BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of The Application of Moraine Wind LLC for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility.	Case No. 21-516-EL-REN
In the Matter of The Application of Rugby Wind LLC for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility.	Case No. 21-517-EL-REN
In the Matter of The Application of Elm Creek II for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility.	Case No. 21-531-EL-REN
In the Matter of The Application of Buffalo Ridge II for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility.	Case No. 21-532-EL-REN
In the Matter of The Application of Barton Windpower 1 for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility.	Case No. 21-544-EL-REN

COMMENTS
OF
BLUE DELTA ENERGY, LLC

Respectfully submitted,

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I. INTRODUCTION

Applicants Moraine Wind LLC, Rugby Wind LLC, Elm Creek II Wind LLC, Barton Windpower 1, and Buffalo Ridge II Wind LLC and/or its parent company, Avangrid Renewables, LLC, (collectively, the Applicants) submitted applications to obtain certification as renewable energy (REN) resource generating facilities in Ohio (Applications).[1] In order to obtain REN certification, an applicant must demonstrate that the facility is a qualifying renewable energy resources, has been placed-in-service on or after January 1, 1998, and the energy produced at the facility is "deliverable into this state," pursuant to R.C. 4928.64(B)(3) and Ohio Adm.Code 4901:1-40-01(F) and 4901:1-40-04. For out-of-state facilities, the Public Utilities Commission of Ohio (Commission) has historically applied a deliverability test, which was first established in *In the Matter of Koda Energy LLC* (the *Koda* Test).[2] The *Koda* Test relies on "a demonstration of delivery via a powerflow study and/or deliverability study…although not to the extent of requiring signed contracts."[3]

On August 20, 2021, Staff issued Staff Reports in each of the above-captioned cases, finding that the facilities satisfied the three criteria of Ohio law. More specifically, the Staff, pursuant to the *Koda* Test, concluded that electricity from each facility is physically deliverable into Ohio.[4] As such, pursuant to R.C. 4928.64(B)(3) and Ohio Adm.Code 4901:1-40-01(F) and

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[1] *See In the Matter of The Application of Moraine Wind LLC for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility*, Case No. 21-516-EL-REN, Application (Apr. 30, 2021) (Moraine Application); *In the Matter of The Application of Rugby Wind LLC for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility*, Case No. 21-517-EL-REN, Application (Apr. 30, 2021) (Rugby Application); *In the Matter of the Application of Elm Creek II for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility*, Case No. 21-0531-EL-REN, Application (May 3, 2021) (Elm Creek Application); *In the Matter of The Application of Buffalo Ridge II for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility*, Case No. 21-532-EL-REN, Application (May 3, 2021) (Buffalo Ridge Application); and *In the Matter of The Application of Barton Windpower 1 for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility*, Case No. 21-544-EL-REN, Application (May 4, 2021) (Barton Application).

[2] *In the Matter of the Application of Koda Energy LLC for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility*, Case No. 09-0555-EL-REN (*Koda*), Finding and Order (Mar. 23, 2011). CSG's Motion incorrectly identifies *Koda* as Case No. 05-0555-EL-REN.

[3] *In the Matter of the Commission's Review of its Rules for Energy Efficiency Programs Contained in Chapter 4901:1-39 of the Ohio Administrative Code*, Case Nos. 12-2156-EL-ORD, *et al.*, Finding and Order at ¶ 181 (Dec. 19, 2018).

[4] *See, e.g.,* Moraine Application, Staff Report at 2 (Aug, 20, 2021) (Moraine Staff Report); Rugby Application, Staff Report at 2 (Aug, 20, 2021) (Rugby Staff Report); Elm Creek Application, Staff Report at 2 (Aug, 20, 2021) (Elm Creek Staff Report);Buffalo Ridge Application, Staff Report at 2 (Aug, 20, 2021) (Buffalo Ridge Staff Report);Barton Application, Staff Report at 2 (Aug. 20, 2021) (Barton Staff Report).

4901:1-40-04, Staff recommended that the Commission approve the Applications for REN certification in each of the above-captioned cases.

Blue Delta Energy, LLC (Blue Delta) has reviewed the Applications submitted and the filed Staff Reports and supports Staff's continued use of the *Koda* Test. The *Koda* Test is a reasonable and accurate means of tracking physical deliverability, and demonstrates that the facilities produce energy deliverable into the state. As long as the Commission upholds its reasonable and longstanding precedent and applies the *Koda* Test, it is indisputable, pursuant to the Staff Reports, that each facility is deliverable into the state pursuant to R.C. 4928.64(B)(3) and Ohio Adm.Code 4901:1-40-01(F) and 4901:1-40-04, and should be granted REN certification.

Despite the Commission's longstanding precedent, on May 7, 2021, Carbon Solutions Group, LLC (CSG) simultaneously sought to intervene in all five of the REN certification Applications to challenge the use of the *Koda* Test.[5] For the purpose of enhancing its profits and that of its clients, CSG seeks to challenge Commission precedent regarding the certification under Ohio Adm.Code 4901:1-40-04(D) of numerous renewable energy resource generating facilities in Ohio, including the five Applications in the above-captioned cases.[6] CSG's proposal would arbitrarily deny certification to a number of out-of-state applicants, while allowing CSG's facilities or those of its clients to benefit by limiting the number of renewable energy credits (RECs) available in Ohio and therefore increasing the prices of their RECs. This would give CSG unreasonable market power at the expense of its competitors and Ohio load serving entities, with these costs eventually being passed through to Ohio electric customers.

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[5] *See* Motion to Intervene, Motion to Consolidate, and Motion to Establish a Procedural Schedule of Carbon Solutions Group, LLC (May 7, 2021) (CSG Motion).

[6] *Id.*; *see also In the Matter of The Application of Wessington Wind Farm for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility*, Case No. 21-110-EL-REN, Motion for Leave to Intervene Out of Time, Motion to Consolidate, and Motion to Establish a Procedural Schedule of Carbon Solutions Group, LLC (Apr. 7, 2021); *In the Matter of The Application of Buckeye Wind Energy Center for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility*, Case No. 21-163-EL-REN, Motion to Intervene, Motion to Consolidate, and Motion to Establish a Procedural Schedule of Carbon Solutions Group, LLC (Apr. 7, 2021); *In the Matter of The Application of Marshall Wind Farm for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility*, Case No. 21-162-EL-REN, Motion to Intervene, Motion to Consolidate, and Motion to Establish a Procedural Schedule of Carbon Solutions Group, LLC (Apr. 7, 2021).

In response to CSG's tactics, Blue Delta intervened in each of the above-captioned cases to protect its own interests and the interests of its clients by supporting the Commission's longstanding *Koda* Test. Blue Delta provides a wide range of sustainability and clean energy solutions, which includes assisting and representing clients, including out-of-state clients, in obtaining REN certifications in Ohio. In the majority of applications with which Blue Delta has been integrally involved in, including one of the applications at issue in this proceeding, Blue Delta has obtained the necessary transmission studies for their clients establishing deliverability under the Commission's existing precedent.

Pursuant to the Commission's October 19, 2021 Entry in the above-captioned cases, Blue Delta hereby submits the following comments regarding Staff's recommendations for approval of the Applications and Staff's use of the *Koda* test to determine physical deliverability to Ohio.[7] Blue Delta jointly retained and is hereby co-sponsoring the attached expert report with the Applicants, which was produced by GDS Associates, Inc., a utility engineering firm, to assist with an analysis of the physical deliverability to Ohio of the five facilities seeking certification in this proceeding (Expert Report). Blue Delta has attached the Expert Report hereto as Attachment A.[8] The Expert Report thoroughly analyzes the history of the *Koda* Test, its relation to industry-wide standards and regulations, the justification behind the methodology, and the application of the

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[7] Entry at ¶ 7 (Oct. 19, 2021).

[8] *See generally* Attachment A, Expert Report of GDS Associates, Inc. (Nov. 18, 2021) (Expert Report).

Koda Test to the five facilities, as well as the challenges raised by CSG. Blue Delta adopts and incorporates herein the findings and conclusions set forth in the Expert Report.

II. COMMENTS

A. Staff Reports Correctly Determine that the Applicants Satisfy the Requirements for Certification Under Ohio Law.

Pursuant to R.C. 4928.64 and 4928.645 and Ohio Adm.Code 4901:1-40-04, to be certified as an eligible Ohio renewable energy resource generating facility, a facility must be a qualified renewable energy resource, must be placed-in-service on or after January 1, 1998, and must either be located in Ohio or demonstrate that the energy produced from the facility is deliverable into the state of Ohio. As noted by the Staff Reports, all five facilities clearly meet the definition of a "renewable energy resource" under R.C. 4928.01(A)(37) as the facilities are all wind energy resources.[9] Additionally, the facilities satisfy R.C. 4928.64(A)(1) as all of the facilities were placed-in-service after January 1, 1998.[10] Lastly, as explained in the Staff Reports and further below, all of the five out-of-state facilities satisfy the third criterion regarding deliverability.

To determine whether a facility can satisfy the deliverability statutory requirement, the Commission promulgated administrative rules stating that electricity from a facility outside of Ohio or a contiguous state is deliverable into the state of Ohio upon "a demonstration that the electricity is *physically* deliverable to the state."[11] The Commission explained that in order to review certification applications, "Staff began an investigation into defining a process and approach that could be employed to demonstrate deliverability for a facility located outside of

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[9] Moraine Staff Report at 3; Rugby Staff Report at 3; Elm Creek Staff Report at 3; Buffalo Ridge Staff Report at 3; Barton Staff Report at 3.

[10] *Id.*

[11] Ohio Adm.Code 4901:1-40-04(F) (emphasis added).

Ohio or a contiguous state."[12] Staff developed a test based on a distribution factor (DFAX) or power flow study.[13] In applying this test, Staff required that the DFAX study demonstrate "the absolute value of the impact on a transmission line in Ohio must be greater than 5% and greater than 1 MW."[14] Subsequently, in reviewing the test created by Staff, the Commission determined that Staff's methodology and deliverability criteria "are reasonable and should be adopted."[15] The test has become to be known as the *Koda* Test, named after the first proceeding in which it was applied.[16]

The practical considerations behind the *Koda* Test demonstrate that the *Koda* Test is an accurate and reasonable method of determining physical deliverability. As Staff noted when originally proposing the *Koda* Test, and as the Commission restated in its Order adopting the *Koda* Test, "it is impossible to physically track energy from a specific generating facility to a specific load location."[17] As such, to determine the *physical* deliverability of energy pursuant to Ohio Adm.Code 4901:1-40-04(F), Commission Staff must rely on modeling.

The *Koda* Test allows Staff to evaluate that modeling and apply its established criteria. Staff uses DFAX studies performed by PJM Interconnection, L.L.C. (PJM) for the modeling. In the above-captioned cases, the Applicants submitted to Staff "a DFAX power flow study which was performed by PJM" for each facility.[18] When performing the studies, PJM uses "a computer model of the transmission systems that measures the change in power flows across a flowgate due to a change in generation, if any significant impact was evident from the study."[19] PJM evaluates each facility's impact on power flows from injecting energy across approximately 3,000 electric system transmission facilities in Ohio and the surrounding states.[20]

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[12] *Koda*, Staff Review and Recommendation at 4 (Feb. 28, 2011).

[13] *Id.* at 5.

[14] *Id.* at 6-7.

[15] *Koda*, Finding and Order at ¶ 8.

[16] *Id.*

[17] *Id.* at ¶ 7; *Id.*, Staff Review and Recommendation at 5.

[18] *See, e.g.,* Moraine Staff Report at 2; Rugby Staff Report at 2; Elm Creek Staff Report at 2; Buffalo Ridge Staff Report at 2; Barton Staff Report at 2.

Staff applies a five percent DFAX minimum requirement to the resulitng models, recommending a denial of REN certification to facilities that are below five percent as they have a minimal impact on the transmission system.[21] Other regional transmission organizations (RTO) establish a lower mimimal DFAX requirement when considering certifiation.[22]

The Staff also applies a 1 MW minimum threshold to facilities to ensure a facility's impact on a transmission line in Ohio. This minimal requirement denies certification to facilities that have a higher DFAX impact but a limited megawat total impact.[23] In this way, the *Koda* Test mirrors, and is in some ways superior to, widely-accepted, nationwide industry standards.

For example, as explained in the Expert Report, the North American Electric Reliability Corporation (NERC) and Federal Energy Regulatory Commission (FERC) have promulgated rules, regulations, and standards based on the results of DFAX studies. When evaluating interchange transactions between balancing authorities and for calculating the ability to move power between locations, NERC employs DFAX studies.[24] NERC also recommends the same studies for analyzing real-time loading on the bulk electric system.[25] FERC has supported NERC's use of DFAX, as well as supported the use of DFAX studies to evaluate expansion planning cost allocation.[26]

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[19] *Koda*, Finding and Order at ¶ 7.

[20] Moraine Staff Report at 2; Rugby Staff Report at 2; Elm Creek Staff Report at 2; Buffalo Ridge Staff Report at 2; Barton Staff Report at 2.

[21] Attachment A, Expert Report at ¶ 4.1.

[22] *Id.*

[23] Attachment A, Expert Report at ¶ 4.2.

[24] Attachment A, Expert Report at ¶¶ 5.2.1, *citing* NERC Standard MOD-030-3, R2.1.1, R2.1.2, and R2.1.4.1, available at https://www.nerc.com/files/MOD-030-3.pdf (Nov. 13, 2014).

RTOs such as PJM and the Midcontinent Independent System Operator, Inc. (MISO) also have promulgated rules, regulations, and standards based on DFAX studies. Under their Joint Operating Agreement, RTOs employ DFAX studies to examine the impact of proposed facilities on their transmission networks.[27] Both RTOs use DFAX studies to evaluate interconnection requests. Both RTOs use DFAX studies to calculate available transfer capability.[28]

The practical considerations, history, and application of the *Koda* Test demonstrate the *Koda* Test's efficacy. By allowing the Commission to analyze the physical deliverability of facilities, the *Koda* Test serves as the most effective alternative to actually tracking the flow of electricity, which is impossible. As such, the *Koda* Test, and the DFAX studies that the *Koda* Test relies on, represent the best method of tracking physical deliverability as required by Ohio Adm.Code 4901:1-40-04(F).

After applying the Koda Test to all five facilities, the Staff Reports correctly concluded that all of the five out-of-state facilities satisfy the third criterion regarding deliverability as the facilities have a greater than five percent DFAX value and are greater than 1 MW.[29]

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[25] Attachment A, Expert Report at ¶ 3.1.1.

[26] *Id.*

[27] *See id.* at ¶ 4.1.

[28] *Id.* at ¶ 5.2.2.

[29] Moraine Staff Report at 2; Rugby Staff Report at 2; Elm Creek Staff Report at 2; Buffalo Ridge Staff Report at 2; Barton Staff Report at 2.

B. Opposition to the Applications or Use of the *Koda* Test to Determine Deliverability Should be Rejected.

To date, there does not seem to be any objections or opposition to the determination by Staff that the facilities have satisfied the first two criteria of Ohio law. There does seem to be, however, opposition surround the third criterion and whether the facilities have satisfied the deliverability requirement in bedded in Ohio law. To this end, one entity, CSG, appears to be challenging the test adopted by the Commission to determine satisfaction of the deliverability requirement, and has argued for an alternate test or methodology to determine deliverablity be used instead. For the reasons stated below, such challenges should be rejected by the Commission.

CSG asserts that the *Koda* Test improperly looks at "hypothetical deliverability."[30] However, as Staff and the Commission have both noted, it is not possible to actually track the flow of individual units of energy from one point to another. As such, the type of extensive modeling required by the *Koda* Test allows the Commission to more accurately determine physical deliverability than other methods.

The Commission and Staff have routinely applied the *Koda* Test to REN applications over the past decade. But, CSG has neither challenged the *Koda* Test nor raised its policy arguments during that ten-year period in which the *Koda* Test has been applied. CSG has attempted to argue that applicants can render the deliverability requirement "meaningless" "[by] massaging the inputs."[31] But CSG's claims are baseless. As explained in the expert report drafted by GDS Associates, Inc., the *Koda* Test does not serve as a "rubber stamp" for certifying REN facilities.[32] The applicants do not have the ability to somehow alter the power flow studies, as the RTO, not the applicant, performs the power flow studies.[33] In fact, the Commission regularly uses the *Koda* Test to deny REN certification applications for failing to demonstrate deliverability.[34] This includes the applicant in *Koda* itself, the first time the *Koda* Test was adopted.[35]

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[30] CSG Motion at 4.

[31] *Id.*

[32] *See* Attachment A, Expert Report at ¶ 3.1.

CSG also raises arguments against the *Koda* Test that the Commission has previously considered, but rejected. For example, CSG argues that the Commission should require a demonstration of "a contract path of electricity," because deliverability pursuant to R.C. 4928.64 "has both a physical and financial dimension."[36] In two separate rulemaking proceedings regarding Ohio Adm.Code 4901:1-40, the Commission rejected the idea that physical deliverability requires a showing of financial deliverability. Stakeholders argued that the test "should focus on a potential transmission contract path rather than a physical path since electricity flows along the path of least resistance, whereas purchase power contracts regularly assume a 'contract path' that is counter to the physical flow of electrons."[37] When rejecting this proposal in those rulemakings, the Commission stated that "a demonstration of delivery via a power flow study…should be necessary, although not to the extent of requiring signed contracts."[38]

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[33] *See Koda*, Finding and Order at ¶ 7.

[34] *See, e.g., In re Hecate Energy Cherrydale LLC*, Case No. 17-2074-EL-REN, Finding and Order (Mar. 14, 2018); *In re Hectate Energy Clark County LLC*, Case No. 17-1996-EL-REN, Finding and Order (Mar. 14, 2018); *and In re Anthony Harrington*, Case No. 17-2039-EL-REN, Finding and Order (Mar. 14, 2018).

[35] *See Koda*, Staff Report at 7-9; *id.*, Finding and Order at ¶ 10.

[36] CSG Motion at 4.

[37] *In the Matter of the Adoption of Rules for Alternative and Renewable Energy Technology, Resources, and Climate Regulations, and Review of Chapters 4901:5-1, 4901:5-5, and 4901:5-7 of the Ohio Administrative Code, Pursuant to Chapter 4928.66, Revised Code, as Amended by Amended Substitute Senate Bill No. 221,* Case No. 08-888-EL-ORD, Opinion and Order at 28 (Apr. 15, 2009).

[38] *In the Matter of the Amendment of Ohio Administrative Code Chapter 4901:1-40 Regarding the Alternative Energy Portfolio Standard, to Implement Am. Sub. S.B. 315*, Case Nos. 12-2156-EL-ORD, *et al.*, Finding and Order at ¶ 181 (Dec. 19, 2018); *In the Matter of the Adoption of Rules for Alternative and Renewable Energy Technology, Resources, and Climate Regulations, and Review of Chapters 4901:5-1, 4901:5-5, and 4901:5-7 of the Ohio Administrative Code, Pursuant to Chapter 4928.66, Revised Code, as Amended by Amended Substitute Senate Bill No. 221,* Case No. 08-888-EL-ORD, Opinion and Order at 28 (Apr. 15, 2009).

Similarly, in its Motion filed in these cases, CSG argues that physical deliverability depends on the RTO on which a facility is located.[39] CSG does not attempt to provide any modeling to support this assertion, although it does note that it represents out-of-state clients in PJM.[40] CSG presumably seeks to exclude these clients from the same contract requirements it proposes for out-of-state facilities in MISO. Unfortunately for CSG, the Commission has previously considered, and rejected, this very same argument.

In a rulemaking proceeding, the Commission considered a proposal to expand the definition of "deliverable into this state….to include electricity originating from a source located in MISO or PJM."[41] The Commission, instead, recognized that RTOs do not determine whether or not electricity is physically deliverable into Ohio. Rejecting this argument, the Commission stated that the definition of deliverability "does not need to be expanded to include any generation originating within the PJM or MISO transmission systems."[42]

Lastly, CSG argues that "[hypothetical] deliverability is not a substitute for actual deliverability within the meaning of R.C. 4928.64."[43] As noted by Blue Delta above[44] and in the attached Expert Report,[45] DFAX studies are the best method of measuring physical deliverability, as the actual flow of individual electrons cannot be tracked. At any rate, this argument is a red herring. The term "actual deliverability" does not appear in R.C. 4928.64 or Ohio Adm.Code

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[39] *See* CSG Motion at 4 ("All generation within PJM is "deliverable" anywhere else in PJM, physically as well as financially.").

[40] CSG Motion at 3.

[41] *In the Matter of the Amendment of Ohio Administrative Code Chapter 4901:1-40 Regarding the Alternative Energy Portfolio Standard, to Implement Am. Sub. S.B. 315*, Case Nos. 12-2156-EL-ORD, *et al.*, Finding and Order at ¶ 180 (Dec. 19, 2018).

[42] *Id.* at ¶ 181.

[43] CSG Motion at 4.

[44] *See supra* Part II.A.

[45] Expert Report at ¶ 5.

4901:1-40-01(F); the latter defines deliverability as "physical." To the extent that CSG believes the Commission should rewrite Ohio Adm.Code 49011-40-01, or the General Assembly should revise R.C. 4928.64, this is not an appropriate venue to make such a determination.

C. Effect of Challenges in REN Certification Cases on CSG Ohio Customers.

CSG seeks to manipulate the REC market in favor of CSG and its clients, at the expense of competitors and Ohio customers. Ultimately, CSG's arguments are ill-supported, arbitrary, and self-serving because they are intended to harm CSG's competitors and Ohio customers, while benefiting CSG and its clients. Although the Commission has not, and ultimately should not, give CSG's arguments any credence, CSG has partially achieved its goals just by delaying further REN certifications through its litigious interference in routine REN applications. This impairs Ohio public policy in support of renewable energy generation and reasonably priced electric service.

Ohio law requires that a percentage of the electricity supplied by a utility or a CRES comes from qualifying renewable energy resources.[46] To meet this requirement, a utility or CRES may purchase RECs.[47] In regards to electric service in general, it is state policy to promote the availability to consumers of adequate, reliable, safe, efficient, nondiscriminatory, and reasonably priced retail electric service;[48] diversity of electricity supplies and suppliers;[49] market access for cost-effective supply- and demand-side retail electric service;[50] and consumer protection against unreasonable sales practices, market deficiencies, and market power.[51]

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[46] R.C. 4928.64(B).

[47] R.C. 4928.645(A).

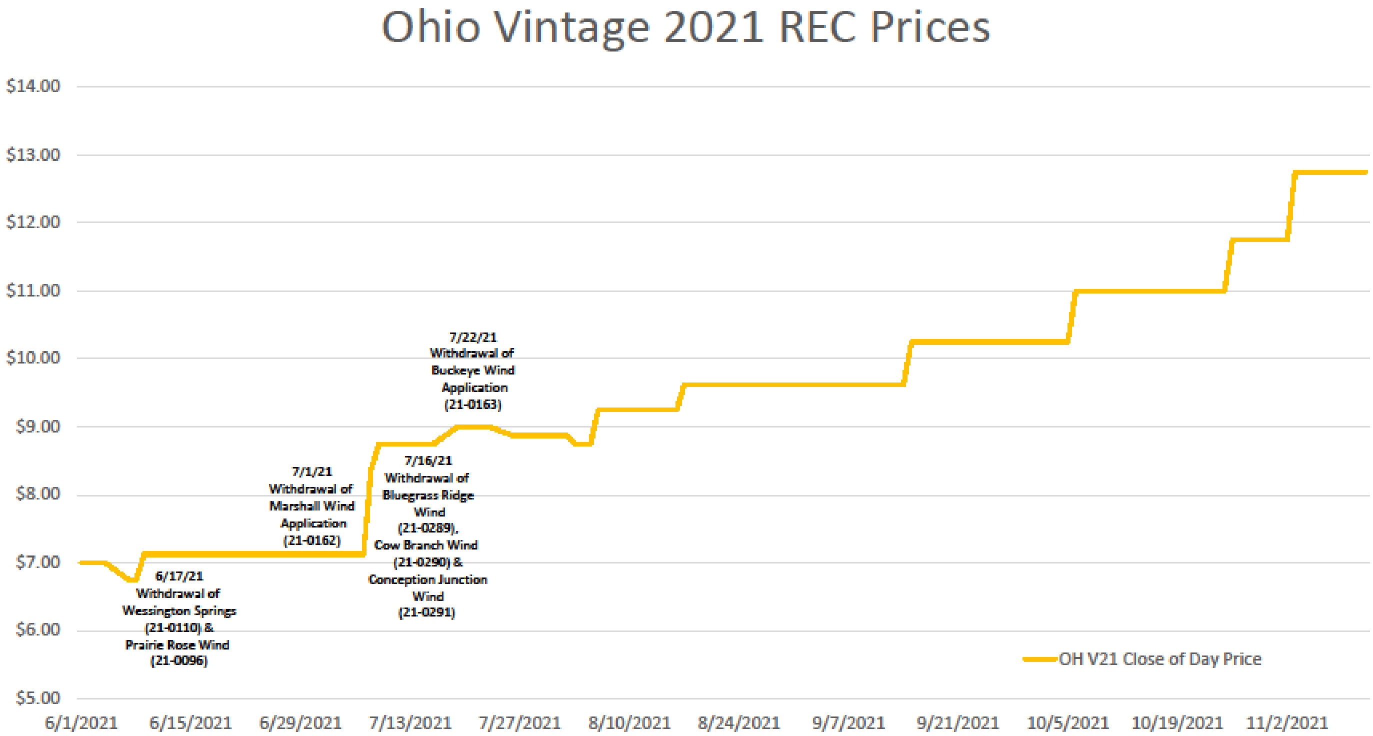
[48] R.C. 4928.02(A).

[49] R.C. 4928.02(C).

[50] R.C. 4928.02(D).

[51] R.C. 4928.02(I).

CSG began intervening in REN certification proceedings to oppose applications in April 2021. As demonstrated in the below chart,[52] since CSG's delay tactics, the price for RECs has steadily increased:



Source: Marex Spectron End of Day REC Price Sheet

In the spring of this year, CSG began intervening in multiple REN certification application proceedings. As the costs and inherent delays associated with litigation and the Commission process continued to mount, facilities began to withdraw their applications, and the market began to realize the implications associated with the supply of RECs that would be available to meet compliance with Ohio's renewable portfolio standards (RPS). In June 2021, when Wessington

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[52] Also attached hereto as Attachment B, Ohio REC Price Chart.

Springs[53] and Prairie Rose Wind[54] withdrew their applications following CSG's opposition, the price for an Ohio REC was approximately $7.00.[55] As more applicants followed suit, the price of Ohio RECs began to rise, reaching $9.00 by July 2021.[56] Every non-adjacent state facility that had submitted an application for REN certification between Prairie Rose (which submitted its application in January) and the Applicants in the above-captioned cases that has been challenged by CSG has since withdrawn their application. There are also three other facilities that subsequently filed their applications that have been recommended for approval by Staff, which appear to be awaiting a decision in this case.[57] Accordingly, as the uncertainty in the market has continued to build, the price for RECs in Ohio has continued to climb and has now reached nearly $13.00.[58]

However, contrary to CSG's claim,[59] the REC market price increase has not lead to any increase in supply of RECs in the Ohio market, nor is it likely to incentivize further development. In fact, the majority of RECs generated from qualifying REN facilities located in Ohio are not retired for compliance with the Ohio renewable portfolio standards:

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[53] *In the Matter of the Application of Wessington Springs Wind Energy Center for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility*, Case No. 21-110-EL-REN, Notice of Withdrawal of Application (June 17, 2021).

[54] *In the Matter of the Application of Prairie Rose Wind Farm for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility*, Case No. 21-96-EL-REN, Notice of Withdrawal of Application (June 17, 2021).

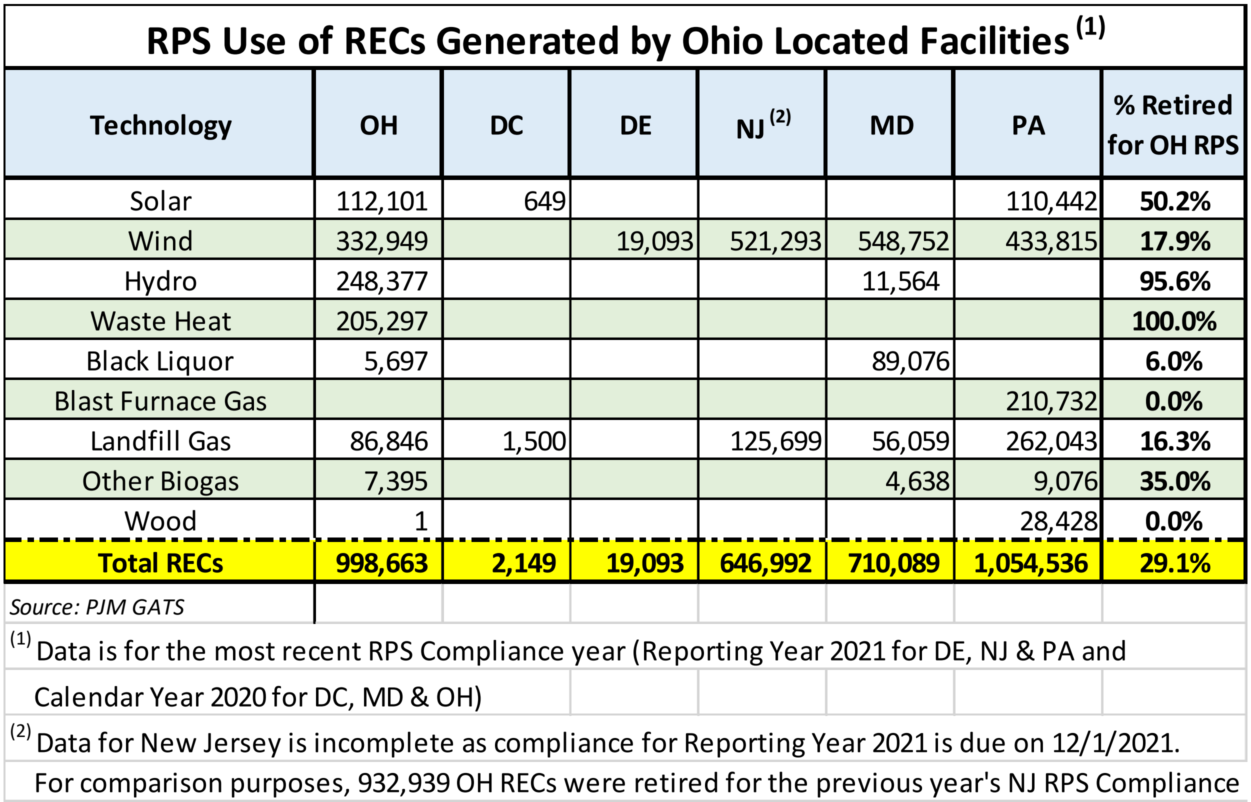
[55] *See* Attachment B, Ohio REC Price Chart.

[56] *See id.*

[57] *See, e.g., In the Matter of the Application for Certification As an Ohio Renewable Energy Resource Generation Facility for the Quilt Block Wind Farm Facility*, Case No. 21-576-EL-REN, Review and Recommendation (Sept. 8, 2021); *In the Matter of the Application for Certification As an Ohio Renewable Energy Resource Generation Facility for the Winnebago Wind FarmFacility*, Case No. 21-742-EL-REN, Review and Recommendation (Sept. 8, 2021); *In the Matter of the Application for Certification As an Ohio Renewable Energy Resource Generation Facility for the Harvest Ridge Wind Farm Facility*, Case No. 21-987-EL-REN, Review and Recommendation (Nov. 12, 2021).

[58] *Id.*

[59] CSG Motion at 3 ("A scarcity of RECs sends a market signal to developers to build more renewable resources.").



RPS Use of RECs Generated by Ohio Located Facilities [1]

Technology	OH	DC	DE	NJ [2]	MD	PA	% Retired for OH RPS
Solar	112,101	649				110,442	**50.2%**
Wind	332,949		19,093	521,293	548,752	433,815	**17.9%**
Hydro	248,377				11,564		**95.6%**
Waste Heat	205,297						**100.0%**
Black Liquor	5,697				89,076		**6.0%**
Blast Furnace Gas						210,732	**0.0%**
Landfill Gas	86,846	1,500		125,699	56,059	262,043	**16.3%**
Other Biogas	7,395				4,638	9,076	**35.0%**
Wood	1					28,428	**0.0%**
Total RECs	**998,663**	**2,149**	**19,093**	**646,992**	**710,089**	**1,054,536**	**29.1%**

Source: PJM GATS

[1] Data is for the most recent RPS Compliance year (Reporting Year 2021 for DE, NJ & PA and Calendar Year 2020 for DC, MD & OH)

[2] Data for New Jersey is incomplete as compliance for Reporting Year 2021 is due on 12/1/2021. For comparison purposes, 932,939 OH RECs were retired for the previous year's NJ RPS Compliance

As documented in the attached spreadsheet,[60] given the eligibility rules found in other state RPS programs where the REC prices offer greater value than those in Ohio, the price increase will not have a substantial benefit to renewable generators located in Ohio or lead to increased development of new Ohio renewable projects. Even with the price increase, a review of PJM GATS registered units, other state RPS eligibility requirements, and current REC prices finds that there are currently only four Ohio located facilities where the use of RECs from those facilities in the Ohio RPS would be the highest value option, two of which have an option only slightly below the Ohio REC price.[61] Unless one of these four facilities is a CSG client, we would challenge CSG to identify an Ohio client of theirs who would directly be harmed by the approval of these units in

---

[60] *See* Attachment C, Ohio REN Eligible Units Where Ohio Is Optimal Value.

[61] *Id.*

Ohio (assuming CSG is in fact acting to maximize the value of their clients' RECs by registering their facilities in all of the programs for which they are eligible).

Therefore we are strongly inclined to believe that this REC price increase, driven by artificial scarcity which directly benefits CSG, is CSG's ultimate goal. CSG has admitted as much, stating that its "interest is in preserving the value of RECs to renewable generators located in Ohio and PJM."[62] By intervening in numerous REN certification proceedings for out-of-state facilities and opposing those REN certification applications, CSG has effectively halted the market for new renewable resource certifications in Ohio, driving up the price for CSG's own Ohio-sited or PJM-sited RECs. While this benefits CSG and its clients, it creates increased compliance costs for electric distribution utilities and CRES suppliers, in turn driving up costs to Ohio customers.

Furthermore, this violates state policy as it impacts the availability of reasonably priced electric service pursuant to R.C. 4928.02. Increased Ohio REC prices and decreased Ohio REC availability makes retail electric service less reasonably priced;[63] decreases market diversity of electricity supplies[64] and market access for cost-effective supply- and demand-side retail electric service;[65] and creates unreasonable market power for CSG and its clients.[66] Accordingly, in addition to lacking support in Ohio laws or regulations, Commission precedent, or technical realities, CSG's proposals violate Ohio policies pertaining to renewable energy resources and portfolio standards and electric service. By doing so, CSG, raises costs to consumers. CSG's proposals, therefore, should be rejected in their entirety.

---

[62] CSG Motion at 5.

[63] *See* R.C. 4928.64(B).

[64] *See* R.C. 4928.02(C).

[65] *See* R.C. 4928.02(D).

[66] *See* R.C. 4928.02(I).

III. CONCLUSION

After an investigation and proposal by Staff, the Commission adopted the *Koda* Test as a reasonable and effective way of quantifying physical deliverability pursuant to Ohio Adm.Code 4901:1-40-01(F). The *Koda* Test's use of DFAX studies closely mirrors widely-accepted, nationwide industry standards. CSG, in an attempt to corner the REC market in violation of Ohio policy and at the expense of Ohio customers, offers unpersuasive arguments the Commission has previously rejected. As such, the Commission should affirm its use of the *Koda* Test, and pursuant to the Staff Reports filed in each of the five above-captioned cases, find that the facilities satisfy the requirements in Ohio law for certification, including that the energy from each facility is deliverable into the state pursuant to R.C. 4928.64(B)(3) and Ohio Adm.Code 4901:1-40-01(F) and 4901:1-40-04, and grant the applications for REN certification.

Respectfully submitted,

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CERTIFICATE OF SERVICE

The Public Utilities Commission of Ohio's e-filing system will electronically serve notice of the filing of this document on the parties referenced on the service list of the docket card who have electronically subscribed to the case. In addition, the undersigned hereby certifies that a copy of the foregoing document also is being served via electronic mail on November 18, 2021 upon the parties listed below.

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PREPARED BY GDS ASSOCIATES, INC.

PJM DELIVERABILITY ASSESSMENT - OHIO

REVIEW OF *KODA* TEST AND DFAX METHODOLOGY

Prepared for Avangrid Resources and Blue Delta Energy

PUCO Cases 21-516-EL-REN, 21-517-EL-REN, 21-531-EL-REN, 21-532-EL-REN and 21-544-EL-REN

November 18, 2021

GDS Associates, Inc.
ENGINEERS & CONSULTANTS

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1 Background and Experience of GDS Associates, Inc.

1.1 OVERVIEW OF GDS ASSOCIATES

GDS Associates, Inc. (GDS), a privately-owned C corporation, was founded in 1986 and is an energy engineering and management consulting firm. GDS has 175 employees with offices throughout the United States. Our firm is committed foremost to identifying and meeting its client needs and striving to continuously provide high quality work and responsive customer service. For more information on the full range of energy consulting services that GDS provides, please visit our website at www.gdsassociates.com. Our clients are principally publicly owned utilities such as cooperatives, municipals, and joint action agencies. We also render services to regulatory agencies, commercial/industrial entities, utility consumer groups, and state and federal government bodies.

> The **GDS MISSION** is to *"help our clients succeed by anticipating and understanding their needs and by efficiently delivering quality services with confidence and integrity"*

1.2 CORPORATE CORE VALUES OF GDS ASSOCIATES, INC.

The size and depth of GDS permits us to offer clients multiple sources of assistance, ensuring complete, competent, and timely service. GDS' long history of meeting client needs has established our reputation within the industry. In fact, most of our project assignments are derived from repeat work for existing clients or from client referrals. GDS recognizes that no two clients or problems are exactly alike, so we strive to deliver "right-fit" solutions for each client's particular situation. GDS conducts its business in accordance with stated core values which we follow steadfastly in providing services to our clients.

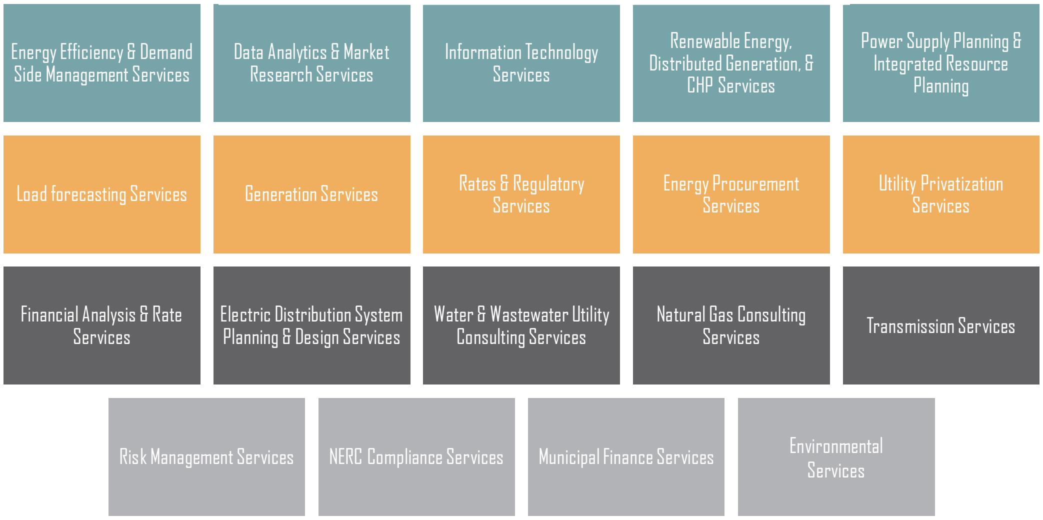
CORE VALUES

1. We endeavor to identify then meet or exceed our clients' needs
2. We gauge our overall success in terms of our clients success, by promoting a partnership perspective
3. We will conduct our practice at all times with honesty and integrity
4. Our consulting staff will possess the requisite knowledge and experience to solve our clients' problems
5. Our service will be competently performed, and our work product will be presented in a professional, understandable manner
6. Our financial success is founded on long-term client relationships, proficient project management, and efficient infrastructure

1.3 CORE BUSINESS OF GDS ASSOCIATES, INC.

GDS consultants are recognized leaders in their respective fields, dedicated to their clients, innovative in their approach to meeting unique challenges, and known for consistently being available when needed. Our comprehensive range of expertise focuses on clients associated with, or affected by, electric, natural gas, water and wastewater utilities. In addition, GDS offers information technology, market research, statistical and social media marketing services to a diverse client base. In recent years, we have performed consulting services for over 700 different clients.

FIGURE 1.1 GDS CONSULTING SERVICES



Energy Efficiency & Demand Side Management Services	Data Analytics & Market Research Services	Information Technology Services	Renewable Energy, Distributed Generation, & CHP Services	Power Supply Planning & Integrated Resource Planning
Load forecasting Services	Generation Services	Rates & Regulatory Services	Energy Procurement Services	Utility Privatization Services
Financial Analysis & Rate Services	Electric Distribution System Planning & Design Services	Water & Wastewater Utility Consulting Services	Natural Gas Consulting Services	Transmission Services
Risk Management Services	NERC Compliance Services	Municipal Finance Services	Environmental Services	

Figure 1.1 above presents the consulting service areas in which GDS has specialized expertise. GDS is headquartered in Marietta, GA. We have regional offices in Auburn, AL; Augusta, ME; Austin, TX; Kirkland, WA; Madison, WI; Manchester, NH; Orlando, FL; and Portland, OR.

1.4 EXPERIENCE OF PROJECT AUTHOR

John Chiles, Principal of GDS, has over 30 years of electric utility and consulting experience. He has worked in several sectors of the energy industry, including electric cooperatives, municipal utilities, investor-owned utilities, and merchant energy companies. Included in this experience is generation and transmission planning, RFP bid evaluation, market design analysis, transmission access issues, locational marginal pricing, regulatory litigation, control area operations and next-day transmission trading. He was responsible for managing the daily transmission portfolio for the two largest merchant power plants in the United States and coordinated a generator-only control area in the WECC region. He has represented multiple companies at Regional Transmission Organizations (RTOs) and has provided technical guidance on issues before state commissions and the Federal Energy Regulatory Commission's (FERC) such as generator operating limits, generator imbalance protocols, RTO transmission issues, transmission facility need determination and transmission access.

Specifically, Mr. Chiles has consulted with utilities, government agencies, and industrial clients in the following areas:

- ☐ Served as Stakeholder Representative for clients within Entergy, the Midcontinent Independent System Operator (MISO) and the Southwest Power Pool (SPP) on matters related to transmission expansion planning and market design
- ☐ Assisted multiple clients during the Entergy integration into MISO, including conversion of transmission rights, valuation of generation assets, and Day 2 market preparation
- ☐ Provided generation interconnection support services for renewable and fossil-fuel based facilities, including siting analysis, technical study support, client representation with Transmission Providers, and negotiation of Interconnection Agreements
- ☐ Filed expert witness testimony at FERC and State jurisdictions regarding transmission facility need determination, transmission loss calculations, integrated resource planning and RTO integration activities
- ☐ Conducted North American Electric Reliability Corporation (NERC) mock audits on Transmission Planning (TPL), Facility Rating (FAC), and Modeling (MOD) Standards for numerous municipal and cooperative organizations
- ☐ Supported generation procurement Request for Proposals (RFPs) through providing technical and strategic support on transmission issues

Mr. Chiles holds a Bachelor of Science Degree in Engineering from the University of South Florida.

A more detailed resume of Mr. Chiles' experience and expert witness qualifications can be found in the Appendix.

1.5 BACKGROUND

Given its expertise in the industry, GDS Associates was retained by Blue Delta Energy, LLC (Blue Delta) and Avangrid Renewables, LLC (Avangrid) to assess the effectiveness of the PJM Interconnection, L.L.C. (PJM) distribution factor (DFAX) methodology with respect to certain renewable facilities located in the MISO RTO that are seeking certification by the Public Utilities Commission of Ohio (PUCO) to become qualified renewable energy resource generating facilities pursuant to R.C. 4928.64.

The following Avangrid facilities have been consolidated in a single proceeding for the purpose of the PUCO evaluating the Carbon Solutions Group's (CSG) request challenging the effectiveness of the DFAX methodology and applicability of the *Koda* Test to evaluate whether resources located outside the state of Ohio should be eligible to qualify as Ohio renewable energy resource facilities. The discussion below is applicable to each of the facilities being considered as the issues are consistent across all of the renewable assets. A summary of each facility and their pending applications before the PUCO are provided below:

1.5.1 Moraine Wind LLC (Case 21-516-EL-REN)[1]

The Moraine Wind facility consists of thirty-four 1.5 MW turbines for a total capacity of 51.0 MW located in Murray County, Minnesota. The facility is connected to the Xcel transmission system in MISO.

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[1] *See In the Matter of The Application of Moraine Wind LLC for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility*, Case No. 21-516-EL-REN, Application (Apr. 30, 2021).

1.5.2 Rugby Wind LLC (Case 21-517-EL-REN)[2]

The Rugby Wind facility consists of seventy-one 2.1 MW turbines for a total capacity of 149.1 MW located in Rugby, North Dakota. The facility is connected to the Otter Tail Power transmission system in MISO.

1.5.3 Elm Creek Wind II LLC (Case 21-531-EL-REN)[3]

The Elm Creek Wind facility consists of seventy-one 2.4 MW turbines for a total capacity of 148.8 MW located in Trimont, Minnesota. The facility is connected to the Northern States Power transmission system in MISO.

1.5.4 Buffalo Ridge II LLC (Case 21-532-EL-REN)[4]

The Buffalo Ridge II wind facility consists of one-hundred and five 2.0 MW turbines for a total capacity of 210.0 MW located in Brookings and Deuel Counties in South Dakota. The facility is connected to the Xcel transmission system at the Brookings substation in MISO.

1.5.5 Barton Wind Power LLC (Case 21-544-EL-REN)[5]

The Barton Windpower 1 facility consists of forty 2.0 MW turbines for a total capacity of 80.0 MW located in Worth County, Iowa. The facility is connected to the Alliant Energy (West) transmission system between the Adams South and Lime Creek substations in MISO.

---

[2] *In the Matter of The Application of Rugby Wind LLC for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility*, Case No. 21-517-EL-REN, Application (Apr. 30, 2021).

[3] *In the Matter of the Application of Elm Creek II for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility*, Case No. 21-0531-EL-REN, Application (May 3, 2021).

[4] *In the Matter of The Application of Buffalo Ridge II for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility*, Case No. 21-532-EL-REN, Application (May 3, 2021).

[5] *In the Matter of The Application of Barton Windpower 1 for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility*, Case No. 21-544-EL-REN, Application (May 4, 2021).

2 Summary of Conclusions and Recommendations

GDS has reached the following conclusions based upon a review and analysis of the pending applications and related documents:

- The PUCO's use of DFAX as a proxy for deliverability to the state Ohio as utilized in the *Koda* Test reflects a standard that is commonly used in the electric utility industry and has wide acceptance by both NERC and FERC. The five percent DFAX and 1 MW minimum requirements recognized by the PUCO are reasonable when compared to other entities located in the Eastern Interconnection.
- NERC supports the DFAX method for flowgate calculations, transmission loading relief and the calculation of Available Transfer Capability between regions. The two entities most impacted by the deliverability arguments made by CSG, PJM and MISO, have a FERC-approved joint operating agreement that relies on DFAX as the basis for expansion planning, interconnection planning, real-time congestion management and facility cost allocation. The five percent DFAX and 1 MW minimum requirements are reasonable when compared to other entities located in the Eastern Interconnection.

Given that the *Koda* Test is based on industry standards, and is reasonable, GDS supports the use of the *Koda* Test. GDS also supports the PUCO Staff's findings that the five Avangrid facilities seeking certification satisfy the *Koda* Test and the site-specific requirements embedded in Ohio law, and thus, should be certified in Ohio as qualifying renewable energy resources generating facilities.

3 Summary of *Koda* Test and Basics (Governing Principles/Authorities)

3.1 THE *KODA* TEST

In PUCO Case No. 09-555-EL-REN, Koda Energy LLC (Koda Energy), the owners of a 23.9 MW bio-mass facility located in Minnesota, petitioned for certification as an eligible Ohio renewable energy resource generating facility.[6] To qualify, the PUCO noted that an applicant must demonstrate that the facility satisfies several criteria, including that:

> The generation produced by the renewable energy resource generating facility can be shown to be *deliverable into the state of Ohio*, pursuant to Section 4928.64(B)(3), Revised Code.[7]

To determine whether the renewable energy resource generating facility can be shown to be *deliverable into the state of Ohio*, Staff recommended that the Commission adopt a new deliverability methodology.[8] Staff proposed a study method to determine deliverability based on the use of distribution factors and a MW impact on transmission lines in Ohio resulting from the potential transaction:

> Staff recommends evaluating the physical deliverability of electricity into Ohio from a generating facility located outside of Ohio or a contiguous state based on the following methodology:
>
> > A demonstration of deliverability may include a power flow study performed by the transmission operator(s) which offers evidence of any significant impact on power flows over transmission lines located in the state of Ohio and serving loads connected to distribution lines located in Ohio due to electricity produced at the renewable generating facility's location.[9]
>
> Staff notes that it is impossible to physically track energy from a specific generating facility to a specific load location. At Staff's request, MISO and PJM, the two RTOs operating in Ohio, conducted DFAX or power flow studies to determine whether power flows from generating facilities modeled within PJM and MISO, but located outside of both Ohio and states contiguous to Ohio, have an impact on power flows over transmission lines located within Ohio. Staff

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[6] *In the Matter of the Application of Koda Energy LLC for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility*, Case No. 09-555-EL-REN (*Koda*), Application (July 1, 2009).

[7] *Koda*, Finding and Order at ¶ 2 (Mar. 23, 2011).

[8] *Koda*, Staff Review and Recommendation at 8-9 (Feb. 28, 2011) (emphasis added).

[9] *Koda*, Finding and Order at ¶ 7 (Mar. 23, 2011) (emphasis added).

> explains that a DFAX study is a computer model of the transmission systems that measures the change in power flows across a flowgate due to a change in generation, if any significant impact was evident from the study. Staff recommends that this impact be considered as evidence of physical deliverability into Ohio.[10]
>
> Staff further explains that only generating facilities that are connected to the transmission systems operated by PJM and MISO were modeled in the power flow studies. Thus, in order for a generating facility located outside of Ohio or a contiguous state to meet the deliverability criteria, the facility would have to be interconnected with a transmission system and be modeled by the RTO in the power flow study. In reviewing the power flow studies performed by PJM and MISO, Staff noted that some of the DFAX values are very small and within the error tolerance of the study. In recognition of this fact, Staff recommends application of a cut-off threshold value. Staff notes that, for billing purposes, an agreement exists in both PJM and MISO that, if the DFAX value on a transmission line is below five percent, there is no associated charge as such an impact is considered "noise" or otherwise insignificant. In addition, MISO also relies upon the megawatt (MW) equivalence of the impact and does not assess charges unless the impact exceeds a DFAX value of greater than five percent and the MW equivalence of the impact is greater than 1 MW. The MW equivalence of the impact is calculated by multiplying the DFAX value by the facility's nameplate capacity. Staff recommends that the Commission adopt this threshold as the definition of a "significant impact" on a transmission line in Ohio. Under Staff's recommended definition, an impact would be deemed significant, and thus physically deliverable into Ohio under Staff's proposed methodology, if the impact exceeds a DFAX value of greater than five percent and is greater than one megawatt.[11]

The PUCO ultimately issued an order denying the application of Koda Energy, but agreed with and adopted Staff’s proposed methodology for assessing deliverability (the *Koda* Test). The Order states:

> The Commission finds that Staff's proposed methodology and recommended definition of "significant impact" are reasonable and should be adopted. Accordingly, any applicant seeking to demonstrate the physical deliverability of energy into Ohio from a generating facility located outside of Ohio or a contiguous state may do so with a power flow study, performed by an RTO, offering evidence of a significant impact on power flows over transmission lines located in the state of Ohio. The transmission lines must serve loads connected to distribution lines located in Ohio. If the study shows an impact on a transmission line in Ohio that is greater than five percent and greater than one

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[10] *Id*.
[11] *Id.*

> megawatt, the electricity produced by the renewable generating facility would be deemed to have a significant impact, thereby satisfying the statutory criteria that the electricity is physically deliverable into Ohio. [12]

From the PUCO's Order adopting the *Koda* Test, it is clear that the application of the *Koda* Test is not a rubber stamp to certify facilities outside of Ohio and neighboring states. In *Koda*, the application of the methodology was the only evidence used to show that the first criteria for qualification was not successfully met.

Over the years, the *Koda* Test has withstood challenges by parties petitioning the PUCO to adopt a different standard, including a challenge to define deliverability based on the RTO in which the facility is located.[13] Furthermore, the PUCO has twice affirmed that deliverability does not require a demonstration of a "contract path."[14]

3.1.1 The *Koda* Test Has a Basis in NERC and FERC Precedent

Since 1999, NERC has supported the use of a DFAX-based Transmission Loading Relief process to address real-time loading on the bulk electric system. The fact that NERC continues to maintain multiple standards that reference the use of TLR for congestion management is a testament to the longstanding and prudent practice that benefits from a DFAX-based methodology.

FERC's support for the use of a DFAX methodology for expansion planning cost allocation highlights the reasonableness of this method. Additionally, FERC has not requested NERC to remove the interconnection reliability operation and coordination (IRO) standards and modeling, data, and analysis (MOD) standards that rely on DFAX as their foundation. If the DFAX method had some fatal flaw, the FERC would not continue to permit its use throughout the industry.

3.2 DISTRIBUTION FACTOR BASICS

A Transfer Distribution Factor is the percentage of a transaction between a point of injection and a point of withdrawal that flows across a particular element of a transmission system. The transfer distribution is driven by the impedance of all elements in the transmission network. Lines with a lower impedance carry a higher percentage of flow that lines with a higher impedance.

---

[12] *Koda*, Finding and Order at ¶¶ 9-10 (Mar. 23, 2011) (The DFAX impact in *Koda* on Ohio facilities was 2.5%, which resulted in a 0.375-megawatt impact.) (emphasis added).

[13] *In the Matter of the Amendment of Ohio Administrative Code Chapter 4901:1-40 Regarding the Alternative Energy Portfolio Standard, to Implement Am. Sub. S.B. 315*, Case Nos. 12-2156-EL-ORD, *et al.*, Finding and Order at ¶¶ 180-181 (Dec. 19, 2018).

[14] *In the Matter of the Amendment of Ohio Administrative Code Chapter 4901:1-40 Regarding the Alternative Energy Portfolio Standard, to Implement Am. Sub. S.B. 315*, Case Nos. 12-2156-EL-ORD, *et al.*, Finding and Order at ¶ 181 (Dec. 19, 2018), *quoting In the Matter of the Adoption of Rules for Alternative and Renewable Energy Technology, Resources, and Climate Regulations, and Review of Chapters 4901:5-1, 4901:5-5, and 4901:5-7 of the Ohio Administrative Code, Pursuant to Chapter 4928.66, Revised Code, as Amended by Amended Substitute Senate Bill No. 221,* Case No. 08-888-EL-ORD, Opinion and Order at 28 (Apr. 15, 2009).

There are several types of distribution factors. These include:

- Power Transfer Distribution Factor (PTDF)
    - The Power Transfer Distribution Factor (PTDF) is the percent of flow between a source (A) and a sink (B) that flows across element X.
- Outage Transfer Distribution Factor (OTDF)
    - The Outage Transfer Distribution Factor (OTDF) is percent of flow between a source (A) and a sink (B) that flows across element X for the loss of element Y.
- Line Outage Distribution Factor (LODF)
    - The Line Outage Distribution Factor (LODF) is the percent of flow between a source (A) and a sink (B) from element Y that flows across element X for the loss of element Y.

Mathematically, the flow across Element X (no contingencies) for a transaction between Point of Injection A and Point of Withdrawal B is:

$$\text{Flow}_{X} = \text{MW}_{A\text{-}B} * \text{PTDF}_{X(A\text{-}B)}$$

For the case where flow across Element X is impacted by the contingency loss of Element Y, the flow across Element X is:

$$\text{Flow}_{X} = \text{MW}_{A\text{-}B} * \text{PTDF}_{X(A\text{-}B)} + \text{MW}_{A\text{-}B} * \text{OTDF}_{Y(A\text{-}B)} \text{ or}$$

$$\text{Flow}_{X} = \text{MW}_{A\text{-}B} * \text{PTDF}_{X(A\text{-}B)} + \text{MW}_{A\text{-}B} * \text{PTDF}_{Y(A\text{-}B)} * \text{LODF}_{X \text{ ftlo } Y(A\text{-}B)}$$

PJM documents its use of distribution factors for the calculation of Available Transfer Capability (ATC) in their Available Transfer Capability Implementation Document (ATCID), effective March 29, 2019.[15] Attachment C to the PJM Open Access Transmission Tariff (OATT) references the methodology used to assess ATC and has been approved by FERC as part of the PJM OATT. Section 5 of the ATCID details the Flowgate Methodology that references distribution factors.

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[15] https://www.pjm.com/pub/oasis/ATCID.pdf.

4 Assumptions Made by PJM and Their Reasonableness

4.1 USE OF A FIVE PERCENT DFAX CUTOFF

The PUCO uses a five percent DFAX minimum in its deliverability requirement. The use of a five percent DFAX cutoff is not only reasonable, but is in many respects, a very conservative use of the cutoff. For example, in the Southern Company System (SCS), the Company uses a three percent TDF cutoff to eliminate those facilities that are minimally impacted by the installation of a new generator. Entergy, prior to joining MISO, used a three percent TDF cutoff as well. With a five percent DFAX cutoff, PJM is excluding even more facilities that these two systems.

The Joint Operating Agreement (JOA) between PJM and MISO[16] governs how the two RTOs collectively analyze their systems for coordinated planning, operation, and congestion management. This most recent version of this agreement has been in place since December of 2008. MISO and PJM perform affected system studies for new interconnection requests[17] based on a DFAX screening. If the interconnection request is for a connection to the PJM system, PJM completes the following process:

> During the course of its interconnection feasibility studies, PJM shall monitor the MISO transmission system and provide to MISO the draft results of the potential impacts to the MISO transmission system. This monitoring will include an examination of the potential for projects to impact the MISO system by determining whether the project under study has a ≥ 3 percent distribution factor on MISO facilities that operate below 500 kV or ≥ 10 percent distribution factor on MISO facilities that operate at or above 500 kV under system intact conditions.[18]

If the interconnection request is on a MISO facility, then MISO completes the following process:

> After completion of DPP cycle application deadline and at least thirty (30) days prior to the commencement of the DPP Phase I, MISO shall perform screening analysis to monitor the PJM transmission system and provide to PJM the draft results of the potential impacts to the PJM transmission system. This monitoring will include an examination of the potential projects to impact the PJM system through determination if the project under study has a ≥ 3 percent distribution factor or ≥ 5 MW impact or ≥ 1 percent of facility rating on any PJM facilities under normal and contingency conditions.[19]

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[16] Joint Operating Agreement Between the Midcontinent Independent System Operator, Inc. and PJM Interconnection, L.L.C, available at https://www.pjm.com/directory/merged-tariffs/miso-joa.pdf (Dec. 11, 2008) (JOA).

[17] JOA, Section 9.3.3.

[18] *Id.*, Section 9.3.3, (f) (i) (emphasis added).

[19] *Id.*, Section 9.3.3 (g) (i) (emphasis added).

The five percent DFAX cutoff adopted by the PUCO in the *Koda* Test is consistent with, and in some respects, superior to other utilities located in the Eastern Interconnection. The DFAX criteria is also consistent with the FERC-approved MISO-PJM JOA.

4.1.1 DFAX Impact of Avangrid Facilities

Table 4-1 shows the DFAX impact of each facility provided by PJM for the facilities regarding the applications. The DFAX reports prepared by PJM for these facilities can be found in the Appendix. The DFAX impact column contains two values. The first value is the highest DFAX for the case where either the start or end of the line is in Ohio. The second value is the highest DFAX for a transmission line which has both a starting point and end point in Ohio. Each facility successfully passed the requirements of the *Koda* test with respect to the DFAX cutoff.

TABLE 4-1. SUMMARY OF DFAX STUDY RESULTS

Project (Location)	Capacity (MW)	DFAX (%)
Moraine (MN)	51.0	16.37%/11.16%[20]
Rugby (ND)	149.1	16.44%/11.18%[21]
Elm Creek II (MN)	148.8	16.50%/11.20%[22]
Buffalo Ridge II (SD)	210.0	16.38%/11.16%[23]
Barton Windpower 1 (IA)	80.0	17%/11.36%[24]

Even using the ten percent DFAX criteria referenced by PJM, which is double the threshold required by the PUCO's *Koda* Test, each one of the Avangrid facilities passes the PJM threshold. Accordingly, in the Staff Review and Recommendation filed in each of the five Avangrid cases, Staff recommended certification of each facility at issue.

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[20] *See In the Matter of The Application of Moraine Wind LLC for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility*, Case No. 21-516-EL-REN, Staff Report (Aug, 20, 2021).

[21] *See In the Matter of The Application of Rugby Wind LLC for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility*, Case No. 21-517-EL-REN, Staff Report (Aug, 20, 2021).

[22] *See In the Matter of The Application of Elm Creek II for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility*, Case No. 21-531-EL-REN, Staff Report (Aug, 20, 2021).

[23] *In the Matter of The Application of Buffalo Ridge II for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility*, Case No. 21-532-EL-REN, Staff Report (Aug, 20, 2021).

[24] *In the Matter of The Application of Barton Windpower 1 for Certification as an Eligible Ohio Renewable Energy Resource Generating Facility*, Case No. 21-544-EL-REN, Staff Report (Aug. 20, 2021).

4.2 THE USE OF A 1 MW THRESHOLD CUTOFF

The *Koda* Test also requires an impact on a transmission line in Ohio of greater than 1 MW. The use of a 1 MW threshold cutoff is designed to capture those transactions which have a higher DFAX impact but the size of the resource is so small that the actual impact on a line is negligible. For example, a 10 MW project with a five percent DFAX impact on a 230-kV line would only have a 0.5 MW impact on a facility with a rating much higher than the transaction impact. Depending on the solution technique used by the power flow solution, the “noise” in the model would likely exceed a 1 MW threshold.

4.2.1 MW Impact of Avangrid Facilities

Table 4-2 shows the MW impact of each facility as noted by PJM provided by PJM for the facilities regarding the applications. The MW impact column contains two values. The first value is based on the highest DFAX for the case where either the start or end of the line is in Ohio. The second value is based on the highest DFAX for a transmission line, which has both a starting point and end point in Ohio. Each facility successfully passed the requirements of the *Koda* test with respect to the MW cutoff.

TABLE 4-2. SUMMARY OF MW IMPACT RESULTS

Project (Location)	Capacity (MW)	Impact (MW)
Moraine (MN)	51.0	8.35 MW/5.69 MW
Rugby (ND)	149.1	24.50 MW/16.66 MW
Elm Creek II (MN)	148.8	24.55 MW/16.66 MW
Buffalo Ridge II (SD)	210.0	34.40 MW/23.44 MW
Barton Windpower 1 (IA)	80.0	13.60 MW/9.09 MW

Even using the 5 MW criteria referenced by PJM, which is significantly higher than the 1 MW threshold required by the *Koda* Test, each one of the facilities passes the MISO threshold. Accordingly, in the Staff Review and Recommendation filed in each of the five Avangrid cases, Staff correctly recommended certification of the specific facility at issue.

5 Issues Raised by CSG

5.1 "PHYSICAL DELIVERY" VERSUS "CONTRACT PATH"

In the Avangrid cases, CSG intervened and submitted comments, claiming there are two ways of measuring deliverability: physical and contractual. The Ohio rule specifies that deliverability must be physical. Notably, the measures for physical and contractual deliverability have no bearing on each other. If the physical deliverability refers to a direct connection between the generator and the load that is typically considered as a contract path, this ignores the basic physics of the power grid including parallel flows on other systems. If the contract path refers to a contractual transmission path between the generator and the load that respects the physical flows on the grid, then it is incumbent to choose the methodology that respects the laws of physics.

5.1.1 Contract Path Does Not Guarantee Physical Delivery

CSG opines that the presence of the contract path is the only way to guarantee physical delivery from a generating resource to a specific load. The premise is not supported by basic physics or by operational reality. There are only two scenarios in which CSG's assertions are true. The first scenario is if a load and a resource are directly connected using a direct-current (DC) line. The DC line allows for injection to be at a specific location and withdrawal to occur at the end of the circuit. The DC line bypasses the network transmission system and the associated parallel flows that would occur. The second scenario is if a single generator and a single load are connected by a single AC line where no other AC lines are present. Neither of these scenarios are applicable to the facilities seeking certification in this proceeding.

In an integrated transmission network, power flows according to the impedance of all facilities and thus follows the path of least resistance. Electrons do not follow contractual arrangements, unless the two scenarios referenced above are applicable. Those who remember the details of the August 14, 2003, blackout in the northeastern US understood that loss of power transfers due to the loss of the FirstEnergy ties into PJM resulted from the impacts of interrupted parallel flows and not the impacts of contract path flows. In MISO, the limitations put in place to address the transmission loading on the New Madrid - Dell 500-kV for the integration of the MISO South members were not the 1,000 MW contract path limit but were related to the 4,000+ MW of incremental network flows that occurred on the Dell – New Madrid line in addition to flows across the Southwest Power Pool (SPP) and Tennessee Valley Authority (TVA) systems coming from MISO North to MISO South transactions.

5.2 ACCEPTANCE OF THE DFAX METHODOLOGY

5.2.1 Use of DFAX with Respect to NERC Practices

CSG suggests that the DFAX methodology is dated and "no longer holds today" and that it is a "flawed" methodology. However, DFAX methodology is currently and commonly used by federal regulators and system operators to assess deliverability to maintain system integrity.

5.2.1.1 DFAX and the NERC/RTO Congestion Management Processes

Standards promulgated by NERC include two standards that are directly applicable to the discussion of the use of DFAX as an acceptable methodology with respect to deliverability of resources to load. Standard IRO-006-5, which is the Reliability Coordination – Transmission Loading Relief (TLR) standard and IRO-006-EAST-2, which is the TLR Procedure for the Eastern Interconnection, rely on the use of distribution factors as a foundation for the evaluation and curtailment of Interchange transactions between balancing authorities. The evaluation of Interchange transactions uses the Interchange Distribution Calculator (IDC). The IDC is a matrix that uses a form of distribution factors, known as generation distribution shift factors (GDSF) and load distribution shift factors (LDSF) to calculate the impact of any transaction between balancing authorities. Curtailment of transactions is based on the percentage of flow between two balancing authorities across a flowgate that may become overloaded. Curtailment priority is determined by the flow impact across the flowgate in question.

5.2.1.2 DFAX and the NERC Standards for Calculation of Deliverability (MOD)

NERC has established three acceptable methodologies for calculating the ability to move power between locations. MOD-028-2 is the Area Interchange Methodology. MOD-029-2a is the Rated System Path Methodology. MOD-030-3 is the Flowgate Methodology. Both the Area Interchange Methodology and the Flowgate Methodology specifically rely upon the use of various distribution factors for the identification of flowgates and the application of those flowgate to assess Available Transmission Capacity between regions. Requirement R2.1.1 states:

> Results of a first Contingency transfer analysis for ATC Paths internal to a Transmission Operator's system up to the path capability such that at a minimum the first three limiting Elements and their worst associated Contingency combinations with an OTDF of at least 5% and within the Transmission Operator's system are included as Flowgates.[25]

Requirement R2.1.2 of MOD-030-3 also states:

> Results of a first Contingency transfer analysis from all adjacent Balancing Authority source and sink (as defined in the ATCID) combinations up to the path capability such that at a minimum the first three limiting Elements and their worst associated Contingency combinations with an Outage Transfer Distribution Factor (OTDF) of at least 5% and within the Transmission Operator's system are included as Flowgates unless the interface between such adjacent Balancing Authorities is accounted for using another ATC methodology.[26]

Lastly, Requirement R2.1.4.1 of MOD-030 references the valid usage of distribution factors for determination of assessments of deliverability between Balancing Authorities:

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[25] NERC Standard MOD-030-3, R2.1.1, available at https://www.nerc.com/files/MOD-030-3.pdf (Nov. 13, 2014) (emphasis added).

[26] *Id.*, R2.1.2 (emphasis added).

> Any generator within the Transmission Service Provider's area has at least a 5% Power Transfer Distribution Factor (PTDF) or Outage Transfer Distribution Factor (OTDF) impact on the Flowgate when delivered to the aggregate load of its own area, or A transfer from any Balancing Area within the Transmission Service Provider's area to a Balancing Area adjacent has at least a 5% PTDF or OTDF impact on the Flowgate. The Transmission Operator may utilize distribution factors less than 5% if desired.[27]

5.2.2 Use of DFAX with Respect to MISO-PJM Facility Expansion

PJM documents their use of distribution factors for the calculation of Available Transfer Capability (ATC) in their ATCID, effective March 29, 2019.[28] Attachment C to the PJM OATT references the methodology used to assess ATC and has been approved by FERC as part of the PJM OATT. Section 5 of the ATCID details the Flowgate Methodology that references distribution factors.

MISO and PJM also support the use of DFAX for cost allocation of Cross-Border Baseline Reliability Projects (CBBRPs). Section 9.4.4.2.1 of the JOA states:

> The Coordinated System Plan shall designate the share of the Project Cost to be allocated to each RTO based on the relative contribution of the combined Load of each RTO to loading on the constrained facility requiring the need for the CBBRP. The loading contribution will be pre-determined using a joint RTO planning model developed and agreed to by the planning staff of both RTOs. This model will form the base case from which reliability needs on the combined systems will be determined for the Coordinated System Plan. *The model, adjusted for the conditions driving the upgrade needs, will be used to calculate the DFAX for cost allocation purposes for each RTO, using a source of the aggregate of RTO generation (network resources) for each RTO to a sink of all Loads within that RTO. The DFAX is the appropriate distribution factor for the condition causing the upgrade; OTDF for contingency condition flow criteria violations, and PTDF for normal condition flow criteria violations. The DFAX calculation determines the MW flow impact attributable to each RTO on the constraint requiring the transmission system to be upgraded. The total load of each RTO for the condition modeled is multiplied by the DFAX associated with that RTO to determine the respective MW flow contribution of that RTO to the constraint*. The RTOs will quantify the relative impact due to PJM's system and the relative impact due to MISO's system and then will allocate between PJM and MISO the load contributions to the reliability constraint on the system by calculating the relative impacts caused by each RTO. This methodology will determine the extent to

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[27] NERC Standard MOD-030-3, R2.1.4.1, available at https://www.nerc.com/files/MOD-030-3.pdf (Nov. 13, 2014) (emphasis added).

[28] PJM Available Transfer Capability Implementation Document, available at https://www.pjm.com/pub/oasis/ATCID.pdf (Mar. 29, 2019).

> which each RTO contributes to the need for a reliability upgrade consistent with the Coordinated System Plan modeling that determined the need for the upgrade. The MISO total load impacts will be allocated to MISO and the PJM total load impacts will be allocated to PJM. PJM and MISO will then reallocate their shares internally in accordance with their respective tariffs. *By calculating the impacts in this manner, the RTOs will ensure that the relative contribution of each RTO (including both the aggravating and benefiting contributions of generation and load patterns within each RTO) to the need for a particular upgrade, is appropriately captured in the ensuing allocations, and that the allocation is consistent with the Coordinated System Plan modeling that determined the need for the upgrade*.[29]

5.2.3 Use of DFAX in Other Regions of the US

The use of DFAX as an approximation of system flows and deliverability is employed throughout the United States. In the Southeast, the DFAX is part of the calculation for short-term Available Transfer Capability in the Tennessee Valley Authority, Southern Company System, Santee Cooper, Duke Energy Carolinas, Duke Energy Progress, Florida Power & Light and Emera – Tampa Electric Company systems. As previously described, the DFAX-based Transmission Loading Relief (TLR) procedures are an important part of managing regional flows between systems, including market-to-non-market seams with MISO, Southwest Power Pool and PJM. In the Western Interconnection, the DFAX and Transfer Distribution Factors have been part of evaluating Unscheduled Flows[30] since 2016 and continue to be used today.[31]

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[29] JOA, Section 9.4.4.2.1(a) (emphasis added).

[30] *See* Western Interconnection Unscheduled Flow Mitigation Plan (WIUFMP).

[31] https://www.spp.org/western-services/western-interconnection-unscheduled-flow-mitigation-plan-wiufmp/.

6 Conclusions

The use of DFAX as a proxy for deliverability to the state of Ohio as utilized in the *Koda* Test reflects a standard that is commonly used in the electric utility industry and has wide acceptance by FERC. NERC supports the DFAX method for flowgate calculations, transmission loading relief and the calculation of Available Transfer Capability between regions. The two entities most impacted by the deliverability arguments made by CSG—PJM and MISO—have a FERC-approved joint operating agreement that relies on DFAX as the basis for expansion planning, interconnection planning, real-time congestion management and facility cost allocation. The PUCO's five percent DFAX and 1 MW minimum requirements are reasonable when compared to other entities located in the Eastern Interconnection.

Given that the *Koda* Test is based on industry standards, and is reasonable, GDS supports the use of the *Koda* Test. GDS also supports the PUCO Staff's findings that the five Avangrid facilities seeking certification satisfy the *Koda* Test and the requirements embedded in Ohio law, and thus, should be certified in Ohio as qualifying renewable energy resources generating facilities.

APPENDIX A.

DFAX Reports and Spreadsheets provided by PJM for Moraine, Rugby, Elm Creek II and Buffalo Ridge II Facilities

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1																					
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10	**Monitored Facility**	**Fr Bus**	**Fr Name**	**To Bus**	**To Name**	**CKT**	**kVs**	**Areas**	**Areas Name**	**Rate Base (MVA)**	**Rate Cont (MVA)**	**Cont Name**	**Cont ID**	**Base Flow (MW)**	**Cont Flow (MW)**	**Final DC %Loading**	**Severity Rank**	DPL Grea	DPL Sout	VP Mackeys 1 SP	
11	242940 05MUSKNG 345 242947 05WATERFORD 345 1	242940	05MUSKNG	242947	05WATERFORD	1	345	205	AEP	1025	1318	Base Case	0	-996.7	-	97.23	0	-1.15%	-1.15%	0.64%	
12	243026 05KAMMER13 138 246067 05NATRIUM34 138 1	243026	05KAMMER13	246067	05NATRIUM34	1	138	205	AEP	205	284	Base Case	0	193.2	-	94.23	0	0.09%	0.09%	-0.07%	
13	243353 05OLIVE 138 244930 05NEW CARLI1 138 1	243353	05OLIVE	244930	05NEW CARLI1	1	138	205	AEP	287	337	Base Case	0	226	-	78.74	0	0.13%	0.13%	0.11%	
14	250057 08M.FORT 138 250151 08HEBTAP 138 1	250057	08M.FORT	250151	08HEBTAP	1	138	212	DEO&K	238	238	Base Case	0	177.8	-	74.73	0	-0.06%	-0.06%	-0.04%	
15	235346 01RONCVRT 138 242777 05RONCVR 138 ZB	235346	01RONCVRT	242777	05RONCVR	ZB	138	201/205	AP/AEP	104	104	Base Case	0	-75.7	-	72.83	0	0.00%	0.00%	0.00%	
16	242835 05TRISTA 138 242842 05W HUNT 138 1	242835	05TRISTA	242842	05W HUNT	1	138	205	AEP	205	284	Base Case	0	148.3	-	72.33	0	-0.09%	-0.09%	-0.13%	
17	242935 05E LIMA 345 242989 05E LIMA 138 2	242935	05E LIMA	242989	05E LIMA	2	345/138	205	AEP	285	368	Base Case	0	205.5	-	72.1	0	0.02%	0.02%	0.05%	
18	242605 05CLNCHR 138 242606 05CLNLFD 138 1	242605	05CLNCHR	242606	05CLNLFD	1	138	205	AEP	223	310	Base Case	0	159.5	-	71.51	0	-0.11%	-0.11%	0.02%	
19	242701 05LEESVI 138 314667 4ALTVSTA 138 1	242701	05LEESVI	314667	4ALTVSTA	1	138	205/345	AEP/DVP	205	284	Base Case	0	145.3	-	70.9	0	-0.14%	-0.14%	-0.51%	
20	270140 AA2-116_POI 345 270141 AA2-116_MAIN 345 1	270140	AA2-116_POI	270141	AA2-116_MAIN	1	345	205	AEP	1239	1239	Base Case	0	-865.3	-	69.84	0	-0.54%	-0.54%	-0.54%	
21	242921 05CORNU 765 242924 05HANG R 765 1	242921	05CORNU	242924	05HANG R	1	765	205	AEP	1540	1540	Base Case	0	1066.8	-	69.27	0	-0.67%	-0.67%	-0.67%	
22	242926 05MALIS 765 243538 05MALISX 138 1	242926	05MALIS	243538	05MALISX	1	765/138	205	AEP	820	926	Base Case	0	567.8	-	69.24	0	0.24%	0.24%	0.12%	
23	243012 05G WASHGTON 138 243026 05KAMMER13 138 1	243012	05G WASHGTON	243026	05KAMMER13	1	138	205	AEP	446	621	Base Case	0	-308.1	-	69.08	0	-0.29%	-0.29%	0.29%	
24	238649 02DALE 138 245797 05W.CANTON2 138 1	238649	02DALE	245797	05W.CANTON2	1	138	202/205	ATSI/AEP	233	282	Base Case	0	-160.7	-	68.98	0	-0.10%	-0.10%	0.13%	
25	243537 05MALIS 138 243538 05MALISX 138 ZB	243537	05MALIS	243538	05MALISX	ZB	138	205	AEP	820	1054	Base Case	0	-564.9	-	68.9	0	0.24%	0.24%	0.12%	
26	239154 02W.FREM 138 243009 05FRMNT 138 1	239154	02W.FREM	243009	05FRMNT	1	138	202/205	ATSI/AEP	296	361	Base Case	0	202.3	-	68.36	0	0.00%	0.00%	-0.21%	
27	250145 08MELDAL 138 250154 08MELDLS 138 1	250145	08MELDAL	250154	08MELDLS	1	138	212	DEO&K	125	125	Base Case	0	-84.2	-	67.4	0	-0.05%	-0.05%	-0.05%	
28	235345 01HINTON 138 242668 05HINTON 138 ZB	235345	01HINTON	242668	05HINTON	ZB	138	201/205	AP/AEP	23	23	Base Case	0	-15.5	-	67.29	0	0.00%	0.00%	0.00%	
29	249581 08MELDAL 345 250145 08MELDAL 138 1	249581	08MELDAL	250145	08MELDAL	1	345/138	212	DEO&K	126	126	Base Case	0	-84	-	66.7	0	-0.05%	-0.05%	-0.05%	
30	250118 08TRMNL2 138 249575 08TERMNL 345 1	250118	08TRMNL2	249575	08TERMNL	1	138/345	212	DEO&K	504	504	Base Case	0	-335.6	-	66.59	0	-0.04%	-0.04%	-0.07%	
31	238514 02IRONV 138 238568 02BAYSHO 138 1	238514	02IRONV	238568	02BAYSHO	1	138	202	ATSI	223	271	Base Case	0	-148.2	-	66.44	0	0.01%	0.01%	-0.01%	
32	242987 05DEXTER 138 243619 05ROSEWOODSS 138 1	242987	05DEXTER	243619	05ROSEWOODSS	1	138	205	AEP	293	341	Base Case	0	194.6	-	66.41	0	0.01%	0.01%	0.20%	
33	243212 05BENTON 345 243250 05BENTON 138 1	243212	05BENTON	243250	05BENTON	1	345/138	205	AEP	488	521	Base Case	0	323.1	-	66.21	0	0.13%	0.13%	0.00%	
34	243026 05KAMMER13 138 246940 05BIGR2Z 138 1	243026	05KAMMER13	246940	05BIGR2Z	1	138	205	AEP	205	284	Base Case	0	135.3	-	66.02	0	-0.12%	-0.12%	0.05%	
35	243070 05OHIOCT 138 246770 05DRESDN 138 1	243070	05OHIOCT	246770	05DRESDN	1	138	205	AEP	680	795	Base Case	0	-448.3	-	65.93	0	-0.28%	-0.28%	-0.28%	
36	242668 05HINTON 138 242777 05RONCVR 138 1	242668	05HINTON	242777	05RONCVR	1	138	205	AEP	145	145	Base Case	0	95.3	-	65.74	0	0.00%	0.00%	0.00%	
37	243453 05BEATTY 345 245769 05ADKINS 345 1	243453	05BEATTY	245769	05ADKINS	1	345	205	AEP	1096	1203	Base Case	0	-719.3	-	65.63	0	-0.88%	-0.88%	-0.24%	
38	246940 05BIGR2Z 138 247128 05ASTNSS 138 1	246940	05BIGR2Z	247128	05ASTNSS	1	138	205	AEP	205	284	Base Case	0	134.2	-	65.45	0	-0.12%	-0.12%	0.05%	
39	242943 05SCANTO 345 247463 05SCANTO_XFL 345 Z1	242943	05SCANTO	247463	05SCANTO_XFL	Z1	345	205	AEP	1740	1868	Base Case	0	-1128.6	-	64.86	0	-1.42%	-1.43%	2.25%	
40	250117 08TRMNL1 138 249575 08TERMNL 345 1	250117	08TRMNL1	249575	08TERMNL	1	138/345	212	DEO&K	498	498	Base Case	0	-322.7	-	64.8	0	-0.03%	-0.03%	-0.06%	
41	238568 02BAYSHO 138 240854 02CLIFFS_NR 138 1	238568	02BAYSHO	240854	02CLIFFS_NR	1	138	202	ATSI	297	365	Base Case	0	192.1	-	64.69	0	0.07%	0.07%	-0.01%	
42	243014 05GRBLOP 138 243300 05GRABIL 138 Z1	243014	05GRBLOP	243300	05GRABIL	Z1	138	205	AEP	19	19	Base Case	0	12.3	-	64.69	0	0.00%	0.00%	0.00%	
43	239123 02STAR 138 239160 02WADS 138 1	239123	02STAR	239160	02WADS	1	138	202	ATSI	221	262	Base Case	0	142.8	-	64.62	0	-0.04%	-0.04%	0.04%	
44	250057 08M.FORT 138 325014 4CLIFTY TAP2 138 1	250057	08M.FORT	325014	4CLIFTY TAP2	1	138	212/363	DEO&K/LGEE	129	129	Base Case	0	-83	-	64.32	0	0.00%	0.00%	0.06%	
45	242605 05CLNCHR 138 242644 05FREMO1 138 1	242605	05CLNCHR	242644	05FREMO1	1	138	205	AEP	223	310	Base Case	0	143.2	-	64.21	0	0.01%	0.01%	0.18%	
46	243537 05MALIS 138 243553 05POLARS 138 1	243537	05MALIS	243553	05POLARS	1	138	205	AEP	223	310	Base Case	0	141.5	-	63.47	0	0.01%	0.01%	0.00%	
47	249570 08P.UNON 345 250082 08P.UN1 138 1	249570	08P.UNON	250082	08P.UN1	1	345/138	212	DEO&K	500	500	Base Case	0	316.7	-	63.33	0	0.03%	0.03%	0.00%	
48	248013 06PIERCE 345 250143 08PRCE18 138 18	248013	06PIERCE	250143	08PRCE18	18	345/138	206/212	OVEC/DEO&K	480	501	Base Case	0	303.6	-	63.25	0	0.14%	0.14%	0.14%	
49	242921 05CORNU 765 242934 05CORNU 345 1	242921	05CORNU	242934	05CORNU	1	765/345	205	AEP	1698	1698	Base Case	0	-1068.1	-	62.9	0	-0.67%	-0.67%	-0.67%	
50	242639 05FLETCH 138 242801 05SKEGGS BRZ 138 1	242639	05FLETCH	242801	05SKEGGS BRZ	1	138	205	AEP	196	247	Base Case	0	123.1	-	62.83	0	-0.12%	-0.12%	-0.02%	
51	243534 05LICK 138 246738 05JACKSON 138 Z1	243534	05LICK	246738	05JACKSON	Z1	138	205	AEP	43	52	Base Case	0	26.9	-	62.46	0	0.00%	0.00%	0.00%	
52	243229 05OLIVE 345 243353 05OLIVE 138 2	243229	05OLIVE	243353	05OLIVE	2	345/138	205	AEP	766	803	Base Case	0	476.5	-	62.2	0	-0.05%	-0.05%	0.03%	
53	242835 05TRISTA 138 243904 05MARIETT 138 1	242835	05TRISTA	243904	05MARIETT	1	138	205	AEP	531	531	Base Case	0	-330.1	-	62.17	0	-0.23%	-0.23%	-0.23%	
54	238662 02DKQ-17 138 238740 02FWLSQ2 138 1	238662	02DKQ-17	238740	02FWLSQ2	1	138	202	ATSI	103	133	Base Case	0	-63.9	-	62.01	0	-0.02%	-0.02%	0.00%	
55	249991 08BUFTN1 138 250028 08FLRNC2 138 1	249991	08BUFTN1	250028	08FLRNC2	1	138	212	DEO&K	266	266	Base Case	0	164.7	-	61.91	0	0.04%	0.04%	0.07%	
56	242691 05KENOVA 138 242835 05TRISTA 138 1	242691	05KENOVA	242835	05TRISTA	1	138	205	AEP	334	466	Base Case	0	-206.7	-	61.9	0	0.02%	0.02%	0.18%	
57	242659 05GRNGST 138 246919 05CHADWICK2 138 1	242659	05GRNGST	246919	05CHADWICK2	1	138	205	AEP	409	527	Base Case	0	252.7	-	61.78	0	-0.09%	-0.09%	0.05%	
58	243250 05BENTON 138 243396 05WESTST 138 1	243250	05BENTON	243396	05WESTST	1	138	205	AEP	167	245	Base Case	0	103.1	-	61.74	0	0.01%	0.01%	-0.01%	
59	242835 05TRISTA 138 243681 05CHADWICK1 138 1	242835	05TRISTA	243681	05CHADWICK1	1	138	205	AEP	251	335	Base Case	0	154.9	-	61.7	0	0.05%	0.05%	0.08%	
60	250081 08OAKLEY 138 250092 08REDBK1 138 1	250081	08OAKLEY	250092	08REDBK1	1	138	212	DEO&K	324	324	Base Case	0	-199.8	-	61.65	0	-0.02%	-0.02%	-0.03%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
61	242928 05MARYSV 765 242939 05MARYSV 345 2	242928	05MARYSV	242939	05MARYSV	2	765/345	205	AEP	1868	1868	Base Case	0	1150.6	-	61.6	0	0.42%	0.42%	0.85%	
62	238822 02INQ-11 138 239324 02CH 138 1	238822	02INQ-11	239324	02CH	1	138	202	ATSI	273	332	Base Case	0	167.9	-	61.51	0	-0.07%	-0.07%	0.04%	
63	242987 05DEXTER 138 246310 05MEIGS SW1Z 138 1	242987	05DEXTER	246310	05MEIGS SW1Z	1	138	205	AEP	329	361	Base Case	0	-201.4	-	61.2	0	0.01%	0.01%	0.20%	
64	243038 05MEIG1Z 138 243084 05RUTLAN 138 1	243038	05MEIG1Z	243084	05RUTLAN	1	138	205	AEP	334	440	Base Case	0	-203.4	-	60.9	0	0.01%	0.01%	0.20%	
65	242576 05CAPITOLH 138 242593 05CHEM 2 138 1	242576	05CAPITOLH	242593	05CHEM 2	1	138	205	AEP	410	568	Base Case	0	-248.7	-	60.65	0	-0.32%	-0.32%	-0.31%	
66	238563 02BAY SH 345 238568 02BAYSHO 138 2	238563	02BAY SH	238568	02BAYSHO	2	345/138	202	ATSI	546	616	Base Case	0	331	-	60.62	0	0.03%	0.03%	0.02%	
67	238581 02BRBRTN 138 239619 02ALCOA 138 1	238581	02BRBRTN	239619	02ALCOA	1	138	202	ATSI	233	282	Base Case	0	141.1	-	60.55	0	-0.08%	-0.08%	0.09%	
68	243062 05NMUSKG 138 247374 05MUSKNG2B 138 1	243062	05NMUSKG	247374	05MUSKNG2B	1	138	205	AEP	223	310	Base Case	0	-135	-	60.52	0	0.14%	0.14%	0.13%	
69	253005 09BATH 138 253085 09URBANA 138 1	253005	09BATH	253085	09URBANA	1	138	209	DAY	163	200	Base Case	0	98.6	-	60.46	0	-0.17%	-0.17%	-0.04%	
70	243038 05MEIG1Z 138 246310 05MEIGS SW1Z 138 1	243038	05MEIG1Z	246310	05MEIGS SW1Z	1	138	205	AEP	334	480	Base Case	0	201.4	-	60.31	0	0.01%	0.01%	0.20%	
71	248013 06PIERCE 345 250086 08PIERCE 138 17	248013	06PIERCE	250086	08PIERCE	17	345/138	206/212	OVEC/DEO&K	515	537	Base Case	0	309.9	-	60.17	0	0.17%	0.17%	0.15%	
72	238766 02GRFD D 138 238767 02GRFD T 138 1	238766	02GRFD D	238767	02GRFD T	1	138	202	ATSI	26	26	Base Case	0	-15.6	-	60.09	0	0.00%	0.00%	0.00%	
73	239093 02SAMMIS 138 239369 02TORONTO 138 1	239093	02SAMMIS	239369	02TORONTO	1	138	202	ATSI	278	339	Base Case	0	-167.1	-	60.09	0	0.20%	0.20%	0.06%	
74	243234 05TWIN B 345 243385 05TWIN B 138 7	243234	05TWIN B	243385	05TWIN B	7	345/138	205	AEP	670	752	Base Case	0	401.6	-	59.93	0	-0.02%	-0.02%	-0.01%	
75	243228 05MERIDN 345 243783 05EWHTLY 345 1	243228	05MERIDN	243783	05EWHTLY	1	345	205	AEP	486	550	Base Case	0	290.5	-	59.77	0	0.00%	0.00%	0.00%	
76	242741 05OTTER 138 314667 4ALTVSTA 138 1	242741	05OTTER	314667	4ALTVSTA	1	138	205/345	AEP/DVP	167	245	Base Case	0	-99.4	-	59.52	0	0.00%	0.00%	0.95%	
77	249984 08ASHLD8 138 250093 08REDBK2 138 1	249984	08ASHLD8	250093	08REDBK2	1	138	212	DEO&K	240	299	Base Case	0	-141.6	-	59.02	0	-0.01%	-0.01%	-0.02%	
78	242807 05SPORN 138 242808 05SPORNS 138 1	242807	05SPORN	242808	05SPORNS	1	138	205	AEP	471	642	Base Case	0	-277.5	-	58.91	0	0.17%	0.17%	0.19%	
79	249577 08ZIMER 345 249580 08ZIMERG 345 Z1	249577	08ZIMER	249580	08ZIMERG	Z1	345	212	DEO&K	1793	1793	Base Case	0	-1053.7	-	58.77	0	-0.66%	-0.66%	-0.66%	
80	250057 08M.FORT 138 249567 08M.FORT 345 9	250057	08M.FORT	249567	08M.FORT	9	138/345	212	DEO&K	422.9	474.8	Base Case	0	-247.5	-	58.51	0	-0.05%	-0.05%	-0.16%	
81	243131 05TILTON 138 243143 05WBELLA 138 1	243131	05TILTON	243143	05WBELLA	1	138	205	AEP	251	335	Base Case	0	-146.8	-	58.5	0	-0.62%	-0.62%	0.01%	
82	250016 08EBNZR 138 250057 08M.FORT 138 1	250016	08EBNZR	250057	08M.FORT	1	138	212	DEO&K	266	266	Base Case	0	-155.6	-	58.49	0	-0.03%	-0.03%	0.00%	
83	243312 05HUMMEL 138 244658 05GRNTWN 138 1	243312	05HUMMEL	244658	05GRNTWN	1	138	205	AEP	219	251	Base Case	0	-127.6	-	58.26	0	-0.07%	-0.07%	-0.01%	
84	242607 05CLOVRD 138 242676 05HUNTCT 138 1	242607	05CLOVRD	242676	05HUNTCT	1	138	205	AEP	251	335	Base Case	0	145.8	-	58.09	0	0.11%	0.11%	-0.17%	
85	243224 05KENZIE 345 243322 05KENZIE 138 1	243224	05KENZIE	243322	05KENZIE	1	345/138	205	AEP	508	535	Base Case	0	295.1	-	58.08	0	-0.02%	-0.02%	-0.01%	
86	249573 08SGROVE 345 250097 08SGROVE 138 1	249573	08SGROVE	250097	08SGROVE	1	345/138	212	DEO&K	495	498	Base Case	0	287.4	-	58.05	0	-0.10%	-0.10%	-0.12%	
87	242687 05JOHNMT 138 242741 05OTTER 138 1	242687	05JOHNMT	242741	05OTTER	1	138	205	AEP	167	245	Base Case	0	-96.2	-	57.61	0	0.00%	0.00%	0.95%	
88	250046 08HINKLE 138 250117 08TRMNL1 138 1	250046	08HINKLE	250117	08TRMNL1	1	138	212	DEO&K	275	275	Base Case	0	-158	-	57.47	0	-0.04%	-0.04%	-0.04%	
89	242606 05CLNLFD 138 242639 05FLETCH 138 1	242606	05CLNLFD	242639	05FLETCH	1	138	205	AEP	223	310	Base Case	0	128.1	-	57.45	0	-0.12%	-0.12%	-0.02%	
90	243049 05NATRIUM12 138 246067 05NATRIUM34 138 Z2	243049	05NATRIUM12	246067	05NATRIUM34	Z2	138	205	AEP	187	240	Base Case	0	-107.1	-	57.3	0	0.06%	0.06%	0.03%	
91	243049 05NATRIUM12 138 246067 05NATRIUM34 138 Z1	243049	05NATRIUM12	246067	05NATRIUM34	Z1	138	205	AEP	187	240	Base Case	0	-107.1	-	57.3	0	0.06%	0.06%	0.03%	
92	249567 08M.FORT 345 250057 08M.FORT 138 10	249567	08M.FORT	250057	08M.FORT	10	345/138	212	DEO&K	442.7	487.9	Base Case	0	253.2	-	57.2	0	-0.05%	-0.05%	-0.16%	
93	243513 05GENOA 138 243591 05SPRNGR 138 1	243513	05GENOA	243591	05SPRNGR	1	138	205	AEP	196	216	Base Case	0	111.9	-	57.1	0	0.04%	0.04%	0.01%	
94	243250 05BENTON 138 243365 05RIVERSIDE1 138 2	243250	05BENTON	243365	05RIVERSIDE1	2	138	205	AEP	136	167	Base Case	0	77.3	-	56.84	0	0.04%	0.04%	0.00%	
95	243547 05MORSE 138 243577 05STELZR 138 1	243547	05MORSE	243577	05STELZR	1	138	205	AEP	187	240	Base Case	0	105.4	-	56.34	0	0.07%	0.07%	0.00%	
96	249574 08TDHNTR 345 250107 08TODM15 138 1	249574	08TDHNTR	250107	08TODM15	1	345/138	212	DEO&K	477	489	Base Case	0	266.8	-	55.94	0	-0.03%	-0.03%	-0.04%	
97	250057 08M.FORT 138 250131 08WILEY2 138 1	250057	08M.FORT	250131	08WILEY2	1	138	212	DEO&K	198	198	Base Case	0	110.3	-	55.68	0	-0.03%	-0.03%	0.01%	
98	238978 02N.STAR 138 239120 02SSPRNG 138 1	238978	02N.STAR	239120	02SSPRNG	1	138	202	ATSI	176	229	Base Case	0	-97.8	-	55.54	0	0.00%	0.00%	0.00%	
99	243396 05WESTST 138 247134 05EWATRV 138 1	243396	05WESTST	247134	05EWATRV	1	138	205	AEP	167	245	Base Case	0	92.5	-	55.36	0	0.00%	0.00%	-0.01%	
100	241901 02LALLENDORF 345 241902 02OREGON 345 ZL	241901	02LALLENDORF	241902	02OREGON	ZL	345	202	ATSI	1195	1195	Base Case	0	-660.7	-	55.29	0	-0.41%	-0.41%	-0.41%	
101	242948 05WBELLA 345 243143 05WBELLA 138 3	242948	05WBELLA	243143	05WBELLA	3	345/138	205	AEP	680	747	Base Case	0	373.9	-	54.99	0	-0.29%	-0.29%	0.04%	
102	238759 02GM WAR 138 239138 02TOD 138 1	238759	02GM WAR	239138	02TOD	1	138	202	ATSI	267	352	Base Case	0	-146.7	-	54.93	0	0.10%	0.10%	0.00%	
103	243529 05KENNY 138 243560 05ROBERT 138 1	243529	05KENNY	243560	05ROBERT	1	138	205	AEP	213	282	Base Case	0	-117	-	54.91	0	-0.10%	-0.10%	-0.05%	
104	249566 08FOSTER 345 250035 08FTRM11 138 1	249566	08FOSTER	250035	08FTRM11	1	345/138	212	DEO&K	492	498	Base Case	0	269.1	-	54.69	0	0.06%	0.06%	0.01%	
105	243062 05NMUSKG 138 243074 05PHILO1 138 1	243062	05NMUSKG	243074	05PHILO1	1	138	205	AEP	219	255	Base Case	0	119.4	-	54.53	0	0.14%	0.14%	0.13%	
106	238538 02APRQ-1 138 238836 02JGSQ13 138 1	238538	02APRQ-1	238836	02JGSQ13	1	138	202	ATSI	205	265	Base Case	0	-111.7	-	54.51	0	0.01%	0.01%	0.01%	
107	250092 08REDBK1 138 249571 08REDBK1 345 1	250092	08REDBK1	249571	08REDBK1	1	138/345	212	DEO&K	489	501	Base Case	0	-265.1	-	54.22	0	-0.05%	-0.05%	-0.06%	
108	243469 05BEATTY 138 926010 AC1-078 TAP 138 1	243469	05BEATTY	926010	AC1-078 TAP	1	138	205/202	AEP/ATSI	200	242	Base Case	0	108.4	-	54.2	0	0.09%	0.09%	0.06%	
109	238823 02INQ-14 138 239242 02HOLT-A 138 1	238823	02INQ-14	239242	02HOLT-A	1	138	202	ATSI	259	304	Base Case	0	140	-	54.05	0	-0.01%	-0.01%	0.02%	
110	242807 05SPORN 138 243084 05RUTLAN 138 1	242807	05SPORN	243084	05RUTLAN	1	138	205	AEP	334	392	Base Case	0	180.2	-	53.95	0	0.03%	0.03%	0.23%	
111	243469 05BEATTY 138 243586 05WHITER 138 1	243469	05BEATTY	243586	05WHITER	1	138	205	AEP	191	209	Base Case	0	103	-	53.94	0	-0.07%	-0.07%	-0.03%	
112	242687 05JOHNMT 138 242734 05NEWLDN 138 1	242687	05JOHNMT	242734	05NEWLDN	1	138	205	AEP	167	240	Base Case	0	89.8	-	53.76	0	0.00%	0.00%	0.95%	
113	238539 02ARMCO 138 238540 02ARMCO+ 138 1	238539	02ARMCO	238540	02ARMCO+	1	138	202	ATSI	159	191	Base Case	0	-85.4	-	53.7	0	0.00%	0.00%	0.00%	
114	242605 05CLNCHR 138 243899 05LOCKHA 138 1	242605	05CLNCHR	243899	05LOCKHA	1	138	205	AEP	223	310	Base Case	0	119.7	-	53.69	0	0.02%	0.02%	0.18%	
115	247797 05STEMPLE 345 247798 Y2-050_STN 345 1	247797	05STEMPLE	247798	Y2-050_STN	1	345	205	AEP	999	999	Base Case	0	-535.4	-	53.59	0	-0.33%	-0.33%	-0.33%	
116	243563 05ROZELL 138 243585 05WAVERL 138 1	243563	05ROZELL	243585	05WAVERL	1	138	205	AEP	223	302	Base Case	0	-119.4	-	53.56	0	-0.08%	-0.08%	0.07%	
117	238504 02GM-PWR-TRN 138 241945 AB1-107 TAP 138 1	238504	02GM-PWR-TRN	241945	AB1-107 TAP	1	138	202	ATSI	278	342	Base Case	0	-148.6	-	53.46	0	0.05%	0.05%	-0.03%	
118	238540 02ARMCO+ 138 238906 02LNGVEW 138 1	238540	02ARMCO+	238906	02LNGVEW	1	138	202	ATSI	160	192	Base Case	0	-85.4	-	53.37	0	0.00%	0.00%	0.00%	
119	238620 02CL Q12 138 239296 02CPPRDG 138 1	238620	02CL Q12	239296	02CPPRDG	1	138	202	ATSI	187	222	Base Case	0	99.7	-	53.33	0	-0.22%	-0.22%	-0.01%	
120	242576 05CAPITOLH 138 247794 05COCO 138 1	242576	05CAPITOLH	247794	05COCO	1	138	205	AEP	257	360	Base Case	0	136.9	-	53.27	0	-0.33%	-0.33%	-0.22%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
121	239107 02SHNAGO 138 239934 02HEASLEY 138 2	239107	02SHNAGO	239934	02HEASLEY	2	138	202	ATSI	176	229	Base Case	0	93.7	-	53.24	0	-0.37%	-0.37%	0.00%	
122	242946 05TIDD 345 253965 15COLLIE 345 1	242946	05TIDD	253965	15COLLIE	1	345	205/215	AEP/DLCO	1229	1391	Base Case	0	650.7	-	52.94	0	-1.16%	-1.16%	0.49%	
123	242583 05CATAWB 138 242607 05CLOVRD 138 1	242583	05CATAWB	242607	05CLOVRD	1	138	205	AEP	205	205	Base Case	0	-108.5	-	52.93	0	0.12%	0.12%	0.23%	
124	242701 05LEESVI 138 242802 05SMITHMTN 138 1	242701	05LEESVI	242802	05SMITHMTN	1	138	205	AEP	205	255	Base Case	0	-108.1	-	52.74	0	-0.12%	-0.12%	-0.48%	
125	250151 08HEBTAP 138 250152 08HEBRNG 138 Z1	250151	08HEBTAP	250152	08HEBRNG	Z1	138	212	DEO&K	309	349	Base Case	0	163	-	52.74	0	-0.06%	-0.06%	-0.04%	
126	243307 05HARTFO 138 247134 05EWATRV 138 1	243307	05HARTFO	247134	05EWATRV	1	138	205	AEP	167	245	Base Case	0	-87.8	-	52.54	0	0.00%	0.00%	-0.01%	
127	243008 05FREMCT 138 243009 05FRMNT 138 1	243008	05FREMCT	243009	05FRMNT	1	138	205	AEP	251	251	Base Case	0	-131.9	-	52.54	0	0.00%	0.00%	-0.17%	
128	250162 08GARVER 138 249582 08GARVER 345 1	250162	08GARVER	249582	08GARVER	1	138/345	212	DEO&K	478	478	Base Case	0	-249.8	-	52.26	0	-0.02%	-0.02%	-0.03%	
129	242838 05TWELVE 138 243904 05MARIETT 138 1	242838	05TWELVE	243904	05MARIETT	1	138	205	AEP	695	695	Base Case	0	362.8	-	52.21	0	-0.23%	-0.23%	-0.23%	
130	238977 02N MED 138 239197 02BUCKEY 138 1	238977	02N MED	239197	02BUCKEY	1	138	202	ATSI	233	282	Base Case	0	121.5	-	52.13	0	-0.13%	-0.13%	-0.01%	
131	243767 05GLOBE 138 246399 05GLOBE MT Z 138 1	243767	05GLOBE	246399	05GLOBE MT Z	1	138	205	AEP	167	167	Base Case	0	-86.8	-	51.98	0	0.00%	0.00%	0.00%	
132	243049 05NATRIUM12 138 243775 05PITTPL 138 1	243049	05NATRIUM12	243775	05PITTPL	1	138	205	AEP	143	153	Base Case	0	74.2	-	51.85	0	0.00%	0.00%	0.00%	
133	242940 05MUSKNG 345 242941 05OHIOCT 345 1	242940	05MUSKNG	242941	05OHIOCT	1	345	205	AEP	1025	1318	Base Case	0	530.3	-	51.73	0	0.72%	0.72%	0.53%	
134	249574 08TDHNTR 345 250109 08TODM17 138 1	249574	08TDHNTR	250109	08TODM17	1	345/138	212	DEO&K	491	503	Base Case	0	253.1	-	51.55	0	-0.03%	-0.03%	-0.04%	
135	249574 08TDHNTR 345 250108 08TODM16 138 1	249574	08TDHNTR	250108	08TODM16	1	345/138	212	DEO&K	492	504	Base Case	0	253.6	-	51.55	0	-0.03%	-0.03%	-0.04%	
136	242938 05MARQUI 345 246888 05BIERSR 345 1	242938	05MARQUI	246888	05BIERSR	1	345	205	AEP	1390	1390	Base Case	0	716.4	-	51.54	0	-0.36%	-0.37%	0.70%	
137	242932 05CANTNC 345 247797 05STEMPLE 345 1	242932	05CANTNC	247797	05STEMPLE	1	345	205	AEP	1409	1409	Base Case	0	-725.8	-	51.51	0	0.14%	0.14%	-0.16%	
138	243247 05AUBURN 138 255125 17DEKALB 138 1	243247	05AUBURN	255125	17DEKALB	1	138	205/217	AEP/NIPS	45	45	Base Case	0	23.2	-	51.48	0	0.01%	0.01%	0.01%	
139	250046 08HINKLE 138 250074 08MTCHL4 138 1	250046	08HINKLE	250074	08MTCHL4	1	138	212	DEO&K	275	275	Base Case	0	141.1	-	51.31	0	-0.04%	-0.04%	-0.04%	
140	249988 08BKJ135 138 250086 08PIERCE 138 1	249988	08BKJ135	250086	08PIERCE	1	138	212	DEO&K	603	603	Base Case	0	-309.3	-	51.3	0	0.17%	0.17%	0.15%	
141	239161 02WAKRON 138 239619 02ALCOA 138 1	239161	02WAKRON	239619	02ALCOA	1	138	202	ATSI	270	332	Base Case	0	-138.5	-	51.28	0	-0.08%	-0.08%	0.09%	
142	249571 08REDBK1 345 250093 08REDBK2 138 1	249571	08REDBK1	250093	08REDBK2	1	345/138	212	DEO&K	485	497	Base Case	0	248.2	-	51.18	0	-0.04%	-0.04%	-0.06%	
143	246481 05NMUSKG_BP 138 246490 05PHILO_BP 138 1	246481	05NMUSKG_BP	246490	05PHILO_BP	1	138	205	AEP	187	240	Base Case	0	95.6	-	51.15	0	-0.15%	-0.15%	0.10%	
144	242855 05WYOMIN 138 247004 05GUYAND 138 1	242855	05WYOMIN	247004	05GUYAND	1	138	205	AEP	205	284	Base Case	0	104.2	-	50.81	0	-0.08%	-0.08%	-0.01%	
145	243473 05BIXBY 138 243536 05LS-II 138 1	243473	05BIXBY	243536	05LS-II	1	138	205	AEP	196	247	Base Case	0	99.6	-	50.81	0	0.07%	0.07%	0.00%	
146	242537 05AMOS 138 242538 05AMOS_6_XFL 138 1	242537	05AMOS	242538	05AMOS_6_XFL	1	138	205	AEP	696	747	Base Case	0	-352.7	-	50.68	0	-0.15%	-0.15%	-0.18%	
147	242689 05KANAWHA1 138 247092 05KANAWH_BSZ 138 ZL	242689	05KANAWHA1	247092	05KANAWH_BSZ	ZL	138	205	AEP	285	368	Base Case	0	-144.3	-	50.64	0	-0.12%	-0.12%	0.04%	
148	243034 05MARQUI 138 243501 05E.BEAV 138 1	243034	05MARQUI	243501	05E.BEAV	1	138	205	AEP	223	310	Base Case	0	112.8	-	50.6	0	-0.08%	-0.08%	0.00%	
149	242997 05E.NEWCONCZ 138 246490 05PHILO_BP 138 1	242997	05E.NEWCONCZ	246490	05PHILO_BP	1	138	205	AEP	187	240	Base Case	0	-94.3	-	50.44	0	-0.15%	-0.15%	0.10%	
150	247780 05KLINE 138 255163 17NORTHEAST 138 1	247780	05KLINE	255163	17NORTHEAST	1	138	205/217	AEP/NIPS	185	229	Base Case	0	93.2	-	50.39	0	-0.07%	-0.07%	-0.07%	
151	243549 05MULBRY 138 243563 05ROZELL 138 1	243549	05MULBRY	243563	05ROZELL	1	138	205	AEP	223	310	Base Case	0	-112.4	-	50.39	0	-0.08%	-0.08%	0.07%	
152	243302 05GRANT 138 244658 05GRNTWN 138 1	243302	05GRANT	244658	05GRNTWN	1	138	205	AEP	251	335	Base Case	0	-126.4	-	50.35	0	-0.07%	-0.07%	-0.05%	
153	243224 05KENZIE 345 270139 AA2-116_TAP2 345 1	243224	05KENZIE	270139	AA2-116_TAP2	1	345	205	AEP	1409	1409	Base Case	0	-708.5	-	50.29	0	-0.17%	-0.17%	-0.28%	
154	249989 08BKJ246 138 250143 08PRCE18 138 1	249989	08BKJ246	250143	08PRCE18	1	138	212	DEO&K	603	603	Base Case	0	-303	-	50.25	0	0.14%	0.14%	0.14%	
155	238568 02BAYSHO 138 239029 02OREGON 138 1	238568	02BAYSHO	239029	02OREGON	1	138	202	ATSI	287	342	Base Case	0	144.1	-	50.21	0	0.00%	0.00%	-0.03%	
156	242637 05FLATWO 138 247794 05COCO 138 1	242637	05FLATWO	247794	05COCO	1	138	205	AEP	219	255	Base Case	0	-109.9	-	50.2	0	-0.29%	-0.29%	0.03%	
157	246352 05HAVILAND2 138 246950 05TIMBSS 138 1	246352	05HAVILAND2	246950	05TIMBSS	1	138	205	AEP	187	240	Base Case	0	-93.5	-	50.01	0	-0.17%	-0.17%	-0.05%	
158	250091 08RCHLE3 138 250118 08TRMNL2 138 1	250091	08RCHLE3	250118	08TRMNL2	1	138	212	DEO&K	268	275	Base Case	0	-133.9	-	49.95	0	-0.02%	-0.02%	-0.05%	
159	243855 05JUG ST 345 243856 05JUG ST 1-6 138 5	243855	05JUG ST	243856	05JUG ST 1-6	5	345/138	205	AEP	515	544	Base Case	0	257.2	-	49.94	0	0.01%	0.01%	0.01%	
160	242575 05CAMDLM 138 242802 05SMITHMTN 138 1	242575	05CAMDLM	242802	05SMITHMTN	1	138	205	AEP	205	255	Base Case	0	-102.2	-	49.87	0	-0.06%	-0.06%	0.37%	
161	250105 08TDHNTR 138 250116 08TRENTON_1 138 1	250105	08TDHNTR	250116	08TRENTON_1	1	138	212	DEO&K	302	302	Base Case	0	150.5	-	49.83	0	0.04%	0.04%	0.04%	
162	238847 02JP 138 240854 02CLIFFS_NR 138 1	238847	02JP	240854	02CLIFFS_NR	1	138	202	ATSI	312	380	Base Case	0	-155.4	-	49.8	0	0.07%	0.07%	-0.01%	
163	246751 05VASSEL 765 247728 05VASSEL_XFL 345 1	246751	05VASSEL	247728	05VASSEL_XFL	1	765/345	205	AEP	2403	2772	Base Case	0	1196.4	-	49.79	0	0.93%	0.93%	0.38%	
164	240359 02BENTLEYQ1 138 241927 02AVQ1 138 1	240359	02BENTLEYQ1	241927	02AVQ1	1	138	202	ATSI	278	339	Base Case	0	-138.3	-	49.77	0	-0.25%	-0.25%	-0.03%	
165	242685 05J.FERX 138 242745 05PEAKCK 138 1	242685	05J.FERX	242745	05PEAKCK	1	138	205	AEP	251	335	Base Case	0	124.8	-	49.74	0	-0.10%	-0.10%	-0.16%	
166	243685 05DORTON 138 243899 05LOCKHA 138 1	243685	05DORTON	243899	05LOCKHA	1	138	205	AEP	223	310	Base Case	0	-110.9	-	49.73	0	0.02%	0.02%	0.18%	
167	250052 08KYUNIV 138 250097 08SGROVE 138 1	250052	08KYUNIV	250097	08SGROVE	1	138	212	DEO&K	275	275	Base Case	0	-136.8	-	49.73	0	-0.01%	-0.01%	0.00%	
168	243055 05NEGLEY 138 243092 05SCANTO 138 1	243055	05NEGLEY	243092	05SCANTO	1	138	205	AEP	251	335	Base Case	0	-124.6	-	49.64	0	-0.08%	-0.08%	0.05%	
169	242728 05MULLNV 138 247004 05GUYAND 138 1	242728	05MULLNV	247004	05GUYAND	1	138	205	AEP	205	284	Base Case	0	-101.7	-	49.59	0	-0.08%	-0.08%	-0.01%	
170	243127 05TIDD 1-2 138 247016 05GABLSS 138 1	243127	05TIDD 1-2	247016	05GABLSS	1	138	205	AEP	287	337	Base Case	0	141.8	-	49.39	0	0.32%	0.32%	-0.04%	
171	242689 05KANAWHA1 138 247068 05KANAWH_ASZ 138 ZU	242689	05KANAWHA1	247068	05KANAWH_ASZ	ZU	138	205	AEP	285	337	Base Case	0	-140.7	-	49.37	0	-0.12%	-0.12%	0.04%	
172	241930 02AVQ4 138 238551 02AVON 345 92	241930	02AVQ4	238551	02AVON	92	138/345	202	ATSI	546	614	Base Case	0	-269.5	-	49.36	0	-0.43%	-0.43%	-0.07%	
173	238797 02HGHLND 138 239138 02TOD 138 1	238797	02HGHLND	239138	02TOD	1	138	202	ATSI	329	413	Base Case	0	162.3	-	49.32	0	0.10%	0.10%	0.00%	
174	242980 05CANTNC 138 243139 05WAGENHALS2 138 2	242980	05CANTNC	243139	05WAGENHALS2	2	138	205	AEP	296	392	Base Case	0	145.4	-	49.14	0	0.06%	0.06%	-0.04%	
175	238724 02FMEAST 138 239242 02HOLT-A 138 1	238724	02FMEAST	239242	02HOLT-A	1	138	202	ATSI	194	237	Base Case	0	-94.7	-	48.83	0	-0.08%	-0.08%	0.02%	
176	238506 02DIXIE 138 238847 02JP 138 1	238506	02DIXIE	238847	02JP	1	138	202	ATSI	242	296	Base Case	0	-118.1	-	48.81	0	0.07%	0.07%	-0.01%	
177	249570 08P.UNON 345 250083 08P.UN2 138 1	249570	08P.UNON	250083	08P.UN2	1	345/138	212	DEO&K	500	500	Base Case	0	243.9	-	48.77	0	0.01%	0.01%	0.01%	
178	243458 05HYATT 345 243526 05HYATT 138 1	243458	05HYATT	243526	05HYATT	1	345/138	205	AEP	321	363	Base Case	0	156.5	-	48.74	0	-0.04%	-0.04%	-0.05%	
179	243088 05S.POINT1 138 245948 05MILLBR PK2 138 1	243088	05S.POINT1	245948	05MILLBR PK2	1	138	205	AEP	136	167	Base Case	0	66.1	-	48.62	0	0.07%	0.07%	0.15%	
180	242968 05BRUES 138 243143 05WBELLA 138 2	242968	05BRUES	243143	05WBELLA	2	138	205	AEP	205	284	Base Case	0	-99.4	-	48.49	0	-0.02%	-0.02%	0.05%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
181	242980 05CANTNC 138 246267 05WAGENHALS1 138 1	242980	05CANTNC	246267	05WAGENHALS1	1	138	205	AEP	296	392	Base Case	0	143.5	-	48.47	0	0.06%	0.06%	-0.03%	
182	243542 05MIFFIN 138 243577 05STELZR 138 1	243542	05MIFFIN	243577	05STELZR	1	138	205	AEP	209	209	Base Case	0	-101.3	-	48.45	0	0.07%	0.07%	0.00%	
183	242969 05BRUES2 138 243143 05WBELLA 138 1	242969	05BRUES2	243143	05WBELLA	1	138	205	AEP	205	284	Base Case	0	-99.3	-	48.45	0	-0.02%	-0.02%	0.05%	
184	239353 02HARMON 345 242943 05SCANTO 345 1	239353	02HARMON	242943	05SCANTO	1	345	202/205	ATSI/AEP	1409	1868	Base Case	0	-680.8	-	48.32	0	0.06%	0.06%	0.87%	
185	249991 08BUFTN1 138 249564 08BUFTN1 345 1	249991	08BUFTN1	249564	08BUFTN1	1	138/345	212	DEO&K	485	498	Base Case	0	-233.6	-	48.17	0	0.05%	0.05%	0.02%	
186	243678 05BSANDX 138 243679 05BUSSYV 138 1	243678	05BSANDX	243679	05BUSSYV	1	138	205	AEP	223	310	Base Case	0	107.4	-	48.15	0	0.04%	0.04%	-0.08%	
187	243034 05MARQUI 138 243544 05MILPRD 138 2	243034	05MARQUI	243544	05MILPRD	2	138	205	AEP	223	310	Base Case	0	107.2	-	48.06	0	0.01%	0.01%	0.07%	
188	238730 02FORTIN 138 239310 02BPHUSKY 138 1	238730	02FORTIN	239310	02BPHUSKY	1	138	202	ATSI	241	292	Base Case	0	-115.7	-	47.99	0	0.07%	0.07%	-0.01%	
189	243034 05MARQUI 138 243585 05WAVERL 138 1	243034	05MARQUI	243585	05WAVERL	1	138	205	AEP	223	302	Base Case	0	107	-	47.97	0	0.01%	0.01%	0.07%	
190	244658 05GRNTWN 138 249800 08MIER 138 1	244658	05GRNTWN	249800	08MIER	1	138	205/208	AEP/DEI	243	243	Base Case	0	116.5	-	47.95	0	-0.02%	-0.02%	0.03%	
191	250067 08MLHSR2 138 250082 08P.UN1 138 1	250067	08MLHSR2	250082	08P.UN1	1	138	212	DEO&K	198	198	Base Case	0	-94.8	-	47.87	0	0.02%	0.02%	-0.01%	
192	249999 08CNSTNC 138 250044 08HEBRN2 138 1	249999	08CNSTNC	250044	08HEBRN2	1	138	212	DEO&K	238	238	Base Case	0	-113.8	-	47.82	0	-0.05%	-0.05%	-0.01%	
193	253024 09ESIDNY 138 253068 09SHELBY 138 1	253024	09ESIDNY	253068	09SHELBY	1	138	209	DAY	163	229	Base Case	0	-77.9	-	47.77	0	-0.09%	-0.09%	-0.04%	
194	243469 05BEATTY 138 243540 05MCCOMB 138 1	243469	05BEATTY	243540	05MCCOMB	1	138	205	AEP	216	243	Base Case	0	103	-	47.7	0	-0.08%	-0.08%	-0.02%	
195	238614 02CFQ-14 138 241926 02ASTORQ14 138 1	238614	02CFQ-14	241926	02ASTORQ14	1	138	202	ATSI	176	229	Base Case	0	-83.9	-	47.68	0	-0.15%	-0.15%	-0.02%	
196	242807 05SPORN 138 243559 05RIO Z 138 1	242807	05SPORN	243559	05RIO Z	1	138	205	AEP	185	185	Base Case	0	88.1	-	47.6	0	0.06%	0.06%	0.06%	
197	243208 05JEFRSO 765 243209 05ROCKPT 765 1	243208	05JEFRSO	243209	05ROCKPT	1	765	205	AEP	3854	3854	Base Case	0	-1833.9	-	47.59	0	-1.79%	-1.79%	-1.35%	
198	243006 05FOSTOR 138 247172 05EBERSO 138 1	243006	05FOSTOR	247172	05EBERSO	1	138	205	AEP	167	245	Base Case	0	79.5	-	47.58	0	0.11%	0.11%	-0.07%	
199	238759 02GM WAR 138 238999 02NFALLS 138 1	238759	02GM WAR	238999	02NFALLS	1	138	202	ATSI	267	352	Base Case	0	127	-	47.57	0	0.10%	0.10%	0.00%	
200	238620 02CL Q12 138 241935 02CLINTON 138 ZL	238620	02CL Q12	241935	02CLINTON	ZL	138	202	ATSI	260	309	Base Case	0	-123.6	-	47.53	0	-0.22%	-0.22%	-0.01%	
201	242560 05BONSCK 138 242607 05CLOVRD 138 1	242560	05BONSCK	242607	05CLOVRD	1	138	205	AEP	205	284	Base Case	0	-97.4	-	47.53	0	0.07%	0.07%	-0.12%	
202	242936 05FOSTOR 345 243006 05FOSTOR 138 1	242936	05FOSTOR	243006	05FOSTOR	1	345/138	205	AEP	504	540	Base Case	0	239.3	-	47.47	0	-0.05%	-0.05%	-0.05%	
203	250027 08FLRNC1 138 250173 08WDSPNT 138 1	250027	08FLRNC1	250173	08WDSPNT	1	138	212	DEO&K	266	266	Base Case	0	126.2	-	47.44	0	0.04%	0.04%	0.07%	
204	248013 06PIERCE 345 249566 08FOSTER 345 1	248013	06PIERCE	249566	08FOSTER	1	345	206/212	OVEC/DEO&K	1097	1204	Base Case	0	518.5	-	47.27	0	0.29%	0.29%	0.63%	
205	238634 02COMERC 138 238797 02HGHLND 138 1	238634	02COMERC	238797	02HGHLND	1	138	202	ATSI	127	158	Base Case	0	-60	-	47.26	0	0.11%	0.11%	-0.08%	
206	243691 05HAYSBR 138 243698 05MORGFK 138 1	243691	05HAYSBR	243698	05MORGFK	1	138	205	AEP	68	68	Base Case	0	-32.1	-	47.14	0	0.00%	0.00%	0.00%	
207	249988 08BKJ135 138 249997 08CLRMT2 138 1	249988	08BKJ135	249997	08CLRMT2	1	138	212	DEO&K	318	318	Base Case	0	149.7	-	47.08	0	0.03%	0.03%	0.03%	
208	243544 05MILPRD 138 243585 05WAVERL 138 2	243544	05MILPRD	243585	05WAVERL	2	138	205	AEP	223	302	Base Case	0	105	-	47.07	0	0.01%	0.01%	0.07%	
209	238636 02CPPW41 138 239296 02CPPRDG 138 1	238636	02CPPW41	239296	02CPPRDG	1	138	202	ATSI	194	237	Base Case	0	-91.2	-	47	0	-0.22%	-0.22%	-0.01%	
210	238976 02N MED 345 238977 02N MED 138 1	238976	02N MED	238977	02N MED	1	345/138	202	ATSI	347	415	Base Case	0	162.5	-	46.82	0	-0.18%	-0.18%	-0.05%	
211	248002 06DEARB2 345 249564 08BUFTN1 345 1	248002	06DEARB2	249564	08BUFTN1	1	345	206/212	OVEC/DEO&K	971	971	Base Case	0	454.1	-	46.77	0	-0.22%	-0.22%	-0.02%	
212	243089 05SBALTM 138 243150 05WMILLP 138 1	243089	05SBALTM	243150	05WMILLP	1	138	205	AEP	167	167	Base Case	0	-78.1	-	46.77	0	-0.03%	-0.03%	-0.02%	
213	238574 02BELPT+ 138 239134 02TANGY 138 1	238574	02BELPT+	239134	02TANGY	1	138	202	ATSI	160	192	Base Case	0	-74.8	-	46.76	0	0.09%	0.09%	0.01%	
214	239197 02BUCKEY 138 239618 02LAUREL 138 1	239197	02BUCKEY	239618	02LAUREL	1	138	202	ATSI	233	282	Base Case	0	108.9	-	46.73	0	-0.13%	-0.13%	-0.01%	
215	243534 05LICK 138 244540 05RHODES 138 1	243534	05LICK	244540	05RHODES	1	138	205	AEP	219	231	Base Case	0	102.2	-	46.67	0	-0.04%	-0.04%	0.08%	
216	243146 05WHEBRO 138 243150 05WMILLP 138 1	243146	05WHEBRO	243150	05WMILLP	1	138	205	AEP	167	245	Base Case	0	-77.4	-	46.36	0	0.04%	0.04%	0.02%	
217	238563 02BAY SH 345 238568 02BAYSHO 138 1	238563	02BAY SH	238568	02BAYSHO	1	345/138	202	ATSI	564	673	Base Case	0	261.4	-	46.35	0	0.02%	0.02%	0.02%	
218	243278 05DESOTO 138 243369 05ROYERTON 138 1	243278	05DESOTO	243369	05ROYERTON	1	138	205	AEP	219	223	Base Case	0	101.3	-	46.27	0	0.02%	0.02%	0.02%	
219	253068 09SHELBY 138 253071 09SIDNEY 138 1	253068	09SHELBY	253071	09SIDNEY	1	138	209	DAY	221	272	Base Case	0	102.2	-	46.24	0	0.05%	0.05%	0.00%	
220	246927 05SAND H 138 247468 05CRICKET SS 138 1	246927	05SAND H	247468	05CRICKET SS	1	138	205	AEP	219	255	Base Case	0	101.2	-	46.22	0	0.00%	0.00%	0.00%	
221	247006 05KENZIE_BP 345 270138 AA2-116_TAP1 345 1	247006	05KENZIE_BP	270138	AA2-116_TAP1	1	345	205	AEP	1409	1409	Base Case	0	-650.7	-	46.18	0	-0.48%	-0.48%	-0.41%	
222	243534 05LICK 138 243559 05RIO Z 138 1	243534	05LICK	243559	05RIO Z	1	138	205	AEP	150	212	Base Case	0	-69.2	-	46.17	0	0.06%	0.06%	0.08%	
223	243322 05KENZIE 138 243360 05POKAGO 138 1	243322	05KENZIE	243360	05POKAGO	1	138	205	AEP	293	341	Base Case	0	135.2	-	46.13	0	-0.01%	-0.01%	-0.03%	
224	242693 05KEYWSS 138 242850 05WOLFH1 138 1	242693	05KEYWSS	242850	05WOLFH1	1	138	205	AEP	167	245	Base Case	0	-77	-	46.11	0	-0.10%	-0.10%	0.00%	
225	238678 02EAKRON 138 238787 02HAYES+ 138 1	238678	02EAKRON	238787	02HAYES+	1	138	202	ATSI	233	282	Base Case	0	107.3	-	46.05	0	0.10%	0.10%	0.07%	
226	243264 05CONCOR 138 243266 05COUNTR 138 1	243264	05CONCOR	243266	05COUNTR	1	138	205	AEP	167	167	Base Case	0	76.9	-	46.04	0	-0.09%	-0.09%	-0.06%	
227	238850 02JUNIPE 345 238840 02JNPRQ1 138 5	238850	02JUNIPE	238840	02JNPRQ1	5	345/138	202	ATSI	360	414	Base Case	0	165.7	-	46.04	0	-0.02%	-0.02%	0.03%	
228	243347 05TIDD 3-4 138 243779 05WHELGS 138 1	243347	05TIDD 3-4	243779	05WHELGS	1	138	205	AEP	187	205	Base Case	0	86.1	-	46.03	0	0.00%	0.00%	0.00%	
229	243063 05N.NEWARK1 138 243079 05REFORM 138 1	243063	05N.NEWARK1	243079	05REFORM	1	138	205	AEP	202	202	Base Case	0	-92.9	-	45.97	0	0.09%	0.09%	-0.03%	
230	238796 02HGHLND 345 923061 AB1-105 TAP 345 1	238796	02HGHLND	923061	AB1-105 TAP	1	345	202	ATSI	1413	1743	Base Case	0	648.5	-	45.9	0	0.78%	0.78%	-0.10%	
231	243220 05E.ELKHART 345 247006 05KENZIE_BP 345 1	243220	05E.ELKHART	247006	05KENZIE_BP	1	345	205	AEP	1409	1409	Base Case	0	-646.4	-	45.88	0	-0.48%	-0.48%	-0.41%	
232	238781 02HANNA 345 923061 AB1-105 TAP 345 1	238781	02HANNA	923061	AB1-105 TAP	1	345	202	ATSI	1413	1743	Base Case	0	-647.9	-	45.85	0	0.78%	0.78%	-0.10%	
233	243055 05NEGLEY 138 243078 05REEDUR 138 1	243055	05NEGLEY	243078	05REEDUR	1	138	205	AEP	251	335	Base Case	0	115.1	-	45.85	0	-0.08%	-0.08%	0.05%	
234	238642 02CRSLND 138 238944 02MASURY 138 1	238642	02CRSLND	238944	02MASURY	1	138	202	ATSI	200	242	Base Case	0	91.6	-	45.78	0	0.14%	0.14%	-0.04%	
235	242523 05BAKER 345 247229 05RIVRSD GEN 345 1	242523	05BAKER	247229	05RIVRSD GEN	1	345	205	AEP	896	896	Base Case	0	-410.2	-	45.78	0	-0.26%	-0.26%	-0.26%	
236	238741 02FWLSQ3 138 240365 02LRN Q3 138 1	238741	02FWLSQ3	240365	02LRN Q3	1	138	202	ATSI	176	229	Base Case	0	-80.4	-	45.7	0	-0.26%	-0.26%	-0.03%	
237	242648 05GARDEC 138 242801 05SKEGGS BRZ 138 1	242648	05GARDEC	242801	05SKEGGS BRZ	1	138	205	AEP	223	310	Base Case	0	-101.9	-	45.68	0	-0.12%	-0.12%	-0.02%	
238	253024 09ESIDNY 138 253065 09QUINCY 138 1	253024	09ESIDNY	253065	09QUINCY	1	138	209	DAY	163	229	Base Case	0	74.4	-	45.62	0	-0.09%	-0.09%	-0.04%	
239	238850 02JUNIPE 345 238842 02JNPRQ3 138 3	238850	02JUNIPE	238842	02JNPRQ3	3	345/138	202	ATSI	374	471	Base Case	0	170.5	-	45.58	0	0.00%	0.00%	0.04%	
240	243006 05FOSTOR 138 247172 05EBERSO 138 2	243006	05FOSTOR	247172	05EBERSO	2	138	205	AEP	150	204	Base Case	0	68.3	-	45.57	0	0.09%	0.09%	-0.06%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
241	243385 05TWIN B 138 243517 05CAP AV 138 1	243385	05TWIN B	243517	05CAP AV	1	138	205	AEP	205	284	Base Case	0	93	-	45.38	0	-0.04%	-0.04%	-0.02%	
242	238832 02JACKMA 138 239219 02SMUCKER 1 138 1	238832	02JACKMA	239219	02SMUCKER 1	1	138	202	ATSI	241	292	Base Case	0	-109	-	45.23	0	0.05%	0.05%	-0.03%	
243	243547 05MORSE 138 243591 05SPRNGR 138 1	243547	05MORSE	243591	05SPRNGR	1	138	205	AEP	195	223	Base Case	0	-88.1	-	45.18	0	0.04%	0.04%	0.01%	
244	238750 02GDYR + 138 238787 02HAYES+ 138 ZL	238750	02GDYR +	238787	02HAYES+	ZL	138	202	ATSI	233	282	Base Case	0	-105.1	-	45.1	0	0.10%	0.10%	0.07%	
245	242943 05SCANTO 345 243092 05SCANTO 138 4	242943	05SCANTO	243092	05SCANTO	4	345/138	205	AEP	695	695	Base Case	0	313.4	-	45.09	0	0.31%	0.31%	0.03%	
246	253026 09GREENE 138 253040 09KNOLLW 138 1	253026	09GREENE	253040	09KNOLLW	1	138	209	DAY	306	380	Base Case	0	137.6	-	44.97	0	0.07%	0.07%	0.07%	
247	239092 02SAMMIS 345 253902 15BVRVAL 345 1	239092	02SAMMIS	253902	15BVRVAL	1	345	202/215	ATSI/DLCO	1413	1743	Base Case	0	635.4	-	44.97	0	0.71%	0.71%	0.77%	
248	243473 05BIXBY 138 243480 05BUCKEY 138 1	243473	05BIXBY	243480	05BUCKEY	1	138	205	AEP	184	184	Base Case	0	82.7	-	44.95	0	0.04%	0.04%	0.02%	
249	253027 09GREENE 345 253026 09GREENE 138 2	253027	09GREENE	253026	09GREENE	2	345/138	209	DAY	448	493	Base Case	0	201.2	-	44.91	0	0.02%	0.02%	0.05%	
250	246927 05SAND H 138 246928 05WARTON H1 138 1	246927	05SAND H	246928	05WARTON H1	1	138	205	AEP	219	255	Base Case	0	98.3	-	44.9	0	0.00%	0.00%	0.00%	
251	243347 05TIDD 3-4 138 243779 05WHELGS 138 2	243347	05TIDD 3-4	243779	05WHELGS	2	138	205	AEP	187	205	Base Case	0	83.9	-	44.88	0	0.00%	0.00%	0.00%	
252	249991 08BUFTN1 138 249564 08BUFTN1 345 46	249991	08BUFTN1	249564	08BUFTN1	46	138/345	212	DEO&K	545	559	Base Case	0	-244	-	44.78	0	0.05%	0.05%	0.02%	
253	243092 05SCANTO 138 243134 05W.CANTON1 138 1	243092	05SCANTO	243134	05W.CANTON1	1	138	205	AEP	219	255	Base Case	0	97.9	-	44.71	0	-0.07%	-0.07%	0.05%	
254	242728 05MULLNV 138 242754 05PINNAC 138 1	242728	05MULLNV	242754	05PINNAC	1	138	205	AEP	205	255	Base Case	0	91.6	-	44.7	0	-0.08%	-0.08%	-0.01%	
255	242522 05AMOS 345 242525 05KANAWH 345 1	242522	05AMOS	242525	05KANAWH	1	345	205	AEP	897	897	Base Case	0	400.7	-	44.67	0	-0.51%	-0.51%	-1.09%	
256	242691 05KENOVA 138 243088 05S.POINT1 138 1	242691	05KENOVA	243088	05S.POINT1	1	138	205	AEP	302	366	Base Case	0	134.9	-	44.66	0	0.00%	0.00%	0.19%	
257	244672 05ROB PK_XFL 138 245476 05ROB PK34 138 Z1	244672	05ROB PK_XFL	245476	05ROB PK34	Z1	138	205	AEP	766	898	Base Case	0	340.9	-	44.51	0	-0.07%	-0.07%	0.00%	
258	238580 02BRADY 138 238782 02HANNA 138 1	238580	02BRADY	238782	02HANNA	1	138	202	ATSI	200	242	Base Case	0	-89	-	44.49	0	0.03%	0.03%	0.02%	
259	238834 02JGSQ11 138 239226 02STYDCOQ11 138 ZL	238834	02JGSQ11	239226	02STYDCOQ11	ZL	138	202	ATSI	265	349	Base Case	0	-117.6	-	44.39	0	0.01%	0.01%	0.02%	
260	243501 05E.BEAV 138 243534 05LICK 138 1	243501	05E.BEAV	243534	05LICK	1	138	205	AEP	219	255	Base Case	0	97.2	-	44.39	0	-0.09%	-0.09%	0.02%	
261	238535 02APQ-2 138 238834 02JGSQ11 138 1	238535	02APQ-2	238834	02JGSQ11	1	138	202	ATSI	265	287	Base Case	0	-117.6	-	44.38	0	0.01%	0.01%	0.02%	
262	243377 05SORENS 138 247132 05ELLISN 138 1	243377	05SORENS	247132	05ELLISN	1	138	205	AEP	293	341	Base Case	0	129.9	-	44.33	0	-0.04%	-0.04%	0.02%	
263	238568 02BAYSHO 138 239310 02BPHUSKY 138 2	238568	02BAYSHO	239310	02BPHUSKY	2	138	202	ATSI	241	292	Base Case	0	106.7	-	44.26	0	0.02%	0.02%	-0.02%	
264	243516 05GREIF 138 243525 05HUNTLEY1 138 1	243516	05GREIF	243525	05HUNTLEY1	1	138	205	AEP	196	247	Base Case	0	86.8	-	44.26	0	0.01%	0.01%	-0.01%	
265	243453 05BEATTY 345 243469 05BEATTY 138 4	243453	05BEATTY	243469	05BEATTY	4	345/138	205	AEP	675	675	Base Case	0	298	-	44.14	0	-0.13%	-0.13%	-0.06%	
266	242567 05BROADX 138 242803 05SMYTH 138 1	242567	05BROADX	242803	05SMYTH	1	138	205	AEP	251	334	Base Case	0	110.4	-	43.97	0	-0.19%	-0.19%	-0.33%	
267	243526 05HYATT 138 243537 05MALIS 138 2	243526	05HYATT	243537	05MALIS	2	138	205	AEP	338	407	Base Case	0	-148.5	-	43.94	0	0.13%	0.13%	0.07%	
268	246928 05WARTON H1 138 247251 05CALISS 138 1	246928	05WARTON H1	247251	05CALISS	1	138	205	AEP	173	173	Base Case	0	76	-	43.94	0	0.00%	0.00%	0.00%	
269	243266 05COUNTR 138 247433 05CHARGER 138 1	243266	05COUNTR	247433	05CHARGER	1	138	205	AEP	167	167	Base Case	0	73.4	-	43.92	0	-0.09%	-0.09%	-0.06%	
270	243526 05HYATT 138 243537 05MALIS 138 1	243526	05HYATT	243537	05MALIS	1	138	205	AEP	223	310	Base Case	0	-97.9	-	43.9	0	0.09%	0.09%	0.05%	
271	243052 05NECANT 138 243139 05WAGENHALS2 138 1	243052	05NECANT	243139	05WAGENHALS2	1	138	205	AEP	205	255	Base Case	0	-89.8	-	43.82	0	0.03%	0.03%	0.01%	
272	242580 05CARBND 138 242689 05KANAWHA1 138 1	242580	05CARBND	242689	05KANAWHA1	1	138	205	AEP	251	335	Base Case	0	-109.9	-	43.77	0	-0.31%	-0.31%	0.02%	
273	249567 08M.FORT 345 253090 09WMILTN 345 1	249567	08M.FORT	253090	09WMILTN	1	345	212/209	DEO&K/DAY	1195	1195	Base Case	0	522.1	-	43.69	0	-0.47%	-0.47%	-0.04%	
274	242663 05HANCK1 138 242708 05M FUNK 138 1	242663	05HANCK1	242708	05M FUNK	1	138	205	AEP	205	284	Base Case	0	-89.5	-	43.68	0	-0.05%	-0.05%	-0.28%	
275	238950 02MBQ-13 138 241924 02ELQ4 138 1	238950	02MBQ-13	241924	02ELQ4	1	138	202	ATSI	278	287	Base Case	0	-120.8	-	43.46	0	0.01%	0.01%	0.00%	
276	243233 05TANNER 345 249567 08M.FORT 345 1	243233	05TANNER	249567	08M.FORT	1	345	205/212	AEP/DEO&K	2151	2151	Base Case	0	934.7	-	43.46	0	-0.53%	-0.53%	-0.14%	
277	242938 05MARQUI 345 243034 05MARQUI 138 3	242938	05MARQUI	243034	05MARQUI	3	345/138	205	AEP	463	463	Base Case	0	200.8	-	43.37	0	-0.03%	-0.03%	0.04%	
278	239341 02LEGEND 138 245697 05TORREY2 138 1	239341	02LEGEND	245697	05TORREY2	1	138	202/205	ATSI/AEP	187	240	Base Case	0	-81.1	-	43.36	0	0.25%	0.25%	0.04%	
279	243264 05CONCOR 138 243385 05TWIN B 138 1	243264	05CONCOR	243385	05TWIN B	1	138	205	AEP	187	231	Base Case	0	-81.1	-	43.35	0	-0.06%	-0.06%	-0.04%	
280	253027 09GREENE 345 253026 09GREENE 138 1	253027	09GREENE	253026	09GREENE	1	345/138	209	DAY	448	493	Base Case	0	193.9	-	43.27	0	0.02%	0.02%	0.05%	
281	242534 05ALLOY 138 242689 05KANAWHA1 138 1	242534	05ALLOY	242689	05KANAWHA1	1	138	205	AEP	223	223	Base Case	0	-96.5	-	43.27	0	0.00%	0.00%	0.00%	
282	238615 02CHAMBR 345 238781 02HANNA 345 1	238615	02CHAMBR	238781	02HANNA	1	345	202	ATSI	1380	1646	Base Case	0	-596.3	-	43.21	0	0.28%	0.28%	0.31%	
283	243553 05POLARS 138 243590 05WESTAR 138 1	243553	05POLARS	243590	05WESTAR	1	138	205	AEP	223	310	Base Case	0	96.2	-	43.16	0	0.01%	0.01%	0.00%	
284	243469 05BEATTY 138 247896 05BOLTON 138 1	243469	05BEATTY	247896	05BOLTON	1	138	205	AEP	223	223	Base Case	0	96	-	43.05	0	-0.07%	-0.07%	0.00%	
285	238568 02BAYSHO 138 239310 02BPHUSKY 138 1	238568	02BAYSHO	239310	02BPHUSKY	1	138	202	ATSI	241	292	Base Case	0	103.7	-	43.04	0	0.02%	0.02%	-0.02%	
286	243516 05GREIF 138 243526 05HYATT 138 1	243516	05GREIF	243526	05HYATT	1	138	205	AEP	223	223	Base Case	0	-96	-	43.04	0	0.01%	0.01%	-0.01%	
287	238597 02CADQ17 138 238662 02DKQ-17 138 1	238597	02CADQ17	238662	02DKQ-17	1	138	202	ATSI	148	151	Base Case	0	-63.7	-	43.03	0	-0.02%	-0.02%	0.00%	
288	246481 05NMUSKG_BP 138 247374 05MUSKNG2B 138 1	246481	05NMUSKG_BP	247374	05MUSKNG2B	1	138	205	AEP	223	310	Base Case	0	-96	-	43.03	0	-0.15%	-0.15%	0.10%	
289	238643 02CW Q-1 138 240359 02BENTLEYQ1 138 1	238643	02CW Q-1	240359	02BENTLEYQ1	1	138	202	ATSI	273	332	Base Case	0	-117.4	-	43.01	0	-0.25%	-0.25%	-0.03%	
290	242943 05SCANTO 345 243092 05SCANTO 138 1	242943	05SCANTO	243092	05SCANTO	1	345/138	205	AEP	680	747	Base Case	0	292.4	-	42.99	0	0.28%	0.28%	0.02%	
291	238916 02LRN Q4 138 238919 02SLTRQ4 138 1	238916	02LRN Q4	238919	02SLTRQ4	1	138	202	ATSI	176	229	Base Case	0	75.6	-	42.96	0	-0.25%	-0.25%	-0.03%	
292	253047 09MIAMI 345 253046 09MIAMI 138 1	253047	09MIAMI	253046	09MIAMI	1	345/138	209	DAY	450	495	Base Case	0	193.3	-	42.96	0	0.02%	0.02%	0.01%	
293	243453 05BEATTY 345 243469 05BEATTY 138 3	243453	05BEATTY	243469	05BEATTY	3	345/138	205	AEP	695	695	Base Case	0	298.5	-	42.95	0	-0.13%	-0.13%	-0.06%	
294	242695 05KINCAI 138 247064 05KANAWHA2 138 1	242695	05KINCAI	247064	05KANAWHA2	1	138	205	AEP	205	255	Base Case	0	-87.8	-	42.82	0	-0.10%	-0.10%	-0.22%	
295	243091 05S.CALDWELL 138 247156 05STEAMT 138 1	243091	05S.CALDWELL	247156	05STEAMT	1	138	205	AEP	205	284	Base Case	0	87.7	-	42.8	0	-0.17%	-0.17%	0.05%	
296	250133 08WLDER2 138 250153 08KYUTB2 138 1	250133	08WLDER2	250153	08KYUTB2	1	138	212	DEO&K	264	264	Base Case	0	-113	-	42.8	0	-0.01%	-0.01%	0.00%	
297	238833 02JACKSN 138 239281 02CRNBRY 138 1	238833	02JACKSN	239281	02CRNBRY	1	138	202	ATSI	278	339	Base Case	0	-118.9	-	42.78	0	0.64%	0.64%	0.12%	
298	239237 02CLVR-S 138 243000 05EWOOST 138 1	239237	02CLVR-S	243000	05EWOOST	1	138	202/205	ATSI/AEP	161	194	Base Case	0	68.7	-	42.69	0	0.11%	0.11%	-0.03%	
299	243474 05BLACKL 138 243510 05GAHANN 138 1	243474	05BLACKL	243510	05GAHANN	1	138	205	AEP	150	212	Base Case	0	-64	-	42.66	0	0.02%	0.02%	0.00%	
300	253068 09SHELBY 138 253150 09HNDAAT 138 1	253068	09SHELBY	253150	09HNDAAT	1	138	209	DAY	221	272	Base Case	0	94.1	-	42.59	0	0.03%	0.03%	0.02%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
301	238936 02MACLEA 138 239029 02OREGON 138 1	238936	02MACLEA	239029	02OREGON	1	138	202	ATSI	287	342	Base Case	0	-122.2	-	42.57	0	0.00%	0.00%	-0.03%	
302	243349 05NEW CARLI2 138 247489 05BOSSERMAN 138 2	243349	05NEW CARLI2	247489	05BOSSERMAN	2	138	205	AEP	136	167	Base Case	0	57.9	-	42.54	0	0.12%	0.12%	0.08%	
303	238796 02HGHLND 345 240069 02LORDSTOWN 345 1	238796	02HGHLND	240069	02LORDSTOWN	1	345	202	ATSI	1413	1743	Base Case	0	-600.8	-	42.52	0	-0.02%	-0.02%	-0.06%	
304	238549 02AVERY 138 239290 02HAYES 138 1	238549	02AVERY	239290	02HAYES	1	138	202	ATSI	233	282	Base Case	0	-99	-	42.49	0	-0.24%	-0.24%	-0.04%	
305	243049 05NATRIUM12 138 247058 05DOMIN 138 1	243049	05NATRIUM12	247058	05DOMIN	1	138	205	AEP	257	349	Base Case	0	109.1	-	42.44	0	0.00%	0.00%	0.00%	
306	243250 05BENTON 138 245846 05RIVERSIDE2 138 1	243250	05BENTON	245846	05RIVERSIDE2	1	138	205	AEP	167	240	Base Case	0	70.8	-	42.41	0	0.03%	0.03%	0.00%	
307	242836 05TURNE1 138 247091 05LAKEVI 138 1	242836	05TURNE1	247091	05LAKEVI	1	138	205	AEP	296	296	Base Case	0	-125.3	-	42.32	0	-0.10%	-0.10%	-0.13%	
308	242537 05AMOS 138 247091 05LAKEVI 138 1	242537	05AMOS	247091	05LAKEVI	1	138	205	AEP	296	296	Base Case	0	125.3	-	42.32	0	-0.10%	-0.10%	-0.13%	
309	249566 08FOSTER 345 253079 09SUGRCK 345 1	249566	08FOSTER	253079	09SUGRCK	1	345	212/209	DEO&K/DAY	1263	1455	Base Case	0	532.2	-	42.13	0	-0.53%	-0.53%	0.00%	
310	243315 05ILLINO 138 243377 05SORENS 138 1	243315	05ILLINO	243377	05SORENS	1	138	205	AEP	335	392	Base Case	0	-141	-	42.08	0	-0.02%	-0.02%	0.04%	
311	243091 05S.CALDWELL 138 247372 05MUSKNG1C 138 2	243091	05S.CALDWELL	247372	05MUSKNG1C	2	138	205	AEP	205	284	Base Case	0	-86.2	-	42.05	0	-0.28%	-0.28%	-0.01%	
312	242841 05W GLOW 138 242853 05WURNO 138 1	242841	05W GLOW	242853	05WURNO	1	138	205	AEP	219	255	Base Case	0	92.1	-	42.03	0	-0.11%	-0.11%	-0.16%	
313	242708 05M FUNK 138 242756 05POAGES 138 1	242708	05M FUNK	242756	05POAGES	1	138	205	AEP	167	240	Base Case	0	70.1	-	41.96	0	-0.03%	-0.03%	-0.18%	
314	253042 09LOGAN 138 253065 09QUINCY 138 1	253042	09LOGAN	253065	09QUINCY	1	138	209	DAY	160	224	Base Case	0	-67.1	-	41.96	0	-0.09%	-0.09%	-0.04%	
315	243089 05SBALTM 138 243149 05W.LANCAST1 138 1	243089	05SBALTM	243149	05W.LANCAST1	1	138	205	AEP	167	167	Base Case	0	70	-	41.93	0	-0.03%	-0.03%	-0.02%	
316	243217 05DEQUIN 345 243221 05EUGENE 345 1	243217	05DEQUIN	243221	05EUGENE	1	345	205	AEP	1409	1959	Base Case	0	-590.6	-	41.92	0	0.08%	0.08%	0.53%	
317	253077 09STUART 345 250167 08DEO_STUART 138 1	253077	09STUART	250167	08DEO_STUART	1	345/138	209/212	DAY/DEO&K	250	275	Base Case	0	104.8	-	41.92	0	0.00%	0.00%	0.01%	
318	246752 05VASSEL 345 247728 05VASSEL_XFL 345 Z1	246752	05VASSEL	247728	05VASSEL_XFL	Z1	345	205	AEP	2855	2897	Base Case	0	-1196.4	-	41.9	0	0.93%	0.93%	0.38%	
319	238570 02BEAVER 138 239318 02HENRTA 138 1	238570	02BEAVER	239318	02HENRTA	1	138	202	ATSI	161	194	Base Case	0	67.4	-	41.88	0	0.08%	0.08%	-0.09%	
320	250057 08M.FORT 138 250060 08MDWAY1 138 1	250057	08M.FORT	250060	08MDWAY1	1	138	212	DEO&K	275	275	Base Case	0	115.1	-	41.85	0	-0.03%	-0.03%	0.01%	
321	243511 05GAY 138 243584 05VINE 138 1	243511	05GAY	243584	05VINE	1	138	205	AEP	174	233	Base Case	0	72.8	-	41.83	0	-0.04%	-0.04%	0.00%	
322	242689 05KANAWHA1 138 247333 05PAX BRANCH 138 1	242689	05KANAWHA1	247333	05PAX BRANCH	1	138	205	AEP	205	284	Base Case	0	85.7	-	41.8	0	-0.09%	-0.09%	-0.23%	
323	242930 05SCANTO 765 247463 05SCANTO_XFL 345 3	242930	05SCANTO	247463	05SCANTO_XFL	3	765/345	205	AEP	2703	3108	Base Case	0	1129.3	-	41.78	0	-1.42%	-1.43%	2.25%	
324	242698 05LAKIN 138 242807 05SPORN 138 1	242698	05LAKIN	242807	05SPORN	1	138	205	AEP	185	185	Base Case	0	-77.2	-	41.75	0	0.07%	0.07%	-0.02%	
325	238767 02GRFD T 138 238768 02GRNFLD 138 ZL	238767	02GRFD T	238768	02GRNFLD	ZL	138	202	ATSI	66	66	Base Case	0	-27.6	-	41.74	0	0.00%	0.00%	0.00%	
326	249573 08SGROVE 345 249577 08ZIMER 345 1	249573	08SGROVE	249577	08ZIMER	1	345	212	DEO&K	1664	1664	Base Case	0	-694.2	-	41.72	0	-0.12%	-0.12%	-0.05%	
327	243091 05S.CALDWELL 138 247371 05MUSKNG1B 138 1	243091	05S.CALDWELL	247371	05MUSKNG1B	1	138	205	AEP	205	284	Base Case	0	-85.5	-	41.72	0	-0.28%	-0.28%	-0.01%	
328	238783 02HARDIN 345 238792 02HDGQ11 138 1	238783	02HARDIN	238792	02HDGQ11	1	345/138	202	ATSI	347	454	Base Case	0	144.7	-	41.7	0	0.06%	0.06%	0.00%	
329	249991 08BUFTN1 138 250148 08EKPWEB 138 1	249991	08BUFTN1	250148	08EKPWEB	1	138	212	DEO&K	298	298	Base Case	0	124.2	-	41.69	0	0.03%	0.03%	0.06%	
330	239106 02SHNAGO 345 239936 02MCCLELLAND 345 1	239106	02SHNAGO	239936	02MCCLELLAND	1	345	202	ATSI	1380	1646	Base Case	0	-575	-	41.66	0	0.08%	0.08%	-0.23%	
331	242935 05E LIMA 345 242989 05E LIMA 138 1	242935	05E LIMA	242989	05E LIMA	1	345/138	205	AEP	513	576	Base Case	0	213.7	-	41.66	0	0.02%	0.02%	0.05%	
332	243227 05LAWBG2 345 243233 05TANNER 345 2	243227	05LAWBG2	243233	05TANNER	2	345	205	AEP	1188	1409	Base Case	0	494.6	-	41.63	0	-0.31%	-0.31%	-0.31%	
333	238588 02BRNSWK 138 239618 02LAUREL 138 1	238588	02BRNSWK	239618	02LAUREL	1	138	202	ATSI	233	282	Base Case	0	-96.9	-	41.6	0	-0.13%	-0.13%	-0.01%	
334	243675 05BELLF1 138 243968 05IRONWOODSS 138 1	243675	05BELLF1	243968	05IRONWOODSS	1	138	205	AEP	136	167	Base Case	0	56.5	-	41.54	0	0.05%	0.05%	0.12%	
335	253046 09MIAMI 138 253056 09NORTHR 138 1	253046	09MIAMI	253056	09NORTHR	1	138	209	DAY	191	234	Base Case	0	79.3	-	41.54	0	0.00%	0.00%	-0.01%	
336	243491 05CORRID 138 243547 05MORSE 138 1	243491	05CORRID	243547	05MORSE	1	138	205	AEP	293	338	Base Case	0	121.7	-	41.52	0	0.06%	0.06%	0.01%	
337	238745 02GALION 345 238746 02GALION 138 4	238745	02GALION	238746	02GALION	4	345/138	202	ATSI	400	478	Base Case	0	165.9	-	41.48	0	-0.22%	-0.22%	-0.05%	
338	247489 05BOSSERMAN 138 255184 17TRAIL_CRK 138 1	247489	05BOSSERMAN	255184	17TRAIL_CRK	1	138	205/217	AEP/NIPS	156	156	Base Case	0	64.5	-	41.36	0	0.17%	0.17%	0.11%	
339	243070 05OHIOCT 138 243145 05WCOSHC 138 1	243070	05OHIOCT	243145	05WCOSHC	1	138	205	AEP	185	254	Base Case	0	76.4	-	41.32	0	-0.26%	-0.26%	0.03%	
340	253014 09CLINTO 345 253310 AC1-085 POI 345 1	253014	09CLINTO	253310	AC1-085 POI	1	345	209	DAY	1255	1374	Base Case	0	-518.5	-	41.31	0	-0.15%	-0.15%	0.17%	
341	238944 02MASURY 138 239107 02SHNAGO 138 1	238944	02MASURY	239107	02SHNAGO	1	138	202	ATSI	157	196	Base Case	0	-64.8	-	41.3	0	0.04%	0.04%	-0.02%	
342	243513 05GENOA 138 243537 05MALIS 138 2	243513	05GENOA	243537	05MALIS	2	138	205	AEP	338	407	Base Case	0	-139.5	-	41.26	0	0.01%	0.01%	0.01%	
343	235428 01WINDSR 138 243131 05TILTON 138 1	235428	01WINDSR	243131	05TILTON	1	138	201/205	AP/AEP	329	361	Base Case	0	-135.7	-	41.25	0	-0.75%	-0.75%	0.00%	
344	244745 05BABBIT1-2 138 246385 05JUGST 7-11 138 1	244745	05BABBIT1-2	246385	05JUGST 7-11	1	138	205	AEP	564	747	Base Case	0	-232.5	-	41.23	0	0.00%	0.00%	0.00%	
345	243526 05HYATT 138 243566 05SAWMIL 138 1	243526	05HYATT	243566	05SAWMIL	1	138	205	AEP	340	434	Base Case	0	140.1	-	41.21	0	0.03%	0.03%	0.00%	
346	249999 08CNSTNC 138 250007 08CRSNT1 138 1	249999	08CNSTNC	250007	08CRSNT1	1	138	212	DEO&K	238	238	Base Case	0	97.9	-	41.15	0	-0.05%	-0.05%	-0.01%	
347	242984 05CHATFL 138 243039 05MELMOR 138 1	242984	05CHATFL	243039	05MELMOR	1	138	205	AEP	167	167	Base Case	0	-68.7	-	41.13	0	-0.12%	-0.12%	-0.10%	
348	242745 05PEAKCK 138 242841 05W GLOW 138 1	242745	05PEAKCK	242841	05W GLOW	1	138	205	AEP	251	309	Base Case	0	103.2	-	41.1	0	-0.11%	-0.11%	-0.16%	
349	238652 02DARROW 138 239136 02TEREX 138 1	238652	02DARROW	239136	02TEREX	1	138	202	ATSI	50	50	Base Case	0	20.5	-	41.03	0	0.00%	0.00%	0.00%	
350	243262 05COLLEGE C 138 250001 08COLINV 138 1	243262	05COLLEGE C	250001	08COLINV	1	138	205/212	AEP/DEO&K	167	167	Base Case	0	68.4	-	40.98	0	-0.06%	-0.06%	-0.06%	
351	243619 05ROSEWOODSS 138 244198 05LEMASTER 138 1	243619	05ROSEWOODSS	244198	05LEMASTER	1	138	205	AEP	338	483	Base Case	0	138.4	-	40.96	0	0.01%	0.01%	0.19%	
352	250044 08HEBRN2 138 250152 08HEBRNG 138 Z1	250044	08HEBRN2	250152	08HEBRNG	Z1	138	212	DEO&K	309	349	Base Case	0	-126.5	-	40.94	0	-0.05%	-0.05%	-0.01%	
353	242522 05AMOS 345 242537 05AMOS 138 7	242522	05AMOS	242537	05AMOS	7	345/138	205	AEP	680	696	Base Case	0	278.2	-	40.91	0	-0.10%	-0.10%	-0.18%	
354	238782 02HANNA 138 239615 02OLDFRG 138 1	238782	02HANNA	239615	02OLDFRG	1	138	202	ATSI	233	282	Base Case	0	95.3	-	40.91	0	0.06%	0.06%	-0.02%	
355	253026 09GREENE 138 935040 AD1-140 TAP 138 1	253026	09GREENE	935040	AD1-140 TAP	1	138	209/202	DAY/ATSI	233	282	Base Case	0	95.1	-	40.84	0	-0.17%	-0.17%	-0.04%	
356	238623 02CLARK 138 935040 AD1-140 TAP 138 1	238623	02CLARK	935040	AD1-140 TAP	1	138	202	ATSI	233	282	Base Case	0	-95.1	-	40.84	0	-0.17%	-0.17%	-0.04%	
357	242788 05SALTV1 138 242827 05TAZEWE 138 1	242788	05SALTV1	242827	05TAZEWE	1	138	205	AEP	296	398	Base Case	0	120.8	-	40.83	0	-0.16%	-0.16%	0.07%	
358	243560 05ROBERT 138 246907 05W.CAMPUS 138 1	243560	05ROBERT	246907	05W.CAMPUS	1	138	205	AEP	324	434	Base Case	0	131.4	-	40.57	0	-0.01%	-0.01%	-0.02%	
359	242931 05BEVERL 345 242940 05MUSKNG 345 1	242931	05BEVERL	242940	05MUSKNG	1	345	205	AEP	971	971	Base Case	0	393.8	-	40.56	0	1.26%	1.26%	-0.79%	
360	238796 02HGHLND 345 240069 02LORDSTOWN 345 2	238796	02HGHLND	240069	02LORDSTOWN	2	345	202	ATSI	1413	1743	Base Case	0	-572.1	-	40.49	0	-0.02%	-0.02%	-0.06%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
361	239198 02CONGRS 138 239369 02TORONTO 138 1	239198	02CONGRS	239369	02TORONTO	1	138	202	ATSI	185	189	Base Case	0	-74.7	-	40.4	0	0.12%	0.12%	0.01%	
362	242525 05KANAWH 345 247068 05KANAWH_ASZ 138 A	242525	05KANAWH	247068	05KANAWH_ASZ	A	345/138	205	AEP	492	556	Base Case	0	198.7	-	40.39	0	-0.11%	-0.11%	-0.05%	
363	249569 08MADISN 345 249576 08WODSDL 345 1	249569	08MADISN	249576	08WODSDL	1	345	208/212	DEI/DEO&K	1139	1195	Base Case	0	459.4	-	40.33	0	-0.29%	-0.29%	-0.29%	
364	238707 02EVANS 138 238750 02GDYR + 138 1	238707	02EVANS	238750	02GDYR +	1	138	202	ATSI	233	282	Base Case	0	-93.8	-	40.28	0	0.10%	0.10%	0.07%	
365	242933 05RPMONE 345 246929 05MADDOX 345 1	242933	05RPMONE	246929	05MADDOX	1	345	205	AEP	897	1301	Base Case	0	361.3	-	40.27	0	-1.18%	-1.18%	-0.47%	
366	245983 05GRISTMILL 138 245994 05GEMINI 138 1	245983	05GRISTMILL	245994	05GEMINI	1	138	205	AEP	257	360	Base Case	0	103.5	-	40.27	0	0.01%	0.01%	0.04%	
367	238781 02HANNA 345 238850 02JUNIPE 345 1	238781	02HANNA	238850	02JUNIPE	1	345	202	ATSI	1555	1892	Base Case	0	626.1	-	40.26	0	0.50%	0.50%	0.50%	
368	242537 05AMOS 138 242740 05ORTIN 138 2	242537	05AMOS	242740	05ORTIN	2	138	205	AEP	696	729	Base Case	0	280.2	-	40.26	0	-0.23%	-0.23%	-0.27%	
369	243278 05DESOTO 138 243337 05MAYFIE 138 1	243278	05DESOTO	243337	05MAYFIE	1	138	205	AEP	205	205	Base Case	0	82.5	-	40.24	0	0.01%	0.01%	0.00%	
370	242566 05BROADF 138 242693 05KEYWSS 138 1	242566	05BROADF	242693	05KEYWSS	1	138	205	AEP	167	245	Base Case	0	-67.2	-	40.23	0	-0.10%	-0.10%	0.00%	
371	238832 02JACKMA 138 239236 02TOLHOS 138 1	238832	02JACKMA	239236	02TOLHOS	1	138	202	ATSI	216	264	Base Case	0	86.8	-	40.19	0	0.04%	0.04%	-0.01%	
372	243231 05ROB PK 345 243232 05SORENS 345 1	243231	05ROB PK	243232	05SORENS	1	345	205	AEP	1025	1203	Base Case	0	-411.7	-	40.17	0	0.13%	0.13%	0.45%	
373	238504 02GM-PWR-TRN 138 239219 02SMUCKER 1 138 1	238504	02GM-PWR-TRN	239219	02SMUCKER 1	1	138	202	ATSI	278	343	Base Case	0	111.5	-	40.12	0	0.05%	0.05%	-0.03%	
374	242938 05MARQUI 345 243034 05MARQUI 138 2	242938	05MARQUI	243034	05MARQUI	2	345/138	205	AEP	501	564	Base Case	0	200.8	-	40.08	0	-0.03%	-0.03%	0.04%	
375	243454 05BIXBY 345 243473 05BIXBY 138 2	243454	05BIXBY	243473	05BIXBY	2	345/138	205	AEP	720	815	Base Case	0	288.6	-	40.08	0	0.01%	0.01%	0.01%	
376	242729 05NAGEL 138 242762 05REEDCR 138 1	242729	05NAGEL	242762	05REEDCR	1	138	205	AEP	205	205	Base Case	0	82.1	-	40.04	0	-0.01%	-0.01%	-0.04%	
377	238706 02EU TAP 138 238991 02NCASTL 138 1	238706	02EU TAP	238991	02NCASTL	1	138	202	ATSI	329	413	Base Case	0	-131.6	-	40.01	0	0.20%	0.20%	-0.01%	
378	243679 05BUSSYV 138 243702 05THELMA 138 1	243679	05BUSSYV	243702	05THELMA	1	138	205	AEP	223	310	Base Case	0	89.1	-	39.97	0	0.04%	0.04%	-0.08%	
379	242688 05JOSHUA 138 247670 05JOSHUA_XFL 138 1	242688	05JOSHUA	247670	05JOSHUA_XFL	1	138	205	AEP	747	747	Base Case	0	-298.4	-	39.95	0	-0.19%	-0.19%	-1.79%	
380	243226 05LAWBG1 345 243233 05TANNER 345 1	243226	05LAWBG1	243233	05TANNER	1	345	205	AEP	1239	1409	Base Case	0	494.6	-	39.92	0	-0.31%	-0.31%	-0.31%	
381	242675 05HUFFMN 138 242684 05J.FERR 138 1	242675	05HUFFMN	242684	05J.FERR	1	138	205	AEP	282	348	Base Case	0	-112.3	-	39.82	0	0.03%	0.03%	0.07%	
382	243086 05S HICK 138 247108 05SOWERS 138 1	243086	05S HICK	247108	05SOWERS	1	138	205	AEP	223	310	Base Case	0	-88.8	-	39.81	0	-0.22%	-0.22%	0.04%	
383	239082 02S8-ATT 345 238544 02ASH_3 138 8	239082	02S8-ATT	238544	02ASH_3	8	345/138	202	ATSI	620	701	Base Case	0	246.8	-	39.81	0	0.65%	0.65%	-0.12%	
384	249988 08BKJ135 138 250103 08TBSCO1 138 1	249988	08BKJ135	250103	08TBSCO1	1	138	212	DEO&K	332	332	Base Case	0	132.1	-	39.8	0	0.05%	0.05%	0.06%	
385	242940 05MUSKNG 345 242949 05WMILLP 345 1	242940	05MUSKNG	242949	05WMILLP	1	345	205	AEP	897	897	Base Case	0	355.5	-	39.63	0	0.62%	0.62%	0.19%	
386	242977 05CALDWE 138 243091 05S.CALDWELL 138 1	242977	05CALDWE	243091	05S.CALDWELL	1	138	205	AEP	205	284	Base Case	0	-81.2	-	39.61	0	-0.18%	-0.18%	0.06%	
387	242748 05PENHOK 138 242802 05SMITHMTN 138 1	242748	05PENHOK	242802	05SMITHMTN	1	138	205	AEP	296	392	Base Case	0	-116.8	-	39.47	0	0.00%	0.00%	0.39%	
388	242522 05AMOS 345 242537 05AMOS 138 8	242522	05AMOS	242537	05AMOS	8	345/138	205	AEP	696	696	Base Case	0	274.3	-	39.41	0	-0.10%	-0.10%	-0.17%	
389	242592 05CHEM 1 138 242593 05CHEM 2 138 Z1	242592	05CHEM 1	242593	05CHEM 2	Z1	138	205	AEP	498	498	Base Case	0	196.2	-	39.41	0	-0.24%	-0.24%	-0.24%	
390	238575 02BLUBEL 138 239306 02REPUBLICSM 138 1	238575	02BLUBEL	239306	02REPUBLICSM	1	138	202	ATSI	117	147	Base Case	0	-46.1	-	39.39	0	0.11%	0.11%	-0.08%	
391	253026 09GREENE 138 253062 09OVERL1 138 1	253026	09GREENE	253062	09OVERL1	1	138	209	DAY	306	380	Base Case	0	120.5	-	39.38	0	0.05%	0.05%	0.05%	
392	250057 08M.FORT 138 250070 08MRGAN1 138 1	250057	08M.FORT	250070	08MRGAN1	1	138	212	DEO&K	268	268	Base Case	0	105.3	-	39.28	0	-0.03%	-0.03%	0.01%	
393	242925 05KAMMER 765 242930 05SCANTO 765 1	242925	05KAMMER	242930	05SCANTO	1	765	205	AEP	2890	2890	Base Case	0	1132.8	-	39.2	0	-1.42%	-1.43%	2.25%	
394	242621 05DARRH1 138 242835 05TRISTA 138 1	242621	05DARRH1	242835	05TRISTA	1	138	205	AEP	167	240	Base Case	0	-65.4	-	39.19	0	-0.04%	-0.04%	0.02%	
395	243475 05BLENDO 138 243491 05CORRID 138 1	243475	05BLENDO	243491	05CORRID	1	138	205	AEP	285	338	Base Case	0	-111.5	-	39.14	0	0.05%	0.05%	0.01%	
396	242592 05CHEM 1 138 242740 05ORTIN 138 2	242592	05CHEM 1	242740	05ORTIN	2	138	205	AEP	685	729	Base Case	0	-267.9	-	39.11	0	-0.23%	-0.23%	-0.27%	
397	238850 02JUNIPE 345 238843 02JNPRQ4 138 6	238850	02JUNIPE	238843	02JNPRQ4	6	345/138	202	ATSI	486	579	Base Case	0	190.1	-	39.11	0	-0.01%	-0.01%	0.03%	
398	242807 05SPORN 138 243013 05GAVIN1 138 1	242807	05SPORN	243013	05GAVIN1	1	138	205	AEP	158	183	Base Case	0	61.8	-	39.11	0	0.06%	0.06%	-0.02%	
399	250052 08KYUNIV 138 250153 08KYUTB2 138 Z1	250052	08KYUNIV	250153	08KYUTB2	Z1	138	212	DEO&K	309	349	Base Case	0	120.7	-	39.07	0	-0.01%	-0.01%	0.00%	
400	242637 05FLATWO 138 247558 05JARRETT 138 1	242637	05FLATWO	247558	05JARRETT	1	138	205	AEP	219	255	Base Case	0	85.5	-	39.05	0	-0.29%	-0.29%	0.03%	
401	242989 05E LIMA 138 243155 05W.NEWTONSS 138 1	242989	05E LIMA	243155	05W.NEWTONSS	1	138	205	AEP	158	183	Base Case	0	61.7	-	39.03	0	-0.10%	-0.10%	-0.03%	
402	243498 05DLAWAR2 138 246753 05VASSEL 138 1	243498	05DLAWAR2	246753	05VASSEL	1	138	205	AEP	338	456	Base Case	0	-131.9	-	39.01	0	0.07%	0.07%	0.04%	
403	238532 02ALLNJB 138 239110 02SIL_AV+ 138 1	238532	02ALLNJB	239110	02SIL_AV+	1	138	202	ATSI	278	343	Base Case	0	108.5	-	39.01	0	-0.06%	-0.06%	0.01%	
404	238730 02FORTIN 138 239315 02STER-P 138 1	238730	02FORTIN	239315	02STER-P	1	138	202	ATSI	241	292	Base Case	0	94	-	38.99	0	0.07%	0.07%	-0.01%	
405	242940 05MUSKNG 345 242949 05WMILLP 345 2	242940	05MUSKNG	242949	05WMILLP	2	345	205	AEP	915	1132	Base Case	0	356.4	-	38.95	0	0.62%	0.62%	0.19%	
406	243492 05CORWIN 138 243545 05MILTON SS 138 1	243492	05CORWIN	243545	05MILTON SS	1	138	205	AEP	219	255	Base Case	0	-85.3	-	38.95	0	-0.06%	-0.06%	0.07%	
407	238878 02LB Q12 138 241923 02ELQ3 138 1	238878	02LB Q12	241923	02ELQ3	1	138	202	ATSI	273	287	Base Case	0	-106.3	-	38.95	0	0.01%	0.01%	0.00%	
408	242605 05CLNCHR 138 242700 05LEBANO 138 1	242605	05CLNCHR	242700	05LEBANO	1	138	205	AEP	446	446	Base Case	0	173.4	-	38.87	0	-0.34%	-0.34%	-0.33%	
409	238908 02LONDON 138 926010 AC1-078 TAP 138 1	238908	02LONDON	926010	AC1-078 TAP	1	138	202	ATSI	277	277	Base Case	0	-107.6	-	38.86	0	0.09%	0.09%	0.06%	
410	242575 05CAMDLM 138 242737 05OPOSSUMCK 138 1	242575	05CAMDLM	242737	05OPOSSUMCK	1	138	205	AEP	205	284	Base Case	0	79.5	-	38.8	0	-0.06%	-0.06%	0.37%	
411	239070 02RICHLD 138 239269 02RICHLJ 138 ZB	239070	02RICHLD	239269	02RICHLJ	ZB	138	202	ATSI	329	413	Base Case	0	127.6	-	38.79	0	-0.11%	-0.11%	-0.11%	
412	242680 05ITMANN 138 242754 05PINNAC 138 1	242680	05ITMANN	242754	05PINNAC	1	138	205	AEP	205	255	Base Case	0	-79.4	-	38.73	0	-0.08%	-0.08%	-0.01%	
413	250072 08MTCHL1 138 250074 08MTCHL4 138 Z1	250072	08MTCHL1	250074	08MTCHL4	Z1	138	212	DEO&K	267	267	Base Case	0	-103.4	-	38.71	0	-0.04%	-0.04%	-0.04%	
414	238644 02CW Q-3 138 240360 02BENTLEYQ3 138 1	238644	02CW Q-3	240360	02BENTLEYQ3	1	138	202	ATSI	273	332	Base Case	0	-105.5	-	38.65	0	-0.19%	-0.19%	-0.02%	
415	243385 05TWIN B 138 247780 05KLINE 138 1	243385	05TWIN B	247780	05KLINE	1	138	205	AEP	329	334	Base Case	0	126.9	-	38.59	0	-0.07%	-0.07%	-0.07%	
416	243456 05CORRID 345 243491 05CORRID 138 1	243456	05CORRID	243491	05CORRID	1	345/138	205	AEP	680	847	Base Case	0	262.4	-	38.58	0	0.08%	0.08%	0.01%	
417	238551 02AVON 345 241928 02AVQ2 138 91	238551	02AVON	241928	02AVQ2	91	345/138	202	ATSI	753	849	Base Case	0	290.3	-	38.55	0	-0.48%	-0.48%	-0.07%	
418	243231 05ROB PK 345 244672 05ROB PK_XFL 138 5	243231	05ROB PK	244672	05ROB PK_XFL	5	345/138	205	AEP	887	982	Base Case	0	341.1	-	38.46	0	-0.07%	-0.07%	0.00%	
419	239036 02PERRY 345 239334 02L.CENTER 345 1	239036	02PERRY	239334	02L.CENTER	1	345	202	ATSI	1396	1667	Base Case	0	536.7	-	38.45	0	0.82%	0.82%	-0.38%	
420	239060 02RDGVL 138 239070 02RICHLD 138 1	239060	02RDGVL	239070	02RICHLD	1	138	202	ATSI	161	194	Base Case	0	-61.8	-	38.4	0	-0.13%	-0.13%	0.00%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
421	243349 05NEW CARLI2 138 244930 05NEW CARLI1 138 Z1	243349	05NEW CARLI2	244930	05NEW CARLI1	Z1	138	205	AEP	335	392	Base Case	0	-128.6	-	38.39	0	-0.05%	-0.05%	-0.01%	
422	243012 05G WASHGTON 138 246945 05BIGR1Z 138 1	243012	05G WASHGTON	246945	05BIGR1Z	1	138	205	AEP	205	205	Base Case	0	78.6	-	38.37	0	-0.18%	-0.18%	0.05%	
423	238649 02DALE 138 238968 02MOORE 138 1	238649	02DALE	238968	02MOORE	1	138	202	ATSI	233	282	Base Case	0	89.4	-	38.37	0	-0.10%	-0.10%	0.10%	
424	243461 05ROBRT1 345 243560 05ROBERT 138 1	243461	05ROBRT1	243560	05ROBERT	1	345/138	205	AEP	671	766	Base Case	0	257.1	-	38.31	0	-0.06%	-0.06%	-0.04%	
425	243337 05MAYFIE 138 246625 05MEDFORD_BP 138 1	243337	05MAYFIE	246625	05MEDFORD_BP	1	138	205	AEP	180	205	Base Case	0	69	-	38.31	0	0.01%	0.01%	0.00%	
426	238724 02FMEAST 138 239239 02MEDCO 138 1	238724	02FMEAST	239239	02MEDCO	1	138	202	ATSI	194	237	Base Case	0	74.3	-	38.31	0	-0.08%	-0.08%	0.02%	
427	243293 05FISHER 138 243302 05GRANT 138 1	243293	05FISHER	243302	05GRANT	1	138	205	AEP	251	335	Base Case	0	-96	-	38.26	0	-0.07%	-0.07%	-0.05%	
428	250065 08MILIKN 138 250105 08TDHNTR 138 1	250065	08MILIKN	250105	08TDHNTR	1	138	212	DEO&K	299	299	Base Case	0	-114.4	-	38.25	0	-0.03%	-0.03%	-0.05%	
429	238626 02CLAYBN 138 239083 02SAKRON 138 1	238626	02CLAYBN	239083	02SAKRON	1	138	202	ATSI	157	196	Base Case	0	-60	-	38.24	0	-0.04%	-0.04%	0.05%	
430	242525 05KANAWH 345 247092 05KANAWH_BSZ 138 B	242525	05KANAWH	247092	05KANAWH_BSZ	B	345/138	205	AEP	539	574	Base Case	0	206	-	38.22	0	-0.11%	-0.11%	-0.05%	
431	238751 02SMUCKER 2 138 239315 02STER-P 138 1	238751	02SMUCKER 2	239315	02STER-P	1	138	202	ATSI	241	292	Base Case	0	-92.1	-	38.22	0	0.07%	0.07%	-0.01%	
432	253074 09STATAP 138 253098 09STAUNT 138 1	253074	09STATAP	253098	09STAUNT	1	138	209	DAY	196	198	Base Case	0	74.9	-	38.2	0	0.00%	0.00%	0.00%	
433	242940 05MUSKNG 345 247501 05MUSK_E_XFL 138 E	242940	05MUSKNG	247501	05MUSK_E_XFL	E	345/138	205	AEP	713	765	Base Case	0	272.3	-	38.19	0	-0.50%	-0.50%	-0.01%	
434	238783 02HARDIN 345 238850 02JUNIPE 345 1	238783	02HARDIN	238850	02JUNIPE	1	345	202	ATSI	1555	1793	Base Case	0	-593.5	-	38.17	0	-0.44%	-0.44%	0.19%	
435	242940 05MUSKNG 345 247500 05MUSK_D_XFL 138 D	242940	05MUSKNG	247500	05MUSK_D_XFL	D	345/138	205	AEP	713	765	Base Case	0	271.9	-	38.14	0	-0.50%	-0.50%	-0.01%	
436	238783 02HARDIN 345 238794 02HDGQ13 138 3	238783	02HARDIN	238794	02HDGQ13	3	345/138	202	ATSI	397	488	Base Case	0	151.4	-	38.13	0	0.07%	0.07%	0.01%	
437	243318 05JACKSON RD 138 243371 05S SIDE 138 1	243318	05JACKSON RD	243371	05S SIDE	1	138	205	AEP	251	335	Base Case	0	95.6	-	38.09	0	0.06%	0.06%	0.04%	
438	242614 05COLLINV SS 138 242711 05MARTN1 138 1	242614	05COLLINV SS	242711	05MARTN1	1	138	205	AEP	219	255	Base Case	0	-83.4	-	38.07	0	-0.04%	-0.04%	0.30%	
439	240360 02BENTLEYQ3 138 241929 02AVQ3 138 1	240360	02BENTLEYQ3	241929	02AVQ3	1	138	202	ATSI	278	339	Base Case	0	-105.7	-	38.01	0	-0.19%	-0.19%	-0.02%	
440	250152 08HEBRNG 138 342595 4HEBRON 138 1	250152	08HEBRNG	342595	4HEBRON	1	138	212/320	DEO&K/EKPC	96	117	Base Case	0	36.5	-	38	0	-0.01%	-0.01%	-0.02%	
441	243218 05DESOTO 345 243278 05DESOTO 138 1	243218	05DESOTO	243278	05DESOTO	1	345/138	205	AEP	584	692	Base Case	0	221.8	-	37.98	0	-0.01%	-0.01%	0.00%	
442	243789 05FACEBOOK 138 244745 05BABBIT1-2 138 Z3	243789	05FACEBOOK	244745	05BABBIT1-2	Z3	138	205	AEP	158	183	Base Case	0	-60	-	37.97	0	0.00%	0.00%	0.00%	
443	243789 05FACEBOOK 138 244745 05BABBIT1-2 138 Z2	243789	05FACEBOOK	244745	05BABBIT1-2	Z2	138	205	AEP	158	183	Base Case	0	-60	-	37.97	0	0.00%	0.00%	0.00%	
444	243789 05FACEBOOK 138 244745 05BABBIT1-2 138 Z1	243789	05FACEBOOK	244745	05BABBIT1-2	Z1	138	205	AEP	158	183	Base Case	0	-60	-	37.97	0	0.00%	0.00%	0.00%	
445	243145 05WCOSHC 138 247253 05BUCKSS 138 1	243145	05WCOSHC	247253	05BUCKSS	1	138	205	AEP	185	257	Base Case	0	70.1	-	37.9	0	-0.26%	-0.26%	0.04%	
446	242729 05NAGEL 138 245220 05W.KINGSPT2 138 1	242729	05NAGEL	245220	05W.KINGSPT2	1	138	205	AEP	205	205	Base Case	0	77.7	-	37.89	0	0.01%	0.01%	0.06%	
447	243278 05DESOTO 138 247837 05PERCH 138 1	243278	05DESOTO	247837	05PERCH	1	138	205	AEP	409	409	Base Case	0	154.9	-	37.88	0	-0.05%	-0.05%	0.03%	
448	243460 05ROBRT2 345 243560 05ROBERT 138 2	243460	05ROBRT2	243560	05ROBERT	2	345/138	205	AEP	671	766	Base Case	0	254	-	37.85	0	-0.06%	-0.06%	-0.04%	
449	253007 09BELLBR 138 253078 09SUGRCK 138 1	253007	09BELLBR	253078	09SUGRCK	1	138	209	DAY	301	419	Base Case	0	-113.8	-	37.82	0	-0.07%	-0.07%	0.00%	
450	238678 02EAKRON 138 239615 02OLDFRG 138 1	238678	02EAKRON	239615	02OLDFRG	1	138	202	ATSI	221	262	Base Case	0	-83.4	-	37.75	0	0.06%	0.06%	-0.02%	
451	243333 05MADISON1 138 247420 05CROSS ST Z 138 1	243333	05MADISON1	247420	05CROSS ST Z	1	138	205	AEP	187	233	Base Case	0	70.6	-	37.73	0	-0.01%	-0.01%	0.06%	
452	243335 05MAIN S 138 243365 05RIVERSIDE1 138 1	243335	05MAIN S	243365	05RIVERSIDE1	1	138	205	AEP	219	223	Base Case	0	-82.5	-	37.69	0	0.07%	0.07%	0.02%	
453	242775 05ROCKCAS SS 138 242802 05SMITHMTN 138 1	242775	05ROCKCAS SS	242802	05SMITHMTN	1	138	205	AEP	358	409	Base Case	0	-134.5	-	37.57	0	-0.06%	-0.06%	0.94%	
454	242855 05WYOMIN 138 242857 05WYOMX2 138 ZB	242855	05WYOMIN	242857	05WYOMX2	ZB	138	205	AEP	696	747	Base Case	0	-261.5	-	37.57	0	0.05%	0.05%	0.07%	
455	242855 05WYOMIN 138 242856 05WYOMX1 138 ZB	242855	05WYOMIN	242856	05WYOMX1	ZB	138	205	AEP	696	747	Base Case	0	-261.5	-	37.57	0	0.05%	0.05%	0.07%	
456	238543 02ASH_2 138 240366 02PETMIN 138 1	238543	02ASH_2	240366	02PETMIN	1	138	202	ATSI	200	242	Base Case	0	75.1	-	37.56	0	0.00%	0.00%	0.00%	
457	249994 08CHRLES 138 250091 08RCHLE3 138 1	249994	08CHRLES	250091	08RCHLE3	1	138	212	DEO&K	268	282	Base Case	0	-100.4	-	37.48	0	-0.03%	-0.03%	-0.08%	
458	242680 05ITMANN 138 242727 05MULLEN 138 1	242680	05ITMANN	242727	05MULLEN	1	138	205	AEP	205	255	Base Case	0	76.8	-	37.46	0	-0.08%	-0.08%	-0.01%	
459	250161 08T758 138 250162 08GARVER 138 1	250161	08T758	250162	08GARVER	1	138	212	DEO&K	298	298	Base Case	0	-111.2	-	37.33	0	0.00%	0.00%	0.00%	
460	253002 09AIRWAY 138 253026 09GREENE 138 1	253002	09AIRWAY	253026	09GREENE	1	138	209	DAY	191	234	Base Case	0	-71.2	-	37.3	0	0.02%	0.02%	0.02%	
461	235102 01BELMNT 500 242920 05BELMON 765 5	235102	01BELMNT	242920	05BELMON	5	500/765	201/205	AP/AEP	1986	2385	Base Case	0	-740.6	-	37.29	0	-5.39%	-5.39%	-1.25%	
462	238678 02EAKRON 138 239178 02WRAVNA 138 1	238678	02EAKRON	239178	02WRAVNA	1	138	202	ATSI	200	242	Base Case	0	-74.6	-	37.29	0	0.07%	0.07%	-0.02%	
463	249566 08FOSTER 345 253006 09BATH 345 1	249566	08FOSTER	253006	09BATH	1	345	212/209	DEO&K/DAY	1263	1455	Base Case	0	470.6	-	37.26	0	-0.50%	-0.50%	0.02%	
464	250121 08UNION 138 250161 08T758 138 1	250121	08UNION	250161	08T758	1	138	212	DEO&K	298	298	Base Case	0	-111	-	37.25	0	0.00%	0.00%	0.00%	
465	249565 08EBEND 345 249575 08TERMNL 345 1	249565	08EBEND	249575	08TERMNL	1	345	212	DEO&K	1290	1457	Base Case	0	477.9	-	37.05	0	-0.28%	-0.28%	-0.24%	
466	235299 01BELMNT 138 243557 05RENO Z 138 1	235299	01BELMNT	243557	05RENO Z	1	138	201/205	AP/AEP	282	282	Base Case	0	104.4	-	37.03	0	0.27%	0.27%	0.20%	
467	238642 02CRSLND 138 238669 02DUFERC 138 1	238642	02CRSLND	238669	02DUFERC	1	138	202	ATSI	96	96	Base Case	0	35.5	-	37.01	0	0.00%	0.00%	0.00%	
468	243214 05COLNGW 345 247105 05VARNER 345 1	243214	05COLNGW	247105	05VARNER	1	345	205	AEP	1409	1829	Base Case	0	521.3	-	37	0	-0.13%	-0.13%	0.00%	
469	238751 02SMUCKER 2 138 238832 02JACKMA 138 1	238751	02SMUCKER 2	238832	02JACKMA	1	138	202	ATSI	241	292	Base Case	0	89.1	-	36.98	0	0.07%	0.07%	-0.01%	
470	250048 08KLEMN1 138 250060 08MDWAY1 138 1	250048	08KLEMN1	250060	08MDWAY1	1	138	212	DEO&K	275	275	Base Case	0	-101.7	-	36.98	0	-0.03%	-0.03%	0.01%	
471	243456 05CORRID 345 243491 05CORRID 138 2	243456	05CORRID	243491	05CORRID	2	345/138	205	AEP	696	747	Base Case	0	257.3	-	36.97	0	0.08%	0.08%	0.01%	
472	243018 05HEATH 138 243150 05WMILLP 138 1	243018	05HEATH	243150	05WMILLP	1	138	205	AEP	205	205	Base Case	0	-75.7	-	36.94	0	-0.05%	-0.05%	0.06%	
473	242560 05BONSCK 138 242840 05VINTON 138 1	242560	05BONSCK	242840	05VINTON	1	138	205	AEP	205	252	Base Case	0	75.7	-	36.92	0	0.07%	0.07%	-0.12%	
474	238781 02HANNA 345 238782 02HANNA 138 1	238781	02HANNA	238782	02HANNA	1	345/138	202	ATSI	599	684	Base Case	0	221.1	-	36.91	0	0.06%	0.06%	0.00%	
475	243007 05FRAZEY 138 243070 05OHIOCT 138 1	243007	05FRAZEY	243070	05OHIOCT	1	138	205	AEP	287	337	Base Case	0	-105.7	-	36.83	0	0.09%	0.09%	-0.03%	
476	243513 05GENOA 138 243590 05WESTAR 138 1	243513	05GENOA	243590	05WESTAR	1	138	205	AEP	223	274	Base Case	0	-82.1	-	36.82	0	0.01%	0.01%	0.00%	
477	242932 05CANTNC 345 242980 05CANTNC 138 1	242932	05CANTNC	242980	05CANTNC	1	345/138	205	AEP	500	563	Base Case	0	184.1	-	36.82	0	0.05%	0.05%	0.01%	
478	243235 0523RD 138 246625 05MEDFORD_BP 138 1	243235	0523RD	246625	05MEDFORD_BP	1	138	205	AEP	187	240	Base Case	0	-68.8	-	36.78	0	0.01%	0.01%	0.00%	
479	246887 05RAMEY 138 246919 05CHADWICK2 138 1	246887	05RAMEY	246919	05CHADWICK2	1	138	205	AEP	409	527	Base Case	0	-150.4	-	36.77	0	0.01%	0.01%	0.08%	
480	243377 05SORENS 138 244183 05LAFAY C SS 138 1	243377	05SORENS	244183	05LAFAY C SS	1	138	205	AEP	251	335	Base Case	0	92.2	-	36.73	0	-0.02%	-0.02%	0.01%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
481	238665 02DS Q-1 138 238671 02DW Q-1 138 1	238665	02DS Q-1	238671	02DW Q-1	1	138	202	ATSI	273	332	Base Case	0	-100.2	-	36.72	0	-0.25%	-0.25%	-0.03%	
482	238643 02CW Q-1 138 238671 02DW Q-1 138 1	238643	02CW Q-1	238671	02DW Q-1	1	138	202	ATSI	273	332	Base Case	0	100.2	-	36.72	0	-0.25%	-0.25%	-0.03%	
483	250053 08LAFARG 138 250097 08SGROVE 138 1	250053	08LAFARG	250097	08SGROVE	1	138	212	DEO&K	298	298	Base Case	0	-109.4	-	36.71	0	-0.01%	-0.01%	0.00%	
484	238821 02INLAND 345 238823 02INQ-14 138 4	238821	02INLAND	238823	02INQ-14	4	345/138	202	ATSI	620	739	Base Case	0	227.5	-	36.69	0	0.01%	0.01%	0.03%	
485	239303 02NILES 345 239008 02NILES 138 1	239303	02NILES	239008	02NILES	1	345/138	202	ATSI	581	693	Base Case	0	213.2	-	36.69	0	-0.04%	-0.04%	-0.05%	
486	242922 05FLTLCK 765 242928 05MARYSV 765 1	242922	05FLTLCK	242928	05MARYSV	1	765	205	AEP	4047	4142	Base Case	0	1483.1	-	36.65	0	1.46%	1.46%	3.73%	
487	249981 08AKSTEEL2 138 250010 08D.CRK2 138 1	249981	08AKSTEEL2	250010	08D.CRK2	1	138	212	DEO&K	299	299	Base Case	0	-109.5	-	36.63	0	-0.01%	-0.01%	-0.01%	
488	243017 05HAVILAND1 138 246352 05HAVILAND2 138 Z1	243017	05HAVILAND1	246352	05HAVILAND2	Z1	138	205	AEP	187	240	Base Case	0	-68.5	-	36.63	0	-0.18%	-0.18%	-0.06%	
489	243217 05DEQUIN 345 247712 05SULLIVAN 345 1	243217	05DEQUIN	247712	05SULLIVAN	1	345	205	AEP	971	1318	Base Case	0	-355.3	-	36.59	0	0.11%	0.11%	0.34%	
490	249981 08AKSTEEL2 138 250105 08TDHNTR 138 1	249981	08AKSTEEL2	250105	08TDHNTR	1	138	212	DEO&K	273	287	Base Case	0	-99.9	-	36.58	0	0.01%	0.01%	0.01%	
491	239133 02TANGY 345 242939 05MARYSV 345 1	239133	02TANGY	242939	05MARYSV	1	345	202/205	ATSI/AEP	897	1301	Base Case	0	-327.4	-	36.5	0	-0.36%	-0.36%	-0.16%	
492	250136 08HILCRT 138 250141 08SCEAST 138 1	250136	08HILCRT	250141	08SCEAST	1	138	212	DEO&K	301	301	Base Case	0	109.8	-	36.48	0	0.00%	0.00%	-0.01%	
493	239060 02RDGVL 138 239127 02STRYKE 138 1	239060	02RDGVL	239127	02STRYKE	1	138	202	ATSI	153	181	Base Case	0	55.8	-	36.45	0	-0.13%	-0.13%	0.00%	
494	243218 05DESOTO 345 243278 05DESOTO 138 2	243218	05DESOTO	243278	05DESOTO	2	345/138	205	AEP	584	692	Base Case	0	212.8	-	36.43	0	-0.01%	-0.01%	0.00%	
495	243070 05OHIOCT 138 243075 05POWELS 138 1	243070	05OHIOCT	243075	05POWELS	1	138	205	AEP	205	284	Base Case	0	74.7	-	36.43	0	-0.06%	-0.06%	-0.06%	
496	243207 05GRNTWN 765 244658 05GRNTWN 138 1	243207	05GRNTWN	244658	05GRNTWN	1	765/138	205	AEP	750	750	Base Case	0	273.1	-	36.41	0	-0.06%	-0.06%	-0.06%	
497	242756 05POAGES 138 242815 05STARKE 138 1	242756	05POAGES	242815	05STARKE	1	138	205	AEP	167	240	Base Case	0	60.7	-	36.33	0	-0.03%	-0.03%	-0.18%	
498	253006 09BATH 345 253005 09BATH 138 2	253006	09BATH	253005	09BATH	2	345/138	209	DAY	450	495	Base Case	0	163.5	-	36.33	0	-0.04%	-0.04%	0.02%	
499	253006 09BATH 345 253005 09BATH 138 1	253006	09BATH	253005	09BATH	1	345/138	209	DAY	450	495	Base Case	0	163.5	-	36.33	0	-0.04%	-0.04%	0.02%	
500	243508 05ITALNV 138 243575 05ST.CLR 138 1	243508	05ITALNV	243575	05ST.CLR	1	138	205	AEP	248	313	Base Case	0	-90.1	-	36.32	0	0.09%	0.09%	0.03%	
501	243353 05OLIVE 138 246075 05EDISON1 138 1	243353	05OLIVE	246075	05EDISON1	1	138	205	AEP	251	251	Base Case	0	91.1	-	36.28	0	-0.08%	-0.08%	-0.05%	
502	243031 05LYNN Z 138 243155 05W.NEWTONSS 138 1	243031	05LYNN Z	243155	05W.NEWTONSS	1	138	205	AEP	158	183	Base Case	0	-57.3	-	36.27	0	-0.10%	-0.10%	-0.03%	
503	243105 05SMILLB 138 247253 05BUCKSS 138 1	243105	05SMILLB	247253	05BUCKSS	1	138	205	AEP	185	257	Base Case	0	-67.1	-	36.27	0	-0.26%	-0.26%	0.04%	
504	238745 02GALION 345 238746 02GALION 138 3	238745	02GALION	238746	02GALION	3	345/138	202	ATSI	458	478	Base Case	0	165.7	-	36.19	0	-0.21%	-0.21%	-0.05%	
505	243526 05HYATT 138 243566 05SAWMIL 138 2	243526	05HYATT	243566	05SAWMIL	2	138	205	AEP	388	526	Base Case	0	140.2	-	36.14	0	0.03%	0.03%	0.00%	
506	242700 05LEBANO 138 246766 05ELKGAZ 138 1	242700	05LEBANO	246766	05ELKGAZ	1	138	205	AEP	446	446	Base Case	0	161	-	36.11	0	-0.34%	-0.34%	-0.33%	
507	242698 05LAKIN 138 243013 05GAVIN1 138 1	242698	05LAKIN	243013	05GAVIN1	1	138	205	AEP	185	185	Base Case	0	66.8	-	36.08	0	0.06%	0.06%	-0.02%	
508	238781 02HANNA 345 238782 02HANNA 138 2	238781	02HANNA	238782	02HANNA	2	345/138	202	ATSI	616	696	Base Case	0	222.2	-	36.07	0	0.06%	0.06%	0.00%	
509	247002 05WAYMSS 138 247128 05ASTNSS 138 1	247002	05WAYMSS	247128	05ASTNSS	1	138	205	AEP	205	255	Base Case	0	-73.9	-	36.05	0	-0.12%	-0.12%	0.05%	
510	243454 05BIXBY 345 243473 05BIXBY 138 1	243454	05BIXBY	243473	05BIXBY	1	345/138	205	AEP	789	879	Base Case	0	284.4	-	36.05	0	0.01%	0.01%	0.01%	
511	238782 02HANNA 138 239178 02WRAVNA 138 1	238782	02HANNA	239178	02WRAVNA	1	138	202	ATSI	295	369	Base Case	0	106.3	-	36.04	0	0.05%	0.05%	-0.01%	
512	242528 05SPORN 345 242808 05SPORNS 138 3	242528	05SPORN	242808	05SPORNS	3	345/138	205	AEP	475	544	Base Case	0	171.1	-	36.03	0	0.07%	0.07%	0.00%	
513	250105 08TDHNTR 138 250138 08NICKEL 138 1	250105	08TDHNTR	250138	08NICKEL	1	138	212	DEO&K	300	300	Base Case	0	108	-	36.01	0	-0.10%	-0.10%	-0.10%	
514	242605 05CLNCHR 138 246894 05VACITY 138 1	242605	05CLNCHR	246894	05VACITY	1	138	205	AEP	670	675	Base Case	0	-240.9	-	35.95	0	-0.15%	-0.15%	-0.15%	
515	242605 05CLNCHR 138 246894 05VACITY 138 2	242605	05CLNCHR	246894	05VACITY	2	138	205	AEP	670	675	Base Case	0	-240.9	-	35.95	0	-0.15%	-0.15%	-0.15%	
516	243473 05BIXBY 138 243518 05GROVES 138 2	243473	05BIXBY	243518	05GROVES	2	138	205	AEP	335	392	Base Case	0	120.4	-	35.93	0	0.01%	0.01%	0.01%	
517	243070 05OHIOCT 138 243160 05WTRNWY 138 1	243070	05OHIOCT	243160	05WTRNWY	1	138	205	AEP	205	255	Base Case	0	73.6	-	35.91	0	0.05%	0.05%	0.05%	
518	242999 05EPROCT 138 243064 05NPROCT 138 1	242999	05EPROCT	243064	05NPROCT	1	138	205	AEP	296	296	Base Case	0	-106.1	-	35.86	0	-0.02%	-0.02%	-0.06%	
519	242966 05BROADA 138 242994 05EAMSTD 138 1	242966	05BROADA	242994	05EAMSTD	1	138	205	AEP	336	393	Base Case	0	120.3	-	35.81	0	0.08%	0.08%	0.01%	
520	238678 02EAKRON 138 238864 02KNOX 138 1	238678	02EAKRON	238864	02KNOX	1	138	202	ATSI	185	189	Base Case	0	-66.2	-	35.78	0	0.03%	0.03%	0.05%	
521	249567 08M.FORT 345 249575 08TERMNL 345 1	249567	08M.FORT	249575	08TERMNL	1	345	212	DEO&K	1509	1509	Base Case	0	539.6	-	35.76	0	-0.32%	-0.32%	-0.28%	
522	242732 05NBRSTL 138 360490 4NBRISTOL VA 138 Z1	242732	05NBRSTL	360490	4NBRISTOL VA	Z1	138	205/347	AEP/TVA	242	248	Base Case	0	86.5	-	35.73	0	-0.05%	-0.05%	-0.15%	
523	238821 02INLAND 345 238822 02INQ-11 138 3	238821	02INLAND	238822	02INQ-11	3	345/138	202	ATSI	548	604	Base Case	0	195.6	-	35.69	0	-0.01%	-0.01%	0.02%	
524	242954 05APPLEC 138 243092 05SCANTO 138 1	242954	05APPLEC	243092	05SCANTO	1	138	205	AEP	205	205	Base Case	0	-73.2	-	35.69	0	0.12%	0.12%	-0.01%	
525	242508 05AMOS 765 242538 05AMOS_6_XFL 138 6	242508	05AMOS	242538	05AMOS_6_XFL	6	765/138	205	AEP	990	1119	Base Case	0	353	-	35.66	0	-0.15%	-0.15%	-0.18%	
526	242824 05TAMSM1 138 247113 05PIERSS 138 1	242824	05TAMSM1	247113	05PIERSS	1	138	205	AEP	164	180	Base Case	0	-58.5	-	35.65	0	-0.07%	-0.07%	-0.01%	
527	253079 09SUGRCK 345 253078 09SUGRCK 138 2	253079	09SUGRCK	253078	09SUGRCK	2	345/138	209	DAY	448	493	Base Case	0	159.7	-	35.65	0	0.02%	0.02%	0.05%	
528	247435 05MUSKNG_ESZ 138 247501 05MUSK_E_XFL 138 ZE	247435	05MUSKNG_ESZ	247501	05MUSK_E_XFL	ZE	138	205	AEP	766	800	Base Case	0	-272.1	-	35.52	0	-0.50%	-0.50%	-0.01%	
529	250014 08DNLSN1 138 250173 08WDSPNT 138 1	250014	08DNLSN1	250173	08WDSPNT	1	138	212	DEO&K	266	266	Base Case	0	-94.5	-	35.52	0	0.05%	0.05%	0.08%	
530	238581 02BRBRTN 138 239123 02STAR 138 1	238581	02BRBRTN	239123	02STAR	1	138	202	ATSI	196	242	Base Case	0	-69.5	-	35.48	0	-0.04%	-0.04%	0.00%	
531	247434 05MUSKNG_DSZ 138 247500 05MUSK_D_XFL 138 ZD	247434	05MUSKNG_DSZ	247500	05MUSK_D_XFL	ZD	138	205	AEP	766	800	Base Case	0	-271.7	-	35.47	0	-0.50%	-0.50%	-0.01%	
532	243499 05DUBLIN 138 243566 05SAWMIL 138 1	243499	05DUBLIN	243566	05SAWMIL	1	138	205	AEP	184	184	Base Case	0	-65.3	-	35.46	0	0.04%	0.04%	0.00%	
533	243480 05BUCKEY 138 243511 05GAY 138 1	243480	05BUCKEY	243511	05GAY	1	138	205	AEP	170	209	Base Case	0	60.3	-	35.46	0	0.04%	0.04%	0.02%	
534	239092 02SAMMIS 345 239122 02STAR 345 1	239092	02SAMMIS	239122	02STAR	1	345	202	ATSI	1435	1742	Base Case	0	508.6	-	35.45	0	0.94%	0.94%	0.16%	
535	238832 02JACKMA 138 239149 02VULCAN 138 1	238832	02JACKMA	239149	02VULCAN	1	138	202	ATSI	216	264	Base Case	0	76.4	-	35.36	0	0.04%	0.04%	-0.01%	
536	242528 05SPORN 345 242807 05SPORN 138 B	242528	05SPORN	242807	05SPORN	B	345/138	205	AEP	501	564	Base Case	0	176.8	-	35.29	0	0.07%	0.07%	0.00%	
537	238731 02FOX 345 238735 02FOXQ14 138 4	238731	02FOX	238735	02FOXQ14	4	345/138	202	ATSI	248	288	Base Case	0	87.5	-	35.28	0	0.14%	0.14%	0.02%	
538	242932 05CANTNC 345 242980 05CANTNC 138 3	242932	05CANTNC	242980	05CANTNC	3	345/138	205	AEP	524	605	Base Case	0	184.8	-	35.27	0	0.05%	0.05%	0.01%	
539	242966 05BROADA 138 243127 05TIDD 1-2 138 1	242966	05BROADA	243127	05TIDD 1-2	1	138	205	AEP	358	409	Base Case	0	-126	-	35.21	0	0.08%	0.08%	0.01%	
540	242516 05MOUNTN 765 242920 05BELMON 765 1	242516	05MOUNTN	242920	05BELMON	1	765	205	AEP	4047	4571	Base Case	0	1423.4	-	35.17	0	-7.66%	-7.66%	1.84%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
541	243371 05S SIDE 138 243380 05STDBKR 138 1	243371	05S SIDE	243380	05STDBKR	1	138	205	AEP	251	335	Base Case	0	88.3	-	35.16	0	0.06%	0.06%	0.04%	
542	239043 02PINE 138 239160 02WADS 138 1	239043	02PINE	239160	02WADS	1	138	202	ATSI	233	282	Base Case	0	-81.9	-	35.15	0	-0.04%	-0.04%	0.04%	
543	246407 05CABIN CRK2 138 246423 05CABNC9_XFL 138 Z2	246407	05CABIN CRK2	246423	05CABNC9_XFL	Z2	138	205	AEP	113	136	Base Case	0	39.7	-	35.13	0	0.00%	0.00%	0.01%	
544	242566 05BROADF 138 242600 05CLAYPL 138 1	242566	05BROADF	242600	05CLAYPL	1	138	205	AEP	296	296	Base Case	0	103.9	-	35.09	0	0.06%	0.06%	0.19%	
545	249996 08CLRMT1 138 250100 08SMRSD1 138 1	249996	08CLRMT1	250100	08SMRSD1	1	138	212	DEO&K	302	302	Base Case	0	105.9	-	35.06	0	0.03%	0.03%	0.03%	
546	243293 05FISHER 138 246051 05DEER CRK2 138 1	243293	05FISHER	246051	05DEER CRK2	1	138	205	AEP	251	335	Base Case	0	88	-	35.06	0	-0.07%	-0.07%	-0.05%	
547	243519 05HALLRD 138 247896 05BOLTON 138 1	243519	05HALLRD	247896	05BOLTON	1	138	205	AEP	223	223	Base Case	0	-78.1	-	35.04	0	-0.07%	-0.07%	0.00%	
548	243319 05JAY 138 247837 05PERCH 138 1	243319	05JAY	247837	05PERCH	1	138	205	AEP	409	409	Base Case	0	-143.2	-	35.01	0	-0.05%	-0.05%	0.03%	
549	238580 02BRADY 138 238652 02DARROW 138 1	238580	02BRADY	238652	02DARROW	1	138	202	ATSI	200	242	Base Case	0	70	-	35.01	0	0.03%	0.03%	0.02%	
550	238833 02JACKSN 138 238942 02MAPLE 138 1	238833	02JACKSN	238942	02MAPLE	1	138	202	ATSI	278	339	Base Case	0	97.3	-	35	0	0.64%	0.64%	0.12%	
551	238598 02CADQ18 138 238742 02FWLSQ4 138 1	238598	02CADQ18	238742	02FWLSQ4	1	138	202	ATSI	148	151	Base Case	0	-51.8	-	34.99	0	-0.01%	-0.01%	0.00%	
552	253050 09MONUM2 138 253063 09OVERL2 138 1	253050	09MONUM2	253063	09OVERL2	1	138	209	DAY	221	272	Base Case	0	-77.3	-	34.97	0	0.00%	0.00%	0.01%	
553	243220 05E.ELKHART 345 243287 05E.ELKHART 138 2	243220	05E.ELKHART	243287	05E.ELKHART	2	345/138	205	AEP	495	544	Base Case	0	173.1	-	34.97	0	0.08%	0.08%	0.05%	
554	238541 02AS Q-1 138 238645 02CW TP1 138 1	238541	02AS Q-1	238645	02CW TP1	1	138	202	ATSI	265	316	Base Case	0	-92.5	-	34.92	0	-0.26%	-0.26%	-0.03%	
555	238648 02CY Q-2 138 238740 02FWLSQ2 138 1	238648	02CY Q-2	238740	02FWLSQ2	1	138	202	ATSI	176	229	Base Case	0	61.4	-	34.91	0	-0.28%	-0.28%	-0.03%	
556	243092 05SCANTO 138 243132 05TORREY1 138 1	243092	05SCANTO	243132	05TORREY1	1	138	205	AEP	366	416	Base Case	0	127.7	-	34.89	0	-0.05%	-0.05%	0.09%	
557	242684 05J.FERR 138 242685 05J.FERX 138 ZB	242684	05J.FERR	242685	05J.FERX	ZB	138	205	AEP	358	421	Base Case	0	124.7	-	34.84	0	-0.10%	-0.10%	-0.16%	
558	242605 05CLNCHR 138 324316 4VIRGINIA CI 138 1	242605	05CLNCHR	324316	4VIRGINIA CI	1	138	205/363	AEP/LGEE	187	237	Base Case	0	65.1	-	34.82	0	0.04%	0.04%	0.05%	
559	238573 02BELEVU 138 239236 02TOLHOS 138 1	238573	02BELEVU	239236	02TOLHOS	1	138	202	ATSI	216	264	Base Case	0	-75.2	-	34.8	0	0.04%	0.04%	-0.01%	
560	243469 05BEATTY 138 243593 05ZUBER 138 1	243469	05BEATTY	243593	05ZUBER	1	138	205	AEP	150	212	Base Case	0	52.2	-	34.8	0	-0.05%	-0.05%	-0.13%	
561	242956 05BALLHL 138 242977 05CALDWE 138 1	242956	05BALLHL	242977	05CALDWE	1	138	205	AEP	205	284	Base Case	0	-71.3	-	34.8	0	-0.18%	-0.18%	0.05%	
562	250032 08FRFLD1 138 250070 08MRGAN1 138 1	250032	08FRFLD1	250070	08MRGAN1	1	138	212	DEO&K	194	194	Base Case	0	-67.3	-	34.68	0	-0.03%	-0.03%	0.01%	
563	238642 02CRSLND 138 239107 02SHNAGO 138 2	238642	02CRSLND	239107	02SHNAGO	2	138	202	ATSI	215	215	Base Case	0	-74.6	-	34.68	0	0.03%	0.03%	-0.02%	
564	249985 08BECKET 138 250105 08TDHNTR 138 1	249985	08BECKET	250105	08TDHNTR	1	138	212	DEO&K	299	299	Base Case	0	-103.4	-	34.6	0	-0.02%	-0.02%	-0.06%	
565	242989 05E LIMA 138 245516 05ROCKHILL2 138 1	242989	05E LIMA	245516	05ROCKHILL2	1	138	205	AEP	150	204	Base Case	0	51.9	-	34.58	0	0.01%	0.01%	-0.04%	
566	239106 02SHNAGO 345 239107 02SHNAGO 138 1	239106	02SHNAGO	239107	02SHNAGO	1	345/138	202	ATSI	548	688	Base Case	0	189.4	-	34.55	0	-0.32%	-0.32%	-0.04%	
567	243007 05FRAZEY 138 243079 05REFORM 138 1	243007	05FRAZEY	243079	05REFORM	1	138	205	AEP	287	337	Base Case	0	99.2	-	34.55	0	0.09%	0.09%	-0.03%	
568	250020 08ESTWD1 138 250141 08SCEAST 138 1	250020	08ESTWD1	250141	08SCEAST	1	138	212	DEO&K	301	301	Base Case	0	-103.9	-	34.53	0	0.00%	0.00%	-0.01%	
569	243024 05HOWARD 138 243039 05MELMOR 138 1	243024	05HOWARD	243039	05MELMOR	1	138	205	AEP	136	167	Base Case	0	-46.9	-	34.5	0	-0.12%	-0.12%	-0.09%	
570	243287 05E.ELKHART 138 243290 05ELCONZ 138 1	243287	05E.ELKHART	243290	05ELCONZ	1	138	205	AEP	251	251	Base Case	0	86.4	-	34.42	0	-0.02%	-0.02%	-0.01%	
571	239122 02STAR 345 239123 02STAR 138 1	239122	02STAR	239123	02STAR	1	345/138	202	ATSI	458	552	Base Case	0	157.5	-	34.4	0	0.00%	0.00%	-0.02%	
572	239237 02CLVR-S 138 242980 05CANTNC 138 1	239237	02CLVR-S	242980	05CANTNC	1	138	202/205	ATSI/AEP	161	194	Base Case	0	-55.3	-	34.38	0	0.22%	0.22%	0.00%	
573	243097 05SECANT 138 243120 05SUNNYSIDE1 138 1	243097	05SECANT	243120	05SUNNYSIDE1	1	138	205	AEP	296	392	Base Case	0	101.7	-	34.36	0	0.04%	0.04%	0.00%	
574	242814 05ST.ALB 138 246382 05TURNER_BP 138 1	242814	05ST.ALB	246382	05TURNER_BP	1	138	205	AEP	271	361	Base Case	0	-93.1	-	34.34	0	-0.01%	-0.01%	-0.19%	
575	243549 05MULBRY 138 243562 05ROSS 138 1	243549	05MULBRY	243562	05ROSS	1	138	205	AEP	223	310	Base Case	0	76.5	-	34.32	0	-0.08%	-0.08%	0.07%	
576	238695 02ELW+ 138 238706 02EU TAP 138 1	238695	02ELW+	238706	02EU TAP	1	138	202	ATSI	160	192	Base Case	0	-54.9	-	34.3	0	0.00%	0.00%	0.00%	
577	238753 02GFQ-11 138 238792 02HDGQ11 138 1	238753	02GFQ-11	238792	02HDGQ11	1	138	202	ATSI	399	488	Base Case	0	-136.8	-	34.3	0	0.01%	0.01%	0.02%	
578	239106 02SHNAGO 345 239107 02SHNAGO 138 2	239106	02SHNAGO	239107	02SHNAGO	2	345/138	202	ATSI	548	659	Base Case	0	187.8	-	34.27	0	-0.32%	-0.32%	-0.04%	
579	239093 02SAMMIS 138 239372 02HAGAN 138 1	239093	02SAMMIS	239372	02HAGAN	1	138	202	ATSI	185	189	Base Case	0	63.4	-	34.26	0	0.13%	0.13%	0.00%	
580	238961 02MIDWAY 345 238962 02MIDWAY 138 3	238961	02MIDWAY	238962	02MIDWAY	3	345/138	202	ATSI	417	504	Base Case	0	142.7	-	34.22	0	0.03%	0.03%	0.01%	
581	238956 02MFLDQ1 138 239045 02PN Q-1 138 1	238956	02MFLDQ1	239045	02PN Q-1	1	138	202	ATSI	115	115	Base Case	0	-39.3	-	34.22	0	0.13%	0.13%	-0.04%	
582	253079 09SUGRCK 345 253078 09SUGRCK 138 1	253079	09SUGRCK	253078	09SUGRCK	1	345/138	209	DAY	450	498	Base Case	0	153.9	-	34.2	0	0.02%	0.02%	0.05%	
583	242544 05AXTON 138 242816 05STOCKT 138 1	242544	05AXTON	242816	05STOCKT	1	138	205	AEP	283	396	Base Case	0	96.7	-	34.19	0	-0.03%	-0.03%	0.25%	
584	243317 05IRELAN 138 243318 05JACKSON RD 138 1	243317	05IRELAN	243318	05JACKSON RD	1	138	205	AEP	219	251	Base Case	0	-74.9	-	34.19	0	-0.05%	-0.05%	-0.03%	
585	249980 08AGSTNE 138 250133 08WLDER2 138 1	249980	08AGSTNE	250133	08WLDER2	1	138	212	DEO&K	291	291	Base Case	0	-99.5	-	34.18	0	0.04%	0.04%	0.04%	
586	242748 05PENHOK 138 243951 05REDWOOD 138 1	242748	05PENHOK	243951	05REDWOOD	1	138	205	AEP	296	392	Base Case	0	101.2	-	34.18	0	0.00%	0.00%	0.39%	
587	242858 05WYTHE1 138 242859 05WYTHE2 138 Z1	242858	05WYTHE1	242859	05WYTHE2	Z1	138	205	AEP	285	337	Base Case	0	-97.3	-	34.13	0	-0.11%	-0.11%	-0.06%	
588	246927 05SAND H 138 246945 05BIGR1Z 138 1	246927	05SAND H	246945	05BIGR1Z	1	138	205	AEP	205	205	Base Case	0	-69.8	-	34.04	0	-0.18%	-0.18%	0.05%	
589	250012 08DERPK2 138 250114 08TP7481 138 1	250012	08DERPK2	250114	08TP7481	1	138	212	DEO&K	266	266	Base Case	0	-90.5	-	34.03	0	0.00%	0.00%	0.00%	
590	243070 05OHIOCT 138 243094 05SCOSHC 138 1	243070	05OHIOCT	243094	05SCOSHC	1	138	205	AEP	185	240	Base Case	0	62.9	-	34.01	0	-0.34%	-0.34%	0.01%	
591	243498 05DLAWAR2 138 253021 09DARBY 138 1	243498	05DLAWAR2	253021	09DARBY	1	138	205/209	AEP/DAY	196	220	Base Case	0	66.6	-	34	0	0.12%	0.12%	0.04%	
592	249574 08TDHNTR 345 249576 08WODSDL 345 1	249574	08TDHNTR	249576	08WODSDL	1	345	212	DEO&K	1509	1509	Base Case	0	-513	-	33.99	0	-0.33%	-0.33%	-0.27%	
593	249574 08TDHNTR 345 249576 08WODSDL 345 2	249574	08TDHNTR	249576	08WODSDL	2	345	212	DEO&K	1509	1509	Base Case	0	-513	-	33.99	0	-0.33%	-0.33%	-0.27%	
594	239370 02DOWLING 345 239371 02DOWLING 138 1	239370	02DOWLING	239371	02DOWLING	1	345/138	202	ATSI	386	436	Base Case	0	131.1	-	33.96	0	0.01%	0.01%	0.02%	
595	243160 05WTRNWY 138 246941 05MILL2Z 138 1	243160	05WTRNWY	246941	05MILL2Z	1	138	205	AEP	205	205	Base Case	0	69.6	-	33.95	0	0.05%	0.05%	0.05%	
596	242768 05RIDGWX 138 242769 05RIDGWY 138 SR	242768	05RIDGWX	242769	05RIDGWY	SR	138	205	AEP	121	121	Base Case	0	-41.1	-	33.93	0	0.00%	0.00%	0.32%	
597	242944 05SECANT 345 243097 05SECANT 138 1	242944	05SECANT	243097	05SECANT	1	345/138	205	AEP	696	747	Base Case	0	236.1	-	33.93	0	0.13%	0.13%	0.00%	
598	238563 02BAY SH 345 241901 02LALLENDORF 345 2	238563	02BAY SH	241901	02LALLENDORF	2	345	202	ATSI	1439	1774	Base Case	0	-487.8	-	33.9	0	-0.80%	-0.80%	-0.07%	
599	242985 05CNTYLN 138 246927 05SAND H 138 1	242985	05CNTYLN	246927	05SAND H	1	138	205	AEP	219	255	Base Case	0	74.2	-	33.9	0	0.01%	0.01%	0.09%	
600	242767 05RIDGWA 138 242768 05RIDGWX 138 SR	242767	05RIDGWA	242768	05RIDGWX	SR	138	205	AEP	121	121	Base Case	0	-41	-	33.89	0	0.00%	0.00%	0.32%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
601	239726 02LAKEAVE 138 239728 02BLKRVR 138 1	239726	02LAKEAVE	239728	02BLKRVR	1	138	202	ATSI	328	396	Base Case	0	111.1	-	33.87	0	-0.17%	-0.17%	-0.02%	
602	242524 05CLOVRD 345 242607 05CLOVRD 138 1B	242524	05CLOVRD	242607	05CLOVRD	1B	345/138	205	AEP	410	527	Base Case	0	138.8	-	33.86	0	0.14%	0.14%	-0.27%	
603	238879 02LB Q13 138 238935 02LYQ-13 138 1	238879	02LB Q13	238935	02LYQ-13	1	138	202	ATSI	148	151	Base Case	0	50.1	-	33.86	0	0.01%	0.01%	0.00%	
604	243531 05KIMBRY 138 244198 05LEMASTER 138 1	243531	05KIMBRY	244198	05LEMASTER	1	138	205	AEP	223	223	Base Case	0	-75.5	-	33.84	0	-0.03%	-0.03%	0.09%	
605	242954 05APPLEC 138 242978 05CANALR 138 1	242954	05APPLEC	242978	05CANALR	1	138	205	AEP	205	205	Base Case	0	69.3	-	33.83	0	0.12%	0.12%	-0.01%	
606	243102 05SINK SP8SS 138 245948 05MILLBR PK2 138 1	243102	05SINK SP8SS	245948	05MILLBR PK2	1	138	205	AEP	185	185	Base Case	0	-62.5	-	33.8	0	0.22%	0.22%	0.25%	
607	250053 08LAFARG 138 250140 08DAYTON 138 1	250053	08LAFARG	250140	08DAYTON	1	138	212	DEO&K	298	298	Base Case	0	100.6	-	33.76	0	-0.01%	-0.01%	0.00%	
608	242571 05BUCKHO 138 242827 05TAZEWE 138 1	242571	05BUCKHO	242827	05TAZEWE	1	138	205	AEP	251	251	Base Case	0	-84.7	-	33.75	0	-0.13%	-0.13%	-0.26%	
609	238578 02BORDMN 138 239107 02SHNAGO 138 1	238578	02BORDMN	239107	02SHNAGO	1	138	202	ATSI	130	168	Base Case	0	-43.9	-	33.75	0	0.08%	0.08%	-0.04%	
610	242950 05ACADEM 138 246941 05MILL2Z 138 1	242950	05ACADEM	246941	05MILL2Z	1	138	205	AEP	205	205	Base Case	0	-69.2	-	33.73	0	0.05%	0.05%	0.05%	
611	243557 05RENO Z 138 247809 05LEVEE 138 1	243557	05RENO Z	247809	05LEVEE	1	138	205	AEP	282	282	Base Case	0	95.1	-	33.72	0	0.27%	0.27%	0.20%	
612	242565 05BRADL2 138 242695 05KINCAI 138 1	242565	05BRADL2	242695	05KINCAI	1	138	205	AEP	205	255	Base Case	0	-69.1	-	33.7	0	-0.08%	-0.08%	-0.24%	
613	242732 05NBRSTL 138 242851 05WOLFH2 138 1	242732	05NBRSTL	242851	05WOLFH2	1	138	205	AEP	251	330	Base Case	0	-84.6	-	33.7	0	-0.05%	-0.05%	-0.19%	
614	243459 05KIRK 345 243532 05KIRK 138 5	243459	05KIRK	243532	05KIRK	5	345/138	205	AEP	675	675	Base Case	0	227.5	-	33.7	0	-0.09%	-0.09%	0.04%	
615	238547 02AT 345 239082 02S8-ATT 345 1	238547	02AT	239082	02S8-ATT	1	345	202	ATSI	733	828	Base Case	0	246.8	-	33.67	0	0.65%	0.65%	-0.12%	
616	238879 02LB Q13 138 238950 02MBQ-13 138 1	238879	02LB Q13	238950	02MBQ-13	1	138	202	ATSI	324	395	Base Case	0	-109	-	33.64	0	0.01%	0.01%	0.00%	
617	242929 05NPROCT 765 243064 05NPROCT 138 2	242929	05NPROCT	243064	05NPROCT	2	765/138	205	AEP	917	996	Base Case	0	308.2	-	33.61	0	0.07%	0.07%	0.08%	
618	250055 08LTERL7 138 250093 08REDBK2 138 1	250055	08LTERL7	250093	08REDBK2	1	138	212	DEO&K	264	264	Base Case	0	-88.7	-	33.6	0	0.02%	0.02%	0.01%	
619	238913 02LRCRQ2 138 240352 02PM2Q11 138 1	238913	02LRCRQ2	240352	02PM2Q11	1	138	202	ATSI	273	332	Base Case	0	91.7	-	33.58	0	0.08%	0.08%	-0.02%	
620	243063 05N.NEWARK1 138 243098 05SHARPR 138 1	243063	05N.NEWARK1	243098	05SHARPR	1	138	205	AEP	158	183	Base Case	0	53	-	33.57	0	0.04%	0.04%	0.09%	
621	238634 02COMERC 138 239306 02REPUBLICSM 138 1	238634	02COMERC	239306	02REPUBLICSM	1	138	202	ATSI	152	185	Base Case	0	51	-	33.57	0	0.11%	0.11%	-0.08%	
622	239045 02PN Q-1 138 239112 02LRCRQ1 138 1	239045	02PN Q-1	239112	02LRCRQ1	1	138	202	ATSI	160	192	Base Case	0	-53.7	-	33.57	0	0.13%	0.13%	-0.04%	
623	238782 02HANNA 138 239101 02SHALER 138 1	238782	02HANNA	239101	02SHALER	1	138	202	ATSI	260	309	Base Case	0	87.1	-	33.51	0	0.02%	0.02%	0.01%	
624	243551 05OSU 138 246907 05W.CAMPUS 138 1	243551	05OSU	246907	05W.CAMPUS	1	138	205	AEP	323	397	Base Case	0	-108.2	-	33.51	0	-0.01%	-0.01%	-0.02%	
625	243220 05E.ELKHART 345 255105 17HIPLE 345 1	243220	05E.ELKHART	255105	17HIPLE	1	345	205/217	AEP/NIPS	1409	1409	Base Case	0	471.7	-	33.48	0	-0.56%	-0.56%	-0.47%	
626	242644 05FREMO1 138 242645 05FREMO2 138 Z1	242644	05FREMO1	242645	05FREMO2	Z1	138	205	AEP	335	392	Base Case	0	112.1	-	33.46	0	0.02%	0.02%	0.18%	
627	242927 05MARQUI 765 242938 05MARQUI 345 1	242927	05MARQUI	242938	05MARQUI	1	765/345	205	AEP	2742	3097	Base Case	0	917.4	-	33.46	0	0.80%	0.80%	2.40%	
628	238772 02GTQ-12 138 239222 02CHSTL 138 1	238772	02GTQ-12	239222	02CHSTL	1	138	202	ATSI	278	339	Base Case	0	93	-	33.45	0	0.00%	0.00%	0.00%	
629	239008 02NILES 138 239120 02SSPRNG 138 2	239008	02NILES	239120	02SSPRNG	2	138	202	ATSI	225	295	Base Case	0	75.2	-	33.42	0	-0.13%	-0.13%	-0.01%	
630	242937 05KAMMER 345 243026 05KAMMER13 138 32	242937	05KAMMER	243026	05KAMMER13	32	345/138	205	AEP	747	747	Base Case	0	249.5	-	33.4	0	-0.19%	-0.19%	0.30%	
631	238797 02HGHLND 138 238939 02MAHNGS 138 1	238797	02HGHLND	238939	02MAHNGS	1	138	202	ATSI	200	223	Base Case	0	66.8	-	33.39	0	-0.02%	-0.02%	0.00%	
632	239269 02RICHLJ 138 242993 05E.LEIPSIC2 138 1	239269	02RICHLJ	242993	05E.LEIPSIC2	1	138	202/205	ATSI/AEP	223	223	Base Case	0	74.4	-	33.37	0	-0.07%	-0.07%	-0.11%	
633	239289 02HAYES 345 239290 02HAYES 138 1	239289	02HAYES	239290	02HAYES	1	345/138	202	ATSI	393	493	Base Case	0	131.1	-	33.36	0	0.13%	0.13%	0.01%	
634	242774 05ROANO2 138 246981 05SUNSCA 138 1	242774	05ROANO2	246981	05SUNSCA	1	138	205	AEP	167	245	Base Case	0	55.6	-	33.31	0	0.05%	0.05%	0.36%	
635	244183 05LAFAY C SS 138 244489 05FOGWELL 138 1	244183	05LAFAY C SS	244489	05FOGWELL	1	138	205	AEP	251	335	Base Case	0	83.6	-	33.3	0	-0.02%	-0.02%	0.01%	
636	243059 05NFINDL 138 247172 05EBERSO 138 1	243059	05NFINDL	247172	05EBERSO	1	138	205	AEP	167	245	Base Case	0	-55.6	-	33.29	0	0.11%	0.11%	-0.07%	
637	242949 05WMILLP 345 243150 05WMILLP 138 1	242949	05WMILLP	243150	05WMILLP	1	345/138	205	AEP	495	558	Base Case	0	164.7	-	33.28	0	0.01%	0.01%	0.04%	
638	243064 05NPROCT 138 245664 05E.HUNTING1 138 1	243064	05NPROCT	245664	05E.HUNTING1	1	138	205	AEP	219	251	Base Case	0	72.8	-	33.25	0	-0.01%	-0.01%	-0.03%	
639	238941 02MANSFD 345 253902 15BVRVAL 345 2	238941	02MANSFD	253902	15BVRVAL	2	345	202/215	ATSI/DLCO	1486	1739	Base Case	0	-493.8	-	33.23	0	-0.17%	-0.17%	0.17%	
640	238841 02JNPRQ2 138 239002 02NFLDQ2 138 1	238841	02JNPRQ2	239002	02NFLDQ2	1	138	202	ATSI	273	332	Base Case	0	90.7	-	33.23	0	-0.15%	-0.15%	0.04%	
641	239018 02FULTON 345 238738 02FULTON 138 1	239018	02FULTON	238738	02FULTON	1	345/138	202	ATSI	346	392	Base Case	0	114.9	-	33.21	0	0.03%	0.03%	0.01%	
642	243078 05REEDUR 138 246471 05MILES AVE 138 1	243078	05REEDUR	246471	05MILES AVE	1	138	205	AEP	251	335	Base Case	0	83.3	-	33.18	0	-0.08%	-0.08%	0.05%	
643	243034 05MARQUI 138 243140 05WAKEFL 138 1	243034	05MARQUI	243140	05WAKEFL	1	138	205	AEP	219	223	Base Case	0	72.7	-	33.18	0	0.00%	0.00%	-0.07%	
644	242989 05E LIMA 138 246155 05FORD LIMA2 138 1	242989	05E LIMA	246155	05FORD LIMA2	1	138	205	AEP	167	240	Base Case	0	55.4	-	33.17	0	0.01%	0.01%	-0.03%	
645	250082 08P.UN1 138 250157 08CORNTP 138 1	250082	08P.UN1	250157	08CORNTP	1	138	212	DEO&K	198	198	Base Case	0	65.6	-	33.13	0	-0.02%	-0.02%	-0.03%	
646	242517 05WYOMIN 765 242857 05WYOMX2 138 2	242517	05WYOMIN	242857	05WYOMX2	2	765/138	205	AEP	792	855	Base Case	0	262.3	-	33.12	0	0.05%	0.05%	0.07%	
647	242517 05WYOMIN 765 242856 05WYOMX1 138 1	242517	05WYOMIN	242856	05WYOMX1	1	765/138	205	AEP	792	855	Base Case	0	262.3	-	33.12	0	0.05%	0.05%	0.07%	
648	243491 05CORRID 138 243510 05GAHANN 138 1	243491	05CORRID	243510	05GAHANN	1	138	205	AEP	335	392	Base Case	0	110.9	-	33.1	0	0.02%	0.02%	0.00%	
649	243132 05TORREY1 138 245697 05TORREY2 138 Z1	243132	05TORREY1	245697	05TORREY2	Z1	138	205	AEP	219	255	Base Case	0	72.4	-	33.05	0	-0.03%	-0.03%	0.08%	
650	253090 09WMILTN 345 253089 09WMILTN 138 1	253090	09WMILTN	253089	09WMILTN	1	345/138	209	DAY	450	495	Base Case	0	148.6	-	33.02	0	0.00%	0.00%	0.03%	
651	253090 09WMILTN 345 253089 09WMILTN 138 2	253090	09WMILTN	253089	09WMILTN	2	345/138	209	DAY	450	495	Base Case	0	148.6	-	33.02	0	0.00%	0.00%	0.03%	
652	242937 05KAMMER 345 246108 05KAMMER24 138 33	242937	05KAMMER	246108	05KAMMER24	33	345/138	205	AEP	747	747	Base Case	0	246.5	-	33	0	-0.19%	-0.19%	0.30%	
653	238915 02LRN Q2 138 238918 02SLTRQ2 138 1	238915	02LRN Q2	238918	02SLTRQ2	1	138	202	ATSI	265	316	Base Case	0	87.3	-	32.93	0	-0.28%	-0.28%	-0.03%	
654	250082 08P.UN1 138 250096 08SEWARD 138 1	250082	08P.UN1	250096	08SEWARD	1	138	212	DEO&K	291	291	Base Case	0	95.6	-	32.86	0	0.01%	0.01%	0.00%	
655	238782 02HANNA 138 239178 02WRAVNA 138 2	238782	02HANNA	239178	02WRAVNA	2	138	202	ATSI	324	395	Base Case	0	106.3	-	32.82	0	0.05%	0.05%	-0.01%	
656	238952 02MCD + 138 239008 02NILES 138 1	238952	02MCD +	239008	02NILES	1	138	202	ATSI	196	228	Base Case	0	-64.3	-	32.79	0	0.04%	0.04%	0.00%	
657	243456 05CORRID 345 246752 05VASSEL 345 1	243456	05CORRID	246752	05VASSEL	1	345	205	AEP	1245	1245	Base Case	0	-407.1	-	32.7	0	0.16%	0.16%	0.04%	
658	243315 05ILLINO 138 243316 05INDUST PK1 138 1	243315	05ILLINO	243316	05INDUST PK1	1	138	205	AEP	251	335	Base Case	0	82.1	-	32.7	0	-0.02%	-0.02%	0.03%	
659	242960 05BETHLM 138 242969 05BRUES2 138 1	242960	05BETHLM	242969	05BRUES2	1	138	205	AEP	329	361	Base Case	0	-107.5	-	32.67	0	0.01%	0.01%	0.09%	
660	242956 05BALLHL 138 244095 05SUMMRFD_BP 138 1	242956	05BALLHL	244095	05SUMMRFD_BP	1	138	205	AEP	205	284	Base Case	0	67	-	32.67	0	-0.18%	-0.18%	0.05%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
661	238914 02LRCRQ3 138 239039 02PGTP11 138 1	238914	02LRCRQ3	239039	02PGTP11	1	138	202	ATSI	148	151	Base Case	0	48.3	-	32.64	0	0.12%	0.12%	-0.03%	
662	238878 02LB Q12 138 240252 02LMQ-12 138 1	238878	02LB Q12	240252	02LMQ-12	1	138	202	ATSI	148	151	Base Case	0	48.3	-	32.63	0	0.01%	0.01%	0.00%	
663	242949 05WMILLP 345 243150 05WMILLP 138 2	242949	05WMILLP	243150	05WMILLP	2	345/138	205	AEP	500	540	Base Case	0	163.1	-	32.63	0	0.01%	0.01%	0.04%	
664	243105 05SMILLB 138 243151 05WMILLS 138 1	243105	05SMILLB	243151	05WMILLS	1	138	205	AEP	185	243	Base Case	0	60.3	-	32.62	0	-0.27%	-0.27%	0.04%	
665	249996 08CLRMT1 138 249997 08CLRMT2 138 Z1	249996	08CLRMT1	249997	08CLRMT2	Z1	138	212	DEO&K	394	394	Base Case	0	-128.4	-	32.6	0	0.03%	0.03%	0.03%	
666	238581 02BRBRTN 138 239123 02STAR 138 2	238581	02BRBRTN	239123	02STAR	2	138	202	ATSI	208	256	Base Case	0	-67.7	-	32.56	0	-0.04%	-0.04%	0.00%	
667	238636 02CPPW41 138 238660 02DIVISN 138 1	238636	02CPPW41	238660	02DIVISN	1	138	202	ATSI	170	193	Base Case	0	55.3	-	32.55	0	-0.22%	-0.22%	-0.01%	
668	243064 05NPROCT 138 243675 05BELLF1 138 1	243064	05NPROCT	243675	05BELLF1	1	138	205	AEP	136	167	Base Case	0	44.2	-	32.53	0	0.05%	0.05%	0.03%	
669	238563 02BAY SH 345 241901 02LALLENDORF 345 1	238563	02BAY SH	241901	02LALLENDORF	1	345	202	ATSI	1486	1824	Base Case	0	-483	-	32.5	0	-0.79%	-0.79%	-0.06%	
670	242528 05SPORN 345 242940 05MUSKNG 345 1	242528	05SPORN	242940	05MUSKNG	1	345	205	AEP	1188	1539	Base Case	0	386.1	-	32.5	0	-0.81%	-0.81%	1.11%	
671	244095 05SUMMRFD_BP 138 247757 05HERLAN SW 138 1	244095	05SUMMRFD_BP	247757	05HERLAN SW	1	138	205	AEP	205	284	Base Case	0	66.6	-	32.49	0	-0.18%	-0.18%	0.05%	
672	242843 05WLAKE 138 243951 05REDWOOD 138 1	242843	05WLAKE	243951	05REDWOOD	1	138	205	AEP	296	392	Base Case	0	-96.1	-	32.48	0	0.00%	0.00%	0.39%	
673	247130 05HOLLOW 345 247849 05HOLLOW_XFL 138 1	247130	05HOLLOW	247849	05HOLLOW_XFL	1	345/138	205	AEP	680	881	Base Case	0	220.7	-	32.46	0	0.04%	0.04%	-0.06%	
674	250029 08FOSTER 138 250119 08TWYMI1 138 1	250029	08FOSTER	250119	08TWYMI1	1	138	212	DEO&K	298	298	Base Case	0	96.7	-	32.45	0	0.05%	0.05%	0.03%	
675	243068 05NZANEV 138 243075 05POWELS 138 1	243068	05NZANEV	243075	05POWELS	1	138	205	AEP	205	284	Base Case	0	-66.5	-	32.42	0	-0.06%	-0.06%	-0.06%	
676	242528 05SPORN 345 242808 05SPORNS 138 4	242528	05SPORN	242808	05SPORNS	4	345/138	205	AEP	545	611	Base Case	0	176.3	-	32.35	0	0.07%	0.07%	0.00%	
677	243856 05JUG ST 1-6 138 246385 05JUGST 7-11 138 Z1	243856	05JUG ST 1-6	246385	05JUGST 7-11	Z1	138	205	AEP	548	601	Base Case	0	177.3	-	32.35	0	0.00%	0.00%	0.00%	
678	239237 02CLVR-S 138 239341 02LEGEND 138 1	239237	02CLVR-S	239341	02LEGEND	1	138	202	ATSI	200	242	Base Case	0	-64.6	-	32.3	0	0.25%	0.25%	0.04%	
679	243774 05ORMET 138 246108 05KAMMER24 138 1	243774	05ORMET	246108	05KAMMER24	1	138	205	AEP	296	398	Base Case	0	95.5	-	32.28	0	-0.06%	-0.06%	-0.06%	
680	243774 05ORMET 138 246108 05KAMMER24 138 4	243774	05ORMET	246108	05KAMMER24	4	138	205	AEP	296	296	Base Case	0	95.5	-	32.28	0	-0.06%	-0.06%	-0.06%	
681	243774 05ORMET 138 246108 05KAMMER24 138 3	243774	05ORMET	246108	05KAMMER24	3	138	205	AEP	296	296	Base Case	0	95.5	-	32.28	0	-0.06%	-0.06%	-0.06%	
682	243774 05ORMET 138 246108 05KAMMER24 138 2	243774	05ORMET	246108	05KAMMER24	2	138	205	AEP	296	398	Base Case	0	95.5	-	32.28	0	-0.06%	-0.06%	-0.06%	
683	238934 02LYQ-12 138 240252 02LMQ-12 138 1	238934	02LYQ-12	240252	02LMQ-12	1	138	202	ATSI	103	132	Base Case	0	-33.2	-	32.25	0	0.01%	0.01%	0.00%	
684	239726 02LAKEAVE 138 239728 02BLKRVR 138 2	239726	02LAKEAVE	239728	02BLKRVR	2	138	202	ATSI	312	380	Base Case	0	100.6	-	32.24	0	-0.15%	-0.15%	-0.02%	
685	238796 02HGHLND 345 238797 02HGHLND 138 3	238796	02HGHLND	238797	02HGHLND	3	345/138	202	ATSI	532	597	Base Case	0	171.5	-	32.23	0	-0.02%	-0.02%	-0.04%	
686	238794 02HDGQ13 138 238923 02LTEQ13 138 1	238794	02HDGQ13	238923	02LTEQ13	1	138	202	ATSI	425	522	Base Case	0	136.9	-	32.21	0	0.01%	0.01%	0.00%	
687	242564 05BRADL1 138 247333 05PAX BRANCH 138 1	242564	05BRADL1	247333	05PAX BRANCH	1	138	205	AEP	205	284	Base Case	0	-66	-	32.2	0	-0.09%	-0.09%	-0.24%	
688	238797 02HGHLND 138 239120 02SSPRNG 138 1	238797	02HGHLND	239120	02SSPRNG	1	138	202	ATSI	277	337	Base Case	0	89.1	-	32.17	0	-0.15%	-0.15%	-0.01%	
689	242762 05REEDCR 138 242798 05SHORT 138 1	242762	05REEDCR	242798	05SHORT	1	138	205	AEP	205	205	Base Case	0	65.9	-	32.15	0	-0.01%	-0.01%	-0.05%	
690	243031 05LYNN Z 138 243103 05SKENTO 138 1	243031	05LYNN Z	243103	05SKENTO	1	138	205	AEP	164	180	Base Case	0	52.7	-	32.15	0	-0.10%	-0.10%	-0.03%	
691	250027 08FLRNC1 138 250028 08FLRNC2 138 Z1	250027	08FLRNC1	250028	08FLRNC2	Z1	138	212	DEO&K	406	454	Base Case	0	-130.2	-	32.07	0	0.04%	0.04%	0.07%	
692	242544 05AXTON 138 242711 05MARTN1 138 1	242544	05AXTON	242711	05MARTN1	1	138	205	AEP	283	396	Base Case	0	90.7	-	32.06	0	-0.04%	-0.04%	0.30%	
693	243669 05B SAND 138 243678 05BSANDX 138 SR	243669	05B SAND	243678	05BSANDX	SR	138	205	AEP	335	370	Base Case	0	107.4	-	32.05	0	0.04%	0.04%	-0.08%	
694	239122 02STAR 345 239353 02HARMON 345 1	239122	02STAR	239353	02HARMON	1	345	202	ATSI	1366	1693	Base Case	0	-437.6	-	32.03	0	-0.03%	-0.03%	0.80%	
695	243469 05BEATTY 138 243588 05WILSON 138 1	243469	05BEATTY	243588	05WILSON	1	138	205	AEP	223	223	Base Case	0	71.3	-	31.99	0	-0.07%	-0.07%	0.00%	
696	243522 05HARRISON 138 243550 05OBETZ 138 1	243522	05HARRISON	243550	05OBETZ	1	138	205	AEP	164	180	Base Case	0	52.5	-	31.99	0	-0.05%	-0.05%	0.06%	
697	239008 02NILES 138 239299 02BRLAKE 138 1	239008	02NILES	239299	02BRLAKE	1	138	202	ATSI	117	147	Base Case	0	37.4	-	31.98	0	0.10%	0.10%	-0.06%	
698	253077 09STUART 345 253310 AC1-085 POI 345 1	253077	09STUART	253310	AC1-085 POI	1	345	209	DAY	1255	1374	Base Case	0	401.3	-	31.97	0	-0.07%	-0.07%	0.24%	
699	239107 02SHNAGO 138 239934 02HEASLEY 138 1	239107	02SHNAGO	239934	02HEASLEY	1	138	202	ATSI	176	229	Base Case	0	56.2	-	31.95	0	-0.22%	-0.22%	0.00%	
700	238574 02BELPT+ 138 238964 02MLCRK+ 138 1	238574	02BELPT+	238964	02MLCRK+	1	138	202	ATSI	160	192	Base Case	0	51.1	-	31.94	0	0.09%	0.09%	0.01%	
701	238941 02MANSFD 345 253902 15BVRVAL 345 1	238941	02MANSFD	253902	15BVRVAL	1	345	202/215	ATSI/DLCO	1486	1739	Base Case	0	-474.4	-	31.92	0	-0.16%	-0.16%	0.16%	
702	242665 05HANSON 138 242714 05MEADWV 138 1	242665	05HANSON	242714	05MEADWV	1	138	205	AEP	167	240	Base Case	0	53.3	-	31.92	0	-0.10%	-0.10%	-0.10%	
703	239986 02NEWSTACY 138 246327 05NOTTINGH78 138 1	239986	02NEWSTACY	246327	05NOTTINGH78	1	138	202/205	ATSI/AEP	200	242	Base Case	0	-63.7	-	31.87	0	-0.13%	-0.13%	0.07%	
704	238944 02MASURY 138 238948 02MAYSVL 138 1	238944	02MASURY	238948	02MAYSVL	1	138	202	ATSI	124	124	Base Case	0	39.5	-	31.86	0	-0.04%	-0.04%	0.00%	
705	243019 05HILLSB 138 243102 05SINK SP8SS 138 1	243019	05HILLSB	243102	05SINK SP8SS	1	138	205	AEP	185	185	Base Case	0	-58.9	-	31.82	0	0.22%	0.22%	0.25%	
706	243454 05BIXBY 345 246888 05BIERSR 345 1	243454	05BIXBY	246888	05BIERSR	1	345	205	AEP	1370	1503	Base Case	0	-435.7	-	31.8	0	-0.36%	-0.36%	0.63%	
707	246606 05WETZEL SS 138 247002 05WAYMSS 138 1	246606	05WETZEL SS	247002	05WAYMSS	1	138	205	AEP	219	255	Base Case	0	-69.6	-	31.78	0	0.00%	0.00%	0.00%	
708	238850 02JUNIPE 345 238841 02JNPRQ2 138 2	238850	02JUNIPE	238841	02JNPRQ2	2	345/138	202	ATSI	548	661	Base Case	0	174.1	-	31.77	0	0.02%	0.02%	0.05%	
709	242697 05KUMIS 138 242708 05M FUNK 138 1	242697	05KUMIS	242708	05M FUNK	1	138	205	AEP	223	223	Base Case	0	-70.8	-	31.74	0	0.12%	0.12%	0.22%	
710	239103 02SHARON 138 239934 02HEASLEY 138 1	239103	02SHARON	239934	02HEASLEY	1	138	202	ATSI	176	229	Base Case	0	-55.8	-	31.71	0	-0.01%	-0.01%	-0.01%	
711	243232 05SORENS 345 243377 05SORENS 138 1	243232	05SORENS	243377	05SORENS	1	345/138	205	AEP	711	807	Base Case	0	225.3	-	31.69	0	0.04%	0.04%	0.02%	
712	243518 05GROVES 138 246761 05THREEC 138 1	243518	05GROVES	246761	05THREEC	1	138	205	AEP	287	337	Base Case	0	-90.9	-	31.67	0	0.00%	0.00%	0.01%	
713	242566 05BROADF 138 242567 05BROADX 138 ZB	242566	05BROADF	242567	05BROADX	ZB	138	205	AEP	348	407	Base Case	0	110.2	-	31.67	0	-0.19%	-0.19%	-0.33%	
714	249988 08BKJ135 138 250133 08WLDER2 138 1	249988	08BKJ135	250133	08WLDER2	1	138	212	DEO&K	186	186	Base Case	0	58.9	-	31.64	0	0.02%	0.02%	0.02%	
715	242788 05SALTV1 138 246766 05ELKGAZ 138 1	242788	05SALTV1	246766	05ELKGAZ	1	138	205	AEP	446	446	Base Case	0	-141.1	-	31.63	0	-0.34%	-0.34%	-0.33%	
716	238849 02JRDQ14 138 239324 02CH 138 1	238849	02JRDQ14	239324	02CH	1	138	202	ATSI	265	316	Base Case	0	-83.7	-	31.59	0	-0.13%	-0.13%	0.04%	
717	238543 02ASH_2 138 239097 02SBRNQ3 138 1	238543	02ASH_2	239097	02SBRNQ3	1	138	202	ATSI	148	151	Base Case	0	46.7	-	31.54	0	0.10%	0.10%	-0.02%	
718	243228 05MERIDN 345 243234 05TWIN B 345 1	243228	05MERIDN	243234	05TWIN B	1	345	205	AEP	897	897	Base Case	0	-282.8	-	31.53	0	-0.50%	-0.50%	-0.42%	
719	242537 05AMOS 138 246382 05TURNER_BP 138 1	242537	05AMOS	246382	05TURNER_BP	1	138	205	AEP	296	398	Base Case	0	93.3	-	31.53	0	-0.01%	-0.01%	-0.19%	
720	240069 02LORDSTOWN 345 241936 AA1-123_POI 345 1	240069	02LORDSTOWN	241936	AA1-123_POI	1	345	202	ATSI	1413	1743	Base Case	0	-445.3	-	31.51	0	0.23%	0.23%	0.21%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
721	238654 02DAV-BE 345 239289 02HAYES 345 1	238654	02DAV-BE	239289	02HAYES	1	345	202	ATSI	1542	1878	Base Case	0	485.9	-	31.51	0	-1.79%	-1.79%	-0.27%	
722	235379 01NVIENA 138 243564 05RIVERV N. 138 1	235379	01NVIENA	243564	05RIVERV N.	1	138	201/205	AP/AEP	240	277	Base Case	0	75.6	-	31.5	0	0.12%	0.12%	0.07%	
723	238968 02MOORE 138 239083 02SAKRON 138 1	238968	02MOORE	239083	02SAKRON	1	138	202	ATSI	225	282	Base Case	0	70.8	-	31.47	0	-0.10%	-0.10%	0.10%	
724	245407 05TANNER CK2 138 246963 05WESLSS 138 1	245407	05TANNER CK2	246963	05WESLSS	1	138	205	AEP	213	255	Base Case	0	67	-	31.45	0	0.00%	0.00%	0.02%	
725	243047 05N PORT 138 243087 05S LUCA 138 1	243047	05N PORT	243087	05S LUCA	1	138	205	AEP	185	185	Base Case	0	-58.1	-	31.42	0	0.00%	0.00%	-0.07%	
726	243026 05KAMMER13 138 246108 05KAMMER24 138 ZL	243026	05KAMMER13	246108	05KAMMER24	ZL	138	205	AEP	747	747	Base Case	0	-234.5	-	31.39	0	-0.08%	-0.08%	-0.01%	
727	243026 05KAMMER13 138 246108 05KAMMER24 138 ZK	243026	05KAMMER13	246108	05KAMMER24	ZK	138	205	AEP	747	747	Base Case	0	-234.5	-	31.39	0	-0.08%	-0.08%	-0.01%	
728	243485 05CLINTO 138 243529 05KENNY 138 1	243485	05CLINTO	243529	05KENNY	1	138	205	AEP	217	310	Base Case	0	-68.1	-	31.38	0	-0.10%	-0.10%	-0.05%	
729	250003 08CRLISL 138 250121 08UNION 138 1	250003	08CRLISL	250121	08UNION	1	138	212	DEO&K	291	298	Base Case	0	-91.3	-	31.38	0	0.00%	0.00%	0.00%	
730	244658 05GRNTWN 138 249796 08MAPLE 138 1	244658	05GRNTWN	249796	08MAPLE	1	138	205/208	AEP/DEI	178	178	Base Case	0	55.8	-	31.34	0	0.01%	0.01%	-0.05%	
731	238893 02LF Q-2 138 239002 02NFLDQ2 138 1	238893	02LF Q-2	239002	02NFLDQ2	1	138	202	ATSI	176	229	Base Case	0	-55.1	-	31.32	0	-0.15%	-0.15%	0.04%	
732	239008 02NILES 138 239120 02SSPRNG 138 1	239008	02NILES	239120	02SSPRNG	1	138	202	ATSI	240	310	Base Case	0	75.1	-	31.28	0	-0.13%	-0.13%	-0.01%	
733	243484 05CITYCO 138 243584 05VINE 138 1	243484	05CITYCO	243584	05VINE	1	138	205	AEP	251	274	Base Case	0	-78.4	-	31.25	0	0.00%	0.00%	0.00%	
734	246889 05BIERSR 138 246890 05HOPETN 138 1	246889	05BIERSR	246890	05HOPETN	1	138	205	AEP	389	559	Base Case	0	121.5	-	31.23	0	-0.01%	-0.01%	0.00%	
735	243263 05COLUMBIA 138 243361 05RABER 138 1	243263	05COLUMBIA	243361	05RABER	1	138	205	AEP	136	167	Base Case	0	-42.5	-	31.22	0	0.07%	0.07%	0.06%	
736	242622 05DARRH2 138 242866 05MERRIT 138 1	242622	05DARRH2	242866	05MERRIT	1	138	205	AEP	167	167	Base Case	0	52.1	-	31.22	0	-0.07%	-0.07%	-0.05%	
737	239334 02L.CENTER 345 239112 02LRCRQ1 138 1	239334	02L.CENTER	239112	02LRCRQ1	1	345/138	202	ATSI	688	849	Base Case	0	214.7	-	31.21	0	0.00%	0.00%	-0.03%	
738	243282 05DREWER 138 243382 05TANNER CK1 138 1	243282	05DREWER	243382	05TANNER CK1	1	138	205	AEP	213	280	Base Case	0	-66.4	-	31.18	0	0.00%	0.00%	0.02%	
739	238532 02ALLNJB 138 240978 02AJ-MOD 138 ZL	238532	02ALLNJB	240978	02AJ-MOD	ZL	138	202	ATSI	160	192	Base Case	0	49.9	-	31.16	0	-0.07%	-0.07%	0.01%	
740	253012 09CENTER 138 253112 09TAP822 138 1	253012	09CENTER	253112	09TAP822	1	138	209	DAY	301	374	Base Case	0	-93.8	-	31.16	0	0.02%	0.02%	0.03%	
741	253078 09SUGRCK 138 253112 09TAP822 138 1	253078	09SUGRCK	253112	09TAP822	1	138	209	DAY	301	374	Base Case	0	93.8	-	31.16	0	0.02%	0.02%	0.03%	
742	250043 08HANDS2 138 250148 08EKPWEB 138 1	250043	08HANDS2	250148	08EKPWEB	1	138	212	DEO&K	301	301	Base Case	0	-93.5	-	31.08	0	0.03%	0.03%	0.08%	
743	242663 05HANCK1 138 242764 05RES 138 1	242663	05HANCK1	242764	05RES	1	138	205	AEP	219	231	Base Case	0	68	-	31.07	0	0.00%	0.00%	0.00%	
744	244930 05NEW CARLI1 138 247489 05BOSSERMAN 138 1	244930	05NEW CARLI1	247489	05BOSSERMAN	1	138	205	AEP	187	240	Base Case	0	58.1	-	31.05	0	0.12%	0.12%	0.08%	
745	243092 05SCANTO 138 243776 05S.TIMK 138 1	243092	05SCANTO	243776	05S.TIMK	1	138	205	AEP	287	337	Base Case	0	89	-	31.01	0	-0.07%	-0.07%	0.02%	
746	243211 05ALLEN 345 243242 05ALLEN 138 2	243211	05ALLEN	243242	05ALLEN	2	345/138	205	AEP	712	764	Base Case	0	220.7	-	31	0	-0.03%	-0.03%	-0.03%	
747	238631 02CNTRAL 138 238952 02MCD + 138 1	238631	02CNTRAL	238952	02MCD +	1	138	202	ATSI	200	242	Base Case	0	-62	-	30.98	0	0.04%	0.04%	0.00%	
748	243313 05HUNT J 138 249759 08HNTNGT 138 1	243313	05HUNT J	249759	08HNTNGT	1	138	205/208	AEP/DEI	178	178	Base Case	0	55.1	-	30.96	0	0.06%	0.06%	0.00%	
749	242939 05MARYSV 345 243458 05HYATT 345 1	242939	05MARYSV	243458	05HYATT	1	345	205	AEP	1166	1335	Base Case	0	360.8	-	30.94	0	-0.46%	-0.46%	-0.24%	
750	246888 05BIERSR 345 246889 05BIERSR 138 1	246888	05BIERSR	246889	05BIERSR	1	345/138	205	AEP	887	996	Base Case	0	274.4	-	30.93	0	0.00%	0.00%	0.07%	
751	243019 05HILLSB 138 246946 05WLDCAT 138 1	243019	05HILLSB	246946	05WLDCAT	1	138	205	AEP	185	185	Base Case	0	-57.2	-	30.91	0	-0.09%	-0.09%	-0.02%	
752	242523 05BAKER 345 247226 05FOOTHL 345 1	242523	05BAKER	247226	05FOOTHL	1	345	205	AEP	896	896	Base Case	0	-277	-	30.91	0	-0.17%	-0.17%	-0.17%	
753	243064 05NPROCT 138 247277 05WNDSRZ 138 1	243064	05NPROCT	247277	05WNDSRZ	1	138	205	AEP	167	167	Base Case	0	51.6	-	30.9	0	-0.02%	-0.02%	0.10%	
754	242645 05FREMO2 138 243671 05BEAVER CR1 138 1	242645	05FREMO2	243671	05BEAVER CR1	1	138	205	AEP	223	310	Base Case	0	68.9	-	30.89	0	0.03%	0.03%	0.18%	
755	243280 05DRAGN 138 243281 05DRAGNZ 138 1	243280	05DRAGN	243281	05DRAGNZ	1	138	205	AEP	164	180	Base Case	0	-50.5	-	30.82	0	0.00%	0.00%	0.00%	
756	243457 05HAYDEN 345 243458 05HYATT 345 1	243457	05HAYDEN	243458	05HYATT	1	345	205	AEP	1239	1429	Base Case	0	-381.6	-	30.8	0	0.37%	0.37%	-0.07%	
757	253014 09CLINTO 345 253027 09GREENE 345 1	253014	09CLINTO	253027	09GREENE	1	345	209	DAY	1255	1374	Base Case	0	386.4	-	30.79	0	-0.11%	-0.11%	0.19%	
758	243143 05WBELLA 138 246108 05KAMMER24 138 1	243143	05WBELLA	246108	05KAMMER24	1	138	205	AEP	296	398	Base Case	0	-91.1	-	30.77	0	-0.27%	-0.27%	0.07%	
759	238731 02FOX 345 238733 02FOXQ12 138 5	238731	02FOX	238733	02FOXQ12	5	345/138	202	ATSI	397	488	Base Case	0	122.1	-	30.77	0	0.19%	0.19%	0.02%	
760	243232 05SORENS 345 243377 05SORENS 138 2	243232	05SORENS	243377	05SORENS	2	345/138	205	AEP	713	765	Base Case	0	219.4	-	30.76	0	0.04%	0.04%	0.02%	
761	239093 02SAMMIS 138 240218 02GUILFORD 138 1	239093	02SAMMIS	240218	02GUILFORD	1	138	202	ATSI	217	274	Base Case	0	66.7	-	30.74	0	0.09%	0.09%	0.01%	
762	253069 09SHELBY 345 253068 09SHELBY 138 1	253069	09SHELBY	253068	09SHELBY	1	345/138	209	DAY	448	493	Base Case	0	137.2	-	30.62	0	0.00%	0.00%	-0.01%	
763	253069 09SHELBY 345 253068 09SHELBY 138 2	253069	09SHELBY	253068	09SHELBY	2	345/138	209	DAY	448	493	Base Case	0	137.2	-	30.62	0	0.00%	0.00%	-0.01%	
764	239092 02SAMMIS 345 241936 AA1-123_POI 345 1	239092	02SAMMIS	241936	AA1-123_POI	1	345	202	ATSI	1413	1743	Base Case	0	-432.2	-	30.58	0	-0.78%	-0.78%	-0.76%	
765	242524 05CLOVRD 345 242607 05CLOVRD 138 3	242524	05CLOVRD	242607	05CLOVRD	3	345/138	205	AEP	696	747	Base Case	0	212.7	-	30.55	0	0.21%	0.21%	-0.41%	
766	239134 02TANGY 138 239218 02SSCIOT 138 1	239134	02TANGY	239218	02SSCIOT	1	138	202	ATSI	278	339	Base Case	0	84.9	-	30.55	0	-0.02%	-0.02%	0.08%	
767	249989 08BKJ246 138 250158 088MIRDJ 138 1	249989	08BKJ246	250158	088MIRDJ	1	138	212	DEO&K	309	332	Base Case	0	94.3	-	30.53	0	0.04%	0.04%	0.04%	
768	247527 05COVERT 345 247803 05SEGRETO 345 1	247527	05COVERT	247803	05SEGRETO	1	345	205	AEP	1820	2457	Base Case	0	555.1	-	30.5	0	0.03%	0.03%	-0.26%	
769	241901 02LALLENDORF 345 242936 05FOSTOR 345 1	241901	02LALLENDORF	242936	05FOSTOR	1	345	202/205	ATSI/AEP	1409	1409	Base Case	0	428.9	-	30.44	0	-0.09%	-0.09%	-0.64%	
770	238644 02CW Q-3 138 238672 02DW Q-3 138 1	238644	02CW Q-3	238672	02DW Q-3	1	138	202	ATSI	273	332	Base Case	0	82.9	-	30.36	0	-0.19%	-0.19%	-0.02%	
771	243087 05S LUCA 138 243140 05WAKEFL 138 1	243087	05S LUCA	243140	05WAKEFL	1	138	205	AEP	219	223	Base Case	0	-66.5	-	30.36	0	0.00%	0.00%	-0.07%	
772	242989 05E LIMA 138 243083 05CAMPSS 138 1	242989	05E LIMA	243083	05CAMPSS	1	138	205	AEP	219	223	Base Case	0	66.5	-	30.35	0	0.06%	0.06%	0.10%	
773	243127 05TIDD 1-2 138 243780 05FGDCDL 138 ZL	243127	05TIDD 1-2	243780	05FGDCDL	ZL	138	205	AEP	180	227	Base Case	0	54.5	-	30.3	0	0.00%	0.00%	0.00%	
774	243278 05DESOTO 138 243373 05SELMAP 138 1	243278	05DESOTO	243373	05SELMAP	1	138	205	AEP	167	167	Base Case	0	50.6	-	30.29	0	-0.03%	-0.03%	-0.03%	
775	242514 05J.FERR 765 242684 05J.FERR 138 2	242514	05J.FERR	242684	05J.FERR	2	765/138	205	AEP	696	696	Base Case	0	210.8	-	30.28	0	0.02%	0.02%	0.19%	
776	250139 08ROCKIE 138 250162 08GARVER 138 1	250139	08ROCKIE	250162	08GARVER	1	138	212	DEO&K	516	582	Base Case	0	-156.1	-	30.25	0	-0.06%	-0.06%	-0.06%	
777	250024 08FINTWN 138 250117 08TRMNL1 138 1	250024	08FINTWN	250117	08TRMNL1	1	138	212	DEO&K	266	266	Base Case	0	-80.4	-	30.23	0	0.01%	0.01%	0.00%	
778	241927 02AVQ1 138 241928 02AVQ2 138 1	241927	02AVQ1	241928	02AVQ2	1	138	202	ATSI	999	999	Base Case	0	-301.7	-	30.2	0	-0.68%	-0.68%	-0.08%	
779	245797 05W.CANTON2 138 246471 05MILES AVE 138 1	245797	05W.CANTON2	246471	05MILES AVE	1	138	205	AEP	251	335	Base Case	0	-75.7	-	30.17	0	-0.08%	-0.08%	0.05%	
780	243675 05BELLF1 138 243676 05BELLF2 138 Z1	243675	05BELLF1	243676	05BELLF2	Z1	138	205	AEP	285	368	Base Case	0	-85.9	-	30.13	0	0.01%	0.01%	0.12%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
781	243211 05ALLEN 345 243242 05ALLEN 138 1	243211	05ALLEN	243242	05ALLEN	1	345/138	205	AEP	504	572	Base Case	0	151.7	-	30.11	0	-0.02%	-0.02%	-0.02%	
782	243500 05DUCKCR 138 247809 05LEVEE 138 1	243500	05DUCKCR	247809	05LEVEE	1	138	205	AEP	282	282	Base Case	0	-84.7	-	30.04	0	0.27%	0.27%	0.20%	
783	238957 02MFLDQ2 138 239046 02PN Q-2 138 1	238957	02MFLDQ2	239046	02PN Q-2	1	138	202	ATSI	103	115	Base Case	0	-30.9	-	30.01	0	0.12%	0.12%	-0.04%	
784	239133 02TANGY 345 239134 02TANGY 138 4	239133	02TANGY	239134	02TANGY	4	345/138	202	ATSI	383	473	Base Case	0	114.8	-	29.99	0	0.02%	0.02%	0.07%	
785	243262 05COLLEGE C 138 250106 08TODHJT 138 1	243262	05COLLEGE C	250106	08TODHJT	1	138	205/212	AEP/DEO&K	185	257	Base Case	0	55.5	-	29.98	0	-0.09%	-0.09%	-0.04%	
786	243522 05HARRISON 138 247233 05HARIS8 138 1	243522	05HARRISON	247233	05HARIS8	1	138	205	AEP	164	180	Base Case	0	49.2	-	29.97	0	0.00%	0.00%	0.00%	
787	238684 02EASTLK 345 238685 02EASTLK 138 62	238684	02EASTLK	238685	02EASTLK	62	345/138	202	ATSI	784	900	Base Case	0	235	-	29.97	0	0.11%	0.11%	-0.04%	
788	239133 02TANGY 345 239134 02TANGY 138 3	239133	02TANGY	239134	02TANGY	3	345/138	202	ATSI	383	474	Base Case	0	114.5	-	29.9	0	0.02%	0.02%	0.07%	
789	242997 05E.NEWCONCZ 138 243144 05WCAMBR 138 1	242997	05E.NEWCONCZ	243144	05WCAMBR	1	138	205	AEP	296	378	Base Case	0	88.2	-	29.81	0	-0.15%	-0.15%	0.10%	
790	238753 02GFQ-11 138 238921 02LTEQ11 138 1	238753	02GFQ-11	238921	02LTEQ11	1	138	202	ATSI	425	522	Base Case	0	126.7	-	29.81	0	0.01%	0.01%	0.02%	
791	243012 05G WASHGTON 138 243049 05NATRIUM12 138 1	243012	05G WASHGTON	243049	05NATRIUM12	1	138	205	AEP	187	205	Base Case	0	55.7	-	29.79	0	0.13%	0.13%	-0.11%	
792	238546 02ASQ-11 138 241927 02AVQ1 138 1	238546	02ASQ-11	241927	02AVQ1	1	138	202	ATSI	265	316	Base Case	0	-78.9	-	29.78	0	-0.19%	-0.19%	-0.02%	
793	242600 05CLAYPL 138 242766 05RICHLA 138 1	242600	05CLAYPL	242766	05RICHLA	1	138	205	AEP	296	366	Base Case	0	88.1	-	29.78	0	0.06%	0.06%	0.19%	
794	243479 05BROOKS 138 243566 05SAWMIL 138 1	243479	05BROOKS	243566	05SAWMIL	1	138	205	AEP	389	559	Base Case	0	-115.7	-	29.75	0	0.04%	0.04%	0.00%	
795	243456 05CORRID 345 246752 05VASSEL 345 2	243456	05CORRID	246752	05VASSEL	2	345	205	AEP	1370	1503	Base Case	0	-407.1	-	29.72	0	0.16%	0.16%	0.04%	
796	242712 05MARTN2 138 242816 05STOCKT 138 1	242712	05MARTN2	242816	05STOCKT	1	138	205	AEP	283	366	Base Case	0	-84.1	-	29.71	0	-0.03%	-0.03%	0.25%	
797	243212 05BENTON 345 247803 05SEGRETO 345 1	243212	05BENTON	247803	05SEGRETO	1	345	205	AEP	1409	1868	Base Case	0	-418.3	-	29.68	0	0.59%	0.59%	-0.02%	
798	242832 05TOLER 138 242855 05WYOMIN 138 1	242832	05TOLER	242855	05WYOMIN	1	138	205	AEP	329	361	Base Case	0	-97.4	-	29.6	0	0.13%	0.13%	0.31%	
799	246409 05CABIN C T8 138 246421 05CABNC8_XFL 138 Z1	246409	05CABIN C T8	246421	05CABNC8_XFL	Z1	138	205	AEP	113	136	Base Case	0	33.4	-	29.6	0	0.00%	0.00%	0.01%	
800	238646 02CW TP3 138 240365 02LRN Q3 138 1	238646	02CW TP3	240365	02LRN Q3	1	138	202	ATSI	273	332	Base Case	0	80.8	-	29.59	0	-0.26%	-0.26%	-0.03%	
801	242960 05BETHLM 138 242985 05CNTYLN 138 1	242960	05BETHLM	242985	05CNTYLN	1	138	205	AEP	329	361	Base Case	0	97.3	-	29.58	0	0.01%	0.01%	0.09%	
802	245539 05HOLLOWAY56 138 247849 05HOLLOW_XFL 138 1	245539	05HOLLOWAY56	247849	05HOLLOW_XFL	1	138	205	AEP	747	747	Base Case	0	-220.6	-	29.53	0	0.04%	0.04%	-0.06%	
803	242650 05GLENL1 138 242760 05PROGPK 138 1	242650	05GLENL1	242760	05PROGPK	1	138	205	AEP	285	337	Base Case	0	-84.1	-	29.51	0	-0.09%	-0.09%	0.00%	
804	243481 05CANAL 138 243539 05MARION 138 1	243481	05CANAL	243539	05MARION	1	138	205	AEP	124	167	Base Case	0	-36.6	-	29.51	0	0.02%	0.02%	0.06%	
805	238654 02DAV-BE 345 907200 AD1-103 TAP 345 1	238654	02DAV-BE	907200	AD1-103 TAP	1	345	202	ATSI	1435	1742	Base Case	0	422.7	-	29.46	0	-1.85%	-1.85%	-0.27%	
806	243283 05DUNLAP 138 243290 05ELCONZ 138 1	243283	05DUNLAP	243290	05ELCONZ	1	138	205	AEP	243	243	Base Case	0	-71.5	-	29.42	0	-0.02%	-0.02%	-0.01%	
807	238840 02JNPRQ1 138 239001 02NFLDQ1 138 1	238840	02JNPRQ1	239001	02NFLDQ1	1	138	202	ATSI	273	332	Base Case	0	80.2	-	29.38	0	-0.14%	-0.14%	0.05%	
808	253049 09MONUM1 138 253062 09OVERL1 138 1	253049	09MONUM1	253062	09OVERL1	1	138	209	DAY	301	374	Base Case	0	-88.4	-	29.37	0	0.05%	0.05%	0.05%	
809	243500 05DUCKCR 138 243543 05MILLCR 138 1	243500	05DUCKCR	243543	05MILLCR	1	138	205	AEP	240	282	Base Case	0	70.4	-	29.34	0	0.27%	0.27%	0.20%	
810	243311 05ARN HOGAN 138 247420 05CROSS ST Z 138 1	243311	05ARN HOGAN	247420	05CROSS ST Z	1	138	205	AEP	205	278	Base Case	0	-60.1	-	29.34	0	-0.01%	-0.01%	0.06%	
811	239083 02SAKRON 138 239198 02CONGRS 138 1	239083	02SAKRON	239198	02CONGRS	1	138	202	ATSI	200	242	Base Case	0	-58.7	-	29.33	0	0.12%	0.12%	0.01%	
812	243224 05KENZIE 345 243234 05TWIN B 345 1	243224	05KENZIE	243234	05TWIN B	1	345	205	AEP	1409	1409	Base Case	0	413.3	-	29.33	0	-0.15%	-0.15%	-0.27%	
813	238608 02CARLIL 138 239314 02NATBRNZ 138 1	238608	02CARLIL	239314	02NATBRNZ	1	138	202	ATSI	233	282	Base Case	0	68.3	-	29.32	0	-0.22%	-0.22%	0.00%	
814	239025 02NY Q11 138 240352 02PM2Q11 138 1	239025	02NY Q11	240352	02PM2Q11	1	138	202	ATSI	273	332	Base Case	0	-80	-	29.32	0	0.08%	0.08%	-0.02%	
815	249985 08BECKET 138 250082 08P.UN1 138 1	249985	08BECKET	250082	08P.UN1	1	138	212	DEO&K	302	302	Base Case	0	88.5	-	29.32	0	-0.02%	-0.02%	-0.06%	
816	253017 09CROWN 138 253057 09OHH 138 1	253017	09CROWN	253057	09OHH	1	138	209	DAY	191	234	Base Case	0	-56	-	29.31	0	0.01%	0.01%	0.05%	
817	238941 02MANSFD 345 253936 15CRESCN 345 1	238941	02MANSFD	253936	15CRESCN	1	345	202/215	ATSI/DLCO	1244	1411	Base Case	0	364.5	-	29.3	0	-0.21%	-0.21%	-0.23%	
818	238861 02KIRBY 138 239218 02SSCIOT 138 1	238861	02KIRBY	239218	02SSCIOT	1	138	202	ATSI	278	339	Base Case	0	-81.4	-	29.3	0	-0.02%	-0.02%	0.08%	
819	238569 02BEAVER 345 907200 AD1-103 TAP 345 1	238569	02BEAVER	907200	AD1-103 TAP	1	345	202	ATSI	1435	1742	Base Case	0	-420.4	-	29.3	0	-1.85%	-1.85%	-0.27%	
820	242962 05BLDBGZ 138 243070 05OHIOCT 138 1	242962	05BLDBGZ	243070	05OHIOCT	1	138	205	AEP	205	255	Base Case	0	-60	-	29.26	0	0.02%	0.02%	0.09%	
821	243233 05TANNER 345 245409 05TAN CK_5SZ 138 5	243233	05TANNER	245409	05TAN CK_5SZ	5	345/138	205	AEP	570	579	Base Case	0	166.7	-	29.24	0	0.05%	0.05%	0.07%	
822	243382 05TANNER CK1 138 245409 05TAN CK_5SZ 138 ZK	243382	05TANNER CK1	245409	05TAN CK_5SZ	ZK	138	205	AEP	285	368	Base Case	0	-83.3	-	29.23	0	0.03%	0.03%	0.04%	
823	245407 05TANNER CK2 138 245409 05TAN CK_5SZ 138 ZJ	245407	05TANNER CK2	245409	05TAN CK_5SZ	ZJ	138	205	AEP	285	368	Base Case	0	-83.3	-	29.23	0	0.03%	0.03%	0.04%	
824	243472 05BEXLEY 138 243518 05GROVES 138 1	243472	05BEXLEY	243518	05GROVES	1	138	205	AEP	335	392	Base Case	0	-97.8	-	29.19	0	0.03%	0.03%	0.03%	
825	238731 02FOX 345 238734 02FOXQ13 138 3	238731	02FOX	238734	02FOXQ13	3	345/138	202	ATSI	423	478	Base Case	0	123.4	-	29.17	0	0.19%	0.19%	0.02%	
826	242508 05AMOS 765 247504 05AMOS_5_XFL 345 5	242508	05AMOS	247504	05AMOS_5_XFL	5	765/345	205	AEP	1587	1752	Base Case	0	462.7	-	29.16	0	-0.24%	-0.24%	-0.17%	
827	239122 02STAR 345 239123 02STAR 138 2	239122	02STAR	239123	02STAR	2	345/138	202	ATSI	559	660	Base Case	0	162.9	-	29.14	0	0.00%	0.00%	-0.02%	
828	243080 05RILEYC 138 243083 05CAMPSS 138 1	243080	05RILEYC	243083	05CAMPSS	1	138	205	AEP	223	223	Base Case	0	-64.9	-	29.11	0	0.06%	0.06%	0.10%	
829	239368 02TORONTO 345 239369 02TORONTO 138 2	239368	02TORONTO	239369	02TORONTO	2	345/138	202	ATSI	618	731	Base Case	0	179.8	-	29.09	0	0.16%	0.16%	0.08%	
830	238738 02FULTON 138 239128 02SWANTN 138 1	238738	02FULTON	239128	02SWANTN	1	138	202	ATSI	288	346	Base Case	0	83.7	-	29.06	0	-0.04%	-0.04%	0.01%	
831	242551 05BELVA 138 242580 05CARBND 138 1	242551	05BELVA	242580	05CARBND	1	138	205	AEP	282	361	Base Case	0	-81.9	-	29.06	0	-0.31%	-0.31%	0.05%	
832	242542 05ATKINS 138 242780 05RURALR 138 1	242542	05ATKINS	242780	05RURALR	1	138	205	AEP	251	330	Base Case	0	72.9	-	29.05	0	-0.19%	-0.19%	-0.33%	
833	239042 02PIDGON 138 240218 02GUILFORD 138 1	239042	02PIDGON	240218	02GUILFORD	1	138	202	ATSI	217	274	Base Case	0	-63	-	29.04	0	0.09%	0.09%	0.01%	
834	250029 08FOSTER 138 250150 08ENYART 138 1	250029	08FOSTER	250150	08ENYART	1	138	212	DEO&K	298	298	Base Case	0	86.5	-	29.04	0	-0.01%	-0.01%	-0.03%	
835	238916 02LRN Q4 138 239314 02NATBRNZ 138 1	238916	02LRN Q4	239314	02NATBRNZ	1	138	202	ATSI	225	295	Base Case	0	-65.3	-	29.04	0	-0.22%	-0.22%	0.00%	
836	242674 05HUFFCK 138 242832 05TOLER 138 1	242674	05HUFFCK	242832	05TOLER	1	138	205	AEP	329	361	Base Case	0	-95.5	-	29.03	0	0.13%	0.13%	0.31%	
837	242508 05AMOS 765 242513 05CULLOD 765 1	242508	05AMOS	242513	05CULLOD	1	765	205	AEP	2312	2312	Base Case	0	671.1	-	29.03	0	-1.05%	-1.05%	-5.34%	
838	238842 02JNPRQ3 138 239003 02NFLDQ3 138 1	238842	02JNPRQ3	239003	02NFLDQ3	1	138	202	ATSI	273	332	Base Case	0	79.1	-	28.98	0	-0.14%	-0.14%	0.04%	
839	249570 08P.UNON 345 249577 08ZIMER 345 1	249570	08P.UNON	249577	08ZIMER	1	345	212	DEO&K	1492	1492	Base Case	0	-432.1	-	28.96	0	-0.13%	-0.13%	-0.01%	
840	243508 05ITALNV 138 243584 05VINE 138 1	243508	05ITALNV	243584	05VINE	1	138	205	AEP	261	376	Base Case	0	75.6	-	28.95	0	0.09%	0.09%	0.03%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
841	238843 02JNPRQ4 138 239004 02NFLDQ4 138 1	238843	02JNPRQ4	239004	02NFLDQ4	1	138	202	ATSI	273	332	Base Case	0	79	-	28.92	0	-0.14%	-0.14%	0.05%	
842	243271 05CRYSTA 138 243308 05HICKRY CK1 138 1	243271	05CRYSTA	243308	05HICKRY CK1	1	138	205	AEP	187	240	Base Case	0	54	-	28.9	0	0.05%	0.05%	0.00%	
843	244930 05NEW CARLI1 138 255152 17MAPLE 138 1	244930	05NEW CARLI1	255152	17MAPLE	1	138	205/217	AEP/NIPS	136	138	Base Case	0	39.3	-	28.89	0	0.07%	0.07%	0.03%	
844	246187 05WARTON H2 138 247468 05CRICKET SS 138 1	246187	05WARTON H2	247468	05CRICKET SS	1	138	205	AEP	257	341	Base Case	0	-74.2	-	28.88	0	0.00%	0.00%	0.00%	
845	239368 02TORONTO 345 239369 02TORONTO 138 1	239368	02TORONTO	239369	02TORONTO	1	345/138	202	ATSI	618	730	Base Case	0	178.5	-	28.88	0	0.16%	0.16%	0.08%	
846	249986 08BELVUE 138 250140 08DAYTON 138 1	249986	08BELVUE	250140	08DAYTON	1	138	212	DEO&K	298	298	Base Case	0	-86	-	28.86	0	-0.01%	-0.01%	0.00%	
847	243215 05COOK 345 243223 05JACKSON RD 345 1	243215	05COOK	243223	05JACKSON RD	1	345	205	AEP	971	971	Base Case	0	279.9	-	28.83	0	-0.04%	-0.04%	-0.09%	
848	239070 02RICHLD 138 239165 02WAUSEO 138 1	239070	02RICHLD	239165	02WAUSEO	1	138	202	ATSI	158	190	Base Case	0	45.5	-	28.79	0	-0.14%	-0.14%	-0.01%	
849	239334 02L.CENTER 345 239057 02LRCRQ4 138 2	239334	02L.CENTER	239057	02LRCRQ4	2	345/138	202	ATSI	747	849	Base Case	0	214.7	-	28.74	0	0.00%	0.00%	-0.03%	
850	250122 08WARRN1 138 250138 08NICKEL 138 1	250122	08WARRN1	250138	08NICKEL	1	138	212	DEO&K	301	301	Base Case	0	-86.5	-	28.73	0	-0.10%	-0.10%	-0.10%	
851	246325 05NOTTINGH56 138 247131 05HOLLOWAY12 138 3	246325	05NOTTINGH56	247131	05HOLLOWAY12	3	138	205	AEP	200	242	Base Case	0	-57.4	-	28.72	0	-0.03%	-0.03%	0.05%	
852	246325 05NOTTINGH56 138 247131 05HOLLOWAY12 138 4	246325	05NOTTINGH56	247131	05HOLLOWAY12	4	138	205	AEP	200	242	Base Case	0	-57.4	-	28.71	0	-0.03%	-0.03%	0.05%	
853	242537 05AMOS 138 242616 05CURRY 138 1	242537	05AMOS	242616	05CURRY	1	138	205	AEP	167	167	Base Case	0	47.9	-	28.69	0	0.06%	0.06%	0.05%	
854	242516 05MOUNTN 765 247183 05MOUNTN 345 2	242516	05MOUNTN	247183	05MOUNTN	2	765/345	205	AEP	2742	3097	Base Case	0	786.1	-	28.67	0	1.00%	1.00%	1.08%	
855	243528 05KARL ROAD 138 243547 05MORSE 138 2	243528	05KARL ROAD	243547	05MORSE	2	138	205	AEP	240	277	Base Case	0	-68.8	-	28.67	0	0.07%	0.07%	0.02%	
856	243507 05FIFTH 138 243588 05WILSON 138 1	243507	05FIFTH	243588	05WILSON	1	138	205	AEP	219	223	Base Case	0	-62.8	-	28.66	0	-0.07%	-0.07%	-0.01%	
857	253046 09MIAMI 138 253074 09STATAP 138 1	253046	09MIAMI	253074	09STATAP	1	138	209	DAY	306	380	Base Case	0	87.7	-	28.64	0	-0.01%	-0.01%	0.02%	
858	238969 02MRGP + 138 238970 02MRST + 138 1	238969	02MRGP +	238970	02MRST +	1	138	202	ATSI	200	242	Base Case	0	57.3	-	28.63	0	0.00%	0.00%	0.00%	
859	242542 05ATKINS 138 242803 05SMYTH 138 1	242542	05ATKINS	242803	05SMYTH	1	138	205	AEP	292	330	Base Case	0	-83.6	-	28.63	0	-0.19%	-0.19%	-0.33%	
860	238890 02LEMOYN 138 238936 02MACLEA 138 1	238890	02LEMOYN	238936	02MACLEA	1	138	202	ATSI	329	413	Base Case	0	94.1	-	28.61	0	0.04%	0.04%	0.03%	
861	242727 05MULLEN 138 247113 05PIERSS 138 1	242727	05MULLEN	247113	05PIERSS	1	138	205	AEP	205	255	Base Case	0	58.6	-	28.6	0	-0.07%	-0.07%	-0.01%	
862	243669 05B SAND 138 243694 05INEZ 138 1	243669	05B SAND	243694	05INEZ	1	138	205	AEP	670	741	Base Case	0	191.5	-	28.59	0	-0.08%	-0.08%	-0.36%	
863	242514 05J.FERR 765 242684 05J.FERR 138 3	242514	05J.FERR	242684	05J.FERR	3	765/138	205	AEP	696	696	Base Case	0	198.8	-	28.56	0	0.02%	0.02%	0.18%	
864	238836 02JGSQ13 138 238923 02LTEQ13 138 1	238836	02JGSQ13	238923	02LTEQ13	1	138	202	ATSI	425	522	Base Case	0	-121.2	-	28.51	0	0.01%	0.01%	0.01%	
865	253007 09BELLBR 138 253107 09ALPHA 138 1	253007	09BELLBR	253107	09ALPHA	1	138	209	DAY	301	374	Base Case	0	85.7	-	28.48	0	-0.07%	-0.07%	0.00%	
866	242989 05E LIMA 138 247513 05BOUTWELL 138 1	242989	05E LIMA	247513	05BOUTWELL	1	138	205	AEP	150	212	Base Case	0	42.7	-	28.45	0	-0.08%	-0.08%	0.06%	
867	243046 05N CROW 138 247277 05WNDSRZ 138 1	243046	05N CROW	247277	05WNDSRZ	1	138	205	AEP	167	245	Base Case	0	-47.5	-	28.44	0	-0.02%	-0.02%	0.10%	
868	250004 08CRNEL1 138 250157 08CORNTP 138 1	250004	08CRNEL1	250157	08CORNTP	1	138	212	DEO&K	266	266	Base Case	0	-75.6	-	28.41	0	0.00%	0.00%	0.00%	
869	243578 05STRODZ 138 244198 05LEMASTER 138 1	243578	05STRODZ	244198	05LEMASTER	1	138	205	AEP	223	223	Base Case	0	-63.4	-	28.41	0	-0.13%	-0.13%	0.14%	
870	243497 05DELANO 138 246890 05HOPETN 138 1	243497	05DELANO	246890	05HOPETN	1	138	205	AEP	383	448	Base Case	0	-108.8	-	28.4	0	-0.01%	-0.01%	0.00%	
871	242652 05GOMING 138 242688 05JOSHUA 138 1	242652	05GOMING	242688	05JOSHUA	1	138	205	AEP	388	484	Base Case	0	-110.2	-	28.39	0	-0.06%	-0.06%	-0.50%	
872	243333 05MADISON1 138 245946 05MADISON2 138 Z1	243333	05MADISON1	245946	05MADISON2	Z1	138	205	AEP	187	240	Base Case	0	-53.1	-	28.39	0	0.03%	0.03%	0.02%	
873	243540 05MCCOMB 138 243854 05REAVER 138 1	243540	05MCCOMB	243854	05REAVER	1	138	205	AEP	223	267	Base Case	0	63.3	-	28.38	0	-0.08%	-0.08%	-0.02%	
874	242946 05TIDD 345 242914 05TIDD_C_XFL 138 C	242946	05TIDD	242914	05TIDD_C_XFL	C	345/138	205	AEP	503	547	Base Case	0	142.7	-	28.37	0	0.03%	0.03%	-0.01%	
875	238731 02FOX 345 238732 02FOXQ11 138 2	238731	02FOX	238732	02FOXQ11	2	345/138	202	ATSI	419	473	Base Case	0	118.9	-	28.37	0	0.21%	0.21%	0.03%	
876	243499 05DUBLIN 138 247873 05BRITTON 138 1	243499	05DUBLIN	247873	05BRITTON	1	138	205	AEP	269	345	Base Case	0	76.3	-	28.35	0	0.02%	0.02%	-0.01%	
877	238746 02GALION 138 239028 02ONTARO 138 1	238746	02GALION	239028	02ONTARO	1	138	202	ATSI	317	365	Base Case	0	89.8	-	28.34	0	-0.26%	-0.26%	0.03%	
878	242819 05SULVN 138 304740 4WALTERS138 138 1	242819	05SULVN	304740	4WALTERS138	1	138	205/341	AEP/CPLW	100	100	Base Case	0	-28.3	-	28.33	0	0.03%	0.03%	0.27%	
879	243472 05BEXLEY 138 243575 05ST.CLR 138 1	243472	05BEXLEY	243575	05ST.CLR	1	138	205	AEP	187	240	Base Case	0	52.9	-	28.31	0	0.08%	0.08%	0.02%	
880	250020 08ESTWD1 138 250031 08FRDBT2 138 1	250020	08ESTWD1	250031	08FRDBT2	1	138	212	DEO&K	298	298	Base Case	0	84.1	-	28.24	0	0.03%	0.03%	0.03%	
881	238874 02LAKVEW 138 239030 02OTTAWA 138 1	238874	02LAKVEW	239030	02OTTAWA	1	138	202	ATSI	448	516	Base Case	0	-126.4	-	28.22	0	-0.44%	-0.44%	-0.07%	
882	245769 05ADKINS 345 253100 09ATLNTA 345 1	245769	05ADKINS	253100	09ATLNTA	1	345	205/209	AEP/DAY	1195	1195	Base Case	0	-337	-	28.21	0	-0.64%	-0.64%	0.00%	
883	242622 05DARRH2 138 242999 05EPROCT 138 1	242622	05DARRH2	242999	05EPROCT	1	138	205	AEP	292	296	Base Case	0	-82.3	-	28.19	0	-0.02%	-0.02%	-0.06%	
884	238642 02CRSLND 138 239107 02SHNAGO 138 1	238642	02CRSLND	239107	02SHNAGO	1	138	202	ATSI	265	287	Base Case	0	-74.6	-	28.14	0	0.03%	0.03%	-0.02%	
885	243287 05E.ELKHART 138 243346 05MOTTV 138 1	243287	05E.ELKHART	243346	05MOTTV	1	138	205	AEP	185	185	Base Case	0	52.1	-	28.14	0	0.02%	0.02%	0.02%	
886	250075 08MTGRY1 138 250150 08ENYART 138 1	250075	08MTGRY1	250150	08ENYART	1	138	212	DEO&K	298	298	Base Case	0	-83.8	-	28.13	0	-0.01%	-0.01%	-0.03%	
887	238648 02CY Q-2 138 238918 02SLTRQ2 138 1	238648	02CY Q-2	238918	02SLTRQ2	1	138	202	ATSI	273	332	Base Case	0	-76.8	-	28.12	0	-0.28%	-0.28%	-0.03%	
888	243242 05ALLEN 138 243383 05TILLMA 138 1	243242	05ALLEN	243383	05TILLMA	1	138	205	AEP	293	341	Base Case	0	82.3	-	28.08	0	-0.15%	-0.15%	-0.04%	
889	244489 05FOGWELL 138 244967 05ELLISON_BP 138 1	244489	05FOGWELL	244967	05ELLISON_BP	1	138	205	AEP	205	284	Base Case	0	57.5	-	28.06	0	-0.02%	-0.02%	0.01%	
890	243233 05TANNER 345 248001 06DEARB1 345 Z1	243233	05TANNER	248001	06DEARB1	Z1	345	205/206	AEP/OVEC	1097	1204	Base Case	0	-307.6	-	28.04	0	0.76%	0.76%	1.08%	
891	243281 05DRAGNZ 138 243317 05IRELAN 138 1	243281	05DRAGNZ	243317	05IRELAN	1	138	205	AEP	219	251	Base Case	0	-61.4	-	28.03	0	-0.05%	-0.05%	-0.03%	
892	238796 02HGHLND 345 238797 02HGHLND 138 2	238796	02HGHLND	238797	02HGHLND	2	345/138	202	ATSI	596	690	Base Case	0	166.9	-	28	0	-0.02%	-0.02%	-0.04%	
893	249984 08ASHLD8 138 250146 08WHITTR 138 1	249984	08ASHLD8	250146	08WHITTR	1	138	212	DEO&K	268	268	Base Case	0	75	-	28	0	0.00%	0.00%	-0.03%	
894	238914 02LRCRQ3 138 240353 02PM2Q12 138 1	238914	02LRCRQ3	240353	02PM2Q12	1	138	202	ATSI	273	332	Base Case	0	76.4	-	28	0	0.08%	0.08%	-0.02%	
895	243276 05DELCOR 138 243292 05FALL C 138 1	243276	05DELCOR	243292	05FALL C	1	138	205	AEP	223	223	Base Case	0	-62.4	-	27.97	0	-0.01%	-0.01%	0.04%	
896	243681 05CHADWICK1 138 243696 05KYELEC 138 1	243681	05CHADWICK1	243696	05KYELEC	1	138	205	AEP	219	251	Base Case	0	61.3	-	27.97	0	0.02%	0.02%	0.03%	
897	239026 02NY Q12 138 240353 02PM2Q12 138 1	239026	02NY Q12	240353	02PM2Q12	1	138	202	ATSI	273	332	Base Case	0	-76.2	-	27.91	0	0.08%	0.08%	-0.02%	
898	244936 05MCKINLEY2 138 244967 05ELLISON_BP 138 1	244936	05MCKINLEY2	244967	05ELLISON_BP	1	138	205	AEP	205	284	Base Case	0	-57.2	-	27.9	0	-0.02%	-0.02%	0.01%	
899	238684 02EASTLK 345 239036 02PERRY 345 1	238684	02EASTLK	239036	02PERRY	1	345	202	ATSI	1396	1667	Base Case	0	-389.4	-	27.9	0	0.89%	0.89%	-0.38%	
900	238535 02APQ-2 138 238811 02HO Q-2 138 1	238535	02APQ-2	238811	02HO Q-2	1	138	202	ATSI	205	265	Base Case	0	57.2	-	27.89	0	0.01%	0.01%	0.02%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
901	243262 05COLLEGE C 138 246963 05WESLSS 138 1	243262	05COLLEGE C	246963	05WESLSS	1	138	205	AEP	223	283	Base Case	0	-62.2	-	27.87	0	0.00%	0.00%	0.02%	
902	242962 05BLDBGZ 138 247278 05MILL1Z 138 1	242962	05BLDBGZ	247278	05MILL1Z	1	138	205	AEP	205	205	Base Case	0	57.1	-	27.87	0	0.02%	0.02%	0.09%	
903	243262 05COLLEGE C 138 243282 05DREWER 138 1	243262	05COLLEGE C	243282	05DREWER	1	138	205	AEP	223	310	Base Case	0	-62.1	-	27.87	0	0.00%	0.00%	0.02%	
904	238663 02DLQ-15 138 238982 02NASQ15 138 1	238663	02DLQ-15	238982	02NASQ15	1	138	202	ATSI	137	174	Base Case	0	38.2	-	27.86	0	0.02%	0.02%	0.00%	
905	243276 05DELCOR 138 245946 05MADISON2 138 1	243276	05DELCOR	245946	05MADISON2	1	138	205	AEP	223	223	Base Case	0	62	-	27.78	0	-0.01%	-0.01%	0.04%	
906	250007 08CRSNT1 138 250124 08WENDEA 138 1	250007	08CRSNT1	250124	08WENDEA	1	138	212	DEO&K	268	268	Base Case	0	74.4	-	27.78	0	0.00%	0.00%	0.06%	
907	242989 05E LIMA 138 243067 05NWOODC 138 1	242989	05E LIMA	243067	05NWOODC	1	138	205	AEP	167	240	Base Case	0	46.4	-	27.78	0	-0.08%	-0.08%	0.07%	
908	243372 05SATURN 138 243377 05SORENS 138 1	243372	05SATURN	243377	05SORENS	1	138	205	AEP	185	185	Base Case	0	-51.3	-	27.75	0	0.07%	0.07%	0.06%	
909	242769 05RIDGWY 138 306711 4DAN RIV 138 1	242769	05RIDGWY	306711	4DAN RIV	1	138	205/342	AEP/DUK	149	149	Base Case	0	-41.3	-	27.74	0	0.00%	0.00%	0.32%	
910	238921 02LTEQ11 138 239226 02STYDCOQ11 138 1	238921	02LTEQ11	239226	02STYDCOQ11	1	138	202	ATSI	425	522	Base Case	0	117.6	-	27.68	0	0.01%	0.01%	0.02%	
911	238613 02CF Q-4 138 238919 02SLTRQ4 138 1	238613	02CF Q-4	238919	02SLTRQ4	1	138	202	ATSI	273	332	Base Case	0	-75.4	-	27.62	0	-0.25%	-0.25%	-0.03%	
912	247489 05BOSSERMAN 138 255153 17MICH_CITY 138 1	247489	05BOSSERMAN	255153	17MICH_CITY	1	138	205/217	AEP/NIPS	156	156	Base Case	0	43.1	-	27.61	0	0.17%	0.17%	0.11%	
913	253089 09WMILTN 138 253139 09ELDEAN 138 1	253089	09WMILTN	253139	09ELDEAN	1	138	209	DAY	307	382	Base Case	0	84.8	-	27.61	0	-0.04%	-0.04%	0.00%	
914	242737 05OPOSSUMCK 138 242746 05PEAKVI 138 1	242737	05OPOSSUMCK	242746	05PEAKVI	1	138	205	AEP	164	180	Base Case	0	45.3	-	27.61	0	-0.01%	-0.01%	-0.07%	
915	239141 02TRACO 138 239281 02CRNBRY 138 1	239141	02TRACO	239281	02CRNBRY	1	138	202	ATSI	278	339	Base Case	0	-76.7	-	27.6	0	0.03%	0.03%	0.00%	
916	243545 05MILTON SS 138 244540 05RHODES 138 1	243545	05MILTON SS	244540	05RHODES	1	138	205	AEP	323	451	Base Case	0	-89.1	-	27.59	0	-0.06%	-0.06%	0.07%	
917	243506 05ELLIOT 138 243619 05ROSEWOODSS 138 1	243506	05ELLIOT	243619	05ROSEWOODSS	1	138	205	AEP	184	184	Base Case	0	-50.6	-	27.52	0	-0.01%	-0.01%	0.01%	
918	242684 05J.FERR 138 242760 05PROGPK 138 1	242684	05J.FERR	242760	05PROGPK	1	138	205	AEP	383	449	Base Case	0	105.2	-	27.48	0	0.06%	0.06%	0.25%	
919	242524 05CLOVRD 345 242607 05CLOVRD 138 1A	242524	05CLOVRD	242607	05CLOVRD	1A	345/138	205	AEP	500	564	Base Case	0	137.3	-	27.47	0	0.13%	0.13%	-0.27%	
920	238581 02BRBRTN 138 238629 02CLVRDL 138 1	238581	02BRBRTN	238629	02CLVRDL	1	138	202	ATSI	233	282	Base Case	0	-64	-	27.45	0	-0.02%	-0.02%	0.09%	
921	242605 05CLNCHR 138 242665 05HANSON 138 1	242605	05CLNCHR	242665	05HANSON	1	138	205	AEP	219	255	Base Case	0	60.1	-	27.45	0	-0.10%	-0.10%	-0.10%	
922	238694 02ELW.QS 138 238695 02ELW+ 138 1	238694	02ELW.QS	238695	02ELW+	1	138	202	ATSI	160	192	Base Case	0	-43.9	-	27.42	0	0.00%	0.00%	0.00%	
923	242946 05TIDD 345 243604 05TIDD_B_XFL 138 B	242946	05TIDD	243604	05TIDD_B_XFL	B	345/138	205	AEP	521	556	Base Case	0	142.8	-	27.41	0	0.03%	0.03%	-0.01%	
924	235626 01JONESB 138 242551 05BELVA 138 1	235626	01JONESB	242551	05BELVA	1	138	201/205	AP/AEP	282	367	Base Case	0	-77.3	-	27.4	0	-0.31%	-0.31%	0.04%	
925	243122 05SW LIM 138 243152 05WMOULT 138 1	243122	05SW LIM	243152	05WMOULT	1	138	205	AEP	223	223	Base Case	0	61.1	-	27.4	0	0.04%	0.04%	-0.02%	
926	238541 02AS Q-1 138 238647 02CY Q-1 138 1	238541	02AS Q-1	238647	02CY Q-1	1	138	202	ATSI	265	316	Base Case	0	72.6	-	27.39	0	-0.26%	-0.26%	-0.03%	
927	239123 02STAR 138 239142 02TUSC 138 1	239123	02STAR	239142	02TUSC	1	138	202	ATSI	233	282	Base Case	0	63.8	-	27.38	0	-0.06%	-0.06%	-0.05%	
928	242737 05OPOSSUMCK 138 242785 05S.LYNC 138 1	242737	05OPOSSUMCK	242785	05S.LYNC	1	138	205	AEP	335	392	Base Case	0	91.7	-	27.37	0	-0.04%	-0.04%	-0.38%	
929	242708 05M FUNK 138 242796 05SHAWSV 138 1	242708	05M FUNK	242796	05SHAWSV	1	138	205	AEP	167	240	Base Case	0	45.6	-	27.33	0	0.10%	0.10%	0.09%	
930	238796 02HGHLND 345 238797 02HGHLND 138 1	238796	02HGHLND	238797	02HGHLND	1	345/138	202	ATSI	614	701	Base Case	0	167.8	-	27.32	0	-0.02%	-0.02%	-0.03%	
931	238647 02CY Q-1 138 238739 02FWLSQ1 138 1	238647	02CY Q-1	238739	02FWLSQ1	1	138	202	ATSI	265	332	Base Case	0	72.3	-	27.29	0	-0.26%	-0.26%	-0.03%	
932	243676 05BELLF2 138 246887 05RAMEY 138 1	243676	05BELLF2	246887	05RAMEY	1	138	205	AEP	409	527	Base Case	0	-111.6	-	27.29	0	0.01%	0.01%	0.09%	
933	245533 05HOLLOWAY34 138 246327 05NOTTINGH78 138 1	245533	05HOLLOWAY34	246327	05NOTTINGH78	1	138	205	AEP	200	242	Base Case	0	54.5	-	27.27	0	-0.03%	-0.03%	0.05%	
934	245533 05HOLLOWAY34 138 246325 05NOTTINGH56 138 2	245533	05HOLLOWAY34	246325	05NOTTINGH56	2	138	205	AEP	200	242	Base Case	0	54.5	-	27.26	0	-0.03%	-0.03%	0.05%	
935	243257 05CALVERTZ 138 245857 05KANKAKEE1 138 1	243257	05CALVERTZ	245857	05KANKAKEE1	1	138	205	AEP	187	205	Base Case	0	50.9	-	27.24	0	0.06%	0.06%	0.03%	
936	238861 02KIRBY 138 938700 AE1-092 TAP 138 1	238861	02KIRBY	938700	AE1-092 TAP	1	138	202/209	ATSI/DAY	218	269	Base Case	0	59.4	-	27.24	0	0.08%	0.08%	0.00%	
937	239122 02STAR 345 239123 02STAR 138 3	239122	02STAR	239123	02STAR	3	345/138	202	ATSI	601	765	Base Case	0	163.4	-	27.19	0	0.00%	0.00%	-0.02%	
938	243685 05DORTON 138 244688 05BEAVER CR2 138 1	243685	05DORTON	244688	05BEAVER CR2	1	138	205	AEP	223	310	Base Case	0	60.6	-	27.18	0	0.02%	0.02%	0.16%	
939	243159 05WPHILO 138 246010 05PHILO2 138 1	243159	05WPHILO	246010	05PHILO2	1	138	205	AEP	136	167	Base Case	0	-36.9	-	27.17	0	0.13%	0.13%	0.02%	
940	238964 02MLCRK+ 138 937247 AD2-163_POI 138 1	238964	02MLCRK+	937247	AD2-163_POI	1	138	202	ATSI	152	179	Base Case	0	41.3	-	27.16	0	0.09%	0.09%	0.01%	
941	253101 09BLUJK 138 938700 AE1-092 TAP 138 1	253101	09BLUJK	938700	AE1-092 TAP	1	138	209	DAY	218	269	Base Case	0	-59.1	-	27.11	0	0.08%	0.08%	0.00%	
942	238617 02CHMBER 138 239137 02THEIS 138 1	238617	02CHMBER	239137	02THEIS	1	138	202	ATSI	200	242	Base Case	0	54.2	-	27.11	0	0.04%	0.04%	-0.03%	
943	243458 05HYATT 345 243526 05HYATT 138 7	243458	05HYATT	243526	05HYATT	7	345/138	205	AEP	576	583	Base Case	0	156.1	-	27.11	0	-0.04%	-0.04%	-0.05%	
944	243249 05BEECH 138 243385 05TWIN B 138 1	243249	05BEECH	243385	05TWIN B	1	138	205	AEP	205	284	Base Case	0	-55.5	-	27.1	0	-0.04%	-0.04%	-0.02%	
945	235406 01WEIRJT 138 243113 05STORON 138 1	235406	01WEIRJT	243113	05STORON	1	138	201/205	AP/AEP	136	167	Base Case	0	36.8	-	27.09	0	0.05%	0.05%	0.00%	
946	239134 02TANGY 138 239264 02DBP 138 1	239134	02TANGY	239264	02DBP	1	138	202	ATSI	272	339	Base Case	0	73.6	-	27.07	0	-0.03%	-0.03%	0.08%	
947	242720 05MONETA 138 242775 05ROCKCAS SS 138 1	242720	05MONETA	242775	05ROCKCAS SS	1	138	205	AEP	409	409	Base Case	0	-110.7	-	27.06	0	-0.06%	-0.06%	0.94%	
948	249566 08FOSTER 345 249582 08GARVER 345 1	249566	08FOSTER	249582	08GARVER	1	345	212	DEO&K	1509	1509	Base Case	0	-408.2	-	27.05	0	-0.82%	-0.82%	-0.63%	
949	242620 05DANVL2 138 242631 05EDAN 1 138 1	242620	05DANVL2	242631	05EDAN 1	1	138	205	AEP	275	402	Base Case	0	-74.4	-	27.04	0	0.46%	0.46%	4.58%	
950	253012 09CENTER 138 253034 09HEMPST 138 1	253012	09CENTER	253034	09HEMPST	1	138	209	DAY	191	234	Base Case	0	51.6	-	27.03	0	0.02%	0.02%	0.03%	
951	238913 02LRCRQ2 138 239046 02PN Q-2 138 1	238913	02LRCRQ2	239046	02PN Q-2	1	138	202	ATSI	115	115	Base Case	0	31.1	-	27.01	0	0.12%	0.12%	-0.04%	
952	243046 05N CROW 138 243126 05THIVENER1Z 138 1	243046	05N CROW	243126	05THIVENER1Z	1	138	205	AEP	167	245	Base Case	0	45.1	-	26.99	0	-0.02%	-0.02%	0.10%	
953	253040 09KNOLLW 138 253063 09OVERL2 138 1	253040	09KNOLLW	253063	09OVERL2	1	138	209	DAY	306	373	Base Case	0	82.6	-	26.99	0	0.07%	0.07%	0.07%	
954	243885 05THORSS 138 247558 05JARRETT 138 1	243885	05THORSS	247558	05JARRETT	1	138	205	AEP	257	330	Base Case	0	-69.3	-	26.98	0	-0.30%	-0.30%	0.05%	
955	253046 09MIAMI 138 253089 09WMILTN 138 1	253046	09MIAMI	253089	09WMILTN	1	138	209	DAY	301	330	Base Case	0	-81.2	-	26.97	0	-0.06%	-0.06%	-0.05%	
956	242533 05ABINGD 138 242605 05CLNCHR 138 1	242533	05ABINGD	242605	05CLNCHR	1	138	205	AEP	201	201	Base Case	0	-54.1	-	26.93	0	-0.03%	-0.03%	-0.15%	
957	253005 09BATH 138 253083 09TREBEI 138 1	253005	09BATH	253083	09TREBEI	1	138	209	DAY	301	375	Base Case	0	81	-	26.92	0	0.03%	0.03%	0.01%	
958	250065 08MILIKN 138 250083 08P.UN2 138 1	250065	08MILIKN	250083	08P.UN2	1	138	212	DEO&K	299	299	Base Case	0	80.5	-	26.91	0	-0.03%	-0.03%	-0.05%	
959	242773 05ROANO1 138 242774 05ROANO2 138 Z1	242773	05ROANO1	242774	05ROANO2	Z1	138	205	AEP	240	309	Base Case	0	64.6	-	26.9	0	0.03%	0.03%	0.45%	
960	239278 02BRDVIE 138 937247 AD2-163_POI 138 1	239278	02BRDVIE	937247	AD2-163_POI	1	138	202	ATSI	152	179	Base Case	0	-40.9	-	26.9	0	0.09%	0.09%	0.01%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
961	238732 02FOXQ11 138 241935 02CLINTON 138 1	238732	02FOXQ11	241935	02CLINTON	1	138	202	ATSI	347	423	Base Case	0	93.3	-	26.89	0	0.02%	0.02%	0.00%	
962	249993 08CDRVL2 138 250030 08FRDBT1 138 1	249993	08CDRVL2	250030	08FRDBT1	1	138	212	DEO&K	298	298	Base Case	0	-80.1	-	26.88	0	0.03%	0.03%	0.03%	
963	242571 05BUCKHO 138 242707 05LOWESM 138 1	242571	05BUCKHO	242707	05LOWESM	1	138	205	AEP	251	251	Base Case	0	67.4	-	26.86	0	-0.13%	-0.13%	-0.26%	
964	243669 05B SAND 138 243670 05BAKER 138 1	243669	05B SAND	243670	05BAKER	1	138	205	AEP	670	747	Base Case	0	-179.9	-	26.85	0	0.19%	0.19%	0.11%	
965	243369 05ROYERTON 138 243393 05WESDEL 138 1	243369	05ROYERTON	243393	05WESDEL	1	138	205	AEP	219	223	Base Case	0	58.8	-	26.84	0	0.02%	0.02%	0.01%	
966	238825 02IVANHO 138 238939 02MAHNGS 138 1	238825	02IVANHO	238939	02MAHNGS	1	138	202	ATSI	200	242	Base Case	0	-53.7	-	26.84	0	-0.03%	-0.03%	0.00%	
967	243539 05MARION 138 243550 05OBETZ 138 1	243539	05MARION	243550	05OBETZ	1	138	205	AEP	149	180	Base Case	0	-40	-	26.84	0	-0.05%	-0.05%	0.06%	
968	242528 05SPORN 345 247183 05MOUNTN 345 1	242528	05SPORN	247183	05MOUNTN	1	345	205	AEP	2928	3113	Base Case	0	-785.7	-	26.84	0	1.00%	1.00%	1.08%	
969	243484 05CITYCO 138 243584 05VINE 138 2	243484	05CITYCO	243584	05VINE	2	138	205	AEP	251	274	Base Case	0	-67.3	-	26.81	0	0.00%	0.00%	0.00%	
970	243221 05EUGENE 345 247712 05SULLIVAN 345 1	243221	05EUGENE	247712	05SULLIVAN	1	345	205	AEP	971	1335	Base Case	0	-260.1	-	26.78	0	0.16%	0.16%	0.28%	
971	246325 05NOTTINGH56 138 247700 05YAGER 138 1	246325	05NOTTINGH56	247700	05YAGER	1	138	205	AEP	200	241	Base Case	0	53.5	-	26.76	0	-0.03%	-0.03%	0.04%	
972	249571 08REDBK1 345 249573 08SGROVE 345 1	249571	08REDBK1	249573	08SGROVE	1	345	212	DEO&K	1509	1509	Base Case	0	-403.5	-	26.74	0	-0.02%	-0.02%	0.07%	
973	243473 05BIXBY 138 246761 05THREEC 138 1	243473	05BIXBY	246761	05THREEC	1	138	205	AEP	427	481	Base Case	0	114.1	-	26.73	0	0.00%	0.00%	0.01%	
974	239092 02SAMMIS 345 242943 05SCANTO 345 1	239092	02SAMMIS	242943	05SCANTO	1	345	202/205	ATSI/AEP	1409	1409	Base Case	0	376.2	-	26.7	0	1.37%	1.37%	-0.35%	
975	242537 05AMOS 138 242548 05BANCRO 138 1	242537	05AMOS	242548	05BANCRO	1	138	205	AEP	334	334	Base Case	0	89.1	-	26.67	0	0.04%	0.04%	0.20%	
976	239728 02BLKRVR 138 239734 02CHARLESTON 138 1	239728	02BLKRVR	239734	02CHARLESTON	1	138	202	ATSI	435	500	Base Case	0	116	-	26.67	0	-0.38%	-0.38%	-0.03%	
977	243221 05EUGENE 345 249504 08CAYSUB 345 1	243221	05EUGENE	249504	08CAYSUB	1	345	205/208	AEP/DEI	1374	1374	Base Case	0	-366.3	-	26.66	0	0.55%	0.55%	0.56%	
978	242544 05AXTON 138 242545 05AXTONX 138 ZB	242544	05AXTON	242545	05AXTONX	ZB	138	205	AEP	696	747	Base Case	0	-185.6	-	26.66	0	-0.55%	-0.55%	-4.32%	
979	242725 05MTAIRY 138 242859 05WYTHE2 138 1	242725	05MTAIRY	242859	05WYTHE2	1	138	205	AEP	205	284	Base Case	0	54.6	-	26.64	0	-0.19%	-0.19%	-0.33%	
980	239063 02REYNOD 138 239110 02SIL_AV+ 138 1	239063	02REYNOD	239110	02SIL_AV+	1	138	202	ATSI	278	343	Base Case	0	-74	-	26.6	0	-0.06%	-0.06%	0.01%	
981	243383 05TILLMA 138 246950 05TIMBSS 138 1	243383	05TILLMA	246950	05TIMBSS	1	138	205	AEP	283	355	Base Case	0	75.3	-	26.59	0	-0.16%	-0.16%	-0.04%	
982	242522 05AMOS 345 247504 05AMOS_5_XFL 345 Z5	242522	05AMOS	247504	05AMOS_5_XFL	Z5	345	205	AEP	1740	2034	Base Case	0	-462.5	-	26.58	0	-0.24%	-0.24%	-0.17%	
983	242537 05AMOS 138 242823 05TACKCR 138 1	242537	05AMOS	242823	05TACKCR	1	138	205	AEP	296	296	Base Case	0	78.7	-	26.57	0	-0.06%	-0.06%	-0.07%	
984	242669 05HOLST1 138 242829 05TENNE1 138 1	242669	05HOLST1	242829	05TENNE1	1	138	205	AEP	68	68	Base Case	0	18	-	26.54	0	0.00%	0.00%	-0.02%	
985	250139 08ROCKIE 138 250149 08TP5381 138 Z1	250139	08ROCKIE	250149	08TP5381	Z1	138	212	DEO&K	486	502	Base Case	0	128.9	-	26.52	0	-0.06%	-0.06%	-0.06%	
986	242688 05JOSHUA 138 242772 05RIVERV 138 1	242688	05JOSHUA	242772	05RIVERV	1	138	205	AEP	296	413	Base Case	0	78.5	-	26.5	0	-0.14%	-0.14%	-0.40%	
987	253078 09SUGRCK 138 253255 09GEBHRT 138 1	253078	09SUGRCK	253255	09GEBHRT	1	138	209	DAY	196	241	Base Case	0	51.9	-	26.47	0	0.07%	0.07%	0.04%	
988	242952 05SHEPLER SS 138 243097 05SECANT 138 1	242952	05SHEPLER SS	243097	05SECANT	1	138	205	AEP	296	296	Base Case	0	-78.3	-	26.46	0	0.07%	0.07%	-0.02%	
989	238544 02ASH_3 138 238548 02ATCQ31 138 1	238544	02ASH_3	238548	02ATCQ31	1	138	202	ATSI	72	135	Base Case	0	19	-	26.45	0	0.00%	0.00%	0.00%	
990	250098 08SHAKER 138 250149 08TP5381 138 1	250098	08SHAKER	250149	08TP5381	1	138	212	DEO&K	486	502	Base Case	0	-128.6	-	26.45	0	-0.06%	-0.06%	-0.06%	
991	238889 02LEMOYN 345 238890 02LEMOYN 138 2	238889	02LEMOYN	238890	02LEMOYN	2	345/138	202	ATSI	361	412	Base Case	0	95.5	-	26.44	0	-0.02%	-0.02%	0.02%	
992	242949 05WMILLP 345 243459 05KIRK 345 1	242949	05WMILLP	243459	05KIRK	1	345	205	AEP	1132	1132	Base Case	0	299.1	-	26.42	0	0.87%	0.87%	0.12%	
993	238958 02MFLDQ3 138 239039 02PGTP11 138 1	238958	02MFLDQ3	239039	02PGTP11	1	138	202	ATSI	103	133	Base Case	0	-27.2	-	26.42	0	0.12%	0.12%	-0.03%	
994	238615 02CHAMBR 345 238617 02CHMBER 138 3	238615	02CHAMBR	238617	02CHMBER	3	345/138	202	ATSI	516	574	Base Case	0	135.9	-	26.34	0	0.06%	0.06%	-0.04%	
995	238906 02LNGVEW 138 239217 02REEDSB 138 1	238906	02LNGVEW	239217	02REEDSB	1	138	202	ATSI	141	182	Base Case	0	-37.1	-	26.32	0	0.14%	0.14%	0.04%	
996	242992 05E WHEE 138 243124 05TEXEAS 138 1	242992	05E WHEE	243124	05TEXEAS	1	138	205	AEP	97	97	Base Case	0	25.5	-	26.32	0	0.00%	0.00%	0.00%	
997	243277 05DERBY 138 243335 05MAIN S 138 1	243277	05DERBY	243335	05MAIN S	1	138	205	AEP	205	205	Base Case	0	-53.9	-	26.3	0	0.07%	0.07%	0.02%	
998	242652 05GOMING 138 242719 05MONEL 138 1	242652	05GOMING	242719	05MONEL	1	138	205	AEP	388	409	Base Case	0	101.9	-	26.28	0	-0.06%	-0.06%	-0.50%	
999	238614 02CFQ-14 138 238702 02ERQ-14 138 1	238614	02CFQ-14	238702	02ERQ-14	1	138	202	ATSI	273	332	Base Case	0	71.7	-	26.26	0	-0.15%	-0.15%	-0.02%	
1000	250092 08REDBK1 138 250114 08TP7481 138 1	250092	08REDBK1	250114	08TP7481	1	138	212	DEO&K	370	370	Base Case	0	97.2	-	26.26	0	0.03%	0.03%	0.03%	
1001	249989 08BKJ246 138 250025 08FLDMN1 138 1	249989	08BKJ246	250025	08FLDMN1	1	138	212	DEO&K	299	299	Base Case	0	78.5	-	26.25	0	0.01%	0.01%	0.03%	
1002	238889 02LEMOYN 345 238890 02LEMOYN 138 1	238889	02LEMOYN	238890	02LEMOYN	1	345/138	202	ATSI	362	415	Base Case	0	95	-	26.23	0	-0.02%	-0.02%	0.02%	
1003	238717 02-5POINT+ 138 239371 02DOWLING 138 1	238717	02-5POINT+	239371	02DOWLING	1	138	202	ATSI	288	353	Base Case	0	-75.5	-	26.2	0	0.05%	0.05%	0.01%	
1004	238549 02AVERY 138 239108 02SHNROK 138 1	238549	02AVERY	239108	02SHNROK	1	138	202	ATSI	233	282	Base Case	0	61.1	-	26.2	0	-0.25%	-0.25%	-0.04%	
1005	242992 05E WHEE 138 243968 05IRONWOODSS 138 1	242992	05E WHEE	243968	05IRONWOODSS	1	138	205	AEP	167	167	Base Case	0	-43.7	-	26.19	0	0.05%	0.05%	0.13%	
1006	243505 05ELKEM 138 243564 05RIVERV N. 138 1	243505	05ELKEM	243564	05RIVERV N.	1	138	205	AEP	240	282	Base Case	0	-62.9	-	26.19	0	0.00%	0.00%	0.00%	
1007	238702 02ERQ-14 138 238711 02EYTP14 138 1	238702	02ERQ-14	238711	02EYTP14	1	138	202	ATSI	273	332	Base Case	0	71.5	-	26.19	0	-0.15%	-0.15%	-0.02%	
1008	243052 05NECANT 138 243072 05PACKARD 138 1	243052	05NECANT	243072	05PACKARD	1	138	205	AEP	205	205	Base Case	0	53.7	-	26.18	0	0.03%	0.03%	0.01%	
1009	238700 02EPWRTH 138 239141 02TRACO 138 1	238700	02EPWRTH	239141	02TRACO	1	138	202	ATSI	278	339	Base Case	0	-72.8	-	26.17	0	0.03%	0.03%	0.00%	
1010	246102 05CARROLLTN2 138 247016 05GABLSS 138 1	246102	05CARROLLTN2	247016	05GABLSS	1	138	205	AEP	358	421	Base Case	0	-93.5	-	26.11	0	0.10%	0.10%	0.01%	
1011	243483 05CRCLVS 138 246889 05BIERSR 138 1	243483	05CRCLVS	246889	05BIERSR	1	138	205	AEP	389	559	Base Case	0	-101.5	-	26.09	0	-0.02%	-0.02%	0.07%	
1012	243319 05JAY 138 253250 09FTRECV 138 1	243319	05JAY	253250	09FTRECV	1	138	205/209	AEP/DAY	301	375	Base Case	0	78.5	-	26.08	0	-0.08%	-0.08%	-0.03%	
1013	243242 05ALLEN 138 243334 05MAGLEY 138 1	243242	05ALLEN	243334	05MAGLEY	1	138	205	AEP	257	341	Base Case	0	67	-	26.08	0	0.00%	0.00%	-0.06%	
1014	242671 05HOPKIN 138 242672 05HOPKINSX 138 SR	242671	05HOPKIN	242672	05HOPKINSX	SR	138	205	AEP	248	248	Base Case	0	-64.7	-	26.08	0	-0.01%	-0.01%	-0.19%	
1015	242609 05CLYTR2 138 242634 05EDGEMO 138 1	242609	05CLYTR2	242634	05EDGEMO	1	138	205	AEP	167	240	Base Case	0	43.5	-	26.06	0	-0.11%	-0.11%	-0.07%	
1016	243206 05DUMONT 765 246999 05SORENS 765 1	243206	05DUMONT	246999	05SORENS	1	765	205	AEP	4142	4142	Base Case	0	1077.6	-	26.02	0	-4.38%	-4.38%	-2.90%	
1017	238578 02BORDMN 138 239369 02TORONTO 138 1	238578	02BORDMN	239369	02TORONTO	1	138	202	ATSI	187	191	Base Case	0	-48.5	-	25.96	0	0.02%	0.02%	0.04%	
1018	242697 05KUMIS 138 242731 05NBLACK 138 1	242697	05KUMIS	242731	05NBLACK	1	138	205	AEP	205	205	Base Case	0	53.2	-	25.96	0	0.12%	0.12%	0.22%	
1019	238842 02JNPRQ3 138 239051 02PV Q3 138 1	238842	02JNPRQ3	239051	02PV Q3	1	138	202	ATSI	273	332	Base Case	0	70.8	-	25.95	0	0.12%	0.12%	0.00%	
1020	243322 05KENZIE 138 245259 05EDLOWE 138 1	243322	05KENZIE	245259	05EDLOWE	1	138	205	AEP	293	341	Base Case	0	76	-	25.92	0	-0.02%	-0.02%	-0.02%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1021	238708 02EVRGRN 138 239321 02RSYSOH 138 1	238708	02EVRGRN	239321	02RSYSOH	1	138	202	ATSI	200	242	Base Case	0	51.8	-	25.9	0	-0.01%	-0.01%	0.00%	
1022	238621 02CL Q13 138 240348 02GROVWDQ13 138 ZB	238621	02CL Q13	240348	02GROVWDQ13	ZB	138	202	ATSI	110	138	Base Case	0	-28.5	-	25.87	0	0.00%	0.00%	0.00%	
1023	242630 05E.RIVE 138 242784 05S.BLUE 138 1	242630	05E.RIVE	242784	05S.BLUE	1	138	205	AEP	205	205	Base Case	0	-53	-	25.85	0	-0.08%	-0.08%	-0.08%	
1024	235363 01MAHNSL 138 243347 05TIDD 3-4 138 1	235363	01MAHNSL	243347	05TIDD 3-4	1	138	201/205	AP/AEP	187	205	Base Case	0	-48.3	-	25.84	0	-0.53%	-0.53%	-0.02%	
1025	238502 02BRIM 138 238890 02LEMOYN 138 1	238502	02BRIM	238890	02LEMOYN	1	138	202	ATSI	252	291	Base Case	0	-65.1	-	25.84	0	0.05%	0.05%	0.01%	
1026	242607 05CLOVRD 138 243892 05MEADS8 138 1	242607	05CLOVRD	243892	05MEADS8	1	138	205	AEP	348	407	Base Case	0	-89.9	-	25.83	0	-0.06%	-0.06%	0.94%	
1027	239154 02W.FREM 138 240813 02GROTON 138 1	239154	02W.FREM	240813	02GROTON	1	138	202	ATSI	278	339	Base Case	0	71.8	-	25.83	0	-0.24%	-0.24%	-0.04%	
1028	238617 02CHMBER 138 239010 02NORDON 138 1	238617	02CHMBER	239010	02NORDON	1	138	202	ATSI	200	242	Base Case	0	51.6	-	25.81	0	0.08%	0.08%	-0.02%	
1029	238823 02INQ-14 138 240284 02LKSHQ4 138 1	238823	02INQ-14	240284	02LKSHQ4	1	138	202	ATSI	267	352	Base Case	0	68.9	-	25.8	0	0.13%	0.13%	-0.01%	
1030	242675 05HUFFMN 138 242755 05PIPERS 138 1	242675	05HUFFMN	242755	05PIPERS	1	138	205	AEP	277	277	Base Case	0	71.4	-	25.77	0	0.03%	0.03%	0.07%	
1031	243292 05FALL C 138 243333 05MADISON1 138 1	243292	05FALL C	243333	05MADISON1	1	138	205	AEP	251	251	Base Case	0	64.6	-	25.74	0	-0.01%	-0.01%	0.04%	
1032	243080 05RILEYC 138 247000 05YELLOW CK1 138 1	243080	05RILEYC	247000	05YELLOW CK1	1	138	205	AEP	223	223	Base Case	0	57.4	-	25.73	0	0.06%	0.06%	0.10%	
1033	242648 05GARDEC 138 242661 05HALES1 138 1	242648	05GARDEC	242661	05HALES1	1	138	205	AEP	219	223	Base Case	0	56.3	-	25.72	0	-0.10%	-0.10%	-0.01%	
1034	243109 05STEUBN 138 243127 05TIDD 1-2 138 1	243109	05STEUBN	243127	05TIDD 1-2	1	138	205	AEP	164	180	Base Case	0	-42.2	-	25.72	0	0.01%	0.01%	-0.01%	
1035	238610 02CDR ST 138 238706 02EU TAP 138 1	238610	02CDR ST	238706	02EU TAP	1	138	202	ATSI	299	360	Base Case	0	-76.8	-	25.67	0	0.20%	0.20%	-0.01%	
1036	242513 05CULLOD 765 242517 05WYOMIN 765 1	242513	05CULLOD	242517	05WYOMIN	1	765	205	AEP	4047	4142	Base Case	0	1038.1	-	25.65	0	-2.12%	-2.12%	-10.11%	
1037	242774 05ROANO2 138 247631 05BENNINGTON 138 1	242774	05ROANO2	247631	05BENNINGTON	1	138	205	AEP	240	309	Base Case	0	-61.6	-	25.65	0	0.10%	0.10%	-0.22%	
1038	239321 02RSYSOH 138 240068 02STAR_FORGE 138 1	239321	02RSYSOH	240068	02STAR_FORGE	1	138	202	ATSI	200	242	Base Case	0	51.2	-	25.59	0	-0.01%	-0.01%	0.00%	
1039	253077 09STUART 345 253100 09ATLNTA 345 1	253077	09STUART	253100	09ATLNTA	1	345	209	DAY	1195	1195	Base Case	0	305.7	-	25.58	0	-0.56%	-0.56%	0.06%	
1040	238615 02CHAMBR 345 238617 02CHMBER 138 4	238615	02CHAMBR	238617	02CHMBER	4	345/138	202	ATSI	516	574	Base Case	0	132	-	25.58	0	0.06%	0.06%	-0.04%	
1041	238746 02GALION 138 238891 02LESIDE 138 1	238746	02GALION	238891	02LESIDE	1	138	202	ATSI	251	290	Base Case	0	64.1	-	25.55	0	-0.24%	-0.24%	0.04%	
1042	243050 05NBELVL 138 247278 05MILL1Z 138 1	243050	05NBELVL	247278	05MILL1Z	1	138	205	AEP	187	240	Base Case	0	-47.8	-	25.54	0	0.02%	0.02%	0.09%	
1043	238684 02EASTLK 345 238685 02EASTLK 138 61	238684	02EASTLK	238685	02EASTLK	61	345/138	202	ATSI	906	1006	Base Case	0	231.3	-	25.53	0	0.10%	0.10%	-0.04%	
1044	242699 05LAVALT 138 244462 05SHOALS 138 1	242699	05LAVALT	244462	05SHOALS	1	138	205	AEP	251	309	Base Case	0	-64	-	25.51	0	-0.05%	-0.05%	-0.14%	
1045	242994 05EAMSTD 138 247704 05PANDA RDSS 138 1	242994	05EAMSTD	247704	05PANDA RDSS	1	138	205	AEP	336	393	Base Case	0	85.6	-	25.49	0	0.10%	0.10%	0.02%	
1046	243024 05HOWARD 138 243100 05SHELGH 138 1	243024	05HOWARD	243100	05SHELGH	1	138	205	AEP	72	76	Base Case	0	18.3	-	25.46	0	0.00%	0.00%	0.00%	
1047	242539 05ANGLBR 138 242814 05ST.ALB 138 1	242539	05ANGLBR	242814	05ST.ALB	1	138	205	AEP	287	337	Base Case	0	-72.8	-	25.37	0	-0.01%	-0.01%	-0.19%	
1048	242619 05DANVL1 138 242620 05DANVL2 138 Z1	242619	05DANVL1	242620	05DANVL2	Z1	138	205	AEP	287	337	Base Case	0	-72.8	-	25.37	0	0.16%	0.16%	1.65%	
1049	242555 05BLAINE 138 242843 05WLAKE 138 1	242555	05BLAINE	242843	05WLAKE	1	138	205	AEP	287	337	Base Case	0	-72.8	-	25.36	0	0.00%	0.00%	0.39%	
1050	242512 05CLOVRD 765 242515 05JOSHUA 765 1	242512	05CLOVRD	242515	05JOSHUA	1	765	205	AEP	1180	1180	Base Case	0	298.9	-	25.33	0	-0.19%	-0.19%	-1.79%	
1051	246751 05VASSEL 765 270162 AB2-067 TAP 765 1	246751	05VASSEL	270162	AB2-067 TAP	1	765	205	AEP	4047	4571	Base Case	0	-1023.8	-	25.3	0	5.48%	5.48%	1.12%	
1052	238951 02MBQ-14 138 241925 02ELQ5 138 1	238951	02MBQ-14	241925	02ELQ5	1	138	202	ATSI	324	382	Base Case	0	-82	-	25.29	0	0.12%	0.12%	-0.04%	
1053	238715 02FERNWY 138 239281 02CRNBRY 138 1	238715	02FERNWY	239281	02CRNBRY	1	138	202	ATSI	278	339	Base Case	0	-70.3	-	25.28	0	0.03%	0.03%	0.00%	
1054	242937 05KAMMER 345 242948 05WBELLA 345 1	242937	05KAMMER	242948	05WBELLA	1	345	205	AEP	1740	1868	Base Case	0	439.7	-	25.27	0	-1.74%	-1.74%	1.00%	
1055	243229 05OLIVE 345 243918 05ELDERBERRY 345 1	243229	05OLIVE	243918	05ELDERBERRY	1	345	205	AEP	1188	1539	Base Case	0	-299.9	-	25.25	0	0.52%	0.52%	0.29%	
1056	243473 05BIXBY 138 244232 05SHANONRSS8 138 1	243473	05BIXBY	244232	05SHANONRSS8	1	138	205	AEP	329	350	Base Case	0	83	-	25.22	0	-0.01%	-0.01%	0.01%	
1057	243453 05BEATTY 345 244022 05COLE 345 1	243453	05BEATTY	244022	05COLE	1	345	205	AEP	1096	1203	Base Case	0	276.4	-	25.22	0	-0.55%	-0.55%	-0.03%	
1058	243560 05ROBERT 138 243582 05TRABUE 138 1	243560	05ROBERT	243582	05TRABUE	1	138	205	AEP	223	310	Base Case	0	56.1	-	25.15	0	0.04%	0.04%	0.00%	
1059	250023 08EVNDL2 138 250118 08TRMNL2 138 1	250023	08EVNDL2	250118	08TRMNL2	1	138	212	DEO&K	408	408	Base Case	0	-102.4	-	25.11	0	-0.01%	-0.01%	0.03%	
1060	243257 05CALVERTZ 138 243318 05JACKSON RD 138 1	243257	05CALVERTZ	243318	05JACKSON RD	1	138	205	AEP	205	205	Base Case	0	-51.4	-	25.1	0	0.06%	0.06%	0.03%	
1061	238783 02HARDIN 345 238793 02HDGQ12 138 2	238783	02HARDIN	238793	02HDGQ12	2	345/138	202	ATSI	429	484	Base Case	0	107.6	-	25.08	0	0.07%	0.07%	0.01%	
1062	243457 05HAYDEN 345 243461 05ROBRT1 345 1	243457	05HAYDEN	243461	05ROBRT1	1	345	205	AEP	1025	1318	Base Case	0	257.1	-	25.08	0	-0.06%	-0.06%	-0.04%	
1063	242725 05MTAIRY 138 242780 05RURALR 138 1	242725	05MTAIRY	242780	05RURALR	1	138	205	AEP	251	335	Base Case	0	-62.8	-	25.03	0	-0.19%	-0.19%	-0.33%	
1064	249578 08HILCRT 345 253077 09STUART 345 1	249578	08HILCRT	253077	09STUART	1	345	212/209	DEO&K/DAY	1255	1374	Base Case	0	-314	-	25.02	0	0.23%	0.23%	0.30%	
1065	243150 05WMILLP 138 243510 05GAHANN 138 1	243150	05WMILLP	243510	05GAHANN	1	138	205	AEP	219	255	Base Case	0	54.8	-	25.01	0	0.05%	0.05%	0.01%	
1066	243554 05PORTER 138 243573 05SHELL 138 1	243554	05PORTER	243573	05SHELL	1	138	205	AEP	109	133	Base Case	0	27.3	-	25.01	0	0.00%	0.00%	0.00%	
1067	242608 05CLYTR1 138 247869 05CLAYTR HY1 138 1	242608	05CLYTR1	247869	05CLAYTR HY1	1	138	205	AEP	120	151	Base Case	0	-30	-	25.01	0	-0.02%	-0.02%	-0.02%	
1068	243214 05COLNGW 345 255105 17HIPLE 345 1	243214	05COLNGW	255105	17HIPLE	1	345	205/217	AEP/NIPS	1409	1409	Base Case	0	-352	-	24.98	0	-0.59%	-0.59%	-0.41%	
1069	243247 05AUBURN 138 247106 05VARNER 138 1	243247	05AUBURN	247106	05VARNER	1	138	205	AEP	257	360	Base Case	0	-64.2	-	24.97	0	0.01%	0.01%	0.00%	
1070	242516 05MOUNTN 765 242923 05GAVIN 765 1	242516	05MOUNTN	242923	05GAVIN	1	765	205	AEP	4047	4571	Base Case	0	-1009.3	-	24.94	0	-4.01%	-4.01%	0.18%	
1071	242964 05BOLIVA 138 243092 05SCANTO 138 1	242964	05BOLIVA	243092	05SCANTO	1	138	205	AEP	291	291	Base Case	0	-72.6	-	24.93	0	0.42%	0.42%	-0.10%	
1072	243361 05RABER 138 243372 05SATURN 138 1	243361	05RABER	243372	05SATURN	1	138	205	AEP	185	185	Base Case	0	-46	-	24.86	0	0.07%	0.07%	0.06%	
1073	242865 05JEFRSO 345 248000 06CLIFTY 345 Z1	242865	05JEFRSO	248000	06CLIFTY	Z1	345	205/206	AEP/OVEC	1868	1868	Base Case	0	464.2	-	24.85	0	-0.08%	-0.08%	-0.15%	
1074	243353 05OLIVE 138 244173 05SILVER LAK 138 1	243353	05OLIVE	244173	05SILVER LAK	1	138	205	AEP	223	310	Base Case	0	55.4	-	24.85	0	0.08%	0.08%	0.05%	
1075	238568 02BAYSHO 138 241945 AB1-107 TAP 138 1	238568	02BAYSHO	241945	AB1-107 TAP	1	138	202	ATSI	278	342	Base Case	0	-69	-	24.83	0	-0.18%	-0.18%	-0.11%	
1076	243205 05COOK 765 243206 05DUMONT 765 1	243205	05COOK	243206	05DUMONT	1	765	205	AEP	4047	4571	Base Case	0	1004.7	-	24.83	0	-0.62%	-0.62%	-1.05%	
1077	243507 05FIFTH 138 245853 05HESS SOUTH 138 1	243507	05FIFTH	245853	05HESS SOUTH	1	138	205	AEP	187	207	Base Case	0	46.4	-	24.82	0	-0.07%	-0.07%	-0.01%	
1078	238831 02IWQ-17 138 238843 02JNPRQ4 138 1	238831	02IWQ-17	238843	02JNPRQ4	1	138	202	ATSI	273	332	Base Case	0	-67.7	-	24.8	0	-0.05%	-0.05%	0.02%	
1079	250081 08OAKLEY 138 250110 08CENTRL 138 1	250081	08OAKLEY	250110	08CENTRL	1	138	212	DEO&K	205	205	Base Case	0	50.8	-	24.79	0	0.03%	0.03%	0.01%	
1080	243457 05HAYDEN 345 243460 05ROBRT2 345 2	243457	05HAYDEN	243460	05ROBRT2	2	345	205	AEP	1025	1318	Base Case	0	254	-	24.78	0	-0.06%	-0.06%	-0.04%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1081	243265 05COREY 138 245259 05EDLOWE 138 1	243265	05COREY	245259	05EDLOWE	1	138	205	AEP	296	398	Base Case	0	-73.2	-	24.73	0	-0.02%	-0.02%	-0.02%	
1082	242979 05CANNELV SS 138 242986 05CROOKS 138 1	242979	05CANNELV SS	242986	05CROOKS	1	138	205	AEP	187	240	Base Case	0	46.2	-	24.72	0	0.23%	0.23%	-0.10%	
1083	242636 05FALLBR 138 242796 05SHAWSV 138 1	242636	05FALLBR	242796	05SHAWSV	1	138	205	AEP	167	240	Base Case	0	-41.2	-	24.7	0	0.10%	0.10%	0.09%	
1084	238850 02JUNIPE 345 239122 02STAR 345 1	238850	02JUNIPE	239122	02STAR	1	345	202	ATSI	1534	1891	Base Case	0	-378.7	-	24.69	0	-0.50%	-0.50%	0.52%	
1085	238781 02HANNA 345 238941 02MANSFD 345 1	238781	02HANNA	238941	02MANSFD	1	345	202	ATSI	1380	1646	Base Case	0	-340.3	-	24.66	0	0.46%	0.46%	0.04%	
1086	243023 05HOCKNG 138 243531 05KIMBRY 138 1	243023	05HOCKNG	243531	05KIMBRY	1	138	205	AEP	223	310	Base Case	0	-55	-	24.65	0	-0.03%	-0.03%	0.09%	
1087	238884 02LEMO K 138 240990 02HOMEDEPOT 138 1	238884	02LEMO K	240990	02HOMEDEPOT	1	138	202	ATSI	160	192	Base Case	0	39.4	-	24.64	0	0.08%	0.08%	0.01%	
1088	242528 05SPORN 345 242947 05WATERFORD 345 1	242528	05SPORN	242947	05WATERFORD	1	345	205	AEP	1239	1566	Base Case	0	305.2	-	24.64	0	-0.72%	-0.72%	1.08%	
1089	242547 05BAILS2 138 242855 05WYOMIN 138 2	242547	05BAILS2	242855	05WYOMIN	2	138	205	AEP	388	484	Base Case	0	-95.5	-	24.61	0	0.01%	0.01%	-0.04%	
1090	242708 05M FUNK 138 247470 05MFUNK2_XFL 138 Z2	242708	05M FUNK	247470	05MFUNK2_XFL	Z2	138	205	AEP	696	747	Base Case	0	-171.2	-	24.6	0	0.05%	0.05%	-0.38%	
1091	243127 05TIDD 1-2 138 245389 05TIDD_B_X 138 SR	243127	05TIDD 1-2	245389	05TIDD_B_X	SR	138	205	AEP	580	580	Base Case	0	-142.6	-	24.59	0	0.03%	0.03%	-0.01%	
1092	243127 05TIDD 1-2 138 243129 05TIDD_C_X 138 SR	243127	05TIDD 1-2	243129	05TIDD_C_X	SR	138	205	AEP	580	580	Base Case	0	-142.6	-	24.59	0	0.03%	0.03%	-0.01%	
1093	242614 05COLLINV SS 138 242638 05FIELDALE1 138 1	242614	05COLLINV SS	242638	05FIELDALE1	1	138	205	AEP	296	398	Base Case	0	72.7	-	24.57	0	-0.04%	-0.04%	0.30%	
1094	242537 05AMOS 138 242836 05TURNE1 138 1	242537	05AMOS	242836	05TURNE1	1	138	205	AEP	296	296	Base Case	0	72.7	-	24.57	0	-0.06%	-0.06%	-0.07%	
1095	238848 02JRDQ11 138 239324 02CH 138 1	238848	02JRDQ11	239324	02CH	1	138	202	ATSI	265	316	Base Case	0	-65.1	-	24.56	0	-0.08%	-0.08%	0.03%	
1096	238563 02BAY SH 345 238654 02DAV-BE 345 1	238563	02BAY SH	238654	02DAV-BE	1	345	202	ATSI	1542	1878	Base Case	0	378.4	-	24.54	0	-1.64%	-1.64%	-0.17%	
1097	242682 05JIM BRANCH 138 247152 05GARY 138 1	242682	05JIM BRANCH	247152	05GARY	1	138	205	AEP	296	398	Base Case	0	72.5	-	24.5	0	-0.11%	-0.11%	-0.29%	
1098	238708 02EVRGRN 138 238797 02HGHLND 138 2	238708	02EVRGRN	238797	02HGHLND	2	138	202	ATSI	200	242	Base Case	0	-49	-	24.49	0	-0.04%	-0.04%	0.00%	
1099	238708 02EVRGRN 138 238797 02HGHLND 138 1	238708	02EVRGRN	238797	02HGHLND	1	138	202	ATSI	200	242	Base Case	0	-49	-	24.49	0	-0.04%	-0.04%	0.00%	
1100	243219 05DUMONT 345 246955 05OLIVE_BP 345 1	243219	05DUMONT	246955	05OLIVE_BP	1	345	205	AEP	897	897	Base Case	0	219.6	-	24.48	0	-0.44%	-0.44%	-0.33%	
1101	243222 05FALL C 345 249515 08NOBLSV 345 1	243222	05FALL C	249515	08NOBLSV	1	345	205/208	AEP/DEI	911	956	Base Case	0	-223	-	24.48	0	-0.20%	-0.20%	0.12%	
1102	239725 02LAKEAVE 345 239726 02LAKEAVE 138 2	239725	02LAKEAVE	239726	02LAKEAVE	2	345/138	202	ATSI	620	740	Base Case	0	151.7	-	24.46	0	-0.10%	-0.10%	-0.04%	
1103	243232 05SORENS 345 246955 05OLIVE_BP 345 1	243232	05SORENS	246955	05OLIVE_BP	1	345	205	AEP	897	897	Base Case	0	-219.3	-	24.45	0	-0.44%	-0.44%	-0.33%	
1104	249990 08BROWN 138 250167 08DEO_STUART 138 1	249990	08BROWN	250167	08DEO_STUART	1	138	212	DEO&K	275	275	Base Case	0	-67.2	-	24.45	0	0.04%	0.04%	0.04%	
1105	239725 02LAKEAVE 345 239726 02LAKEAVE 138 1	239725	02LAKEAVE	239726	02LAKEAVE	1	345/138	202	ATSI	621	740	Base Case	0	151.7	-	24.42	0	-0.10%	-0.10%	-0.04%	
1106	242983 05CHANDLERVZ 138 243074 05PHILO1 138 1	242983	05CHANDLERVZ	243074	05PHILO1	1	138	205	AEP	187	240	Base Case	0	-45.7	-	24.42	0	-0.47%	-0.47%	0.10%	
1107	250106 08TODHJT 138 253057 09OHH 138 1	250106	08TODHJT	253057	09OHH	1	138	212/209	DEO&K/DAY	221	272	Base Case	0	54	-	24.42	0	-0.09%	-0.09%	-0.04%	
1108	238508 02EBER 138 239128 02SWANTN 138 1	238508	02EBER	239128	02SWANTN	1	138	202	ATSI	278	343	Base Case	0	-67.7	-	24.35	0	-0.04%	-0.04%	0.01%	
1109	238640 02CRISS 138 239264 02DBP 138 1	238640	02CRISS	239264	02DBP	1	138	202	ATSI	278	339	Base Case	0	-67.7	-	24.34	0	-0.03%	-0.03%	0.08%	
1110	243024 05HOWARD 138 243050 05NBELVL 138 1	243024	05HOWARD	243050	05NBELVL	1	138	205	AEP	136	167	Base Case	0	-33.1	-	24.34	0	0.02%	0.02%	0.09%	
1111	243604 05TIDD_B_XFL 138 245389 05TIDD_B_X 138 B	243604	05TIDD_B_XFL	245389	05TIDD_B_X	B	138	205	AEP	586	598	Base Case	0	142.6	-	24.34	0	0.03%	0.03%	-0.01%	
1112	238546 02ASQ-11 138 238743 02ER-DNB+Q11 138 1	238546	02ASQ-11	238743	02ER-DNB+Q11	1	138	202	ATSI	260	309	Base Case	0	63.3	-	24.34	0	-0.19%	-0.19%	-0.02%	
1113	243122 05SW LIM 138 243136 05W LIMA 138 1	243122	05SW LIM	243136	05W LIMA	1	138	205	AEP	348	388	Base Case	0	84.6	-	24.31	0	-0.02%	-0.02%	0.12%	
1114	243349 05NEW CARLI2 138 243359 05PINERD 138 1	243349	05NEW CARLI2	243359	05PINERD	1	138	205	AEP	187	233	Base Case	0	45.5	-	24.31	0	-0.10%	-0.10%	-0.06%	
1115	249736 08GRDALE 138 250057 08M.FORT 138 1	249736	08GRDALE	250057	08M.FORT	1	138	208/212	DEI/DEO&K	486	486	Base Case	0	117.9	-	24.26	0	-0.05%	-0.05%	0.27%	
1116	243667 05STINNE 161 360452 5PINEVILL KY 161 1	243667	05STINNE	360452	5PINEVILL KY	1	161	205/347	AEP/TVA	208	208	Base Case	0	-50.4	-	24.25	0	-0.03%	-0.03%	0.05%	
1117	242629 05E.MONU 138 242632 05EDAN 2 138 1	242629	05E.MONU	242632	05EDAN 2	1	138	205	AEP	251	335	Base Case	0	-60.8	-	24.23	0	0.03%	0.03%	0.33%	
1118	243118 05SUMMER 138 247757 05HERLAN SW 138 1	243118	05SUMMER	247757	05HERLAN SW	1	138	205	AEP	205	284	Base Case	0	-49.6	-	24.2	0	0.11%	0.11%	-0.02%	
1119	242520 05J.FERR 500 242514 05J.FERR 765 1	242520	05J.FERR	242514	05J.FERR	1	500/765	205	AEP	1635	1845	Base Case	0	395.6	-	24.19	0	0.47%	0.47%	9.26%	
1120	238586 02BRKSID 138 238938 02MADISN 138 1	238586	02BRKSID	238938	02MADISN	1	138	202	ATSI	153	192	Base Case	0	37	-	24.18	0	0.11%	0.11%	-0.04%	
1121	238906 02LNGVEW 138 239196 02ARM+BU 138 1	238906	02LNGVEW	239196	02ARM+BU	1	138	202	ATSI	225	295	Base Case	0	-54.4	-	24.16	0	-0.26%	-0.26%	0.03%	
1122	243322 05KENZIE 138 939390 AE1-170 POI 138 1	243322	05KENZIE	939390	AE1-170 POI	1	138	205	AEP	296	361	Base Case	0	71.5	-	24.15	0	-0.01%	-0.01%	0.00%	
1123	243261 05COLBYTAPSS 138 939390 AE1-170 POI 138 1	243261	05COLBYTAPSS	939390	AE1-170 POI	1	138	205	AEP	296	361	Base Case	0	-71.5	-	24.15	0	-0.01%	-0.01%	0.00%	
1124	243542 05MIFFIN 138 243575 05ST.CLR 138 1	243542	05MIFFIN	243575	05ST.CLR	1	138	205	AEP	209	209	Base Case	0	50.4	-	24.14	0	0.07%	0.07%	0.00%	
1125	243250 05BENTON 138 243271 05CRYSTA 138 1	243250	05BENTON	243271	05CRYSTA	1	138	205	AEP	296	361	Base Case	0	71.3	-	24.1	0	0.05%	0.05%	0.00%	
1126	249998 08CMMSVL 138 250072 08MTCHL1 138 1	249998	08CMMSVL	250072	08MTCHL1	1	138	212	DEO&K	267	267	Base Case	0	-64.3	-	24.07	0	-0.01%	-0.01%	-0.02%	
1127	238832 02JACKMA 138 240978 02AJ-MOD 138 1	238832	02JACKMA	240978	02AJ-MOD	1	138	202	ATSI	158	190	Base Case	0	-38	-	24.07	0	-0.07%	-0.07%	0.01%	
1128	246999 05SORENS 765 243232 05SORENS 345 3	246999	05SORENS	243232	05SORENS	3	765/345	205	AEP	2742	3097	Base Case	0	658	-	24	0	0.96%	0.96%	0.60%	
1129	238914 02LRCRQ3 138 238917 02STACY 138 1	238914	02LRCRQ3	238917	02STACY	1	138	202	ATSI	200	242	Base Case	0	48	-	23.99	0	-0.09%	-0.09%	0.02%	
1130	242704 05LOGAN1 138 242752 05PINCKZ 138 1	242704	05LOGAN1	242752	05PINCKZ	1	138	205	AEP	167	167	Base Case	0	40.1	-	23.99	0	0.06%	0.06%	0.04%	
1131	238607 02CARLIL 345 238608 02CARLIL 138 1	238607	02CARLIL	238608	02CARLIL	1	345/138	202	ATSI	577	686	Base Case	0	138.3	-	23.98	0	0.14%	0.14%	0.07%	
1132	238781 02HANNA 345 242932 05CANTNC 345 1	238781	02HANNA	242932	05CANTNC	1	345	202/205	ATSI/AEP	1409	1409	Base Case	0	-337.3	-	23.94	0	-0.80%	-0.80%	0.82%	
1133	246399 05GLOBE MT Z 138 247370 05MUSKNG1A 138 ZT	246399	05GLOBE MT Z	247370	05MUSKNG1A	ZT	138	205	AEP	187	240	Base Case	0	-44.8	-	23.94	0	0.10%	0.10%	0.06%	
1134	243490 05CORNER 138 243554 05PORTER 138 1	243490	05CORNER	243554	05PORTER	1	138	205	AEP	131	143	Base Case	0	31.3	-	23.93	0	0.00%	0.00%	0.00%	
1135	243243 05ANDCT 138 243392 05WEBSTR 138 1	243243	05ANDCT	243392	05WEBSTR	1	138	205	AEP	183	183	Base Case	0	43.8	-	23.92	0	-0.01%	-0.01%	0.00%	
1136	242708 05M FUNK 138 243874 05TECHDR 138 1	242708	05M FUNK	243874	05TECHDR	1	138	205	AEP	167	167	Base Case	0	39.9	-	23.88	0	0.13%	0.13%	0.11%	
1137	242568 05BROOKV 138 242785 05S.LYNC 138 1	242568	05BROOKV	242785	05S.LYNC	1	138	205	AEP	167	245	Base Case	0	-39.8	-	23.86	0	-0.02%	-0.02%	0.10%	
1138	242546 05BAILS1 138 242855 05WYOMIN 138 1	242546	05BAILS1	242855	05WYOMIN	1	138	205	AEP	388	484	Base Case	0	-92.5	-	23.85	0	0.01%	0.01%	-0.04%	
1139	238530 02ALLEN 345 239344 02ALLEN-2 138 3	238530	02ALLEN	239344	02ALLEN-2	3	345/138	202	ATSI	576	651	Base Case	0	137.3	-	23.85	0	-0.07%	-0.07%	0.01%	
1140	238575 02BLUBEL 138 242980 05CANTNC 138 1	238575	02BLUBEL	242980	05CANTNC	1	138	202/205	ATSI/AEP	257	338	Base Case	0	-61.3	-	23.84	0	-0.36%	-0.36%	0.15%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1141	238891 02LESIDE 138 239195 02MILIRN 138 1	238891	02LESIDE	239195	02MILIRN	1	138	202	ATSI	161	194	Base Case	0	38.4	-	23.83	0	-0.23%	-0.23%	0.04%	
1142	243495 05DAVIDS 138 243560 05ROBERT 138 1	243495	05DAVIDS	243560	05ROBERT	1	138	205	AEP	335	366	Base Case	0	-79.8	-	23.82	0	-0.04%	-0.04%	0.00%	
1143	238896 02LIMECT 138 239371 02DOWLING 138 1	238896	02LIMECT	239371	02DOWLING	1	138	202	ATSI	288	353	Base Case	0	-68.6	-	23.82	0	-0.03%	-0.03%	0.01%	
1144	242539 05ANGLBR 138 242672 05HOPKINSX 138 1	242539	05ANGLBR	242672	05HOPKINSX	1	138	205	AEP	272	335	Base Case	0	64.7	-	23.78	0	-0.01%	-0.01%	-0.19%	
1145	242951 05ADDISONZ 138 243126 05THIVENER1Z 138 1	242951	05ADDISONZ	243126	05THIVENER1Z	1	138	205	AEP	167	245	Base Case	0	-39.7	-	23.77	0	-0.02%	-0.02%	0.10%	
1146	238941 02MANSFD 345 239358 02GLENWILLOW 345 1	238941	02MANSFD	239358	02GLENWILLOW	1	345	202	ATSI	1380	1646	Base Case	0	327.9	-	23.76	0	0.26%	0.26%	0.17%	
1147	244070 05JUNE ROAD 138 247704 05PANDA RDSS 138 1	244070	05JUNE ROAD	247704	05PANDA RDSS	1	138	205	AEP	296	409	Base Case	0	-70.3	-	23.75	0	0.10%	0.10%	0.02%	
1148	243856 05JUG ST 1-6 138 246385 05JUGST 7-11 138 Z2	243856	05JUG ST 1-6	246385	05JUGST 7-11	Z2	138	205	AEP	747	747	Base Case	0	177.3	-	23.73	0	0.00%	0.00%	0.00%	
1149	238575 02BLUBEL 138 238864 02KNOX 138 1	238575	02BLUBEL	238864	02KNOX	1	138	202	ATSI	153	199	Base Case	0	36.3	-	23.73	0	0.03%	0.03%	-0.02%	
1150	242708 05M FUNK 138 245845 05MFUNK1_XFL 138 Z1	242708	05M FUNK	245845	05MFUNK1_XFL	Z1	138	205	AEP	696	747	Base Case	0	-165.1	-	23.72	0	0.04%	0.04%	-0.36%	
1151	235311 01CARNEG 138 243347 05TIDD 3-4 138 1	235311	01CARNEG	243347	05TIDD 3-4	1	138	201/205	AP/AEP	187	240	Base Case	0	-44.4	-	23.72	0	-0.40%	-0.40%	-0.02%	
1152	243246 05AUBUNC 138 243247 05AUBURN 138 1	243246	05AUBUNC	243247	05AUBURN	1	138	205	AEP	251	335	Base Case	0	-59.5	-	23.71	0	0.05%	0.05%	0.03%	
1153	242853 05WURNO 138 934750 AD1-102 TAP 138 1	242853	05WURNO	934750	AD1-102 TAP	1	138	205	AEP	251	251	Base Case	0	59.4	-	23.68	0	-0.11%	-0.11%	-0.16%	
1154	242609 05CLYTR2 138 934750 AD1-102 TAP 138 1	242609	05CLYTR2	934750	AD1-102 TAP	1	138	205	AEP	251	251	Base Case	0	-59.3	-	23.63	0	-0.11%	-0.11%	-0.16%	
1155	250041 08HAMLTN 138 250096 08SEWARD 138 1	250041	08HAMLTN	250096	08SEWARD	1	138	212	DEO&K	291	291	Base Case	0	-68.7	-	23.61	0	0.01%	0.01%	0.00%	
1156	238781 02HANNA 345 253902 15BVRVAL 345 1	238781	02HANNA	253902	15BVRVAL	1	345	202/215	ATSI/DLCO	1486	1739	Base Case	0	-350.5	-	23.58	0	0.45%	0.45%	0.04%	
1157	239369 02TORONTO 138 240214 02PENNANTTAP 138 1	239369	02TORONTO	240214	02PENNANTTAP	1	138	202	ATSI	278	339	Base Case	0	65.5	-	23.57	0	-0.01%	-0.01%	0.06%	
1158	243211 05ALLEN 345 243232 05SORENS 345 1	243211	05ALLEN	243232	05SORENS	1	345	205	AEP	897	897	Base Case	0	-211.3	-	23.56	0	-0.19%	-0.19%	0.07%	
1159	243773 05LTV1 138 246267 05WAGENHALS1 138 1	243773	05LTV1	246267	05WAGENHALS1	1	138	205	AEP	296	296	Base Case	0	-69.7	-	23.55	0	0.00%	0.00%	0.00%	
1160	238661 02DKQ-16 138 238741 02FWLSQ3 138 1	238661	02DKQ-16	238741	02FWLSQ3	1	138	202	ATSI	237	287	Base Case	0	-55.8	-	23.54	0	0.02%	0.02%	0.00%	
1161	242523 05BAKER 345 242529 05TRISTA 345 1	242523	05BAKER	242529	05TRISTA	1	345	205	AEP	1409	1409	Base Case	0	331.6	-	23.53	0	0.07%	0.07%	0.81%	
1162	243143 05WBELLA 138 247756 05GLENCOE 138 1	243143	05WBELLA	247756	05GLENCOE	1	138	205	AEP	296	413	Base Case	0	69.7	-	23.53	0	0.07%	0.07%	0.00%	
1163	253077 09STUART 345 342838 7SPURLOCK 345 1	253077	09STUART	342838	7SPURLOCK	1	345	209/320	DAY/EKPC	1240	1532	Base Case	0	-291.6	-	23.52	0	-1.04%	-1.04%	0.03%	
1164	242630 05E.RIVE 138 242786 05S.PRINCETN 138 1	242630	05E.RIVE	242786	05S.PRINCETN	1	138	205	AEP	205	205	Base Case	0	48.2	-	23.51	0	-0.08%	-0.08%	-0.08%	
1165	250099 08SIMPSN 138 250120 08TWYMI2 138 1	250099	08SIMPSN	250120	08TWYMI2	1	138	212	DEO&K	298	298	Base Case	0	-69.9	-	23.47	0	0.05%	0.05%	0.03%	
1166	243304 05GUARDN 138 243385 05TWIN B 138 1	243304	05GUARDN	243385	05TWIN B	1	138	205	AEP	251	330	Base Case	0	-58.9	-	23.47	0	-0.09%	-0.09%	-0.06%	
1167	242854 05W.WELCH SS 138 242855 05WYOMIN 138 1	242854	05W.WELCH SS	242855	05WYOMIN	1	138	205	AEP	335	392	Base Case	0	-78.6	-	23.47	0	-0.05%	-0.05%	-0.30%	
1168	238768 02GRNFLD 138 239290 02HAYES 138 2	238768	02GRNFLD	239290	02HAYES	2	138	202	ATSI	233	282	Base Case	0	-54.7	-	23.46	0	-0.02%	-0.02%	-0.01%	
1169	242818 05STOTES 138 242824 05TAMSM1 138 1	242818	05STOTES	242824	05TAMSM1	1	138	205	AEP	150	180	Base Case	0	-35.2	-	23.44	0	-0.04%	-0.04%	-0.10%	
1170	242787 05MIDDLEB SS 138 253111 09MIDDLE 138 Z1	242787	05MIDDLEB SS	253111	09MIDDLE	Z1	138	205/209	AEP/DAY	196	224	Base Case	0	45.9	-	23.42	0	0.07%	0.07%	0.12%	
1171	238588 02BRNSWK 138 239125 02STONEY 138 1	238588	02BRNSWK	239125	02STONEY	1	138	202	ATSI	233	282	Base Case	0	54.5	-	23.41	0	-0.13%	-0.13%	-0.01%	
1172	242527 05M FUNK 345 247470 05MFUNK2_XFL 138 2	242527	05M FUNK	247470	05MFUNK2_XFL	2	345/138	205	AEP	732	828	Base Case	0	171.3	-	23.41	0	0.05%	0.05%	-0.38%	
1173	238629 02CLVRDL 138 239354 02HARMON 138 2	238629	02CLVRDL	239354	02HARMON	2	138	202	ATSI	448	516	Base Case	0	-104.8	-	23.4	0	0.00%	0.00%	0.07%	
1174	238629 02CLVRDL 138 239354 02HARMON 138 1	238629	02CLVRDL	239354	02HARMON	1	138	202	ATSI	448	516	Base Case	0	-104.8	-	23.39	0	0.00%	0.00%	0.07%	
1175	238530 02ALLEN 345 238500 02ALLEN-1 138 1	238530	02ALLEN	238500	02ALLEN-1	1	345/138	202	ATSI	492	632	Base Case	0	114.9	-	23.35	0	-0.06%	-0.06%	0.01%	
1176	244868 05BRICE 138 246760 05REFUGE 138 1	244868	05BRICE	246760	05REFUGE	1	138	205	AEP	191	222	Base Case	0	-44.6	-	23.35	0	-0.03%	-0.03%	0.01%	
1177	242684 05J.FERR 138 242859 05WYTHE2 138 1	242684	05J.FERR	242859	05WYTHE2	1	138	205	AEP	287	337	Base Case	0	67	-	23.33	0	0.06%	0.06%	0.20%	
1178	238569 02BEAVER 345 239289 02HAYES 345 1	238569	02BEAVER	239289	02HAYES	1	345	202	ATSI	1508	1844	Base Case	0	-351.6	-	23.32	0	-1.92%	-1.92%	-0.27%	
1179	242959 05BELDVL 138 244943 05PACKARD BP 138 1	242959	05BELDVL	244943	05PACKARD BP	1	138	205	AEP	251	327	Base Case	0	-58.5	-	23.3	0	0.02%	0.02%	0.01%	
1180	242509 05AXTON 765 242545 05AXTONX 138 1	242509	05AXTON	242545	05AXTONX	1	765/138	205	AEP	801	906	Base Case	0	186.5	-	23.28	0	-0.56%	-0.55%	-4.33%	
1181	239079 02S EAST 138 239242 02HOLT-A 138 1	239079	02S EAST	239242	02HOLT-A	1	138	202	ATSI	194	237	Base Case	0	-45.1	-	23.27	0	0.07%	0.07%	0.00%	
1182	243222 05FALL C 345 243292 05FALL C 138 2	243222	05FALL C	243292	05FALL C	2	345/138	205	AEP	713	765	Base Case	0	165.8	-	23.26	0	-0.03%	-0.03%	0.03%	
1183	253005 09BATH 138 253106 09NCARLI 138 1	253005	09BATH	253106	09NCARLI	1	138	209	DAY	301	374	Base Case	0	69.9	-	23.21	0	0.04%	0.04%	0.04%	
1184	246187 05WARTON H2 138 246191 05WARTON MKW 138 Z1	246187	05WARTON H2	246191	05WARTON MKW	Z1	138	205	AEP	293	341	Base Case	0	68	-	23.21	0	0.00%	0.00%	0.00%	
1185	242984 05CHATFL 138 932050 AC2-015 TAP 138 1	242984	05CHATFL	932050	AC2-015 TAP	1	138	205	AEP	136	167	Base Case	0	31.5	-	23.15	0	-0.12%	-0.12%	-0.09%	
1186	243024 05HOWARD 138 932050 AC2-015 TAP 138 1	243024	05HOWARD	932050	AC2-015 TAP	1	138	205	AEP	136	167	Base Case	0	-31.4	-	23.11	0	-0.12%	-0.12%	-0.09%	
1187	241929 02AVQ3 138 241930 02AVQ4 138 1	241929	02AVQ3	241930	02AVQ4	1	138	202	ATSI	999	999	Base Case	0	-230.8	-	23.11	0	-0.56%	-0.56%	-0.07%	
1188	242720 05MONETA 138 243892 05MEADS8 138 1	242720	05MONETA	243892	05MEADS8	1	138	205	AEP	409	409	Base Case	0	94.5	-	23.1	0	-0.06%	-0.06%	0.94%	
1189	240348 02GROVWDQ13 138 241935 02CLINTON 138 ZL	240348	02GROVWDQ13	241935	02CLINTON	ZL	138	202	ATSI	347	423	Base Case	0	-80.1	-	23.09	0	0.00%	0.00%	0.00%	
1190	245977 05GRISTMILL 345 245983 05GRISTMILL 138 1	245977	05GRISTMILL	245983	05GRISTMILL	1	345/138	205	AEP	450	450	Base Case	0	103.9	-	23.08	0	0.01%	0.01%	0.04%	
1191	238746 02GALION 138 239308 02MR-ETH 138 1	238746	02GALION	239308	02MR-ETH	1	138	202	ATSI	161	194	Base Case	0	37.1	-	23.03	0	0.07%	0.07%	-0.08%	
1192	242719 05MONEL 138 242765 05REUSENS1 138 1	242719	05MONEL	242765	05REUSENS1	1	138	205	AEP	388	409	Base Case	0	89.3	-	23.02	0	-0.06%	-0.06%	-0.50%	
1193	243674 05BELHAV 138 243681 05CHADWICK1 138 1	243674	05BELHAV	243681	05CHADWICK1	1	138	205	AEP	251	251	Base Case	0	-57.7	-	23	0	0.02%	0.02%	0.05%	
1194	243139 05WAGENHALS2 138 246267 05WAGENHALS1 138 Z1	243139	05WAGENHALS2	246267	05WAGENHALS1	Z1	138	205	AEP	329	361	Base Case	0	-75.6	-	22.99	0	-0.13%	-0.13%	0.03%	
1195	242641 05FOREST 138 242734 05NEWLDN 138 1	242641	05FOREST	242734	05NEWLDN	1	138	205	AEP	167	240	Base Case	0	-38.4	-	22.98	0	-0.01%	-0.01%	0.51%	
1196	243532 05KIRK 138 244020 05MINK 138 1	243532	05KIRK	244020	05MINK	1	138	205	AEP	338	338	Base Case	0	77.7	-	22.98	0	0.03%	0.03%	0.00%	
1197	242537 05AMOS 138 242617 05DALEWD 138 1	242537	05AMOS	242617	05DALEWD	1	138	205	AEP	296	398	Base Case	0	68	-	22.97	0	-0.05%	-0.05%	-0.06%	
1198	244866 05THORPE SS 138 247152 05GARY 138 1	244866	05THORPE SS	247152	05GARY	1	138	205	AEP	296	398	Base Case	0	-67.8	-	22.89	0	-0.11%	-0.11%	-0.29%	
1199	238772 02GTQ-12 138 238793 02HDGQ12 138 1	238772	02GTQ-12	238793	02HDGQ12	1	138	202	ATSI	273	332	Base Case	0	-62.5	-	22.88	0	0.09%	0.09%	0.01%	
1200	250050 08KMPER1 138 250082 08P.UN1 138 1	250050	08KMPER1	250082	08P.UN1	1	138	212	DEO&K	299	299	Base Case	0	-68.4	-	22.87	0	0.01%	0.01%	-0.02%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1201	242512 05CLOVRD 765 242514 05J.FERR 765 1	242512	05CLOVRD	242514	05J.FERR	1	765	205	AEP	3859	3859	Base Case	0	-881.3	-	22.84	0	-4.53%	-4.53%	-5.49%	
1202	238570 02BEAVER 138 241932 02AMH.MUN2 138 1	238570	02BEAVER	241932	02AMH.MUN2	1	138	202	ATSI	498	573	Base Case	0	113.6	-	22.81	0	-0.29%	-0.29%	-0.02%	
1203	247106 05VARNER 138 247108 05SOWERS 138 1	247106	05VARNER	247108	05SOWERS	1	138	205	AEP	257	360	Base Case	0	58.6	-	22.8	0	-0.14%	-0.14%	0.01%	
1204	253057 09OHH 138 253111 09MIDDLE 138 1	253057	09OHH	253111	09MIDDLE	1	138	209	DAY	185	185	Base Case	0	-42.2	-	22.8	0	0.07%	0.07%	0.12%	
1205	242556 05BLUEFLD AV 138 242707 05LOWESM 138 1	242556	05BLUEFLD AV	242707	05LOWESM	1	138	205	AEP	251	251	Base Case	0	-57.2	-	22.78	0	-0.13%	-0.13%	-0.26%	
1206	243134 05W.CANTON1 138 245797 05W.CANTON2 138 Z1	243134	05W.CANTON1	245797	05W.CANTON2	Z1	138	205	AEP	424	487	Base Case	0	96.5	-	22.76	0	-0.03%	-0.03%	0.08%	
1207	242979 05CANNELV SS 138 246010 05PHILO2 138 1	242979	05CANNELV SS	246010	05PHILO2	1	138	205	AEP	223	310	Base Case	0	-50.8	-	22.76	0	0.23%	0.23%	-0.10%	
1208	238586 02BRKSID 138 238906 02LNGVEW 138 1	238586	02BRKSID	238906	02LNGVEW	1	138	202	ATSI	153	192	Base Case	0	34.8	-	22.75	0	0.11%	0.11%	-0.04%	
1209	243051 05NDELPH 138 247864 05LOGTOWN 138 1	243051	05NDELPH	247864	05LOGTOWN	1	138	205	AEP	296	413	Base Case	0	-67.2	-	22.7	0	-0.16%	-0.16%	-0.07%	
1210	242924 05HANG R 765 242927 05MARQUI 765 1	242924	05HANG R	242927	05MARQUI	1	765	205	AEP	4047	4571	Base Case	0	917.4	-	22.67	0	0.80%	0.80%	2.40%	
1211	242738 05OREBANK_BP 138 242850 05WOLFH1 138 1	242738	05OREBANK_BP	242850	05WOLFH1	1	138	205	AEP	167	167	Base Case	0	-37.9	-	22.66	0	0.03%	0.03%	-0.07%	
1212	243481 05CANAL 138 243586 05WHITER 138 1	243481	05CANAL	243586	05WHITER	1	138	205	AEP	209	209	Base Case	0	-47.4	-	22.66	0	-0.07%	-0.07%	-0.03%	
1213	243085 05S CAD 138 247016 05GABLSS 138 1	243085	05S CAD	247016	05GABLSS	1	138	205	AEP	185	185	Base Case	0	-41.9	-	22.65	0	0.21%	0.21%	-0.05%	
1214	243138 05W.LIBERTYZ 138 243347 05TIDD 3-4 138 2	243138	05W.LIBERTYZ	243347	05TIDD 3-4	2	138	205	AEP	187	205	Base Case	0	-42.4	-	22.65	0	0.15%	0.15%	-0.10%	
1215	243497 05DELANO 138 247862 05TUSCANY 138 1	243497	05DELANO	247862	05TUSCANY	1	138	205	AEP	383	449	Base Case	0	86.8	-	22.65	0	-0.02%	-0.02%	0.09%	
1216	238819 02ILQ-12 138 239050 02PV Q2 138 1	238819	02ILQ-12	239050	02PV Q2	1	138	202	ATSI	225	295	Base Case	0	-51	-	22.64	0	-0.09%	-0.09%	-0.01%	
1217	238871 02KY-HS 138 239154 02W.FREM 138 1	238871	02KY-HS	239154	02W.FREM	1	138	202	ATSI	251	290	Base Case	0	-56.7	-	22.59	0	-0.04%	-0.04%	-0.01%	
1218	238985 02NASQ18 138 240248 02DLQ-18 138 1	238985	02NASQ18	240248	02DLQ-18	1	138	202	ATSI	137	174	Base Case	0	-30.9	-	22.58	0	-0.01%	-0.01%	0.00%	
1219	238557 02B.M.F. 138 238715 02FERNWY 138 1	238557	02B.M.F.	238715	02FERNWY	1	138	202	ATSI	212	239	Base Case	0	-47.7	-	22.51	0	0.03%	0.03%	0.00%	
1220	238597 02CADQ17 138 238984 02NASQ17 138 1	238597	02CADQ17	238984	02NASQ17	1	138	202	ATSI	137	174	Base Case	0	30.8	-	22.49	0	-0.02%	-0.02%	0.00%	
1221	242945 05SW LIM 345 243122 05SW LIM 138 2	242945	05SW LIM	243122	05SW LIM	2	345/138	205	AEP	495	544	Base Case	0	111.3	-	22.48	0	0.06%	0.06%	0.11%	
1222	238853 02KDTPQ1 138 239001 02NFLDQ1 138 1	238853	02KDTPQ1	239001	02NFLDQ1	1	138	202	ATSI	273	332	Base Case	0	-61.3	-	22.47	0	-0.14%	-0.14%	0.05%	
1223	239030 02OTTAWA 138 239154 02W.FREM 138 1	239030	02OTTAWA	239154	02W.FREM	1	138	202	ATSI	251	290	Base Case	0	-56.4	-	22.47	0	-0.04%	-0.04%	-0.01%	
1224	243099 05SHAWNR 138 243122 05SW LIM 138 1	243099	05SHAWNR	243122	05SW LIM	1	138	205	AEP	335	388	Base Case	0	-75.2	-	22.44	0	0.10%	0.10%	0.12%	
1225	243217 05DEQUIN 345 243878 05MEADOW 345 1	243217	05DEQUIN	243878	05MEADOW	1	345	205	AEP	1409	1959	Base Case	0	316.2	-	22.44	0	0.09%	0.09%	0.45%	
1226	238853 02KDTPQ1 138 238882 02LE Q-1 138 1	238853	02KDTPQ1	238882	02LE Q-1	1	138	202	ATSI	273	332	Base Case	0	61.2	-	22.42	0	0.00%	0.00%	0.00%	
1227	238570 02BEAVER 138 238845 02JONSON 138 1	238570	02BEAVER	238845	02JONSON	1	138	202	ATSI	233	282	Base Case	0	52.1	-	22.37	0	-0.20%	-0.20%	-0.02%	
1228	242607 05CLOVRD 138 244746 05MT.UNION 138 1	242607	05CLOVRD	244746	05MT.UNION	1	138	205	AEP	251	335	Base Case	0	56.1	-	22.37	0	0.01%	0.01%	0.00%	
1229	242585 05CAVE SPR1Z 138 246981 05SUNSCA 138 1	242585	05CAVE SPR1Z	246981	05SUNSCA	1	138	205	AEP	187	240	Base Case	0	-41.8	-	22.36	0	0.05%	0.05%	0.36%	
1230	242849 05W.KINGSPT1 138 245220 05W.KINGSPT2 138 Z1	242849	05W.KINGSPT1	245220	05W.KINGSPT2	Z1	138	205	AEP	307	307	Base Case	0	-68.6	-	22.36	0	-0.01%	-0.01%	0.04%	
1231	242523 05BAKER 345 243670 05BAKER 138 2	242523	05BAKER	243670	05BAKER	2	345/138	205	AEP	805	861	Base Case	0	179.9	-	22.35	0	0.19%	0.19%	0.11%	
1232	246606 05WETZEL SS 138 247165 05SRUNSS 138 1	246606	05WETZEL SS	247165	05SRUNSS	1	138	205	AEP	226	286	Base Case	0	50.5	-	22.34	0	0.00%	0.00%	0.00%	
1233	238629 02CLVRDL 138 239123 02STAR 138 1	238629	02CLVRDL	239123	02STAR	1	138	202	ATSI	233	282	Base Case	0	51.9	-	22.29	0	-0.02%	-0.02%	0.09%	
1234	238871 02KY-HS 138 239030 02OTTAWA 138 1	238871	02KY-HS	239030	02OTTAWA	1	138	202	ATSI	251	290	Base Case	0	55.9	-	22.28	0	-0.04%	-0.04%	-0.01%	
1235	238569 02BEAVER 345 239725 02LAKEAVE 345 1	238569	02BEAVER	239725	02LAKEAVE	1	345	202	ATSI	1380	1646	Base Case	0	307.3	-	22.26	0	-1.29%	-1.29%	-0.09%	
1236	238854 02KDTPQ3 138 238883 02LE Q-3 138 1	238854	02KDTPQ3	238883	02LE Q-3	1	138	202	ATSI	273	332	Base Case	0	60.7	-	22.25	0	0.00%	0.00%	0.00%	
1237	242739 05OREBANK 138 242798 05SHORT 138 1	242739	05OREBANK	242798	05SHORT	1	138	205	AEP	187	205	Base Case	0	-41.6	-	22.23	0	-0.01%	-0.01%	-0.05%	
1238	243161 05ZANESV 138 247083 05NPHISS 138 1	243161	05ZANESV	247083	05NPHISS	1	138	205	AEP	150	212	Base Case	0	-33.3	-	22.2	0	0.13%	0.13%	0.02%	
1239	243318 05JACKSON RD 138 243385 05TWIN B 138 2	243318	05JACKSON RD	243385	05TWIN B	2	138	205	AEP	185	255	Base Case	0	41.1	-	22.2	0	-0.05%	-0.05%	-0.04%	
1240	238586 02BRKSID 138 239195 02MILIRN 138 1	238586	02BRKSID	239195	02MILIRN	1	138	202	ATSI	153	192	Base Case	0	-33.9	-	22.15	0	-0.23%	-0.23%	0.04%	
1241	238528 02AETNA 138 238707 02EVANS 138 1	238528	02AETNA	238707	02EVANS	1	138	202	ATSI	233	282	Base Case	0	-51.6	-	22.15	0	0.10%	0.10%	0.07%	
1242	238845 02JONSON 138 239726 02LAKEAVE 138 2	238845	02JONSON	239726	02LAKEAVE	2	138	202	ATSI	160	192	Base Case	0	-35.4	-	22.14	0	0.05%	0.05%	-0.02%	
1243	250013 08DIMICK 138 250083 08P.UN2 138 1	250013	08DIMICK	250083	08P.UN2	1	138	212	DEO&K	198	198	Base Case	0	-43.8	-	22.13	0	-0.05%	-0.05%	-0.03%	
1244	238821 02INLAND 345 239358 02GLENWILLOW 345 1	238821	02INLAND	239358	02GLENWILLOW	1	345	202	ATSI	1542	1878	Base Case	0	-340.8	-	22.1	0	0.47%	0.47%	-0.11%	
1245	239280 02CRNBRY 500 239281 02CRNBRY 138 2	239280	02CRNBRY	239281	02CRNBRY	2	500/138	202	ATSI	751	902	Base Case	0	165.7	-	22.06	0	0.76%	0.76%	0.10%	
1246	239280 02CRNBRY 500 239281 02CRNBRY 138 1	239280	02CRNBRY	239281	02CRNBRY	1	500/138	202	ATSI	751	902	Base Case	0	165.7	-	22.06	0	0.76%	0.76%	0.10%	
1247	243068 05NZANEV 138 243161 05ZANESV 138 1	243068	05NZANEV	243161	05ZANESV	1	138	205	AEP	205	284	Base Case	0	45.2	-	22.04	0	-0.06%	-0.06%	-0.06%	
1248	243572 05SHANON 138 244232 05SHANONRSS8 138 Z1	243572	05SHANON	244232	05SHANONRSS8	Z1	138	205	AEP	329	350	Base Case	0	-72.5	-	22.03	0	-0.01%	-0.01%	0.01%	
1249	238854 02KDTPQ3 138 239003 02NFLDQ3 138 1	238854	02KDTPQ3	239003	02NFLDQ3	1	138	202	ATSI	273	332	Base Case	0	-60.1	-	22.03	0	-0.14%	-0.14%	0.04%	
1250	242619 05DANVL1 138 242771 05RIVERS 138 1	242619	05DANVL1	242771	05RIVERS	1	138	205	AEP	251	251	Base Case	0	55.3	-	22.01	0	-0.03%	-0.03%	-0.27%	
1251	239134 02TANGY 138 240706 02NATIONAL 138 1	239134	02TANGY	240706	02NATIONAL	1	138	202	ATSI	233	282	Base Case	0	51.3	-	22	0	0.05%	0.05%	-0.01%	
1252	243674 05BELHAV 138 243676 05BELLF2 138 1	243674	05BELHAV	243676	05BELLF2	1	138	205	AEP	219	251	Base Case	0	48	-	21.92	0	0.02%	0.02%	0.05%	
1253	238733 02FOXQ12 138 241935 02CLINTON 138 1	238733	02FOXQ12	241935	02CLINTON	1	138	202	ATSI	347	423	Base Case	0	75.8	-	21.83	0	0.10%	0.10%	0.02%	
1254	242573 05CABELL 138 242866 05MERRIT 138 1	242573	05CABELL	242866	05MERRIT	1	138	205	AEP	167	167	Base Case	0	-36.5	-	21.83	0	-0.07%	-0.07%	-0.05%	
1255	242842 05W HUNT 138 244462 05SHOALS 138 1	242842	05W HUNT	244462	05SHOALS	1	138	205	AEP	335	392	Base Case	0	73.1	-	21.83	0	-0.05%	-0.05%	-0.14%	
1256	238531 02ALLNJ 138 239129 02SYLVNA 138 1	238531	02ALLNJ	239129	02SYLVNA	1	138	202	ATSI	308	376	Base Case	0	67.2	-	21.8	0	-0.05%	-0.05%	0.01%	
1257	243254 05BURNWO 138 247433 05CHARGER 138 1	243254	05BURNWO	247433	05CHARGER	1	138	205	AEP	251	335	Base Case	0	-54.7	-	21.79	0	-0.09%	-0.09%	-0.06%	
1258	238530 02ALLEN 345 256583 18MOROCCO 345 1	238530	02ALLEN	256583	18MOROCCO	1	345	202/218	ATSI/METC	1517	1793	Base Case	0	-330.1	-	21.76	0	-0.86%	-0.86%	-0.15%	
1259	249989 08BKJ246 138 250000 08COLDSP 138 1	249989	08BKJ246	250000	08COLDSP	1	138	212	DEO&K	264	264	Base Case	0	57.4	-	21.74	0	0.03%	0.03%	0.01%	
1260	242823 05TACKCR 138 242836 05TURNE1 138 1	242823	05TACKCR	242836	05TURNE1	1	138	205	AEP	296	296	Base Case	0	64.3	-	21.73	0	-0.06%	-0.06%	-0.07%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1261	243297 05GERMAN 138 243353 05OLIVE 138 1	243297	05GERMAN	243353	05OLIVE	1	138	205	AEP	257	330	Base Case	0	-55.8	-	21.73	0	-0.09%	-0.09%	-0.06%	
1262	242646 05FT.ROB SS 138 245802 05FT.ROBINSN 138 Z1	242646	05FT.ROB SS	245802	05FT.ROBINSN	Z1	138	205	AEP	164	180	Base Case	0	35.6	-	21.7	0	0.00%	0.00%	0.01%	
1263	243688 05S.PORT MTR 138 244686 05VANCEBURG 138 Z1	243688	05S.PORT MTR	244686	05VANCEBURG	Z1	138	205	AEP	29	29	Base Case	0	6.3	-	21.67	0	0.00%	0.00%	0.00%	
1264	242765 05REUSENS1 138 246229 05REUSENS2 138 Z1	242765	05REUSENS1	246229	05REUSENS2	Z1	138	205	AEP	136	167	Base Case	0	29.5	-	21.67	0	-0.10%	-0.10%	-0.11%	
1265	243312 05HUMMEL 138 243367 05ROCKCR 138 1	243312	05HUMMEL	243367	05ROCKCR	1	138	205	AEP	251	273	Base Case	0	54.3	-	21.64	0	-0.03%	-0.03%	0.04%	
1266	243217 05DEQUIN 345 243878 05MEADOW 345 2	243217	05DEQUIN	243878	05MEADOW	2	345	205	AEP	1409	1959	Base Case	0	304.8	-	21.63	0	0.09%	0.09%	0.43%	
1267	242925 05KAMMER 765 242937 05KAMMER 345 4	242925	05KAMMER	242937	05KAMMER	4	765/345	205	AEP	1678	1868	Base Case	0	362.9	-	21.63	0	-0.22%	-0.22%	1.78%	
1268	242609 05CLYTR2 138 242721 05MORGAN 138 1	242609	05CLYTR2	242721	05MORGAN	1	138	205	AEP	167	167	Base Case	0	36.1	-	21.62	0	0.07%	0.07%	0.27%	
1269	242572 05BURLHT 138 242607 05CLOVRD 138 1	242572	05BURLHT	242607	05CLOVRD	1	138	205	AEP	219	223	Base Case	0	-47.3	-	21.61	0	0.11%	0.11%	0.29%	
1270	243292 05FALL C 138 246656 05PENDLETON2 138 1	243292	05FALL C	246656	05PENDLETON2	1	138	205	AEP	219	251	Base Case	0	47.3	-	21.61	0	0.00%	0.00%	0.03%	
1271	250043 08HANDS2 138 250047 08KENTN1 138 1	250043	08HANDS2	250047	08KENTN1	1	138	212	DEO&K	301	301	Base Case	0	65	-	21.6	0	0.01%	0.01%	0.01%	
1272	242529 05TRISTA 345 242835 05TRISTA 138 2	242529	05TRISTA	242835	05TRISTA	2	345/138	205	AEP	504	540	Base Case	0	108.9	-	21.6	0	0.13%	0.13%	0.13%	
1273	243049 05NATRIUM12 138 243123 05SWITZE 138 1	243049	05NATRIUM12	243123	05SWITZE	1	138	205	AEP	187	240	Base Case	0	40.4	-	21.59	0	0.14%	0.14%	-0.03%	
1274	238626 02CLAYBN 138 238873 02LAKMOR 138 1	238626	02CLAYBN	238873	02LAKMOR	1	138	202	ATSI	157	196	Base Case	0	33.9	-	21.59	0	-0.04%	-0.04%	0.05%	
1275	242674 05HUFFCK 138 242779 05RUMCKZ 138 1	242674	05HUFFCK	242779	05RUMCKZ	1	138	205	AEP	296	413	Base Case	0	63.9	-	21.58	0	0.12%	0.12%	0.30%	
1276	242964 05BOLIVA 138 243060 05NINTIE 138 1	242964	05BOLIVA	243060	05NINTIE	1	138	205	AEP	291	291	Base Case	0	62.8	-	21.57	0	0.42%	0.42%	-0.10%	
1277	239318 02HENRTA 138 239319 02CAMDEN 138 1	239318	02HENRTA	239319	02CAMDEN	1	138	202	ATSI	158	190	Base Case	0	33.9	-	21.43	0	0.08%	0.08%	-0.11%	
1278	242791 05SCHRIS 138 243874 05TECHDR 138 1	242791	05SCHRIS	243874	05TECHDR	1	138	205	AEP	158	167	Base Case	0	-33.8	-	21.42	0	0.13%	0.13%	0.11%	
1279	243242 05ALLEN 138 243877 05DAWKNS 138 1	243242	05ALLEN	243877	05DAWKNS	1	138	205	AEP	167	245	Base Case	0	35.7	-	21.41	0	0.03%	0.03%	0.02%	
1280	243207 05GRNTWN 765 243208 05JEFRSO 765 1	243207	05GRNTWN	243208	05JEFRSO	1	765	205	AEP	4047	4571	Base Case	0	-864.2	-	21.35	0	1.97%	1.97%	2.80%	
1281	243572 05SHANON 138 246760 05REFUGE 138 1	243572	05SHANON	246760	05REFUGE	1	138	205	AEP	209	209	Base Case	0	44.6	-	21.35	0	-0.01%	-0.01%	0.01%	
1282	242951 05ADDISONZ 138 243013 05GAVIN1 138 1	242951	05ADDISONZ	243013	05GAVIN1	1	138	205	AEP	167	167	Base Case	0	35.6	-	21.34	0	-0.02%	-0.02%	0.10%	
1283	246325 05NOTTINGH56 138 247131 05HOLLOWAY12 138 5	246325	05NOTTINGH56	247131	05HOLLOWAY12	5	138	205	AEP	278	339	Base Case	0	-59.3	-	21.33	0	-0.03%	-0.03%	0.05%	
1284	247131 05HOLLOWAY12 138 247460 05NOTTINGH34 138 6	247131	05HOLLOWAY12	247460	05NOTTINGH34	6	138	205	AEP	278	339	Base Case	0	59.3	-	21.32	0	-0.03%	-0.03%	0.05%	
1285	243242 05ALLEN 138 243391 05WAYNET 138 1	243242	05ALLEN	243391	05WAYNET	1	138	205	AEP	260	260	Base Case	0	55.4	-	21.3	0	0.08%	0.08%	0.01%	
1286	242935 05E LIMA 345 246929 05MADDOX 345 1	242935	05E LIMA	246929	05MADDOX	1	345	205	AEP	1868	1868	Base Case	0	-397.9	-	21.3	0	-1.20%	-1.20%	-0.50%	
1287	244658 05GRNTWN 138 249719 08DELCO 138 1	244658	05GRNTWN	249719	08DELCO	1	138	205/208	AEP/DEI	178	178	Base Case	0	37.9	-	21.29	0	0.01%	0.01%	-0.05%	
1288	242914 05TIDD_C_XFL 138 243129 05TIDD_C_X 138 ZC	242914	05TIDD_C_XFL	243129	05TIDD_C_X	ZC	138	205	AEP	670	783	Base Case	0	142.6	-	21.28	0	0.03%	0.03%	-0.01%	
1289	238664 02DOBINS 138 240214 02PENNANTTAP 138 1	238664	02DOBINS	240214	02PENNANTTAP	1	138	202	ATSI	278	339	Base Case	0	-59.1	-	21.24	0	-0.01%	-0.01%	0.06%	
1290	239133 02TANGY 345 239134 02TANGY 138 5	239133	02TANGY	239134	02TANGY	5	345/138	202	ATSI	516	655	Base Case	0	109.5	-	21.22	0	0.02%	0.02%	0.07%	
1291	240246 02CK Q15 138 240247 02CK TP15 138 1	240246	02CK Q15	240247	02CK TP15	1	138	202	ATSI	100	129	Base Case	0	-21.2	-	21.21	0	0.00%	0.00%	0.00%	
1292	239056 02R.M. + 138 239062 02REACMT 138 1	239056	02R.M. +	239062	02REACMT	1	138	202	ATSI	57	57	Base Case	0	12.1	-	21.21	0	0.00%	0.00%	0.00%	
1293	243585 05WAVERL 138 246942 05WARERD 138 1	243585	05WAVERL	246942	05WARERD	1	138	205	AEP	223	310	Base Case	0	47.3	-	21.2	0	0.10%	0.10%	0.07%	
1294	243471 05BETHEL 138 243560 05ROBERT 138 2	243471	05BETHEL	243560	05ROBERT	2	138	205	AEP	223	226	Base Case	0	-47.2	-	21.18	0	-0.04%	-0.04%	0.00%	
1295	243536 05LS-II 138 243539 05MARION 138 1	243536	05LS-II	243539	05MARION	1	138	205	AEP	426	426	Base Case	0	90.1	-	21.15	0	0.07%	0.07%	0.00%	
1296	242712 05MARTN2 138 242744 05PATCTR 138 1	242712	05MARTN2	242744	05PATCTR	1	138	205	AEP	293	341	Base Case	0	62	-	21.14	0	-0.03%	-0.03%	0.24%	
1297	243003 05FAYETTE Z 138 245615 05S.POINT2 138 1	243003	05FAYETTE Z	245615	05S.POINT2	1	138	205	AEP	167	167	Base Case	0	-35.3	-	21.12	0	-0.03%	-0.03%	0.07%	
1298	238551 02AVON 345 238850 02JUNIPE 345 1	238551	02AVON	238850	02JUNIPE	1	345	202	ATSI	1228	1424	Base Case	0	259.2	-	21.11	0	-1.82%	-1.82%	-0.27%	
1299	238645 02CW TP1 138 241927 02AVQ1 138 1	238645	02CW TP1	241927	02AVQ1	1	138	202	ATSI	439	516	Base Case	0	-92.6	-	21.1	0	-0.26%	-0.26%	-0.03%	
1300	246752 05VASSEL 345 246753 05VASSEL 138 3	246752	05VASSEL	246753	05VASSEL	3	345/138	205	AEP	680	847	Base Case	0	143.5	-	21.1	0	0.07%	0.07%	0.04%	
1301	238560 02BABB 138 239148 02VALLEY 138 1	238560	02BABB	239148	02VALLEY	1	138	202	ATSI	200	223	Base Case	0	42.2	-	21.08	0	-0.04%	-0.04%	0.03%	
1302	243241 05ALBION 138 243254 05BURNWO 138 1	243241	05ALBION	243254	05BURNWO	1	138	205	AEP	219	255	Base Case	0	-46.1	-	21.05	0	-0.09%	-0.09%	-0.06%	
1303	238600 02CAIRNS 138 239028 02ONTARO 138 1	238600	02CAIRNS	239028	02ONTARO	1	138	202	ATSI	317	365	Base Case	0	-66.7	-	21.03	0	-0.26%	-0.26%	0.03%	
1304	245905 05NEW LIBR2 138 247513 05BOUTWELL 138 1	245905	05NEW LIBR2	247513	05BOUTWELL	1	138	205	AEP	150	212	Base Case	0	-31.5	-	21.02	0	-0.08%	-0.08%	0.06%	
1305	242605 05CLNCHR 138 242793 05SEXTON 138 1	242605	05CLNCHR	242793	05SEXTON	1	138	205	AEP	219	223	Base Case	0	46	-	21.02	0	-0.02%	-0.02%	-0.19%	
1306	239154 02W.FREM 138 239290 02HAYES 138 1	239154	02W.FREM	239290	02HAYES	1	138	202	ATSI	278	339	Base Case	0	58.4	-	21.02	0	-0.23%	-0.23%	-0.04%	
1307	242529 05TRISTA 345 242835 05TRISTA 138 1	242529	05TRISTA	242835	05TRISTA	1	345/138	205	AEP	504	540	Base Case	0	105.9	-	21.02	0	0.12%	0.12%	0.13%	
1308	242552 05BENT M 138 242708 05M FUNK 138 1	242552	05BENT M	242708	05M FUNK	1	138	205	AEP	167	224	Base Case	0	-35.1	-	21.02	0	-0.07%	-0.07%	-0.42%	
1309	243543 05MILLCR 138 247804 05DEVOLA 138 1	243543	05MILLCR	247804	05DEVOLA	1	138	205	AEP	244	282	Base Case	0	51.2	-	21	0	0.27%	0.27%	0.20%	
1310	250030 08FRDBT1 138 250031 08FRDBT2 138 Z1	250030	08FRDBT1	250031	08FRDBT2	Z1	138	212	DEO&K	382	382	Base Case	0	-80.2	-	20.99	0	0.03%	0.03%	0.03%	
1311	243471 05BETHEL 138 243479 05BROOKS 138 1	243471	05BETHEL	243479	05BROOKS	1	138	205	AEP	389	559	Base Case	0	-81.7	-	20.99	0	0.04%	0.04%	0.00%	
1312	235404 01S CHST 138 242990 05E LIVR 138 1	235404	01S CHST	242990	05E LIVR	1	138	201/205	AP/AEP	187	205	Base Case	0	39.2	-	20.98	0	0.06%	0.06%	0.00%	
1313	238845 02JONSON 138 239726 02LAKEAVE 138 1	238845	02JONSON	239726	02LAKEAVE	1	138	202	ATSI	265	339	Base Case	0	-55.6	-	20.97	0	0.07%	0.07%	-0.03%	
1314	247374 05MUSKNG2B 138 247435 05MUSKNG_ESZ 138 ZJ	247374	05MUSKNG2B	247435	05MUSKNG_ESZ	ZJ	138	205	AEP	766	784	Base Case	0	-160.6	-	20.97	0	-0.18%	-0.18%	0.05%	
1315	243665 05LESLIE 161 243667 05STINNE 161 1	243665	05LESLIE	243667	05STINNE	1	161	205	AEP	208	208	Base Case	0	-43.6	-	20.95	0	-0.03%	-0.03%	0.05%	
1316	243249 05BEECH 138 243260 05CNTYRD 138 1	243249	05BEECH	243260	05CNTYRD	1	138	205	AEP	205	284	Base Case	0	43	-	20.95	0	-0.04%	-0.04%	-0.02%	
1317	250119 08TWYMI1 138 250120 08TWYMI2 138 Z1	250119	08TWYMI1	250120	08TWYMI2	Z1	138	212	DEO&K	394	394	Base Case	0	82.4	-	20.9	0	0.05%	0.05%	0.03%	
1318	238783 02HARDIN 345 238795 02HDGQ14 138 4	238783	02HARDIN	238795	02HDGQ14	4	345/138	202	ATSI	397	488	Base Case	0	82.9	-	20.88	0	0.07%	0.07%	0.00%	
1319	239986 02NEWSTACY 138 239988 02FE-POLO 138 1	239986	02NEWSTACY	239988	02FE-POLO	1	138	202	ATSI	275	333	Base Case	0	57.4	-	20.86	0	-0.13%	-0.13%	0.07%	
1320	243484 05CITYCO 138 243494 05CTYPLN 138 1	243484	05CITYCO	243494	05CTYPLN	1	138	205	AEP	262	266	Base Case	0	54.6	-	20.86	0	0.00%	0.00%	0.00%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1321	246325 05NOTTINGH56 138 247700 05YAGER 138 2	246325	05NOTTINGH56	247700	05YAGER	2	138	205	AEP	278	339	Base Case	0	57.9	-	20.84	0	-0.03%	-0.03%	0.04%	
1322	238613 02CF Q-4 138 238742 02FWLSQ4 138 1	238613	02CF Q-4	238742	02FWLSQ4	1	138	202	ATSI	265	332	Base Case	0	55.1	-	20.81	0	-0.25%	-0.25%	-0.03%	
1323	238615 02CHAMBR 345 238783 02HARDIN 345 1	238615	02CHAMBR	238783	02HARDIN	1	345	202	ATSI	1555	1892	Base Case	0	323.2	-	20.78	0	0.16%	0.16%	0.39%	
1324	242822 05SWITCHBACK 138 244866 05THORPE SS 138 1	242822	05SWITCHBACK	244866	05THORPE SS	1	138	205	AEP	287	337	Base Case	0	-59.6	-	20.78	0	-0.11%	-0.11%	-0.29%	
1325	238768 02GRNFLD 138 239290 02HAYES 138 1	238768	02GRNFLD	239290	02HAYES	1	138	202	ATSI	278	339	Base Case	0	-57.7	-	20.77	0	-0.02%	-0.02%	-0.01%	
1326	239073 02ROBERT 138 239308 02MR-ETH 138 1	239073	02ROBERT	239308	02MR-ETH	1	138	202	ATSI	160	192	Base Case	0	-33.2	-	20.77	0	0.07%	0.07%	-0.08%	
1327	238915 02LRN Q2 138 239734 02CHARLESTON 138 1	238915	02LRN Q2	239734	02CHARLESTON	1	138	202	ATSI	435	500	Base Case	0	-89.9	-	20.66	0	-0.38%	-0.38%	-0.03%	
1328	238569 02BEAVER 345 239725 02LAKEAVE 345 2	238569	02BEAVER	239725	02LAKEAVE	2	345	202	ATSI	1534	1878	Base Case	0	316.6	-	20.64	0	-1.33%	-1.33%	-0.09%	
1329	243217 05DEQUIN 345 249524 08WESTW2 345 2	243217	05DEQUIN	249524	08WESTW2	2	345	205/208	AEP/DEI	1025	1217	Base Case	0	210.9	-	20.57	0	-0.02%	-0.02%	-0.04%	
1330	238737 02FRNKLN 138 240068 02STAR_FORGE 138 1	238737	02FRNKLN	240068	02STAR_FORGE	1	138	202	ATSI	200	242	Base Case	0	-41	-	20.52	0	-0.01%	-0.01%	0.00%	
1331	238570 02BEAVER 138 239168 02WELNGT 138 1	238570	02BEAVER	239168	02WELNGT	1	138	202	ATSI	278	339	Base Case	0	57	-	20.51	0	0.03%	0.03%	-0.08%	
1332	238746 02GALION 138 924790 AB2-131 TAP 138 1	238746	02GALION	924790	AB2-131 TAP	1	138	202	ATSI	196	228	Base Case	0	40.2	-	20.51	0	0.07%	0.07%	-0.08%	
1333	238585 02BRIDGE 138 238737 02FRNKLN 138 1	238585	02BRIDGE	238737	02FRNKLN	1	138	202	ATSI	200	242	Base Case	0	-41	-	20.51	0	-0.01%	-0.01%	0.00%	
1334	238777 02HAMIL+ 138 924790 AB2-131 TAP 138 1	238777	02HAMIL+	924790	AB2-131 TAP	1	138	202	ATSI	196	228	Base Case	0	-40.2	-	20.49	0	0.07%	0.07%	-0.08%	
1335	243127 05TIDD 1-2 138 243347 05TIDD 3-4 138 Z2	243127	05TIDD 1-2	243347	05TIDD 3-4	Z2	138	205	AEP	946	996	Base Case	0	193.6	-	20.47	0	-0.31%	-0.31%	-0.13%	
1336	243127 05TIDD 1-2 138 243347 05TIDD 3-4 138 Z1	243127	05TIDD 1-2	243347	05TIDD 3-4	Z1	138	205	AEP	946	996	Base Case	0	193.6	-	20.47	0	-0.31%	-0.31%	-0.13%	
1337	243139 05WAGENHALS2 138 244943 05PACKARD BP 138 1	243139	05WAGENHALS2	244943	05PACKARD BP	1	138	205	AEP	287	327	Base Case	0	58.7	-	20.46	0	0.02%	0.02%	0.01%	
1338	243072 05PACKARD 138 243134 05W.CANTON1 138 1	243072	05PACKARD	243134	05W.CANTON1	1	138	205	AEP	205	205	Base Case	0	41.9	-	20.45	0	0.03%	0.03%	0.01%	
1339	242547 05BAILS2 138 242696 05KOPPER 138 1	242547	05BAILS2	242696	05KOPPER	1	138	205	AEP	223	223	Base Case	0	45.5	-	20.4	0	-0.02%	-0.02%	0.15%	
1340	243528 05KARL ROAD 138 243547 05MORSE 138 1	243528	05KARL ROAD	243547	05MORSE	1	138	205	AEP	338	338	Base Case	0	-68.8	-	20.35	0	0.07%	0.07%	0.02%	
1341	238798 02HKQ-21 138 239052 02PV Q4 138 1	238798	02HKQ-21	239052	02PV Q4	1	138	202	ATSI	148	151	Base Case	0	-30.1	-	20.33	0	0.02%	0.02%	-0.08%	
1342	239048 02PPPINE 138 239281 02CRNBRY 138 3	239048	02PPPINE	239281	02CRNBRY	3	138	202	ATSI	200	241	Base Case	0	-40.7	-	20.33	0	0.02%	0.02%	0.00%	
1343	243279 05DIAMND 138 243304 05GUARDN 138 1	243279	05DIAMND	243304	05GUARDN	1	138	205	AEP	226	286	Base Case	0	-45.9	-	20.31	0	-0.09%	-0.09%	-0.06%	
1344	243120 05SUNNYSIDE1 138 246267 05WAGENHALS1 138 1	243120	05SUNNYSIDE1	246267	05WAGENHALS1	1	138	205	AEP	296	392	Base Case	0	60.1	-	20.31	0	-0.18%	-0.18%	0.06%	
1345	238666 02DS Q-3 138 238672 02DW Q-3 138 1	238666	02DS Q-3	238672	02DW Q-3	1	138	202	ATSI	273	332	Base Case	0	-55.4	-	20.28	0	-0.19%	-0.19%	-0.02%	
1346	242939 05MARYSV 345 242945 05SW LIM 345 1	242939	05MARYSV	242945	05SW LIM	1	345	205	AEP	971	971	Base Case	0	196.3	-	20.22	0	0.56%	0.56%	0.47%	
1347	238734 02FOXQ13 138 241935 02CLINTON 138 1	238734	02FOXQ13	241935	02CLINTON	1	138	202	ATSI	347	423	Base Case	0	70.1	-	20.22	0	0.09%	0.09%	0.01%	
1348	242922 05FLTLCK 765 242923 05GAVIN 765 1	242922	05FLTLCK	242923	05GAVIN	1	765	205	AEP	4047	4349	Base Case	0	-818.1	-	20.21	0	1.88%	1.88%	4.15%	
1349	243286 05EDISON2 138 246075 05EDISON1 138 ZA	243286	05EDISON2	246075	05EDISON1	ZA	138	205	AEP	277	277	Base Case	0	-56	-	20.2	0	-0.08%	-0.08%	-0.05%	
1350	242646 05FT.ROB SS 138 242738 05OREBANK_BP 138 1	242646	05FT.ROB SS	242738	05OREBANK_BP	1	138	205	AEP	187	205	Base Case	0	-37.7	-	20.18	0	0.03%	0.03%	-0.07%	
1351	243150 05WMILLP 138 243818 05NFAIRF 138 1	243150	05WMILLP	243818	05NFAIRF	1	138	205	AEP	200	200	Base Case	0	40.4	-	20.18	0	0.00%	0.00%	0.00%	
1352	247064 05KANAWHA2 138 247068 05KANAWH_ASZ 138 ZT	247064	05KANAWHA2	247068	05KANAWH_ASZ	ZT	138	205	AEP	287	337	Base Case	0	-57.9	-	20.17	0	0.01%	0.01%	-0.09%	
1353	243033 05THORNWD SS 138 247172 05EBERSO 138 1	243033	05THORNWD SS	247172	05EBERSO	1	138	205	AEP	205	283	Base Case	0	-41.3	-	20.16	0	0.01%	0.01%	0.00%	
1354	242569 05BRUSHT 138 242734 05NEWLDN 138 1	242569	05BRUSHT	242734	05NEWLDN	1	138	205	AEP	205	207	Base Case	0	-41.3	-	20.16	0	0.01%	0.01%	0.44%	
1355	239015 02NSTAR 345 239018 02FULTON 345 1	239015	02NSTAR	239018	02FULTON	1	345	202	ATSI	725	865	Base Case	0	-145.9	-	20.13	0	0.00%	0.00%	0.00%	
1356	243347 05TIDD 3-4 138 247775 05DIXON SS 138 1	243347	05TIDD 3-4	247775	05DIXON SS	1	138	205	AEP	187	240	Base Case	0	37.6	-	20.1	0	0.14%	0.14%	-0.09%	
1357	242527 05M FUNK 345 245845 05MFUNK1_XFL 138 1	242527	05M FUNK	245845	05MFUNK1_XFL	1	345/138	205	AEP	823	948	Base Case	0	165.2	-	20.07	0	0.04%	0.04%	-0.36%	
1358	238841 02JNPRQ2 138 239050 02PV Q2 138 1	238841	02JNPRQ2	239050	02PV Q2	1	138	202	ATSI	267	332	Base Case	0	53.6	-	20.06	0	0.16%	0.16%	0.01%	
1359	243139 05WAGENHALS2 138 243772 05LTV2 138 2	243139	05WAGENHALS2	243772	05LTV2	2	138	205	AEP	296	296	Base Case	0	59.3	-	20.03	0	0.00%	0.00%	0.00%	
1360	243309 05HILLCR 138 243391 05WAYNET 138 1	243309	05HILLCR	243391	05WAYNET	1	138	205	AEP	219	255	Base Case	0	-43.9	-	20.03	0	0.08%	0.08%	0.01%	
1361	242982 05CENPOR 138 243047 05N PORT 138 1	242982	05CENPOR	243047	05N PORT	1	138	205	AEP	219	251	Base Case	0	-43.8	-	19.99	0	-0.01%	-0.01%	-0.02%	
1362	242760 05PROGPK 138 242858 05WYTHE1 138 1	242760	05PROGPK	242858	05WYTHE1	1	138	205	AEP	285	337	Base Case	0	-57	-	19.99	0	-0.11%	-0.11%	-0.06%	
1363	242564 05BRADL1 138 242565 05BRADL2 138 Z1	242564	05BRADL1	242565	05BRADL2	Z1	138	205	AEP	285	361	Base Case	0	-56.9	-	19.98	0	-0.09%	-0.09%	-0.24%	
1364	242682 05JIM BRANCH 138 242854 05W.WELCH SS 138 1	242682	05JIM BRANCH	242854	05W.WELCH SS	1	138	205	AEP	335	392	Base Case	0	-66.9	-	19.98	0	-0.05%	-0.05%	-0.30%	
1365	238663 02DLQ-15 138 238739 02FWLSQ1 138 1	238663	02DLQ-15	238739	02FWLSQ1	1	138	202	ATSI	273	332	Base Case	0	-54.5	-	19.97	0	0.02%	0.02%	0.00%	
1366	243159 05WPHILO 138 247083 05NPHISS 138 1	243159	05WPHILO	247083	05NPHISS	1	138	205	AEP	167	245	Base Case	0	33.3	-	19.95	0	0.13%	0.13%	0.02%	
1367	243528 05KARL ROAD 138 247510 05KARL RD123 138 Z1	243528	05KARL ROAD	247510	05KARL RD123	Z1	138	205	AEP	158	183	Base Case	0	31.5	-	19.92	0	0.00%	0.00%	0.00%	
1368	243528 05KARL ROAD 138 247510 05KARL RD123 138 Z2	243528	05KARL ROAD	247510	05KARL RD123	Z2	138	205	AEP	158	183	Base Case	0	31.5	-	19.92	0	0.00%	0.00%	0.00%	
1369	243528 05KARL ROAD 138 247510 05KARL RD123 138 Z3	243528	05KARL ROAD	247510	05KARL RD123	Z3	138	205	AEP	158	183	Base Case	0	31.5	-	19.92	0	0.00%	0.00%	0.00%	
1370	239353 02HARMON 345 239354 02HARMON 138 1	239353	02HARMON	239354	02HARMON	1	345/138	202	ATSI	609	689	Base Case	0	121.2	-	19.91	0	0.04%	0.04%	0.03%	
1371	250037 08GLNVW2 138 250049 08KLEMN2 138 1	250037	08GLNVW2	250049	08KLEMN2	1	138	212	DEO&K	268	268	Base Case	0	-53.3	-	19.9	0	-0.03%	-0.03%	0.01%	
1372	243581 05TAYLOR 138 244020 05MINK 138 1	243581	05TAYLOR	244020	05MINK	1	138	205	AEP	335	338	Base Case	0	-66.7	-	19.9	0	0.03%	0.03%	0.00%	
1373	238831 02IWQ-17 138 239211 02IOQ-17 138 1	238831	02IWQ-17	239211	02IOQ-17	1	138	202	ATSI	273	332	Base Case	0	54.3	-	19.88	0	-0.05%	-0.05%	0.02%	
1374	235383 01PARKER 138 243470 05BELPRE 138 1	235383	01PARKER	243470	05BELPRE	1	138	201/205	AP/AEP	251	290	Base Case	0	49.9	-	19.88	0	0.24%	0.24%	0.14%	
1375	242793 05SEXTON 138 245222 05W.KINGS_BP 138 1	242793	05SEXTON	245222	05W.KINGS_BP	1	138	205	AEP	205	205	Base Case	0	40.7	-	19.87	0	-0.02%	-0.02%	-0.19%	
1376	253011 09CARGIL 138 253056 09NORTHR 138 1	253011	09CARGIL	253056	09NORTHR	1	138	209	DAY	196	241	Base Case	0	-38.9	-	19.87	0	0.00%	0.00%	-0.01%	
1377	242722 05MORLAN 138 245222 05W.KINGS_BP 138 1	242722	05MORLAN	245222	05W.KINGS_BP	1	138	205	AEP	205	205	Base Case	0	-40.7	-	19.85	0	-0.02%	-0.02%	-0.19%	
1378	243522 05HARRISON 138 243593 05ZUBER 138 1	243522	05HARRISON	243593	05ZUBER	1	138	205	AEP	136	167	Base Case	0	-27	-	19.84	0	-0.05%	-0.05%	-0.13%	
1379	253010 09BURDOX 138 253053 09NEEDMO 138 1	253010	09BURDOX	253053	09NEEDMO	1	138	209	DAY	196	241	Base Case	0	38.9	-	19.83	0	0.00%	0.00%	0.02%	
1380	249980 08AGSTNE 138 250126 08WENDWE 138 1	249980	08AGSTNE	250126	08WENDWE	1	138	212	DEO&K	277	277	Base Case	0	54.9	-	19.83	0	0.04%	0.04%	0.04%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1381	238813 02HOYTDL 138 238866 02KOPL S 138 1	238813	02HOYTDL	238866	02KOPL S	1	138	202	ATSI	278	339	Base Case	0	55	-	19.79	0	0.00%	0.00%	0.00%	
1382	243241 05ALBION 138 243375 05SKINNR 138 1	243241	05ALBION	243375	05SKINNR	1	138	205	AEP	219	251	Base Case	0	43.3	-	19.79	0	-0.05%	-0.05%	-0.03%	
1383	243058 05NEWARK CTR 138 243488 05CONESVILLE 138 1	243058	05NEWARK CTR	243488	05CONESVILLE	1	138	205	AEP	348	407	Base Case	0	-68.8	-	19.76	0	0.06%	0.06%	-0.03%	
1384	238573 02BELEVU 138 239147 02UTTP2 138 1	238573	02BELEVU	239147	02UTTP2	1	138	202	ATSI	216	264	Base Case	0	42.7	-	19.76	0	0.04%	0.04%	-0.01%	
1385	249986 08BELVUE 138 250134 08YORK 138 1	249986	08BELVUE	250134	08YORK	1	138	212	DEO&K	298	298	Base Case	0	58.8	-	19.74	0	-0.01%	-0.01%	0.00%	
1386	242616 05CURRY 138 242717 05MILTON 138 1	242616	05CURRY	242717	05MILTON	1	138	205	AEP	167	167	Base Case	0	33	-	19.74	0	0.06%	0.06%	0.05%	
1387	238801 02HL Q-2 138 238811 02HO Q-2 138 1	238801	02HL Q-2	238811	02HO Q-2	1	138	202	ATSI	205	265	Base Case	0	-40.5	-	19.74	0	0.01%	0.01%	0.02%	
1388	242552 05BENT M 138 242601 05CLEARB 138 1	242552	05BENT M	242601	05CLEARB	1	138	205	AEP	158	183	Base Case	0	31.2	-	19.73	0	-0.07%	-0.07%	-0.42%	
1389	238538 02APRQ-1 138 238810 02HO Q-1 138 1	238538	02APRQ-1	238810	02HO Q-1	1	138	202	ATSI	265	349	Base Case	0	52.1	-	19.66	0	0.01%	0.01%	0.01%	
1390	239353 02HARMON 345 239354 02HARMON 138 2	239353	02HARMON	239354	02HARMON	2	345/138	202	ATSI	612	693	Base Case	0	120.3	-	19.66	0	0.04%	0.04%	0.03%	
1391	242669 05HOLST1 138 360476 4BOONE HP 138 1	242669	05HOLST1	360476	4BOONE HP	1	138	205/347	AEP/TVA	191	191	Base Case	0	-37.5	-	19.63	0	0.00%	0.00%	-0.02%	
1392	243285 05E.SIDE 138 243380 05STDBKR 138 1	243285	05E.SIDE	243380	05STDBKR	1	138	205	AEP	251	251	Base Case	0	-49.3	-	19.63	0	0.03%	0.03%	0.02%	
1393	238560 02BABB 138 239161 02WAKRON 138 1	238560	02BABB	239161	02WAKRON	1	138	202	ATSI	200	242	Base Case	0	-39.2	-	19.62	0	-0.08%	-0.08%	-0.03%	
1394	243578 05STRODZ 138 243579 05STROUD 138 1	243578	05STRODZ	243579	05STROUD	1	138	205	AEP	149	180	Base Case	0	29.2	-	19.59	0	0.01%	0.01%	-0.01%	
1395	250100 08SMRSD1 138 250158 088MIRDJ 138 1	250100	08SMRSD1	250158	088MIRDJ	1	138	212	DEO&K	301	301	Base Case	0	-59	-	19.59	0	0.00%	0.00%	0.00%	
1396	243014 05GRBLOP 138 245476 05ROB PK34 138 1	243014	05GRBLOP	245476	05ROB PK34	1	138	205	AEP	219	255	Base Case	0	-42.8	-	19.57	0	-0.08%	-0.08%	0.03%	
1397	243778 05TIMKEN B 138 245001 05TIMKEN C 138 Z1	243778	05TIMKEN B	245001	05TIMKEN C	Z1	138	205	AEP	285	302	Base Case	0	-55.8	-	19.56	0	0.07%	0.07%	-0.02%	
1398	243313 05HUNT J 138 243367 05ROCKCR 138 1	243313	05HUNT J	243367	05ROCKCR	1	138	205	AEP	257	337	Base Case	0	-50.2	-	19.53	0	-0.03%	-0.03%	0.04%	
1399	239217 02REEDSB 138 246325 05NOTTINGH56 138 1	239217	02REEDSB	246325	05NOTTINGH56	1	138	202/205	ATSI/AEP	233	282	Base Case	0	-45.4	-	19.5	0	0.14%	0.14%	0.04%	
1400	243161 05ZANESV 138 247497 05CLOUSE 138 1	243161	05ZANESV	247497	05CLOUSE	1	138	205	AEP	150	167	Base Case	0	29.2	-	19.49	0	0.07%	0.07%	-0.04%	
1401	243526 05HYATT 138 247199 05AMLIN 138 1	243526	05HYATT	247199	05AMLIN	1	138	205	AEP	564	747	Base Case	0	109.7	-	19.46	0	0.05%	0.05%	0.01%	
1402	243003 05FAYETTE Z 138 243095 05SCOTTOWNSS 138 1	243003	05FAYETTE Z	243095	05SCOTTOWNSS	1	138	205	AEP	167	167	Base Case	0	32.5	-	19.44	0	-0.03%	-0.03%	0.07%	
1403	243492 05CORWIN 138 247791 05ELK 138 1	243492	05CORWIN	247791	05ELK	1	138	205	AEP	219	255	Base Case	0	42.5	-	19.42	0	-0.06%	-0.06%	0.07%	
1404	242607 05CLOVRD 138 243883 05LAKEFR 138 1	242607	05CLOVRD	243883	05LAKEFR	1	138	205	AEP	205	284	Base Case	0	39.8	-	19.4	0	-0.01%	-0.01%	-0.23%	
1405	247132 05ELLISN 138 247831 05DALMATN SS 138 1	247132	05ELLISN	247831	05DALMATN SS	1	138	205	AEP	293	341	Base Case	0	56.8	-	19.38	0	-0.02%	-0.02%	0.01%	
1406	243215 05COOK 345 243229 05OLIVE 345 1	243215	05COOK	243229	05OLIVE	1	345	205	AEP	1188	1409	Base Case	0	230	-	19.36	0	0.66%	0.66%	0.17%	
1407	242546 05BAILS1 138 242559 05BOLT Z 138 1	242546	05BAILS1	242559	05BOLT Z	1	138	205	AEP	223	223	Base Case	0	43.1	-	19.35	0	-0.03%	-0.03%	0.17%	
1408	240346 02GROVWDQ11 138 241935 02CLINTON 138 ZL	240346	02GROVWDQ11	241935	02CLINTON	ZL	138	202	ATSI	347	423	Base Case	0	-67.1	-	19.33	0	0.00%	0.00%	0.00%	
1409	242593 05CHEM 2 138 242617 05DALEWD 138 1	242593	05CHEM 2	242617	05DALEWD	1	138	205	AEP	296	398	Base Case	0	-57.1	-	19.28	0	-0.05%	-0.05%	-0.06%	
1410	239076 02ROSS 138 239237 02CLVR-S 138 1	239076	02ROSS	239237	02CLVR-S	1	138	202	ATSI	251	290	Base Case	0	-48.3	-	19.26	0	0.36%	0.36%	0.07%	
1411	243560 05ROBERT 138 243588 05WILSON 138 1	243560	05ROBERT	243588	05WILSON	1	138	205	AEP	196	247	Base Case	0	37.7	-	19.22	0	0.04%	0.04%	-0.01%	
1412	242989 05E LIMA 138 243066 05NW LIM 138 1	242989	05E LIMA	243066	05NW LIM	1	138	205	AEP	205	205	Base Case	0	39.4	-	19.21	0	0.01%	0.01%	-0.06%	
1413	243485 05CLINTO 138 243576 05ST.CLX 138 1	243485	05CLINTO	243576	05ST.CLX	1	138	205	AEP	142	179	Base Case	0	27.3	-	19.21	0	-0.01%	-0.01%	-0.03%	
1414	242631 05EDAN 1 138 242632 05EDAN 2 138 Z1	242631	05EDAN 1	242632	05EDAN 2	Z1	138	205	AEP	296	296	Base Case	0	-56.8	-	19.2	0	0.18%	0.18%	1.48%	
1415	242752 05PINCKZ 138 242753 05PINECK 138 1	242752	05PINCKZ	242753	05PINECK	1	138	205	AEP	52	52	Base Case	0	10	-	19.2	0	0.00%	0.00%	0.00%	
1416	242586 05CAVE SPR2Z 138 242815 05STARKE 138 1	242586	05CAVE SPR2Z	242815	05STARKE	1	138	205	AEP	187	240	Base Case	0	-35.9	-	19.2	0	-0.03%	-0.03%	-0.18%	
1417	243491 05CORRID 138 243856 05JUG ST 1-6 138 1	243491	05CORRID	243856	05JUG ST 1-6	1	138	205	AEP	747	747	Base Case	0	143.4	-	19.2	0	-0.01%	-0.01%	-0.01%	
1418	243499 05DUBLIN 138 247199 05AMLIN 138 1	243499	05DUBLIN	247199	05AMLIN	1	138	205	AEP	296	413	Base Case	0	-56.8	-	19.19	0	-0.02%	-0.02%	-0.01%	
1419	243219 05DUMONT 345 243918 05ELDERBERRY 345 1	243219	05DUMONT	243918	05ELDERBERRY	1	345	205	AEP	1409	1868	Base Case	0	-270.3	-	19.18	0	-0.88%	-0.88%	-0.65%	
1420	242586 05CAVE SPR2Z 138 242663 05HANCK1 138 1	242586	05CAVE SPR2Z	242663	05HANCK1	1	138	205	AEP	187	205	Base Case	0	35.9	-	19.18	0	-0.03%	-0.03%	-0.18%	
1421	242945 05SW LIM 345 243122 05SW LIM 138 1	242945	05SW LIM	243122	05SW LIM	1	345/138	205	AEP	574	579	Base Case	0	110.1	-	19.18	0	0.06%	0.06%	0.11%	
1422	243698 05MORGFK 138 244688 05BEAVER CR2 138 1	243698	05MORGFK	244688	05BEAVER CR2	1	138	205	AEP	223	223	Base Case	0	-42.7	-	19.16	0	0.00%	0.00%	0.17%	
1423	238954 02MCDOWL 138 239934 02HEASLEY 138 1	238954	02MCDOWL	239934	02HEASLEY	1	138	202	ATSI	176	229	Base Case	0	-33.7	-	19.15	0	-0.55%	-0.55%	0.00%	
1424	243260 05CNTYRD 138 243356 05OSOLO1 138 1	243260	05CNTYRD	243356	05OSOLO1	1	138	205	AEP	164	180	Base Case	0	31.4	-	19.14	0	-0.04%	-0.04%	-0.02%	
1425	243765 05FORD LIMA1 138 246155 05FORD LIMA2 138 Z1	243765	05FORD LIMA1	246155	05FORD LIMA2	Z1	138	205	AEP	219	255	Base Case	0	-41.9	-	19.13	0	0.01%	0.01%	-0.03%	
1426	239728 02BLKRVR 138 239739 02CROMWELL 138 1	239728	02BLKRVR	239739	02CROMWELL	1	138	202	ATSI	233	282	Base Case	0	44.5	-	19.12	0	-0.15%	-0.15%	-0.01%	
1427	239728 02BLKRVR 138 239739 02CROMWELL 138 2	239728	02BLKRVR	239739	02CROMWELL	2	138	202	ATSI	233	282	Base Case	0	44.5	-	19.12	0	-0.15%	-0.15%	-0.01%	
1428	250026 08FLDMN2 138 250095 08RMNTN2 138 1	250026	08FLDMN2	250095	08RMNTN2	1	138	212	DEO&K	198	198	Base Case	0	37.8	-	19.1	0	0.01%	0.01%	0.03%	
1429	238598 02CADQ18 138 240248 02DLQ-18 138 1	238598	02CADQ18	240248	02DLQ-18	1	138	202	ATSI	237	287	Base Case	0	45.2	-	19.08	0	-0.01%	-0.01%	0.00%	
1430	242564 05BRADL1 138 242758 05POLEYD 138 1	242564	05BRADL1	242758	05POLEYD	1	138	205	AEP	205	205	Base Case	0	39.1	-	19.06	0	0.03%	0.03%	-0.07%	
1431	243278 05DESOTO 138 246629 05SELMA P_BP 138 1	243278	05DESOTO	246629	05SELMA P_BP	1	138	205	AEP	185	185	Base Case	0	35.2	-	19.05	0	-0.03%	-0.03%	-0.03%	
1432	243878 05MEADOW 345 255205 17REYNOLDS 345 2	243878	05MEADOW	255205	17REYNOLDS	2	345	205/217	AEP/NIPS	1868	1868	Base Case	0	355.7	-	19.04	0	0.06%	0.06%	0.41%	
1433	242946 05TIDD 345 247797 05STEMPLE 345 1	242946	05TIDD	247797	05STEMPLE	1	345	205	AEP	1025	1318	Base Case	0	195.2	-	19.04	0	0.48%	0.48%	0.18%	
1434	243344 05MODOC 138 246629 05SELMA P_BP 138 1	243344	05MODOC	246629	05SELMA P_BP	1	138	205	AEP	185	185	Base Case	0	-35.2	-	19.01	0	-0.03%	-0.03%	-0.03%	
1435	249989 08BKJ246 138 250080 08NWTWN2 138 1	249989	08BKJ246	250080	08NWTWN2	1	138	212	DEO&K	332	332	Base Case	0	63.1	-	19.01	0	0.06%	0.06%	0.06%	
1436	243006 05FOSTOR 138 244341 05SOFTAIL SS 138 1	243006	05FOSTOR	244341	05SOFTAIL SS	1	138	205	AEP	145	145	Base Case	0	27.5	-	18.99	0	-0.01%	-0.01%	0.00%	
1437	243878 05MEADOW 345 255205 17REYNOLDS 345 1	243878	05MEADOW	255205	17REYNOLDS	1	345	205/217	AEP/NIPS	1868	1868	Base Case	0	354.5	-	18.98	0	0.06%	0.06%	0.41%	
1438	243368 05ROSEHI 138 246656 05PENDLETON2 138 1	243368	05ROSEHI	246656	05PENDLETON2	1	138	205	AEP	195	220	Base Case	0	-37	-	18.97	0	0.02%	0.02%	0.06%	
1439	243013 05GAVIN1 138 243069 05FIREBR 138 1	243013	05GAVIN1	243069	05FIREBR	1	138	205	AEP	185	185	Base Case	0	35.1	-	18.95	0	0.10%	0.10%	0.05%	
1440	243696 05KYELEC 138 246885 05MOORE HOLW 138 1	243696	05KYELEC	246885	05MOORE HOLW	1	138	205	AEP	296	413	Base Case	0	56	-	18.93	0	0.02%	0.02%	0.03%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1441	238768 02GRNFLD 138 238874 02LAKVEW 138 1	238768	02GRNFLD	238874	02LAKVEW	1	138	202	ATSI	320	385	Base Case	0	-60.6	-	18.92	0	-0.44%	-0.44%	-0.07%	
1442	238731 02FOX 345 238783 02HARDIN 345 2	238731	02FOX	238783	02HARDIN	2	345	202	ATSI	1195	1195	Base Case	0	-226	-	18.92	0	0.37%	0.37%	0.04%	
1443	238851 02KD Q-1 138 238882 02LE Q-1 138 1	238851	02KD Q-1	238882	02LE Q-1	1	138	202	ATSI	273	332	Base Case	0	-51.6	-	18.91	0	0.00%	0.00%	0.00%	
1444	243231 05ROB PK 345 255105 17HIPLE 345 1	243231	05ROB PK	255105	17HIPLE	1	345	205/217	AEP/NIPS	1409	1409	Base Case	0	-266.4	-	18.91	0	-0.56%	-0.56%	-0.41%	
1445	243524 05HESS NORTH 138 243551 05OSU 138 1	243524	05HESS NORTH	243551	05OSU	1	138	205	AEP	187	240	Base Case	0	-35.3	-	18.9	0	0.02%	0.02%	-0.02%	
1446	242958 05BATTLE 138 243138 05W.LIBERTYZ 138 2	242958	05BATTLE	243138	05W.LIBERTYZ	2	138	205	AEP	205	205	Base Case	0	-38.7	-	18.86	0	0.15%	0.15%	-0.10%	
1447	242952 05SHEPLER SS 138 245001 05TIMKEN C 138 1	242952	05SHEPLER SS	245001	05TIMKEN C	1	138	205	AEP	296	361	Base Case	0	55.8	-	18.84	0	0.07%	0.07%	-0.02%	
1448	238586 02BRKSID 138 246325 05NOTTINGH56 138 1	238586	02BRKSID	246325	05NOTTINGH56	1	138	202/205	ATSI/AEP	233	282	Base Case	0	-43.9	-	18.83	0	0.14%	0.14%	0.05%	
1449	243291 05ENGLER 138 247132 05ELLISN 138 1	243291	05ENGLER	247132	05ELLISN	1	138	205	AEP	296	361	Base Case	0	-55.7	-	18.83	0	-0.01%	-0.01%	0.02%	
1450	239040 02PGTP12 138 239057 02LRCRQ4 138 1	239040	02PGTP12	239057	02LRCRQ4	1	138	202	ATSI	148	151	Base Case	0	-27.8	-	18.8	0	0.12%	0.12%	-0.04%	
1451	238959 02MFLDQ4 138 239040 02PGTP12 138 1	238959	02MFLDQ4	239040	02PGTP12	1	138	202	ATSI	148	151	Base Case	0	-27.8	-	18.8	0	0.12%	0.12%	-0.04%	
1452	242998 05EPOINT 138 243070 05OHIOCT 138 1	242998	05EPOINT	243070	05OHIOCT	1	138	205	AEP	205	255	Base Case	0	-38.4	-	18.75	0	-0.11%	-0.11%	-0.06%	
1453	238817 02IKQ-18 138 238840 02JNPRQ1 138 1	238817	02IKQ-18	238840	02JNPRQ1	1	138	202	ATSI	223	286	Base Case	0	-41.8	-	18.74	0	-0.04%	-0.04%	0.02%	
1454	242676 05HUNTCT 138 247631 05BENNINGTON 138 1	242676	05HUNTCT	247631	05BENNINGTON	1	138	205	AEP	329	361	Base Case	0	61.6	-	18.73	0	0.10%	0.10%	-0.22%	
1455	239161 02WAKRON 138 239614 02BATH 138 1	239161	02WAKRON	239614	02BATH	1	138	202	ATSI	196	242	Base Case	0	36.7	-	18.73	0	-0.03%	-0.03%	0.09%	
1456	243098 05SHARPR 138 243153 05WMTVER 138 1	243098	05SHARPR	243153	05WMTVER	1	138	205	AEP	158	183	Base Case	0	29.6	-	18.72	0	0.04%	0.04%	0.10%	
1457	243217 05DEQUIN 345 249525 08WESTWD 345 1	243217	05DEQUIN	249525	08WESTWD	1	345	205/208	AEP/DEI	1025	1217	Base Case	0	191.9	-	18.72	0	-0.02%	-0.02%	-0.03%	
1458	247133 05ROCKP WRK1 765 243239 05ROCKP WRK1 138 7	247133	05ROCKP WRK1	243239	05ROCKP WRK1	7	765/138	205	AEP	98	111	Base Case	0	18.3	-	18.71	0	0.00%	0.00%	0.00%	
1459	247135 05ROCKP WRK2 765 243240 05ROCKP WRK2 138 8	247135	05ROCKP WRK2	243240	05ROCKP WRK2	8	765/138	205	AEP	98	111	Base Case	0	18.3	-	18.71	0	0.00%	0.00%	0.00%	
1460	243580 05SULVNT 138 243854 05REAVER 138 1	243580	05SULVNT	243854	05REAVER	1	138	205	AEP	223	267	Base Case	0	-41.6	-	18.67	0	-0.08%	-0.08%	-0.02%	
1461	241901 02LALLENDORF 345 264612 19MON12 345 1	241901	02LALLENDORF	264612	19MON12	1	345	202/219	ATSI/ITCT	1486	1702	Base Case	0	-277.4	-	18.67	0	-0.99%	-0.99%	-0.07%	
1462	238772 02GTQ-12 138 238819 02ILQ-12 138 1	238772	02GTQ-12	238819	02ILQ-12	1	138	202	ATSI	273	332	Base Case	0	-50.9	-	18.65	0	-0.09%	-0.09%	-0.01%	
1463	242978 05CANALR 138 243000 05EWOOST 138 1	242978	05CANALR	243000	05EWOOST	1	138	205	AEP	205	205	Base Case	0	38.2	-	18.64	0	0.10%	0.10%	0.00%	
1464	238908 02LONDON 138 240709 02N TITUS 138 1	238908	02LONDON	240709	02N TITUS	1	138	202	ATSI	176	229	Base Case	0	32.8	-	18.62	0	0.07%	0.07%	0.03%	
1465	238797 02HGHLND 138 239056 02R.M. + 138 1	238797	02HGHLND	239056	02R.M. +	1	138	202	ATSI	157	196	Base Case	0	29.2	-	18.62	0	-0.01%	-0.01%	0.00%	
1466	247807 05ROUSE 138 247833 05LAMPING 138 1	247807	05ROUSE	247833	05LAMPING	1	138	205	AEP	257	360	Base Case	0	-47.8	-	18.62	0	-0.15%	-0.15%	-0.14%	
1467	238933 02LYDQ14 138 238951 02MBQ-14 138 1	238933	02LYDQ14	238951	02MBQ-14	1	138	202	ATSI	324	395	Base Case	0	-60.2	-	18.59	0	0.12%	0.12%	-0.04%	
1468	242524 05CLOVRD 345 242527 05M FUNK 345 1	242524	05CLOVRD	242527	05M FUNK	1	345	205	AEP	1025	1132	Base Case	0	190.5	-	18.59	0	0.78%	0.78%	1.60%	
1469	242511 05BROADF 765 242566 05BROADF 138 1	242511	05BROADF	242566	05BROADF	1	765/138	205	AEP	696	696	Base Case	0	129.4	-	18.59	0	0.28%	0.28%	0.37%	
1470	243261 05COLBYTAPSS 138 243386 05VALLY 138 1	243261	05COLBYTAPSS	243386	05VALLY	1	138	205	AEP	296	361	Base Case	0	55	-	18.58	0	-0.01%	-0.01%	0.00%	
1471	244143 05KUCHAR 138 244173 05SILVER LAK 138 1	244143	05KUCHAR	244173	05SILVER LAK	1	138	205	AEP	251	335	Base Case	0	-46.6	-	18.58	0	0.08%	0.08%	0.05%	
1472	243475 05BLENDO 138 243547 05MORSE 138 1	243475	05BLENDO	243547	05MORSE	1	138	205	AEP	297	338	Base Case	0	55.2	-	18.57	0	0.05%	0.05%	0.01%	
1473	242598 05CHNC Z 138 242705 05LOGAN2 138 1	242598	05CHNC Z	242705	05LOGAN2	1	138	205	AEP	167	167	Base Case	0	-30.9	-	18.52	0	0.06%	0.06%	0.04%	
1474	243664 05HAZARD 161 243668 05WOOTON 161 1	243664	05HAZARD	243668	05WOOTON	1	161	205	AEP	300	420	Base Case	0	-55.6	-	18.52	0	-0.11%	-0.11%	-0.04%	
1475	242696 05KOPPER 138 247795 05LACEY BRCH 138 1	242696	05KOPPER	247795	05LACEY BRCH	1	138	205	AEP	223	223	Base Case	0	41.3	-	18.5	0	-0.02%	-0.02%	0.15%	
1476	238646 02CW TP3 138 241929 02AVQ3 138 1	238646	02CW TP3	241929	02AVQ3	1	138	202	ATSI	437	502	Base Case	0	-80.8	-	18.49	0	-0.26%	-0.26%	-0.03%	
1477	238717 02-5POINT+ 138 239027 02OILEVS 138 1	238717	02-5POINT+	239027	02OILEVS	1	138	202	ATSI	288	346	Base Case	0	53.2	-	18.47	0	0.05%	0.05%	0.01%	
1478	238889 02LEMOYN 345 239370 02DOWLING 345 1	238889	02LEMOYN	239370	02DOWLING	1	345	202	ATSI	1542	1878	Base Case	0	284.8	-	18.47	0	0.40%	0.40%	0.11%	
1479	242855 05WYOMIN 138 247634 05LYBURN SS 138 1	242855	05WYOMIN	247634	05LYBURN SS	1	138	205	AEP	296	413	Base Case	0	54.6	-	18.46	0	0.08%	0.08%	0.20%	
1480	239043 02PINE 138 239075 02ROSEMT 138 1	239043	02PINE	239075	02ROSEMT	1	138	202	ATSI	233	282	Base Case	0	43	-	18.46	0	-0.04%	-0.04%	0.04%	
1481	242730 05NBECKL 138 242758 05POLEYD 138 1	242730	05NBECKL	242758	05POLEYD	1	138	205	AEP	164	180	Base Case	0	-30.2	-	18.42	0	0.03%	0.03%	-0.07%	
1482	253047 09MIAMI 345 253069 09SHELBY 345 1	253047	09MIAMI	253069	09SHELBY	1	345	209	DAY	1255	1374	Base Case	0	231.2	-	18.42	0	-0.44%	-0.44%	0.24%	
1483	242628 05E.LYNN 138 242699 05LAVALT 138 1	242628	05E.LYNN	242699	05LAVALT	1	138	205	AEP	219	255	Base Case	0	-40.3	-	18.4	0	-0.05%	-0.05%	-0.14%	
1484	243275 05DELAWR1 138 243393 05WESDEL 138 1	243275	05DELAWR1	243393	05WESDEL	1	138	205	AEP	219	223	Base Case	0	-40.3	-	18.4	0	0.02%	0.02%	0.01%	
1485	243524 05HESS NORTH 138 246094 05VINE_X 138 1	243524	05HESS NORTH	246094	05VINE_X	1	138	205	AEP	183	243	Base Case	0	33.7	-	18.4	0	-0.05%	-0.05%	-0.03%	
1486	242936 05FOSTOR 345 242942 05SBERWI 345 1	242936	05FOSTOR	242942	05SBERWI	1	345	205	AEP	1409	1409	Base Case	0	259	-	18.38	0	-0.72%	-0.72%	-0.74%	
1487	247373 05MUSKNG2A 138 247434 05MUSKNG_DSZ 138 ZQ	247373	05MUSKNG2A	247434	05MUSKNG_DSZ	ZQ	138	205	AEP	747	747	Base Case	0	-137.2	-	18.37	0	-0.15%	-0.15%	0.05%	
1488	239037 02PGQ-11 138 239039 02PGTP11 138 1	239037	02PGQ-11	239039	02PGTP11	1	138	202	ATSI	115	115	Base Case	0	-21.1	-	18.34	0	0.00%	0.00%	0.00%	
1489	243233 05TANNER 345 243792 05LOSANTVILL 345 2	243233	05TANNER	243792	05LOSANTVILL	2	345	205	AEP	648	648	Base Case	0	118.8	-	18.34	0	0.16%	0.16%	0.22%	
1490	242926 05MALIS 765 242928 05MARYSV 765 1	242926	05MALIS	242928	05MARYSV	1	765	205	AEP	4047	4142	Base Case	0	-742	-	18.33	0	-4.30%	-4.30%	-0.62%	
1491	243010 05FTHENR 138 247775 05DIXON SS 138 1	243010	05FTHENR	247775	05DIXON SS	1	138	205	AEP	205	284	Base Case	0	-37.5	-	18.31	0	0.14%	0.14%	-0.09%	
1492	243673 05BEEFHI 138 243687 05FLEMIN 138 1	243673	05BEEFHI	243687	05FLEMIN	1	138	205	AEP	158	180	Base Case	0	28.9	-	18.3	0	0.01%	0.01%	0.01%	
1493	243694 05INEZ 138 246896 05WOLFSS 138 1	243694	05INEZ	246896	05WOLFSS	1	138	205	AEP	226	251	Base Case	0	41.3	-	18.29	0	-0.07%	-0.07%	-0.12%	
1494	243697 05LOVELY 138 246896 05WOLFSS 138 1	243697	05LOVELY	246896	05WOLFSS	1	138	205	AEP	226	251	Base Case	0	-41.3	-	18.28	0	-0.07%	-0.07%	-0.12%	
1495	250018 08EMWOD1 138 250056 08LTERL8 138 1	250018	08EMWOD1	250056	08LTERL8	1	138	212	DEO&K	264	264	Base Case	0	-48.2	-	18.26	0	0.02%	0.02%	0.01%	
1496	239129 02SYLVNA 138 239320 02FLWR HOSP 138 1	239129	02SYLVNA	239320	02FLWR HOSP	1	138	202	ATSI	278	343	Base Case	0	50.7	-	18.23	0	-0.05%	-0.05%	0.01%	
1497	239142 02TUSC 138 239362 02INVOLTA 138 1	239142	02TUSC	239362	02INVOLTA	1	138	202	ATSI	233	282	Base Case	0	42.5	-	18.22	0	-0.06%	-0.06%	-0.05%	
1498	238696 02ELWOD+ 138 238944 02MASURY 138 1	238696	02ELWOD+	238944	02MASURY	1	138	202	ATSI	128	165	Base Case	0	-23.3	-	18.21	0	0.02%	0.02%	-0.03%	
1499	243688 05S.PORT MTR 138 342538 4ARGENTUM 138 1	243688	05S.PORT MTR	342538	4ARGENTUM	1	138	205/320	AEP/EKPC	170	170	Base Case	0	-30.9	-	18.2	0	-0.03%	-0.03%	0.00%	
1500	243291 05ENGLER 138 243338 05MCKINLEY3 138 1	243291	05ENGLER	243338	05MCKINLEY3	1	138	205	AEP	285	361	Base Case	0	51.8	-	18.19	0	-0.01%	-0.01%	0.02%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1501	247868 05N.CLAYTOR 138 247870 05CLAYTR HY2 138 1	247868	05N.CLAYTOR	247870	05CLAYTR HY2	1	138	205	AEP	136	167	Base Case	0	-24.7	-	18.18	0	0.00%	0.00%	0.02%	
1502	238586 02BRKSID 138 239076 02ROSS 138 1	238586	02BRKSID	239076	02ROSS	1	138	202	ATSI	251	290	Base Case	0	-45.6	-	18.18	0	0.36%	0.36%	0.07%	
1503	243320 05KANKAKEE2 138 243388 05W SIDE 138 1	243320	05KANKAKEE2	243388	05W SIDE	1	138	205	AEP	205	205	Base Case	0	37.3	-	18.18	0	-0.02%	-0.02%	-0.01%	
1504	250076 08MTGRY2 138 250094 08RMNTN1 138 1	250076	08MTGRY2	250094	08RMNTN1	1	138	212	DEO&K	198	198	Base Case	0	36	-	18.18	0	-0.01%	-0.01%	-0.03%	
1505	238528 02AETNA 138 239161 02WAKRON 138 1	238528	02AETNA	239161	02WAKRON	1	138	202	ATSI	124	124	Base Case	0	-22.5	-	18.15	0	-0.07%	-0.07%	-0.03%	
1506	239137 02THEIS 138 239148 02VALLEY 138 1	239137	02THEIS	239148	02VALLEY	1	138	202	ATSI	200	242	Base Case	0	36.2	-	18.1	0	0.04%	0.04%	-0.03%	
1507	239077 02RVERBD 138 239120 02SSPRNG 138 1	239077	02RVERBD	239120	02SSPRNG	1	138	202	ATSI	223	223	Base Case	0	-40.4	-	18.1	0	-0.13%	-0.13%	-0.03%	
1508	253047 09MIAMI 345 253090 09WMILTN 345 1	253047	09MIAMI	253090	09WMILTN	1	345	209	DAY	1195	1195	Base Case	0	-216.2	-	18.09	0	-0.48%	-0.48%	-0.10%	
1509	243151 05WMILLS 138 243158 05WOOSTE 138 1	243151	05WMILLS	243158	05WOOSTE	1	138	205	AEP	185	250	Base Case	0	33.4	-	18.07	0	-0.21%	-0.21%	0.04%	
1510	242673 05HUBTWN 138 243669 05B SAND 138 1	242673	05HUBTWN	243669	05B SAND	1	138	205	AEP	292	330	Base Case	0	-52.7	-	18.05	0	0.00%	0.00%	0.17%	
1511	243006 05FOSTOR 138 243039 05MELMOR 138 1	243006	05FOSTOR	243039	05MELMOR	1	138	205	AEP	167	167	Base Case	0	30.1	-	18.04	0	-0.13%	-0.13%	-0.01%	
1512	243511 05GAY 138 243580 05SULVNT 138 1	243511	05GAY	243580	05SULVNT	1	138	205	AEP	231	277	Base Case	0	-41.6	-	18.02	0	-0.08%	-0.08%	-0.02%	
1513	247370 05MUSKNG1A 138 247434 05MUSKNG_DSZ 138 ZR	247370	05MUSKNG1A	247434	05MUSKNG_DSZ	ZR	138	205	AEP	747	747	Base Case	0	-134.5	-	18.01	0	-0.35%	-0.35%	-0.06%	
1514	238904 02LMQ-11 138 241922 02ELQ2 138 1	238904	02LMQ-11	241922	02ELQ2	1	138	202	ATSI	324	382	Base Case	0	-58.2	-	17.97	0	0.16%	0.16%	-0.05%	
1515	242650 05GLENL1 138 242668 05HINTON 138 1	242650	05GLENL1	242668	05HINTON	1	138	205	AEP	388	416	Base Case	0	69.7	-	17.96	0	0.08%	0.08%	0.72%	
1516	242520 05J.FERR 500 306719 8ANTIOCH 500 1	242520	05J.FERR	306719	8ANTIOCH	1	500	205/342	AEP/DUK	2204	2490	Base Case	0	-395.7	-	17.95	0	0.47%	0.47%	9.26%	
1517	242714 05MEADWV 138 242789 05SALTV2 138 1	242714	05MEADWV	242789	05SALTV2	1	138	205	AEP	136	167	Base Case	0	24.4	-	17.95	0	-0.11%	-0.11%	-0.09%	
1518	242752 05PINCKZ 138 242761 05RAGLDZ 138 1	242752	05PINCKZ	242761	05RAGLDZ	1	138	205	AEP	167	167	Base Case	0	30	-	17.95	0	0.06%	0.06%	0.04%	
1519	242935 05E LIMA 345 243902 05HARDIN SS 345 1	242935	05E LIMA	243902	05HARDIN SS	1	345	205	AEP	897	1123	Base Case	0	-161	-	17.95	0	0.63%	0.63%	0.74%	
1520	243902 05HARDIN SS 345 243903 05GUNN RD SS 345 1	243902	05HARDIN SS	243903	05GUNN RD SS	1	345	205	AEP	897	1151	Base Case	0	-161	-	17.95	0	0.63%	0.63%	0.74%	
1521	238568 02BAYSHO 138 239140 02TOUSNT 138 1	238568	02BAYSHO	239140	02TOUSNT	1	138	202	ATSI	235	288	Base Case	0	42.1	-	17.93	0	-0.16%	-0.16%	-0.02%	
1522	243360 05POKAGO 138 246764 05SAUKTR 138 1	243360	05POKAGO	246764	05SAUKTR	1	138	205	AEP	335	392	Base Case	0	59.9	-	17.89	0	-0.02%	-0.02%	-0.04%	
1523	238777 02HAMIL+ 138 933720 AC2-195 TAP 138 1	238777	02HAMIL+	933720	AC2-195 TAP	1	138	202	ATSI	200	242	Base Case	0	35.8	-	17.88	0	0.07%	0.07%	-0.08%	
1524	238667 02DUALR+ 138 933720 AC2-195 TAP 138 1	238667	02DUALR+	933720	AC2-195 TAP	1	138	202	ATSI	200	242	Base Case	0	-35.8	-	17.88	0	0.07%	0.07%	-0.08%	
1525	242935 05E LIMA 345 242945 05SW LIM 345 1	242935	05E LIMA	242945	05SW LIM	1	345	205	AEP	971	971	Base Case	0	173.3	-	17.84	0	0.01%	0.01%	-0.47%	
1526	239123 02STAR 138 239238 02SEVM 138 1	239123	02STAR	239238	02SEVM	1	138	202	ATSI	233	282	Base Case	0	41.5	-	17.83	0	0.11%	0.11%	0.04%	
1527	242986 05CROOKS 138 243107 05SPENCR 138 1	242986	05CROOKS	243107	05SPENCR	1	138	205	AEP	134	167	Base Case	0	-23.9	-	17.82	0	-0.14%	-0.14%	0.15%	
1528	243247 05AUBURN 138 247790 05DUNTONLAKE 138 2	243247	05AUBURN	247790	05DUNTONLAKE	2	138	205	AEP	323	392	Base Case	0	-57.5	-	17.8	0	0.02%	0.02%	0.02%	
1529	243519 05HALLRD 138 243587 05WILSNZ 138 1	243519	05HALLRD	243587	05WILSNZ	1	138	205	AEP	223	223	Base Case	0	39.7	-	17.8	0	-0.07%	-0.07%	0.00%	
1530	239278 02BRDVIE 138 253085 09URBANA 138 1	239278	02BRDVIE	253085	09URBANA	1	138	202/209	ATSI/DAY	221	272	Base Case	0	-39.3	-	17.79	0	-0.07%	-0.07%	-0.02%	
1531	242550 05BEARSK 138 242802 05SMITHMTN 138 1	242550	05BEARSK	242802	05SMITHMTN	1	138	205	AEP	296	296	Base Case	0	-52.6	-	17.78	0	-0.09%	-0.09%	-1.54%	
1532	253057 09OHH 138 253255 09GEBHRT 138 1	253057	09OHH	253255	09GEBHRT	1	138	209	DAY	196	241	Base Case	0	-34.8	-	17.76	0	0.07%	0.07%	0.04%	
1533	243686 05EXCELT 138 243695 05JOHNSC 138 1	243686	05EXCELT	243695	05JOHNSC	1	138	205	AEP	410	527	Base Case	0	72.8	-	17.76	0	0.00%	0.00%	-0.14%	
1534	243215 05COOK 345 270139 AA2-116_TAP2 345 1	243215	05COOK	270139	AA2-116_TAP2	1	345	205	AEP	1409	1409	Base Case	0	249.5	-	17.7	0	-0.05%	-0.05%	-0.08%	
1535	247172 05EBERSO 138 247893 05FLAG CITY 138 1	247172	05EBERSO	247893	05FLAG CITY	1	138	205	AEP	150	212	Base Case	0	26.6	-	17.7	0	0.08%	0.08%	-0.06%	
1536	239144 02URBAN 138 239362 02INVOLTA 138 1	239144	02URBAN	239362	02INVOLTA	1	138	202	ATSI	233	282	Base Case	0	-41.2	-	17.7	0	-0.06%	-0.06%	-0.05%	
1537	253049 09MONUM1 138 253093 09WEBSTR 138 1	253049	09MONUM1	253093	09WEBSTR	1	138	209	DAY	301	374	Base Case	0	53.2	-	17.66	0	0.04%	0.04%	0.04%	
1538	242568 05BROOKV 138 247887 05MCCONVILLE 138 1	242568	05BROOKV	247887	05MCCONVILLE	1	138	205	AEP	167	245	Base Case	0	29.5	-	17.65	0	-0.02%	-0.02%	0.10%	
1539	243366 05ROB PK12 138 243389 05WALLEN 138 1	243366	05ROB PK12	243389	05WALLEN	1	138	205	AEP	287	337	Base Case	0	50.6	-	17.65	0	0.00%	0.00%	-0.05%	
1540	242819 05SULVN 138 244508 05RIGGS 138 1	242819	05SULVN	244508	05RIGGS	1	138	205	AEP	117	117	Base Case	0	20.6	-	17.64	0	0.03%	0.03%	0.27%	
1541	242773 05ROANO1 138 242840 05VINTON 138 1	242773	05ROANO1	242840	05VINTON	1	138	205	AEP	240	252	Base Case	0	-42.3	-	17.62	0	0.07%	0.07%	-0.12%	
1542	240988 02SHELBY_FS+ 138 240989 02SHELBY_FS 138 1	240988	02SHELBY_FS+	240989	02SHELBY_FS	1	138	202	ATSI	161	194	Base Case	0	28.4	-	17.61	0	0.00%	0.00%	0.00%	
1543	243331 05LINWOO 138 243368 05ROSEHI 138 1	243331	05LINWOO	243368	05ROSEHI	1	138	205	AEP	187	240	Base Case	0	-32.9	-	17.6	0	0.02%	0.02%	0.06%	
1544	238795 02HDGQ14 138 238924 02LTEQ14 138 1	238795	02HDGQ14	238924	02LTEQ14	1	138	202	ATSI	399	488	Base Case	0	70.2	-	17.59	0	-0.01%	-0.01%	0.01%	
1545	242536 05AMALOY 138 242807 05SPORN 138 1	242536	05AMALOY	242807	05SPORN	1	138	205	AEP	205	205	Base Case	0	-36	-	17.57	0	0.00%	0.00%	0.00%	
1546	238635 02CORTLD 138 238693 02ELM 138 1	238635	02CORTLD	238693	02ELM	1	138	202	ATSI	96	96	Base Case	0	-16.9	-	17.56	0	0.00%	0.00%	0.00%	
1547	253050 09MONUM2 138 253093 09WEBSTR 138 1	253050	09MONUM2	253093	09WEBSTR	1	138	209	DAY	218	269	Base Case	0	38.3	-	17.55	0	0.00%	0.00%	0.01%	
1548	238800 02HL Q-1 138 238810 02HO Q-1 138 1	238800	02HL Q-1	238810	02HO Q-1	1	138	202	ATSI	205	265	Base Case	0	-35.9	-	17.52	0	0.01%	0.01%	0.01%	
1549	242548 05BANCRO 138 242790 05S.BUFFALO 138 1	242548	05BANCRO	242790	05S.BUFFALO	1	138	205	AEP	334	334	Base Case	0	58.5	-	17.52	0	0.04%	0.04%	0.21%	
1550	238654 02DAV-BE 345 238889 02LEMOYN 345 1	238654	02DAV-BE	238889	02LEMOYN	1	345	202	ATSI	1411	1683	Base Case	0	247.1	-	17.51	0	1.51%	1.52%	-0.11%	
1551	238977 02N MED 138 239158 02W.MED 138 1	238977	02N MED	239158	02W.MED	1	138	202	ATSI	233	282	Base Case	0	40.8	-	17.51	0	-0.05%	-0.05%	-0.04%	
1552	247844 05CAPITOLH2 138 247846 05BULLIT ST1 138 1	247844	05CAPITOLH2	247846	05BULLIT ST1	1	138	205	AEP	296	413	Base Case	0	51.8	-	17.5	0	0.00%	0.00%	-0.09%	
1553	238568 02BAYSHO 138 238658 02DECANT 138 1	238568	02BAYSHO	238658	02DECANT	1	138	202	ATSI	235	287	Base Case	0	41	-	17.43	0	-0.17%	-0.17%	-0.03%	
1554	243458 05HYATT 345 246752 05VASSEL 345 1	243458	05HYATT	246752	05VASSEL	1	345	205	AEP	1370	1409	Base Case	0	-238.7	-	17.42	0	0.54%	0.54%	0.27%	
1555	243333 05MADISON1 138 243339 05MEADOW 138 1	243333	05MADISON1	243339	05MEADOW	1	138	205	AEP	136	167	Base Case	0	23.7	-	17.42	0	0.02%	0.02%	0.01%	
1556	239147 02UTTP2 138 239149 02VULCAN 138 ZL	239147	02UTTP2	239149	02VULCAN	ZL	138	202	ATSI	216	264	Base Case	0	37.6	-	17.41	0	0.04%	0.04%	-0.01%	
1557	243274 05DEER CRK1 138 246968 05DOOVIL 138 1	243274	05DEER CRK1	246968	05DOOVIL	1	138	205	AEP	187	240	Base Case	0	-32.6	-	17.41	0	-0.03%	-0.03%	-0.05%	
1558	253027 09GREENE 345 253079 09SUGRCK 345 1	253027	09GREENE	253079	09SUGRCK	1	345	209	DAY	1255	1374	Base Case	0	-218.4	-	17.4	0	-0.56%	-0.56%	-0.09%	
1559	243215 05COOK 345 270138 AA2-116_TAP1 345 1	243215	05COOK	270138	AA2-116_TAP1	1	345	205	AEP	1409	1409	Base Case	0	245.1	-	17.4	0	-0.06%	-0.06%	-0.08%	
1560	238543 02ASH_2 138 238544 02ASH_3 138 ZB	238543	02ASH_2	238544	02ASH_3	ZB	138	202	ATSI	999	999	Base Case	0	-173.7	-	17.39	0	0.46%	0.46%	-0.09%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1561	243690 05HATFLD 138 243694 05INEZ 138 1	243690	05HATFLD	243694	05INEZ	1	138	205	AEP	296	392	Base Case	0	-51.3	-	17.33	0	-0.03%	-0.03%	-0.10%	
1562	249566 08FOSTER 345 249578 08HILCRT 345 1	249566	08FOSTER	249578	08HILCRT	1	345	212	DEO&K	1455	1455	Base Case	0	-251.2	-	17.26	0	0.20%	0.20%	0.27%	
1563	250032 08FRFLD1 138 250066 08MLHSR1 138 1	250032	08FRFLD1	250066	08MLHSR1	1	138	212	DEO&K	198	198	Base Case	0	-34.2	-	17.25	0	0.02%	0.02%	-0.01%	
1564	253010 09BURDOX 138 253093 09WEBSTR 138 1	253010	09BURDOX	253093	09WEBSTR	1	138	209	DAY	306	380	Base Case	0	-52.7	-	17.22	0	0.00%	0.00%	0.02%	
1565	238852 02KD Q-3 138 238883 02LE Q-3 138 1	238852	02KD Q-3	238883	02LE Q-3	1	138	202	ATSI	273	332	Base Case	0	-46.9	-	17.19	0	0.00%	0.00%	0.00%	
1566	247806 05BELLRIDGSS 138 247807 05ROUSE 138 1	247806	05BELLRIDGSS	247807	05ROUSE	1	138	205	AEP	257	360	Base Case	0	-44.2	-	17.19	0	-0.15%	-0.15%	-0.14%	
1567	242627 05E.LYNC 138 242688 05JOSHUA 138 1	242627	05E.LYNC	242688	05JOSHUA	1	138	205	AEP	388	484	Base Case	0	-66.7	-	17.18	0	0.00%	0.00%	-0.47%	
1568	243481 05CANAL 138 243548 05MOUND 138 1	243481	05CANAL	243548	05MOUND	1	138	205	AEP	122	165	Base Case	0	20.9	-	17.16	0	-0.05%	-0.05%	0.03%	
1569	242633 05EDENSR 138 242849 05W.KINGSPT1 138 1	242633	05EDENSR	242849	05W.KINGSPT1	1	138	205	AEP	167	167	Base Case	0	-28.7	-	17.16	0	0.00%	0.00%	0.05%	
1570	238600 02CAIRNS 138 239196 02ARM+BU 138 1	238600	02CAIRNS	239196	02ARM+BU	1	138	202	ATSI	317	365	Base Case	0	54.4	-	17.15	0	-0.26%	-0.26%	0.03%	
1571	242634 05EDGEMO 138 242839 05VICKER 138 1	242634	05EDGEMO	242839	05VICKER	1	138	205	AEP	205	205	Base Case	0	35.2	-	17.15	0	-0.04%	-0.04%	-0.02%	
1572	242718 05MINNXM 138 242822 05SWITCHBACK 138 1	242718	05MINNXM	242822	05SWITCHBACK	1	138	205	AEP	296	296	Base Case	0	-50.7	-	17.13	0	-0.11%	-0.11%	-0.29%	
1573	250029 08FOSTER 138 250085 08PARK2 138 1	250029	08FOSTER	250085	08PARK2	1	138	212	DEO&K	301	301	Base Case	0	51.4	-	17.08	0	0.06%	0.06%	0.06%	
1574	242546 05BAILS1 138 242742 05PADFOR 138 1	242546	05BAILS1	242742	05PADFOR	1	138	205	AEP	219	223	Base Case	0	37.3	-	17.05	0	0.07%	0.07%	-0.12%	
1575	242844 05W.BASS 138 243799 05FIELDALE2 138 1	242844	05W.BASS	243799	05FIELDALE2	1	138	205	AEP	187	234	Base Case	0	-31.9	-	17.04	0	0.04%	0.04%	0.43%	
1576	242631 05EDAN 1 138 246972 05ROCKSP 138 1	242631	05EDAN 1	246972	05ROCKSP	1	138	205	AEP	257	349	Base Case	0	43.7	-	17.02	0	0.01%	0.01%	0.13%	
1577	243082 05ROCKHILL1 138 243765 05FORD LIMA1 138 1	243082	05ROCKHILL1	243765	05FORD LIMA1	1	138	205	AEP	167	240	Base Case	0	-28.4	-	17	0	0.01%	0.01%	-0.03%	
1578	239177 02WOODVI 138 245422 05W.END FOS2 138 1	239177	02WOODVI	245422	05W.END FOS2	1	138	202/205	ATSI/AEP	185	185	Base Case	0	31.4	-	16.97	0	0.01%	0.01%	-0.10%	
1579	242509 05AXTON 765 242514 05J.FERR 765 1	242509	05AXTON	242514	05J.FERR	1	765	205	AEP	1099	1099	Base Case	0	-186.5	-	16.97	0	-0.56%	-0.55%	-4.33%	
1580	250048 08KLEMN1 138 250049 08KLEMN2 138 Z1	250048	08KLEMN1	250049	08KLEMN2	Z1	138	212	DEO&K	406	454	Base Case	0	68.9	-	16.96	0	-0.03%	-0.03%	0.01%	
1581	238879 02LB Q13 138 239283 02PROQ13 138 1	238879	02LB Q13	239283	02PROQ13	1	138	202	ATSI	347	423	Base Case	0	58.8	-	16.94	0	0.00%	0.00%	0.00%	
1582	243091 05S.CALDWELL 138 243096 05SCUMBL 138 1	243091	05S.CALDWELL	243096	05SCUMBL	1	138	205	AEP	158	183	Base Case	0	26.7	-	16.92	0	-0.02%	-0.02%	0.02%	
1583	239132 02TALMDG 138 239320 02FLWR HOSP 138 1	239132	02TALMDG	239320	02FLWR HOSP	1	138	202	ATSI	278	287	Base Case	0	-47	-	16.91	0	-0.05%	-0.05%	0.01%	
1584	242528 05SPORN 345 248005 06KYGER 345 1	242528	05SPORN	248005	06KYGER	1	345	205/206	AEP/OVEC	1942	2332	Base Case	0	-328.2	-	16.9	0	-2.59%	-2.59%	-1.68%	
1585	243258 05CLEVEL 138 243517 05CAP AV 138 1	243258	05CLEVEL	243517	05CAP AV	1	138	205	AEP	205	284	Base Case	0	-34.5	-	16.82	0	-0.04%	-0.04%	-0.02%	
1586	242981 05CARROLLTN3 138 246126 05SUNNYSIDE2 138 1	242981	05CARROLLTN3	246126	05SUNNYSIDE2	1	138	205	AEP	335	392	Base Case	0	56.3	-	16.81	0	0.05%	0.05%	0.03%	
1587	243008 05FREMCT 138 243130 05TIFFIN 138 2	243008	05FREMCT	243130	05TIFFIN	2	138	205	AEP	283	396	Base Case	0	47.5	-	16.78	0	0.00%	0.00%	-0.09%	
1588	243008 05FREMCT 138 243130 05TIFFIN 138 1	243008	05FREMCT	243130	05TIFFIN	1	138	205	AEP	283	396	Base Case	0	47.5	-	16.78	0	0.00%	0.00%	-0.09%	
1589	243070 05OHIOCT 138 246010 05PHILO2 138 2	243070	05OHIOCT	246010	05PHILO2	2	138	205	AEP	136	167	Base Case	0	22.8	-	16.78	0	-0.12%	-0.12%	-0.06%	
1590	247829 05AVIATION 138 247831 05DALMATN SS 138 1	247829	05AVIATION	247831	05DALMATN SS	1	138	205	AEP	293	341	Base Case	0	-49.1	-	16.77	0	-0.02%	-0.02%	0.01%	
1591	250032 08FRFLD1 138 250131 08WILEY2 138 1	250032	08FRFLD1	250131	08WILEY2	1	138	212	DEO&K	198	198	Base Case	0	-33.2	-	16.75	0	-0.02%	-0.02%	0.02%	
1592	243146 05WHEBRO 138 243532 05KIRK 138 1	243146	05WHEBRO	243532	05KIRK	1	138	205	AEP	167	245	Base Case	0	28	-	16.74	0	0.06%	0.06%	0.01%	
1593	242920 05BELMON 765 242925 05KAMMER 765 1	242920	05BELMON	242925	05KAMMER	1	765	205	AEP	4047	4571	Base Case	0	677.1	-	16.73	0	-2.27%	-2.27%	3.09%	
1594	238544 02ASH_3 138 239098 02SBRNQ4 138 1	238544	02ASH_3	239098	02SBRNQ4	1	138	202	ATSI	148	151	Base Case	0	24.8	-	16.72	0	0.19%	0.19%	-0.04%	
1595	247527 05COVERT 345 256019 18PALISD 345 1	247527	05COVERT	256019	18PALISD	1	345	205/218	AEP/METC	1722	1919	Base Case	0	287.8	-	16.71	0	-0.55%	-0.55%	-0.27%	
1596	243305 05HACIEN 138 243366 05ROB PK12 138 1	243305	05HACIEN	243366	05ROB PK12	1	138	205	AEP	219	255	Base Case	0	-36.6	-	16.7	0	-0.03%	-0.03%	-0.02%	
1597	243264 05CONCOR 138 243283 05DUNLAP 138 1	243264	05CONCOR	243283	05DUNLAP	1	138	205	AEP	187	233	Base Case	0	-31.2	-	16.69	0	-0.02%	-0.02%	-0.01%	
1598	253031 09HALTER 138 253139 09ELDEAN 138 1	253031	09HALTER	253139	09ELDEAN	1	138	209	DAY	196	241	Base Case	0	-32.7	-	16.68	0	-0.05%	-0.05%	0.01%	
1599	243524 05HESS NORTH 138 245853 05HESS SOUTH 138 Z1	243524	05HESS NORTH	245853	05HESS SOUTH	Z1	138	205	AEP	158	183	Base Case	0	-26.3	-	16.68	0	-0.07%	-0.07%	-0.01%	
1600	238667 02DUALR+ 138 238668 02DUALRL 138 1	238667	02DUALR+	238668	02DUALRL	1	138	202	ATSI	98	114	Base Case	0	16.3	-	16.67	0	0.00%	0.00%	0.00%	
1601	247508 05SARDINIA 138 324267 4KENTON 138 1	247508	05SARDINIA	324267	4KENTON	1	138	205/363	AEP/LGEE	151	185	Base Case	0	-25.2	-	16.67	0	-0.06%	-0.06%	0.01%	
1602	253006 09BATH 345 253047 09MIAMI 345 1	253006	09BATH	253047	09MIAMI	1	345	209	DAY	1255	1374	Base Case	0	208.7	-	16.63	0	0.06%	0.06%	0.34%	
1603	242941 05OHIOCT 345 243070 05OHIOCT 138 1	242941	05OHIOCT	243070	05OHIOCT	1	345/138	205	AEP	753	830	Base Case	0	125.1	-	16.62	0	-0.31%	-0.31%	0.18%	
1604	238905 02LNC.PK 138 238910 02LOWELL 138 1	238905	02LNC.PK	238910	02LOWELL	1	138	202	ATSI	155	155	Base Case	0	-25.7	-	16.61	0	0.02%	0.02%	0.04%	
1605	238661 02DKQ-16 138 238983 02NASQ16 138 1	238661	02DKQ-16	238983	02NASQ16	1	138	202	ATSI	233	282	Base Case	0	38.7	-	16.6	0	0.02%	0.02%	0.00%	
1606	249574 08TDHNTR 345 249582 08GARVER 345 1	249574	08TDHNTR	249582	08GARVER	1	345	212	DEO&K	1509	1509	Base Case	0	250.5	-	16.6	0	-0.58%	-0.58%	-0.41%	
1607	239211 02IOQ-17 138 240350 02IV-NB+17 138 1	239211	02IOQ-17	240350	02IV-NB+17	1	138	202	ATSI	273	332	Base Case	0	45.3	-	16.58	0	-0.05%	-0.05%	0.02%	
1608	242521 05NAGEL 500 360102 8PHIPPS B NP 500 1	242521	05NAGEL	360102	8PHIPPS B NP	1	500	205/347	AEP/TVA	2522	2522	Base Case	0	-418	-	16.57	0	-0.73%	-0.73%	-0.85%	
1609	243885 05THORSS 138 243933 05AMBLER RDG 138 1	243885	05THORSS	243933	05AMBLER RDG	1	138	205	AEP	296	392	Base Case	0	48.9	-	16.54	0	-0.30%	-0.30%	0.05%	
1610	247804 05DEVOLA 138 247806 05BELLRIDGSS 138 1	247804	05DEVOLA	247806	05BELLRIDGSS	1	138	205	AEP	257	360	Base Case	0	-42.5	-	16.53	0	-0.15%	-0.15%	-0.14%	
1611	243225 05KEYSTN 345 243232 05SORENS 345 1	243225	05KEYSTN	243232	05SORENS	1	345	205	AEP	897	1301	Base Case	0	148.1	-	16.51	0	-0.03%	-0.03%	0.32%	
1612	246761 05THREEC 138 246762 05GRFN W 138 1	246761	05THREEC	246762	05GRFN W	1	138	205	AEP	140	140	Base Case	0	23.1	-	16.5	0	0.00%	0.00%	0.00%	
1613	243307 05HARTFO 138 243386 05VALLY 138 1	243307	05HARTFO	243386	05VALLY	1	138	205	AEP	219	251	Base Case	0	36.1	-	16.49	0	0.00%	0.00%	-0.01%	
1614	243355 05ONTWA8 SS 138 246764 05SAUKTR 138 1	243355	05ONTWA8 SS	246764	05SAUKTR	1	138	205	AEP	335	392	Base Case	0	-55.2	-	16.48	0	-0.02%	-0.02%	-0.04%	
1615	243377 05SORENS 138 246982 05HUNT JT_BP 138 1	243377	05SORENS	246982	05HUNT JT_BP	1	138	205	AEP	136	167	Base Case	0	22.4	-	16.47	0	-0.01%	-0.01%	-0.06%	
1616	245511 05INDUST PK2 138 246373 05SPY RUN1 138 1	245511	05INDUST PK2	246373	05SPY RUN1	1	138	205	AEP	287	337	Base Case	0	47.3	-	16.46	0	0.00%	0.00%	0.03%	
1617	243374 05SELWOO 138 243920 05MAKAHOY 138 1	243374	05SELWOO	243920	05MAKAHOY	1	138	205	AEP	158	183	Base Case	0	-25.9	-	16.42	0	0.00%	0.00%	0.00%	
1618	243218 05DESOTO 345 243222 05FALL C 345 1	243218	05DESOTO	243222	05FALL C	1	345	205	AEP	1025	1318	Base Case	0	-168.2	-	16.41	0	-0.18%	-0.18%	0.41%	
1619	242986 05CROOKS 138 243104 05SLANCS 138 1	242986	05CROOKS	243104	05SLANCS	1	138	205	AEP	167	167	Base Case	0	27.4	-	16.41	0	0.06%	0.06%	-0.01%	
1620	238859 02KIQ-11 138 238932 02LYDQ11 138 1	238859	02KIQ-11	238932	02LYDQ11	1	138	202	ATSI	273	332	Base Case	0	-44.8	-	16.41	0	0.16%	0.16%	-0.05%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1621	243387 05VANBUR 138 246982 05HUNT JT_BP 138 1	243387	05VANBUR	246982	05HUNT JT_BP	1	138	205	AEP	136	167	Base Case	0	-22.3	-	16.39	0	-0.01%	-0.01%	-0.06%	
1622	242998 05EPOINT 138 243001 05EZANEV 138 1	242998	05EPOINT	243001	05EZANEV	1	138	205	AEP	205	284	Base Case	0	33.6	-	16.38	0	-0.11%	-0.11%	-0.06%	
1623	247715 05BLUE RACER 138 247757 05HERLAN SW 138 1	247715	05BLUE RACER	247757	05HERLAN SW	1	138	205	AEP	296	413	Base Case	0	-48.4	-	16.34	0	0.03%	0.03%	-0.01%	
1624	243049 05NATRIUM12 138 243119 05SOMERTON Z 138 1	243049	05NATRIUM12	243119	05SOMERTON Z	1	138	205	AEP	187	240	Base Case	0	30.5	-	16.34	0	0.12%	0.12%	-0.03%	
1625	243466 05ASTOR 138 244868 05BRICE 138 1	243466	05ASTOR	244868	05BRICE	1	138	205	AEP	191	222	Base Case	0	-31.2	-	16.33	0	-0.03%	-0.03%	0.01%	
1626	243456 05CORRID 345 243855 05JUG ST 345 1	243456	05CORRID	243855	05JUG ST	1	345	205	AEP	1868	1868	Base Case	0	305	-	16.33	0	0.37%	0.37%	-0.07%	
1627	238843 02JNPRQ4 138 239052 02PV Q4 138 1	238843	02JNPRQ4	239052	02PV Q4	1	138	202	ATSI	265	332	Base Case	0	43.2	-	16.31	0	0.18%	0.18%	-0.03%	
1628	242673 05HUBTWN 138 242835 05TRISTA 138 1	242673	05HUBTWN	242835	05TRISTA	1	138	205	AEP	251	335	Base Case	0	40.9	-	16.3	0	0.00%	0.00%	0.17%	
1629	243219 05DUMONT 345 255113 17STILLWELL 345 1	243219	05DUMONT	255113	17STILLWELL	1	345	205/217	AEP/NIPS	1409	1409	Base Case	0	-229.5	-	16.29	0	-1.29%	-1.29%	-0.92%	
1630	238975 02N EAST 138 239239 02MEDCO 138 1	238975	02N EAST	239239	02MEDCO	1	138	202	ATSI	194	237	Base Case	0	-31.6	-	16.27	0	-0.08%	-0.08%	0.02%	
1631	238840 02JNPRQ1 138 239049 02PV Q1 138 1	238840	02JNPRQ1	239049	02PV Q1	1	138	202	ATSI	267	332	Base Case	0	43.4	-	16.27	0	0.16%	0.16%	-0.04%	
1632	243056 05NEWCOM 138 243144 05WCAMBR 138 1	243056	05NEWCOM	243144	05WCAMBR	1	138	205	AEP	287	291	Base Case	0	-46.6	-	16.24	0	-0.12%	-0.12%	0.11%	
1633	238637 02CPP LS 138 238660 02DIVISN 138 1	238637	02CPP LS	238660	02DIVISN	1	138	202	ATSI	170	193	Base Case	0	-27.6	-	16.23	0	-0.22%	-0.22%	-0.01%	
1634	242971 05BRYAN 138 243029 05LCKWRD 138 1	242971	05BRYAN	243029	05LCKWRD	1	138	205	AEP	232	232	Base Case	0	-37.6	-	16.23	0	0.00%	0.00%	0.00%	
1635	250055 08LTERL7 138 250056 08LTERL8 138 Z1	250055	08LTERL7	250056	08LTERL8	Z1	138	212	DEO&K	394	394	Base Case	0	63.9	-	16.23	0	0.02%	0.02%	0.01%	
1636	238878 02LB Q12 138 239282 02PROQ12 138 1	238878	02LB Q12	239282	02PROQ12	1	138	202	ATSI	355	434	Base Case	0	57.6	-	16.22	0	0.00%	0.00%	0.00%	
1637	238812 02HOYTDL 345 239936 02MCCLELLAND 345 1	238812	02HOYTDL	239936	02MCCLELLAND	1	345	202	ATSI	1380	1646	Base Case	0	-223.5	-	16.2	0	-0.57%	-0.57%	-0.27%	
1638	238877 02LAQ-13 138 239283 02PROQ13 138 1	238877	02LAQ-13	239283	02PROQ13	1	138	202	ATSI	347	423	Base Case	0	-56.1	-	16.18	0	0.00%	0.00%	0.00%	
1639	242564 05BRADL1 138 242653 05GRANDV 138 1	242564	05BRADL1	242653	05GRANDV	1	138	205	AEP	335	392	Base Case	0	54.2	-	16.18	0	-0.04%	-0.04%	-0.61%	
1640	238710 02EYQ-14 138 238711 02EYTP14 138 1	238710	02EYQ-14	238711	02EYTP14	1	138	202	ATSI	347	423	Base Case	0	-56.1	-	16.17	0	-0.15%	-0.15%	-0.02%	
1641	249987 08BETHNY 138 250098 08SHAKER 138 1	249987	08BETHNY	250098	08SHAKER	1	138	212	DEO&K	394	394	Base Case	0	-63.7	-	16.16	0	-0.06%	-0.06%	-0.06%	
1642	242525 05KANAWH 345 242528 05SPORN 345 1	242525	05KANAWH	242528	05SPORN	1	345	205	AEP	943	943	Base Case	0	-152.3	-	16.15	0	-0.39%	-0.39%	-1.36%	
1643	239739 02CROMWELL 138 241926 02ASTORQ14 138 1	239739	02CROMWELL	241926	02ASTORQ14	1	138	202	ATSI	435	500	Base Case	0	70.2	-	16.13	0	-0.29%	-0.29%	-0.02%	
1644	243088 05S.POINT1 138 245615 05S.POINT2 138 Z1	243088	05S.POINT1	245615	05S.POINT2	Z1	138	205	AEP	240	309	Base Case	0	38.7	-	16.12	0	-0.07%	-0.07%	0.04%	
1645	242556 05BLUEFLD AV 138 242784 05S.BLUE 138 1	242556	05BLUEFLD AV	242784	05S.BLUE	1	138	205	AEP	251	251	Base Case	0	40.5	-	16.12	0	-0.13%	-0.13%	-0.26%	
1646	238569 02BEAVER 345 238607 02CARLIL 345 1	238569	02BEAVER	238607	02CARLIL	1	345	202	ATSI	1380	1646	Base Case	0	221.9	-	16.08	0	-1.45%	-1.45%	-0.47%	
1647	243208 05JEFRSO 765 242865 05JEFRSO 345 2	243208	05JEFRSO	242865	05JEFRSO	2	765/345	205	AEP	2889	3039	Base Case	0	464.2	-	16.07	0	-0.08%	-0.08%	-0.15%	
1648	247064 05KANAWHA2 138 247092 05KANAWH_BSZ 138 ZM	247064	05KANAWHA2	247092	05KANAWH_BSZ	ZM	138	205	AEP	383	449	Base Case	0	-61.5	-	16.06	0	0.01%	0.01%	-0.09%	
1649	243015 05GREENL 138 243130 05TIFFIN 138 1	243015	05GREENL	243130	05TIFFIN	1	138	205	AEP	257	360	Base Case	0	-41.3	-	16.06	0	-0.01%	-0.01%	-0.08%	
1650	238896 02LIMECT 138 239227 02-1STSL 138 1	238896	02LIMECT	239227	02-1STSL	1	138	202	ATSI	288	353	Base Case	0	46.2	-	16.05	0	-0.03%	-0.03%	0.01%	
1651	242705 05LOGAN2 138 247634 05LYBURN SS 138 1	242705	05LOGAN2	247634	05LYBURN SS	1	138	205	AEP	296	413	Base Case	0	-47.4	-	16.01	0	0.08%	0.08%	0.20%	
1652	242522 05AMOS 345 242528 05SPORN 345 1	242522	05AMOS	242528	05SPORN	1	345	205	AEP	897	897	Base Case	0	143.5	-	16	0	0.07%	0.07%	0.87%	
1653	238763 02GR Q-4 138 239052 02PV Q4 138 1	238763	02GR Q-4	239052	02PV Q4	1	138	202	ATSI	103	132	Base Case	0	-16.4	-	15.94	0	0.24%	0.24%	0.03%	
1654	243664 05HAZARD 161 243693 05HAZRD2 138 1	243664	05HAZARD	243693	05HAZRD2	1	161/138	205	AEP	350	350	Base Case	0	55.6	-	15.87	0	-0.11%	-0.11%	-0.04%	
1655	242658 05GREENB 138 242777 05RONCVR 138 1	242658	05GREENB	242777	05RONCVR	1	138	205	AEP	110	110	Base Case	0	-17.4	-	15.84	0	0.00%	0.00%	0.00%	
1656	243366 05ROB PK12 138 246993 05PURDUE 138 1	243366	05ROB PK12	246993	05PURDUE	1	138	205	AEP	296	392	Base Case	0	46.9	-	15.84	0	0.00%	0.00%	-0.03%	
1657	243342 05MILAN 138 243877 05DAWKNS 138 1	243342	05MILAN	243877	05DAWKNS	1	138	205	AEP	167	245	Base Case	0	-26.4	-	15.84	0	0.03%	0.03%	0.02%	
1658	249570 08P.UNON 345 249575 08TERMNL 345 1	249570	08P.UNON	249575	08TERMNL	1	345	212	DEO&K	1509	1509	Base Case	0	-238.9	-	15.83	0	-0.46%	-0.46%	-0.21%	
1659	243703 05TOPMOS 138 244688 05BEAVER CR2 138 1	243703	05TOPMOS	244688	05BEAVER CR2	1	138	205	AEP	158	183	Base Case	0	-24.9	-	15.78	0	0.09%	0.09%	0.05%	
1660	243279 05DIAMND 138 243890 05WOODSR 138 1	243279	05DIAMND	243890	05WOODSR	1	138	205	AEP	251	335	Base Case	0	39.5	-	15.75	0	-0.09%	-0.09%	-0.06%	
1661	242540 05APPLE1 138 243095 05SCOTTOWNSS 138 1	242540	05APPLE1	243095	05SCOTTOWNSS	1	138	205	AEP	167	167	Base Case	0	-26.3	-	15.72	0	-0.03%	-0.03%	0.07%	
1662	238876 02LAQ-12 138 239282 02PROQ12 138 1	238876	02LAQ-12	239282	02PROQ12	1	138	202	ATSI	355	434	Base Case	0	-55.8	-	15.72	0	0.00%	0.00%	0.00%	
1663	238617 02CHMBER 138 238814 02HUDMUN 138 1	238617	02CHMBER	238814	02HUDMUN	1	138	202	ATSI	200	242	Base Case	0	31.4	-	15.69	0	-0.02%	-0.02%	-0.03%	
1664	242549 05BANSTR 138 242550 05BEARSK 138 1	242549	05BANSTR	242550	05BEARSK	1	138	205	AEP	335	392	Base Case	0	-52.5	-	15.68	0	-0.09%	-0.09%	-1.54%	
1665	246102 05CARROLLTN2 138 246167 05CARROLLTN1 138 ZP	246102	05CARROLLTN2	246167	05CARROLLTN1	ZP	138	205	AEP	548	555	Base Case	0	85.8	-	15.67	0	0.10%	0.10%	0.01%	
1666	245533 05HOLLOWAY34 138 247131 05HOLLOWAY12 138 Z1	245533	05HOLLOWAY34	247131	05HOLLOWAY12	Z1	138	205	AEP	747	747	Base Case	0	116.7	-	15.62	0	-0.05%	-0.05%	0.10%	
1667	245533 05HOLLOWAY34 138 247131 05HOLLOWAY12 138 Z2	245533	05HOLLOWAY34	247131	05HOLLOWAY12	Z2	138	205	AEP	747	747	Base Case	0	116.7	-	15.62	0	-0.05%	-0.05%	0.10%	
1668	242555 05BLAINE 138 242773 05ROANO1 138 1	242555	05BLAINE	242773	05ROANO1	1	138	205	AEP	219	223	Base Case	0	34.2	-	15.61	0	-0.04%	-0.04%	0.57%	
1669	239316 02WASHREC 138 239988 02FE-POLO 138 1	239316	02WASHREC	239988	02FE-POLO	1	138	202	ATSI	275	333	Base Case	0	-42.9	-	15.61	0	-0.13%	-0.13%	0.07%	
1670	243218 05DESOTO 345 243792 05LOSANTVILL 345 2	243218	05DESOTO	243792	05LOSANTVILL	2	345	205	AEP	1025	1132	Base Case	0	-159.9	-	15.6	0	0.14%	0.14%	0.20%	
1671	242958 05BATTLE 138 243133 05VALLEY GRV 138 2	242958	05BATTLE	243133	05VALLEY GRV	2	138	205	AEP	205	205	Base Case	0	31.8	-	15.52	0	0.15%	0.15%	-0.10%	
1672	244022 05COLE 345 244023 05COLE 138 2	244022	05COLE	244023	05COLE	2	345/138	205	AEP	941	956	Base Case	0	145.9	-	15.51	0	-0.07%	-0.07%	-0.02%	
1673	238727 02WLBCT+ 138 238936 02MACLEA 138 1	238727	02WLBCT+	238936	02MACLEA	1	138	202	ATSI	278	343	Base Case	0	-43.1	-	15.5	0	0.03%	0.03%	-0.01%	
1674	243467 05E.BROAD3 138 243532 05KIRK 138 1	243467	05E.BROAD3	243532	05KIRK	1	138	205	AEP	297	338	Base Case	0	-46	-	15.5	0	0.03%	0.03%	-0.01%	
1675	242563 05BOXWD 138 242603 05CLIFFR 138 1	242563	05BOXWD	242603	05CLIFFR	1	138	205	AEP	167	167	Base Case	0	25.9	-	15.49	0	-0.30%	-0.30%	-0.65%	
1676	242986 05CROOKS 138 244560 05ISABELLA 138 1	242986	05CROOKS	244560	05ISABELLA	1	138	205	AEP	124	124	Base Case	0	19.2	-	15.46	0	0.03%	0.03%	0.04%	
1677	242952 05SHEPLER SS 138 245109 05AGAGAS 138 1	242952	05SHEPLER SS	245109	05AGAGAS	1	138	205	AEP	145	177	Base Case	0	22.4	-	15.44	0	0.00%	0.00%	0.00%	
1678	238703 02ESPRNG 138 238908 02LONDON 138 1	238703	02ESPRNG	238908	02LONDON	1	138	202	ATSI	200	242	Base Case	0	-30.9	-	15.43	0	0.07%	0.07%	0.03%	
1679	243275 05DELAWR1 138 245803 05DELAWR2 138 Z1	243275	05DELAWR1	245803	05DELAWR2	Z1	138	205	AEP	110	120	Base Case	0	17	-	15.43	0	0.02%	0.02%	-0.05%	
1680	238962 02MIDWAY 138 239263 02STLUKE 138 1	238962	02MIDWAY	239263	02STLUKE	1	138	202	ATSI	288	346	Base Case	0	44.4	-	15.43	0	0.00%	0.00%	0.01%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1681	243284 05DUPONT 138 243890 05WOODSR 138 1	243284	05DUPONT	243890	05WOODSR	1	138	205	AEP	219	255	Base Case	0	-33.7	-	15.4	0	-0.09%	-0.09%	-0.06%	
1682	243312 05HUMMEL 138 246968 05DOOVIL 138 1	243312	05HUMMEL	246968	05DOOVIL	1	138	205	AEP	251	251	Base Case	0	38.5	-	15.35	0	-0.03%	-0.03%	-0.05%	
1683	242787 05MIDDLEB SS 138 243019 05HILLSB 138 1	242787	05MIDDLEB SS	243019	05HILLSB	1	138	205	AEP	300	300	Base Case	0	-46	-	15.34	0	0.07%	0.07%	0.12%	
1684	242589 05CENTCR 138 243883 05LAKEFR 138 1	242589	05CENTCR	243883	05LAKEFR	1	138	205	AEP	167	245	Base Case	0	-25.6	-	15.32	0	-0.01%	-0.01%	-0.23%	
1685	242772 05RIVERV 138 247632 05AMHERST 138 1	242772	05RIVERV	247632	05AMHERST	1	138	205	AEP	219	251	Base Case	0	33.5	-	15.29	0	-0.14%	-0.14%	-0.40%	
1686	243386 05VALLY 138 247329 05STINGER 138 1	243386	05VALLY	247329	05STINGER	1	138	205	AEP	251	251	Base Case	0	38.3	-	15.24	0	-0.01%	-0.01%	-0.01%	
1687	244023 05COLE 138 247199 05AMLIN 138 1	244023	05COLE	247199	05AMLIN	1	138	205	AEP	564	683	Base Case	0	86	-	15.24	0	-0.07%	-0.07%	-0.01%	
1688	242744 05PATCTR 138 243799 05FIELDALE2 138 1	242744	05PATCTR	243799	05FIELDALE2	1	138	205	AEP	293	341	Base Case	0	44.6	-	15.24	0	-0.03%	-0.03%	0.24%	
1689	238785 02JOHNMAN-2 138 239070 02RICHLD 138 1	238785	02JOHNMAN-2	239070	02RICHLD	1	138	202	ATSI	216	264	Base Case	0	-32.9	-	15.23	0	0.00%	0.00%	0.00%	
1690	238782 02HANNA 138 238999 02NFALLS 138 1	238782	02HANNA	238999	02NFALLS	1	138	202	ATSI	275	333	Base Case	0	-41.8	-	15.21	0	0.10%	0.10%	0.00%	
1691	242589 05CENTCR 138 242681 05IVY HL 138 1	242589	05CENTCR	242681	05IVY HL	1	138	205	AEP	167	245	Base Case	0	25.4	-	15.21	0	-0.01%	-0.01%	-0.23%	
1692	242626 05E.HUNTING2 138 245664 05E.HUNTING1 138 Z1	242626	05E.HUNTING2	245664	05E.HUNTING1	Z1	138	205	AEP	287	337	Base Case	0	-43.6	-	15.17	0	-0.01%	-0.01%	-0.03%	
1693	242989 05E LIMA 138 243125 05THAYER 138 1	242989	05E LIMA	243125	05THAYER	1	138	205	AEP	219	223	Base Case	0	33.2	-	15.17	0	0.05%	0.05%	-0.05%	
1694	238664 02DOBINS 138 238910 02LOWELL 138 1	238664	02DOBINS	238910	02LOWELL	1	138	202	ATSI	204	209	Base Case	0	30.9	-	15.16	0	-0.01%	-0.01%	0.06%	
1695	238528 02AETNA 138 238560 02BABB 138 1	238528	02AETNA	238560	02BABB	1	138	202	ATSI	233	282	Base Case	0	35.3	-	15.15	0	0.03%	0.03%	0.05%	
1696	243245 05ANTHYZ 138 245832 05LINCOLN2 138 1	243245	05ANTHYZ	245832	05LINCOLN2	1	138	205	AEP	251	251	Base Case	0	-38	-	15.13	0	0.07%	0.07%	0.05%	
1697	247106 05VARNER 138 247790 05DUNTONLAKE 138 1	247106	05VARNER	247790	05DUNTONLAKE	1	138	205	AEP	257	360	Base Case	0	38.8	-	15.1	0	0.00%	0.00%	-0.01%	
1698	239215 02BRIGHT 138 239216 02TROY 138 1	239215	02BRIGHT	239216	02TROY	1	138	202	ATSI	157	189	Base Case	0	23.7	-	15.09	0	0.08%	0.08%	-0.11%	
1699	243933 05AMBLER RDG 138 247793 05LINDEN RD 138 1	243933	05AMBLER RDG	247793	05LINDEN RD	1	138	205	AEP	296	413	Base Case	0	44.6	-	15.07	0	-0.30%	-0.30%	0.05%	
1700	245822 05LIGONIER1 138 247433 05CHARGER 138 Z1	245822	05LIGONIER1	247433	05CHARGER	Z1	138	205	AEP	94	105	Base Case	0	-14.2	-	15.07	0	0.00%	0.00%	0.00%	
1701	238532 02ALLNJB 138 239344 02ALLEN-2 138 ZB	238532	02ALLNJB	239344	02ALLEN-2	ZB	138	202	ATSI	563	563	Base Case	0	-84.8	-	15.07	0	-0.07%	-0.07%	0.01%	
1702	238962 02MIDWAY 138 238979 02NAPMUN 138 1	238962	02MIDWAY	238979	02NAPMUN	1	138	202	ATSI	161	194	Base Case	0	24.3	-	15.07	0	0.08%	0.08%	0.01%	
1703	242736 05OAKLEV 138 243799 05FIELDALE2 138 1	242736	05OAKLEV	243799	05FIELDALE2	1	138	205	AEP	223	223	Base Case	0	-33.6	-	15.05	0	-0.05%	-0.05%	0.40%	
1704	238700 02EPWRTH 138 239058 02BRUSHCRK 138 1	238700	02EPWRTH	239058	02BRUSHCRK	1	138	202	ATSI	278	339	Base Case	0	41.8	-	15.04	0	0.03%	0.03%	0.00%	
1705	239010 02NORDON 138 239617 02SOUREK 138 1	239010	02NORDON	239617	02SOUREK	1	138	202	ATSI	200	242	Base Case	0	30.1	-	15.04	0	0.08%	0.08%	-0.02%	
1706	243110 05STIFFI 138 243137 05W.END FOS1 138 1	243110	05STIFFI	243137	05W.END FOS1	1	138	205	AEP	167	167	Base Case	0	-25.1	-	15.03	0	-0.09%	-0.09%	-0.01%	
1707	243665 05LESLIE 161 243668 05WOOTON 161 1	243665	05LESLIE	243668	05WOOTON	1	161	205	AEP	192	208	Base Case	0	28.8	-	15.03	0	-0.02%	-0.02%	0.05%	
1708	238701 02ERQ-11 138 238743 02ER-DNB+Q11 138 1	238701	02ERQ-11	238743	02ER-DNB+Q11	1	138	202	ATSI	273	332	Base Case	0	-41	-	15.02	0	0.00%	0.00%	0.00%	
1709	243136 05W LIMA 138 243777 05LIMA REFIN 138 Z2	243136	05W LIMA	243777	05LIMA REFIN	Z2	138	205	AEP	347	347	Base Case	0	52	-	15	0	0.00%	0.00%	0.00%	
1710	243136 05W LIMA 138 243777 05LIMA REFIN 138 Z1	243136	05W LIMA	243777	05LIMA REFIN	Z1	138	205	AEP	347	347	Base Case	0	52	-	15	0	0.00%	0.00%	0.00%	
1711	243242 05ALLEN 138 243330 05LINCOLN1 138 2	243242	05ALLEN	243330	05LINCOLN1	2	138	205	AEP	260	260	Base Case	0	39	-	14.99	0	0.05%	0.05%	0.03%	
1712	253004 09AMSTRD 138 253150 09HNDAAT 138 1	253004	09AMSTRD	253150	09HNDAAT	1	138	209	DAY	221	272	Base Case	0	-33.1	-	14.98	0	0.03%	0.03%	0.02%	
1713	242993 05E.LEIPSIC2 138 246354 05E.LEIPSIC1 138 ZG	242993	05E.LEIPSIC2	246354	05E.LEIPSIC1	ZG	138	205	AEP	329	361	Base Case	0	49.2	-	14.96	0	-0.06%	-0.06%	-0.10%	
1714	242549 05BANSTR 138 242632 05EDAN 2 138 1	242549	05BANSTR	242632	05EDAN 2	1	138	205	AEP	296	296	Base Case	0	44.3	-	14.96	0	-0.09%	-0.09%	-1.54%	
1715	238575 02BLUBEL 138 239299 02BRLAKE 138 1	238575	02BLUBEL	239299	02BRLAKE	1	138	202	ATSI	117	147	Base Case	0	-17.5	-	14.95	0	0.16%	0.16%	-0.07%	
1716	242510 05BAKER 765 242511 05BROADF 765 1	242510	05BAKER	242511	05BROADF	1	765	205	AEP	4142	4142	Base Case	0	619.1	-	14.95	0	-1.72%	-1.72%	-8.23%	
1717	243004 05FINDLC 138 243033 05THORNWD SS 138 1	243004	05FINDLC	243033	05THORNWD SS	1	138	205	AEP	200	254	Base Case	0	-29.9	-	14.94	0	0.01%	0.01%	0.00%	
1718	242755 05PIPERS 138 245117 05W.CARROLL 138 1	242755	05PIPERS	245117	05W.CARROLL	1	138	205	AEP	251	251	Base Case	0	37.5	-	14.92	0	0.03%	0.03%	0.07%	
1719	238960 02MIDW K 138 239371 02DOWLING 138 1	238960	02MIDW K	239371	02DOWLING	1	138	202	ATSI	158	190	Base Case	0	-23.6	-	14.92	0	0.06%	0.06%	0.01%	
1720	242767 05RIDGWA 138 242797 05SHEFLD 138 1	242767	05RIDGWA	242797	05SHEFLD	1	138	205	AEP	167	167	Base Case	0	24.9	-	14.9	0	0.01%	0.01%	0.46%	
1721	242976 05BUCYRC 138 243117 05SULFRS 138 1	242976	05BUCYRC	243117	05SULFRS	1	138	205	AEP	164	180	Base Case	0	-24.4	-	14.88	0	0.03%	0.03%	0.01%	
1722	242959 05BELDVL 138 243142 05WAYVIE 138 1	242959	05BELDVL	243142	05WAYVIE	1	138	205	AEP	251	335	Base Case	0	37.3	-	14.86	0	0.02%	0.02%	0.01%	
1723	242981 05CARROLLTN3 138 246167 05CARROLLTN1 138 ZN	242981	05CARROLLTN3	246167	05CARROLLTN1	ZN	138	205	AEP	548	555	Base Case	0	-81.3	-	14.83	0	0.10%	0.10%	0.01%	
1724	243422 05POINTL 138 247794 05COCO 138 1	243422	05POINTL	247794	05COCO	1	138	205	AEP	180	227	Base Case	0	-26.7	-	14.81	0	-0.04%	-0.04%	-0.24%	
1725	243490 05CORNER 138 243496 05CONGRES SS 138 1	243490	05CORNER	243496	05CONGRES SS	1	138	205	AEP	195	220	Base Case	0	-28.8	-	14.78	0	0.24%	0.24%	0.14%	
1726	245533 05HOLLOWAY34 138 245539 05HOLLOWAY56 138 Z3	245533	05HOLLOWAY34	245539	05HOLLOWAY56	Z3	138	205	AEP	747	747	Base Case	0	-110.3	-	14.76	0	0.02%	0.02%	-0.03%	
1727	245533 05HOLLOWAY34 138 245539 05HOLLOWAY56 138 Z4	245533	05HOLLOWAY34	245539	05HOLLOWAY56	Z4	138	205	AEP	747	747	Base Case	0	-110.3	-	14.76	0	0.02%	0.02%	-0.03%	
1728	239371 02DOWLING 138 240990 02HOMEDEPOT 138 1	239371	02DOWLING	240990	02HOMEDEPOT	1	138	202	ATSI	252	291	Base Case	0	-37.2	-	14.76	0	0.08%	0.08%	0.01%	
1729	244142 05MARQUETTE 138 244143 05KUCHAR 138 1	244142	05MARQUETTE	244143	05KUCHAR	1	138	205	AEP	251	335	Base Case	0	-37	-	14.75	0	0.08%	0.08%	0.05%	
1730	243680 05CEDARC 138 243695 05JOHNSC 138 1	243680	05CEDARC	243695	05JOHNSC	1	138	205	AEP	296	378	Base Case	0	-43.6	-	14.74	0	0.09%	0.09%	-0.08%	
1731	243274 05DEER CRK1 138 246051 05DEER CRK2 138 Z1	243274	05DEER CRK1	246051	05DEER CRK2	Z1	138	205	AEP	187	240	Base Case	0	-27.5	-	14.71	0	-0.04%	-0.04%	0.00%	
1732	239048 02PPPINE 138 239058 02BRUSHCRK 138 1	239048	02PPPINE	239058	02BRUSHCRK	1	138	202	ATSI	265	316	Base Case	0	-39	-	14.7	0	0.03%	0.03%	0.00%	
1733	242669 05HOLST1 138 242739 05OREBANK 138 1	242669	05HOLST1	242739	05OREBANK	1	138	205	AEP	167	167	Base Case	0	-24.5	-	14.68	0	-0.01%	-0.01%	-0.05%	
1734	243019 05HILLSB 138 246911 05HIGHLA 138 1	243019	05HILLSB	246911	05HIGHLA	1	138	205	AEP	296	413	Base Case	0	43.4	-	14.67	0	-0.07%	-0.07%	-0.01%	
1735	238731 02FOX 345 238783 02HARDIN 345 1	238731	02FOX	238783	02HARDIN	1	345	202	ATSI	1542	1878	Base Case	0	-226	-	14.66	0	0.37%	0.37%	0.04%	
1736	243285 05E.SIDE 138 246066 05S.BEND2 138 1	243285	05E.SIDE	246066	05S.BEND2	1	138	205	AEP	219	251	Base Case	0	32.1	-	14.65	0	0.03%	0.03%	0.02%	
1737	270163 AB2-067 MAIN 765 270133 AB2-067 GSU 230 1	270163	AB2-067 MAIN	270133	AB2-067 GSU	1	765/230	205	AEP	9999	9999	Base Case	0	-1463.6	-	14.64	0	-0.91%	-0.91%	-0.91%	
1738	270162 AB2-067 TAP 765 270163 AB2-067 MAIN 765 1	270162	AB2-067 TAP	270163	AB2-067 MAIN	1	765	205	AEP	9999	9999	Base Case	0	-1463.6	-	14.64	0	-0.91%	-0.91%	-0.91%	
1739	238629 02CLVRDL 138 247700 05YAGER 138 1	238629	02CLVRDL	247700	05YAGER	1	138	202/205	ATSI/AEP	196	228	Base Case	0	-28.6	-	14.61	0	-0.05%	-0.05%	0.05%	
1740	240349 02GROVWDQ14 138 241237 02GROV TP 138 1	240349	02GROVWDQ14	241237	02GROV TP	1	138	202	ATSI	355	434	Base Case	0	-51.8	-	14.58	0	0.00%	0.00%	0.00%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1741	242702 05LEFTFK 138 242706 05LOONEY 138 1	242702	05LEFTFK	242706	05LOONEY	1	138	205	AEP	195	220	Base Case	0	28.4	-	14.56	0	0.02%	0.02%	0.03%	
1742	247371 05MUSKNG1B 138 247435 05MUSKNG_ESZ 138 ZG	247371	05MUSKNG1B	247435	05MUSKNG_ESZ	ZG	138	205	AEP	766	784	Base Case	0	-111.5	-	14.56	0	-0.33%	-0.33%	-0.06%	
1743	242512 05CLOVRD 765 242524 05CLOVRD 345 10	242512	05CLOVRD	242524	05CLOVRD	10	765/345	205	AEP	2250	2250	Base Case	0	327.5	-	14.55	0	-0.85%	-0.85%	-0.83%	
1744	250000 08COLDSP 138 250132 08WLDER1 138 1	250000	08COLDSP	250132	08WLDER1	1	138	212	DEO&K	264	264	Base Case	0	38.4	-	14.55	0	0.03%	0.03%	0.01%	
1745	243321 05KENDAL 138 243375 05SKINNR 138 1	243321	05KENDAL	243375	05SKINNR	1	138	205	AEP	251	251	Base Case	0	-36.5	-	14.55	0	-0.05%	-0.05%	-0.03%	
1746	244510 05BLOSSOM TR 138 245846 05RIVERSIDE2 138 1	244510	05BLOSSOM TR	245846	05RIVERSIDE2	1	138	205	AEP	136	167	Base Case	0	-19.7	-	14.51	0	0.00%	0.00%	-0.01%	
1747	242751 05PIGEON 138 242761 05RAGLDZ 138 1	242751	05PIGEON	242761	05RAGLDZ	1	138	205	AEP	158	183	Base Case	0	-22.9	-	14.49	0	0.00%	0.00%	0.00%	
1748	242931 05BEVERL 345 247566 05LAMPING_BP 345 1	242931	05BEVERL	247566	05LAMPING_BP	1	345	205	AEP	971	971	Base Case	0	140.6	-	14.48	0	-1.59%	-1.59%	0.46%	
1749	242939 05MARYSV 345 243903 05GUNN RD SS 345 1	242939	05MARYSV	243903	05GUNN RD SS	1	345	205	AEP	897	1151	Base Case	0	129.9	-	14.48	0	0.65%	0.65%	0.76%	
1750	243104 05SLANCS 138 243149 05W.LANCAST1 138 1	243104	05SLANCS	243149	05W.LANCAST1	1	138	205	AEP	167	167	Base Case	0	-24.2	-	14.48	0	-0.05%	-0.05%	0.00%	
1751	247130 05HOLLOW 345 247566 05LAMPING_BP 345 1	247130	05HOLLOW	247566	05LAMPING_BP	1	345	205	AEP	971	971	Base Case	0	-140.3	-	14.45	0	-1.59%	-1.59%	0.46%	
1752	242718 05MINNXM 138 242733 05NEWHOP 138 1	242718	05MINNXM	242733	05NEWHOP	1	138	205	AEP	296	296	Base Case	0	42.7	-	14.42	0	-0.11%	-0.11%	-0.29%	
1753	247712 05SULLIVAN 345 346809 7CASEY 345 1	247712	05SULLIVAN	346809	7CASEY	1	345	205/357	AEP/AMIL	1334	1466	Base Case	0	-191.6	-	14.36	0	-0.52%	-0.52%	0.16%	
1754	238845 02JONSON 138 238971 02MURRAY 138 1	238845	02JONSON	238971	02MURRAY	1	138	202	ATSI	196	242	Base Case	0	28	-	14.3	0	-0.05%	-0.05%	-0.02%	
1755	243527 05HYATTX 138 245952 05DLAWAR1 138 1	243527	05HYATTX	245952	05DLAWAR1	1	138	205	AEP	335	380	Base Case	0	47.8	-	14.27	0	0.01%	0.01%	0.01%	
1756	243526 05HYATT 138 243527 05HYATTX 138 SR	243526	05HYATT	243527	05HYATTX	SR	138	205	AEP	335	380	Base Case	0	47.8	-	14.27	0	0.01%	0.01%	0.01%	
1757	242724 05MOSELEY 138 242774 05ROANO2 138 1	242724	05MOSELEY	242774	05ROANO2	1	138	205	AEP	167	240	Base Case	0	-23.8	-	14.27	0	-0.04%	-0.04%	-0.24%	
1758	235378 01NMARTN 138 246067 05NATRIUM34 138 1	235378	01NMARTN	246067	05NATRIUM34	1	138	201/205	AP/AEP	148	192	Base Case	0	21.1	-	14.27	0	0.03%	0.03%	0.13%	
1759	238685 02EASTLK 138 241924 02ELQ4 138 1	238685	02EASTLK	241924	02ELQ4	1	138	202	ATSI	999	999	Base Case	0	142.4	-	14.25	0	0.03%	0.03%	-0.01%	
1760	243575 05ST.CLR 138 243576 05ST.CLX 138 SR	243575	05ST.CLR	243576	05ST.CLX	SR	138	205	AEP	191	229	Base Case	0	-27.2	-	14.25	0	-0.01%	-0.01%	-0.03%	
1761	238864 02KNOX 138 239316 02WASHREC 138 1	238864	02KNOX	239316	02WASHREC	1	138	202	ATSI	275	333	Base Case	0	-39.1	-	14.22	0	-0.13%	-0.13%	0.07%	
1762	238569 02BEAVER 345 238570 02BEAVER 138 2	238569	02BEAVER	238570	02BEAVER	2	345/138	202	ATSI	583	741	Base Case	0	82.9	-	14.21	0	0.08%	0.08%	-0.02%	
1763	250050 08KMPER1 138 250051 08KMPER2 138 Z1	250050	08KMPER1	250051	08KMPER2	Z1	138	212	DEO&K	406	454	Base Case	0	57.7	-	14.21	0	0.01%	0.01%	-0.02%	
1764	250066 08MLHSR1 138 250067 08MLHSR2 138 Z1	250066	08MLHSR1	250067	08MLHSR2	Z1	138	212	DEO&K	394	394	Base Case	0	-55.9	-	14.2	0	0.02%	0.02%	-0.01%	
1765	242662 05HALES2 138 242702 05LEFTFK 138 1	242662	05HALES2	242702	05LEFTFK	1	138	205	AEP	251	335	Base Case	0	35.5	-	14.16	0	0.02%	0.02%	0.03%	
1766	243502 05E.BROAD 138 243581 05TAYLOR 138 1	243502	05E.BROAD	243581	05TAYLOR	1	138	205	AEP	240	309	Base Case	0	-34	-	14.15	0	0.03%	0.03%	0.00%	
1767	242511 05BROADF 765 242514 05J.FERR 765 1	242511	05BROADF	242514	05J.FERR	1	765	205	AEP	4047	4142	Base Case	0	572.4	-	14.14	0	-3.30%	-3.30%	-8.48%	
1768	235350 01IVYDAL 138 247793 05LINDEN RD 138 1	235350	01IVYDAL	247793	05LINDEN RD	1	138	201/205	AP/AEP	164	206	Base Case	0	-23.2	-	14.14	0	-0.04%	-0.04%	-0.11%	
1769	243455 05CONES 345 243488 05CONESVILLE 138 7	243455	05CONES	243488	05CONESVILLE	7	345/138	205	AEP	823	948	Base Case	0	116.4	-	14.14	0	-0.07%	-0.07%	0.04%	
1770	247105 05VARNER 345 247106 05VARNER 138 2	247105	05VARNER	247106	05VARNER	2	345/138	205	AEP	672	672	Base Case	0	95	-	14.14	0	-0.07%	-0.07%	0.00%	
1771	247105 05VARNER 345 247106 05VARNER 138 1	247105	05VARNER	247106	05VARNER	1	345/138	205	AEP	672	672	Base Case	0	95	-	14.14	0	-0.07%	-0.07%	0.00%	
1772	200599 26ERIE W 345 238547 02AT 345 1	200599	26ERIE W	238547	02AT	1	345	226/202	PENELEC/ATSI	1560	1900	Base Case	0	220.4	-	14.13	0	3.94%	3.94%	-0.60%	
1773	238799 02HKQ-22 138 239614 02BATH 138 1	238799	02HKQ-22	239614	02BATH	1	138	202	ATSI	196	242	Base Case	0	-27.6	-	14.09	0	-0.03%	-0.03%	0.09%	
1774	238651 02DANA 138 239263 02STLUKE 138 1	238651	02DANA	239263	02STLUKE	1	138	202	ATSI	288	353	Base Case	0	-40.6	-	14.09	0	0.00%	0.00%	0.01%	
1775	250132 08WLDER1 138 250134 08YORK 138 1	250132	08WLDER1	250134	08YORK	1	138	212	DEO&K	291	291	Base Case	0	-40.9	-	14.07	0	-0.01%	-0.01%	0.00%	
1776	238640 02CRISS 138 238861 02KIRBY 138 1	238640	02CRISS	238861	02KIRBY	1	138	202	ATSI	152	179	Base Case	0	-21.3	-	14.04	0	-0.10%	-0.10%	0.08%	
1777	243673 05BEEFHI 138 243685 05DORTON 138 1	243673	05BEEFHI	243685	05DORTON	1	138	205	AEP	221	278	Base Case	0	-31	-	14.03	0	0.01%	0.01%	0.01%	
1778	238569 02BEAVER 345 238570 02BEAVER 138 1	238569	02BEAVER	238570	02BEAVER	1	345/138	202	ATSI	583	741	Base Case	0	81.6	-	14	0	0.07%	0.07%	-0.02%	
1779	253031 09HALTER 138 253072 09SPRING 138 1	253031	09HALTER	253072	09SPRING	1	138	209	DAY	196	241	Base Case	0	27.4	-	14	0	-0.05%	-0.05%	0.01%	
1780	242742 05PADFOR 138 247290 05HARMON 138 1	242742	05PADFOR	247290	05HARMON	1	138	205	AEP	219	223	Base Case	0	30.7	-	14	0	0.07%	0.07%	-0.12%	
1781	243218 05DESOTO 345 243233 05TANNER 345 1	243218	05DESOTO	243233	05TANNER	1	345	205	AEP	897	897	Base Case	0	-125.3	-	13.97	0	0.16%	0.16%	0.22%	
1782	238998 02NEVADA 138 239093 02SAMMIS 138 1	238998	02NEVADA	239093	02SAMMIS	1	138	202	ATSI	265	316	Base Case	0	-37	-	13.95	0	-0.01%	-0.01%	0.04%	
1783	238708 02EVRGRN 138 239008 02NILES 138 1	238708	02EVRGRN	239008	02NILES	1	138	202	ATSI	240	310	Base Case	0	33.5	-	13.95	0	-0.08%	-0.08%	-0.01%	
1784	243024 05HOWARD 138 243117 05SULFRS 138 1	243024	05HOWARD	243117	05SULFRS	1	138	205	AEP	205	205	Base Case	0	28.4	-	13.88	0	0.03%	0.03%	0.01%	
1785	243244 05ANTHY 138 243245 05ANTHYZ 138 1	243244	05ANTHY	243245	05ANTHYZ	1	138	205	AEP	164	180	Base Case	0	-22.8	-	13.87	0	0.00%	0.00%	0.00%	
1786	243485 05CLINTO 138 243528 05KARL ROAD 138 1	243485	05CLINTO	243528	05KARL ROAD	1	138	205	AEP	145	145	Base Case	0	-20.1	-	13.83	0	0.06%	0.06%	0.01%	
1787	238904 02LMQ-11 138 238932 02LYDQ11 138 1	238904	02LMQ-11	238932	02LYDQ11	1	138	202	ATSI	324	395	Base Case	0	44.8	-	13.82	0	0.16%	0.16%	-0.05%	
1788	242704 05LOGAN1 138 242779 05RUMCKZ 138 1	242704	05LOGAN1	242779	05RUMCKZ	1	138	205	AEP	334	421	Base Case	0	-46.1	-	13.81	0	0.12%	0.12%	0.30%	
1789	238735 02FOXQ14 138 240259 02FUQ-14 138 1	238735	02FOXQ14	240259	02FUQ-14	1	138	202	ATSI	347	423	Base Case	0	47.8	-	13.79	0	0.15%	0.15%	0.02%	
1790	238809 02HMLQ14 138 240259 02FUQ-14 138 1	238809	02HMLQ14	240259	02FUQ-14	1	138	202	ATSI	347	423	Base Case	0	-47.8	-	13.79	0	0.15%	0.15%	0.02%	
1791	244198 05LEMASTER 138 247067 05GOODHP 138 1	244198	05LEMASTER	247067	05GOODHP	1	138	205	AEP	196	247	Base Case	0	27	-	13.76	0	0.04%	0.04%	0.05%	
1792	243274 05DEER CRK1 138 243343 05MISSIS 138 1	243274	05DEER CRK1	243343	05MISSIS	1	138	205	AEP	187	240	Base Case	0	25.7	-	13.75	0	-0.05%	-0.05%	-0.04%	
1793	238502 02BRIM 138 238962 02MIDWAY 138 1	238502	02BRIM	238962	02MIDWAY	1	138	202	ATSI	164	170	Base Case	0	-22.5	-	13.74	0	-0.04%	-0.04%	0.00%	
1794	243133 05VALLEY GRV 138 246927 05SAND H 138 2	243133	05VALLEY GRV	246927	05SAND H	2	138	205	AEP	205	205	Base Case	0	28.1	-	13.72	0	0.15%	0.15%	-0.10%	
1795	238642 02CRSLND 138 239199 02WN-STL 138 1	238642	02CRSLND	239199	02WN-STL	1	138	202	ATSI	160	192	Base Case	0	21.9	-	13.72	0	-0.07%	-0.07%	0.01%	
1796	243672 05BECKHA 138 243703 05TOPMOS 138 1	243672	05BECKHA	243703	05TOPMOS	1	138	205	AEP	158	183	Base Case	0	-21.7	-	13.71	0	0.09%	0.09%	0.05%	
1797	243310 05HODGIN 138 243362 05RANDOL 138 1	243310	05HODGIN	243362	05RANDOL	1	138	205	AEP	219	247	Base Case	0	30	-	13.71	0	0.02%	0.02%	0.04%	
1798	247003 05GOSHSS 138 247165 05SRUNSS 138 1	247003	05GOSHSS	247165	05SRUNSS	1	138	205	AEP	219	255	Base Case	0	-30	-	13.7	0	0.00%	0.00%	0.00%	
1799	238678 02EAKRON 138 238757 02GLCRST 138 1	238678	02EAKRON	238757	02GLCRST	1	138	202	ATSI	187	191	Base Case	0	25.6	-	13.69	0	0.05%	0.05%	-0.05%	
1800	243308 05HICKRY CK1 138 246060 05HICKRY CK2 138 ZL	243308	05HICKRY CK1	246060	05HICKRY CK2	ZL	138	205	AEP	173	173	Base Case	0	23.7	-	13.68	0	0.06%	0.06%	0.02%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1801	238640 02CRISS 138 238969 02MRGP + 138 1	238640	02CRISS	238969	02MRGP +	1	138	202	ATSI	259	308	Base Case	0	35.4	-	13.68	0	-0.10%	-0.10%	0.11%	
1802	243219 05DUMONT 345 243234 05TWIN B 345 2	243219	05DUMONT	243234	05TWIN B	2	345	205	AEP	1409	1409	Base Case	0	192.4	-	13.66	0	-0.38%	-0.38%	-0.05%	
1803	243219 05DUMONT 345 243234 05TWIN B 345 1	243219	05DUMONT	243234	05TWIN B	1	345	205	AEP	1409	1409	Base Case	0	192.4	-	13.66	0	-0.38%	-0.38%	-0.05%	
1804	238942 02MAPLE 138 239180 02ZELI-M 138 1	238942	02MAPLE	239180	02ZELI-M	1	138	202	ATSI	308	376	Base Case	0	42	-	13.65	0	-0.68%	-0.68%	0.05%	
1805	243056 05NEWCOM 138 243094 05SCOSHC 138 1	243056	05NEWCOM	243094	05SCOSHC	1	138	205	AEP	150	173	Base Case	0	-20.5	-	13.65	0	-0.35%	-0.35%	0.01%	
1806	243273 05DARDEN 138 243359 05PINERD 138 1	243273	05DARDEN	243359	05PINERD	1	138	205	AEP	167	167	Base Case	0	-22.8	-	13.63	0	-0.10%	-0.10%	-0.06%	
1807	243014 05GRBLOP 138 247108 05SOWERS 138 1	243014	05GRBLOP	247108	05SOWERS	1	138	205	AEP	223	310	Base Case	0	30.4	-	13.62	0	-0.08%	-0.08%	0.03%	
1808	243064 05NPROCT 138 245615 05S.POINT2 138 1	243064	05NPROCT	245615	05S.POINT2	1	138	205	AEP	240	251	Base Case	0	32.7	-	13.62	0	0.05%	0.05%	0.04%	
1809	238570 02BEAVER 138 239738 02OAKPOINT 138 1	238570	02BEAVER	239738	02OAKPOINT	1	138	202	ATSI	200	242	Base Case	0	27.2	-	13.62	0	0.23%	0.23%	0.04%	
1810	244560 05ISABELLA 138 246308 05NEWARKC_BP 138 1	244560	05ISABELLA	246308	05NEWARKC_BP	1	138	205	AEP	124	124	Base Case	0	16.9	-	13.61	0	0.03%	0.03%	0.04%	
1811	238745 02GALION 345 242941 05OHIOCT 345 1	238745	02GALION	242941	05OHIOCT	1	345	202/205	ATSI/AEP	1228	1330	Base Case	0	-166.9	-	13.59	0	0.27%	0.27%	0.63%	
1812	253050 09MONUM2 138 253096 09WYAND2 138 1	253050	09MONUM2	253096	09WYAND2	1	138	209	DAY	195	195	Base Case	0	26.5	-	13.58	0	0.00%	0.00%	0.00%	
1813	238727 02WLBCT+ 138 239162 02WALBRD 138 1	238727	02WLBCT+	239162	02WALBRD	1	138	202	ATSI	163	163	Base Case	0	22.1	-	13.57	0	0.00%	0.00%	0.00%	
1814	242638 05FIELDALE1 138 242831 05THORNT 138 1	242638	05FIELDALE1	242831	05THORNT	1	138	205	AEP	150	204	Base Case	0	20.4	-	13.57	0	-0.04%	-0.04%	0.19%	
1815	244142 05MARQUETTE 138 247489 05BOSSERMAN 138 1	244142	05MARQUETTE	247489	05BOSSERMAN	1	138	205	AEP	251	335	Base Case	0	34	-	13.57	0	0.08%	0.08%	0.05%	
1816	243483 05CRCLVS 138 243522 05HARRISON 138 2	243483	05CRCLVS	243522	05HARRISON	2	138	205	AEP	323	451	Base Case	0	43.8	-	13.56	0	-0.02%	-0.02%	0.08%	
1817	243215 05COOK 345 247803 05SEGRETO 345 1	243215	05COOK	247803	05SEGRETO	1	345	205	AEP	1409	1868	Base Case	0	-191	-	13.56	0	0.50%	0.50%	-0.02%	
1818	243483 05CRCLVS 138 243522 05HARRISON 138 1	243483	05CRCLVS	243522	05HARRISON	1	138	205	AEP	323	451	Base Case	0	43.8	-	13.56	0	-0.02%	-0.02%	0.08%	
1819	250011 08DERPK1 138 250012 08DERPK2 138 Z1	250011	08DERPK1	250012	08DERPK2	Z1	138	212	DEO&K	406	454	Base Case	0	-55	-	13.55	0	0.00%	0.00%	0.00%	
1820	245964 05N.NEWARK2 138 246308 05NEWARKC_BP 138 1	245964	05N.NEWARK2	246308	05NEWARKC_BP	1	138	205	AEP	124	124	Base Case	0	-16.8	-	13.54	0	0.03%	0.03%	0.04%	
1821	238913 02LRCRQ2 138 239113 02SP Q-2 138 1	238913	02LRCRQ2	239113	02SP Q-2	1	138	202	ATSI	148	151	Base Case	0	20	-	13.54	0	-0.18%	-0.19%	0.04%	
1822	238906 02LNGVEW 138 238938 02MADISN 138 1	238906	02LNGVEW	238938	02MADISN	1	138	202	ATSI	160	192	Base Case	0	-21.6	-	13.53	0	0.11%	0.11%	-0.04%	
1823	242628 05E.LYNN 138 247243 05SHERID 138 1	242628	05E.LYNN	247243	05SHERID	1	138	205	AEP	296	378	Base Case	0	40	-	13.53	0	-0.05%	-0.05%	-0.14%	
1824	242623 05DAWES 138 247064 05KANAWHA2 138 1	242623	05DAWES	247064	05KANAWHA2	1	138	205	AEP	223	223	Base Case	0	-30.1	-	13.5	0	0.03%	0.03%	-0.15%	
1825	247034 05EMERSS 138 247508 05SARDINIA 138 1	247034	05EMERSS	247508	05SARDINIA	1	138	205	AEP	151	185	Base Case	0	-20.3	-	13.47	0	-0.06%	-0.06%	0.01%	
1826	243309 05HILLCR 138 243390 05WAYNED 138 1	243309	05HILLCR	243390	05WAYNED	1	138	205	AEP	219	251	Base Case	0	-29.4	-	13.44	0	-0.07%	-0.07%	-0.01%	
1827	243533 05LAYMAN 138 247319 05WOLFCK 138 1	243533	05LAYMAN	247319	05WOLFCK	1	138	205	AEP	205	255	Base Case	0	-27.6	-	13.44	0	-0.43%	-0.43%	-0.23%	
1828	238745 02GALION 345 242942 05SBERWI 345 1	238745	02GALION	242942	05SBERWI	1	345	202/205	ATSI/AEP	1228	1409	Base Case	0	-164.8	-	13.42	0	-0.70%	-0.70%	-0.74%	
1829	243311 05ARN HOGAN 138 245803 05DELAWR2 138 1	243311	05ARN HOGAN	245803	05DELAWR2	1	138	205	AEP	205	247	Base Case	0	27.4	-	13.36	0	-0.03%	-0.03%	0.04%	
1830	243272 05DALEVI 138 245946 05MADISON2 138 1	243272	05DALEVI	245946	05MADISON2	1	138	205	AEP	187	233	Base Case	0	-24.9	-	13.34	0	-0.02%	-0.02%	0.04%	
1831	238673 02E IND 138 239079 02S EAST 138 1	238673	02E IND	239079	02S EAST	1	138	202	ATSI	194	237	Base Case	0	-25.9	-	13.34	0	0.07%	0.07%	0.00%	
1832	238586 02BRKSID 138 239216 02TROY 138 1	238586	02BRKSID	239216	02TROY	1	138	202	ATSI	147	179	Base Case	0	-19.6	-	13.33	0	0.08%	0.08%	-0.11%	
1833	238815 02IKQ-15 138 238841 02JNPRQ2 138 1	238815	02IKQ-15	238841	02JNPRQ2	1	138	202	ATSI	223	286	Base Case	0	-29.7	-	13.32	0	0.01%	0.01%	-0.01%	
1834	243029 05LCKWRD 138 243086 05S HICK 138 1	243029	05LCKWRD	243086	05S HICK	1	138	205	AEP	223	310	Base Case	0	-29.7	-	13.31	0	-0.21%	-0.21%	0.07%	
1835	253049 09MONUM1 138 253095 09WYAND1 138 1	253049	09MONUM1	253095	09WYAND1	1	138	209	DAY	195	195	Base Case	0	25.9	-	13.29	0	0.00%	0.00%	0.00%	
1836	243686 05EXCELT 138 243694 05INEZ 138 1	243686	05EXCELT	243694	05INEZ	1	138	205	AEP	548	601	Base Case	0	-72.8	-	13.29	0	0.00%	0.00%	-0.14%	
1837	238651 02DANA 138 238786 02HAWTHO 138 1	238651	02DANA	238786	02HAWTHO	1	138	202	ATSI	288	353	Base Case	0	38.2	-	13.28	0	0.00%	0.00%	0.01%	
1838	247712 05SULLIVAN 345 254529 16PETE 345 1	247712	05SULLIVAN	254529	16PETE	1	345	205/216	AEP/IPL	1409	1409	Base Case	0	-186.8	-	13.26	0	0.32%	0.32%	0.43%	
1839	242760 05PROGPK 138 247850 05TOWN CREEK 138 1	242760	05PROGPK	247850	05TOWN CREEK	1	138	205	AEP	296	413	Base Case	0	39.2	-	13.25	0	0.04%	0.04%	0.19%	
1840	243286 05EDISON2 138 244119 05GRAVEL PIT 138 1	243286	05EDISON2	244119	05GRAVEL PIT	1	138	205	AEP	158	183	Base Case	0	20.9	-	13.23	0	-0.08%	-0.08%	-0.05%	
1841	239728 02BLKRVR 138 241932 02AMH.MUN2 138 1	239728	02BLKRVR	241932	02AMH.MUN2	1	138	202	ATSI	498	573	Base Case	0	-65.8	-	13.21	0	-0.28%	-0.28%	-0.02%	
1842	250075 08MTGRY1 138 250076 08MTGRY2 138 Z1	250075	08MTGRY1	250076	08MTGRY2	Z1	138	212	DEO&K	406	454	Base Case	0	53.6	-	13.2	0	-0.01%	-0.01%	-0.03%	
1843	243066 05NW LIM 138 243157 05WOODLA 138 1	243066	05NW LIM	243157	05WOODLA	1	138	205	AEP	205	205	Base Case	0	27	-	13.19	0	0.01%	0.01%	-0.06%	
1844	243510 05GAHANN 138 243523 05HCREAN 138 1	243510	05GAHANN	243523	05HCREAN	1	138	205	AEP	150	212	Base Case	0	19.8	-	13.19	0	0.05%	0.05%	0.01%	
1845	237081 AA2-121 TAP 345 242946 05TIDD 345 1	237081	AA2-121 TAP	242946	05TIDD	1	345	201/205	AP/AEP	1409	1409	Base Case	0	185.6	-	13.17	0	3.06%	3.06%	-0.23%	
1846	243578 05STRODZ 138 244230 05SUNDAY SS 138 1	243578	05STRODZ	244230	05SUNDAY SS	1	138	205	AEP	259	325	Base Case	0	34.1	-	13.16	0	-0.14%	-0.14%	0.15%	
1847	243485 05CLINTO 138 243487 05CHK TAP Z 138 1	243485	05CLINTO	243487	05CHK TAP Z	1	138	205	AEP	195	220	Base Case	0	-25.6	-	13.14	0	0.07%	0.07%	0.01%	
1848	243284 05DUPONT 138 246172 05DUPONT 8 138 Z1	243284	05DUPONT	246172	05DUPONT 8	Z1	138	205	AEP	167	245	Base Case	0	21.9	-	13.14	0	0.00%	0.00%	0.00%	
1849	242640 05FLOYD 138 242750 05PHILPOTT Z 138 1	242640	05FLOYD	242750	05PHILPOTT Z	1	138	205	AEP	205	280	Base Case	0	-26.9	-	13.13	0	0.05%	0.05%	0.52%	
1850	243057 05NEW LIBR1 138 247893 05FLAG CITY 138 1	243057	05NEW LIBR1	247893	05FLAG CITY	1	138	205	AEP	150	212	Base Case	0	-19.7	-	13.13	0	0.08%	0.08%	-0.06%	
1851	235198 01KEISTR 138 239350 02CAMPBL 138 1	235198	01KEISTR	239350	02CAMPBL	1	138	201/202	AP/ATSI	278	339	Base Case	0	36.4	-	13.1	0	0.74%	0.74%	0.00%	
1852	238500 02ALLEN-1 138 238532 02ALLNJB 138 ZB	238500	02ALLEN-1	238532	02ALLNJB	ZB	138	202	ATSI	563	563	Base Case	0	73.6	-	13.08	0	-0.06%	-0.06%	0.01%	
1853	238693 02ELM 138 239031 02PACKRD 138 1	238693	02ELM	239031	02PACKRD	1	138	202	ATSI	157	196	Base Case	0	-20.5	-	13.07	0	-0.02%	-0.02%	0.00%	
1854	239354 02HARMON 138 247460 05NOTTINGH34 138 1	239354	02HARMON	247460	05NOTTINGH34	1	138	202/205	ATSI/AEP	273	332	Base Case	0	-35.6	-	13.04	0	-0.04%	-0.04%	0.04%	
1855	238733 02FOXQ12 138 239033 02PDBQ12 138 1	238733	02FOXQ12	239033	02PDBQ12	1	138	202	ATSI	355	434	Base Case	0	46.3	-	13.04	0	0.09%	0.09%	0.00%	
1856	250025 08FLDMN1 138 250026 08FLDMN2 138 Z1	250025	08FLDMN1	250026	08FLDMN2	Z1	138	212	DEO&K	406	454	Base Case	0	52.9	-	13.03	0	0.01%	0.01%	0.03%	
1857	242526 05KANAWZ 345 242527 05M FUNK 345 1	242526	05KANAWZ	242527	05M FUNK	1	345	205	AEP	1132	1132	Base Case	0	147.4	-	13.03	0	-0.69%	-0.69%	-2.34%	
1858	238696 02ELWOD+ 138 238905 02LNC.PK 138 1	238696	02ELWOD+	238905	02LNC.PK	1	138	202	ATSI	155	155	Base Case	0	20.2	-	13.01	0	0.02%	0.02%	-0.03%	
1859	243331 05LINWOO 138 243920 05MAKAHOY 138 1	243331	05LINWOO	243920	05MAKAHOY	1	138	205	AEP	187	240	Base Case	0	24.2	-	12.96	0	0.02%	0.02%	0.06%	
1860	242938 05MARQUI 345 248005 06KYGER 345 1	242938	05MARQUI	248005	06KYGER	1	345	205/206	AEP/OVEC	971	971	Base Case	0	-125.8	-	12.95	0	0.34%	0.34%	0.07%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1861	250018 08EMWOD1 138 250019 08EMWOD6 138 Z1	250018	08EMWOD1	250019	08EMWOD6	Z1	138	212	DEO&K	273	287	Base Case	0	35.4	-	12.95	0	0.02%	0.02%	0.01%	
1862	242656 05GRASSH 138 242736 05OAKLEV 138 1	242656	05GRASSH	242736	05OAKLEV	1	138	205	AEP	219	223	Base Case	0	-28.3	-	12.94	0	-0.05%	-0.05%	0.40%	
1863	242965 05BRIDGEVILZ 138 242983 05CHANDLERVZ 138 1	242965	05BRIDGEVILZ	242983	05CHANDLERVZ	1	138	205	AEP	335	482	Base Case	0	-43.3	-	12.94	0	-0.47%	-0.47%	0.10%	
1864	242995 05EASTOW 138 245516 05ROCKHILL2 138 1	242995	05EASTOW	245516	05ROCKHILL2	1	138	205	AEP	187	240	Base Case	0	-24.2	-	12.94	0	0.01%	0.01%	-0.06%	
1865	245533 05HOLLOWAY34 138 247840 05DILESBTMZ1 138 1	245533	05HOLLOWAY34	247840	05DILESBTMZ1	1	138	205	AEP	466	564	Base Case	0	-60.3	-	12.93	0	-0.10%	-0.10%	0.18%	
1866	243242 05ALLEN 138 247864 05LOGTOWN 138 1	243242	05ALLEN	247864	05LOGTOWN	1	138	205	AEP	281	281	Base Case	0	36.3	-	12.9	0	-0.14%	-0.14%	-0.05%	
1867	242801 05SKEGGS BRZ 138 246828 05SKEGGS BR 138 Z1	242801	05SKEGGS BRZ	246828	05SKEGGS BR	Z1	138	205	AEP	158	167	Base Case	0	20.3	-	12.87	0	0.00%	0.00%	0.00%	
1868	242743 05PARKHI 138 242842 05W HUNT 138 1	242743	05PARKHI	242842	05W HUNT	1	138	205	AEP	146	167	Base Case	0	-18.8	-	12.86	0	-0.06%	-0.06%	-0.02%	
1869	243532 05KIRK 138 247767 05HAZELTON 138 1	243532	05KIRK	247767	05HAZELTON	1	138	205	AEP	564	747	Base Case	0	72.4	-	12.84	0	0.00%	0.00%	0.00%	
1870	246887 05RAMEY 138 247652 05HOODSCRK 138 1	246887	05RAMEY	247652	05HOODSCRK	1	138	205	AEP	251	335	Base Case	0	32.2	-	12.83	0	0.00%	0.00%	-0.01%	
1871	238658 02DECANT 138 239030 02OTTAWA 138 1	238658	02DECANT	239030	02OTTAWA	1	138	202	ATSI	242	296	Base Case	0	31	-	12.79	0	-0.17%	-0.17%	-0.03%	
1872	249578 08HILCRT 345 250136 08HILCRT 138 1	249578	08HILCRT	250136	08HILCRT	1	345/138	212	DEO&K	480	501	Base Case	0	61.3	-	12.77	0	0.04%	0.04%	0.03%	
1873	243354 05ONTWA8 138 243355 05ONTWA8 SS 138 1	243354	05ONTWA8	243355	05ONTWA8 SS	1	138	205	AEP	185	185	Base Case	0	-23.6	-	12.76	0	0.00%	0.00%	0.00%	
1874	242530 05EDANV1 230 304024 6ROXSEP230 T 230 1	242530	05EDANV1	304024	6ROXSEP230 T	1	230	205/340	AEP/CPLE	621	771	Base Case	0	-79.2	-	12.75	0	0.30%	0.30%	3.39%	
1875	235418 01WASHMP 138 243490 05CORNER 138 1	235418	01WASHMP	243490	05CORNER	1	138	201/205	AP/AEP	282	332	Base Case	0	-35.9	-	12.75	0	-0.13%	-0.13%	-0.10%	
1876	239075 02ROSEMT 138 239161 02WAKRON 138 1	239075	02ROSEMT	239161	02WAKRON	1	138	202	ATSI	233	282	Base Case	0	29.7	-	12.74	0	-0.04%	-0.04%	0.04%	
1877	238509 02FREY 138 239310 02BPHUSKY 138 1	238509	02FREY	239310	02BPHUSKY	1	138	202	ATSI	241	292	Base Case	0	-30.7	-	12.72	0	-0.03%	-0.03%	-0.04%	
1878	242635 05ELKGAR 138 246766 05ELKGAZ 138 1	242635	05ELKGAR	246766	05ELKGAZ	1	138	205	AEP	145	145	Base Case	0	-18.4	-	12.7	0	0.00%	0.00%	0.00%	
1879	247319 05WOLFCK 138 247370 05MUSKNG1A 138 1	247319	05WOLFCK	247370	05MUSKNG1A	1	138	205	AEP	323	437	Base Case	0	-41	-	12.7	0	-0.43%	-0.43%	-0.23%	
1880	246327 05NOTTINGH78 138 247461 05FREEBYRD 138 1	246327	05NOTTINGH78	247461	05FREEBYRD	1	138	205	AEP	296	413	Base Case	0	37.6	-	12.7	0	-0.21%	-0.21%	0.03%	
1881	239106 02SHNAGO 345 239303 02NILES 345 1	239106	02SHNAGO	239303	02NILES	1	345	202	ATSI	1542	1878	Base Case	0	195.8	-	12.7	0	0.72%	0.72%	-0.14%	
1882	238817 02IKQ-18 138 240351 02IV-NB+18 138 1	238817	02IKQ-18	240351	02IV-NB+18	1	138	202	ATSI	273	332	Base Case	0	34.6	-	12.69	0	-0.04%	-0.04%	0.02%	
1883	238762 02GR Q-3 138 239051 02PV Q3 138 1	238762	02GR Q-3	239051	02PV Q3	1	138	202	ATSI	267	332	Base Case	0	-33.9	-	12.68	0	0.18%	0.18%	0.01%	
1884	235336 01GOFFRN 138 247793 05LINDEN RD 138 1	235336	01GOFFRN	247793	05LINDEN RD	1	138	201/205	AP/AEP	169	213	Base Case	0	-21.4	-	12.68	0	-0.26%	-0.26%	0.16%	
1885	242585 05CAVE SPR1Z 138 245723 05CAVE SPR 138 Z1	242585	05CAVE SPR1Z	245723	05CAVE SPR	Z1	138	205	AEP	164	180	Base Case	0	20.8	-	12.67	0	0.00%	0.00%	0.00%	
1886	238825 02IVANHO 138 239031 02PACKRD 138 1	238825	02IVANHO	239031	02PACKRD	1	138	202	ATSI	200	242	Base Case	0	25.3	-	12.66	0	-0.02%	-0.02%	0.00%	
1887	238989 02NB Q17 138 240350 02IV-NB+17 138 ZL	238989	02NB Q17	240350	02IV-NB+17	ZL	138	202	ATSI	164	206	Base Case	0	-20.8	-	12.66	0	0.00%	0.00%	0.00%	
1888	243242 05ALLEN 138 245832 05LINCOLN2 138 1	243242	05ALLEN	245832	05LINCOLN2	1	138	205	AEP	293	296	Base Case	0	37.1	-	12.65	0	0.05%	0.05%	0.03%	
1889	238818 02ILQ-11 138 239049 02PV Q1 138 1	238818	02ILQ-11	239049	02PV Q1	1	138	202	ATSI	225	295	Base Case	0	-28.4	-	12.64	0	-0.06%	-0.06%	0.02%	
1890	242827 05TAZEWE 138 247150 05FARADAY 138 1	242827	05TAZEWE	247150	05FARADAY	1	138	205	AEP	296	400	Base Case	0	37.2	-	12.57	0	-0.03%	-0.03%	0.04%	
1891	239025 02NY Q11 138 239053 02PVMQ15 138 1	239025	02NY Q11	239053	02PVMQ15	1	138	202	ATSI	273	332	Base Case	0	34.3	-	12.56	0	0.08%	0.08%	-0.02%	
1892	239018 02FULTON 345 239370 02DOWLING 345 1	239018	02FULTON	239370	02DOWLING	1	345	202	ATSI	1222	1385	Base Case	0	-153.3	-	12.55	0	0.39%	0.39%	0.09%	
1893	238917 02STACY 138 239097 02SBRNQ3 138 1	238917	02STACY	239097	02SBRNQ3	1	138	202	ATSI	148	151	Base Case	0	-18.6	-	12.54	0	0.09%	0.09%	-0.02%	
1894	238508 02EBER 138 239169 02WENTWT 138 1	238508	02EBER	239169	02WENTWT	1	138	202	ATSI	278	343	Base Case	0	34.8	-	12.52	0	-0.04%	-0.04%	0.01%	
1895	238889 02LEMOYN 345 238961 02MIDWAY 345 1	238889	02LEMOYN	238961	02MIDWAY	1	345	202	ATSI	1380	1646	Base Case	0	172.8	-	12.52	0	0.40%	0.40%	0.10%	
1896	238734 02FOXQ13 138 240258 02FUQ-13 138 1	238734	02FOXQ13	240258	02FUQ-13	1	138	202	ATSI	425	522	Base Case	0	53.1	-	12.5	0	0.10%	0.10%	0.01%	
1897	242605 05CLNCHR 138 242615 05COPPER 138 1	242605	05CLNCHR	242615	05COPPER	1	138	205	AEP	219	223	Base Case	0	27.4	-	12.5	0	-0.02%	-0.02%	-0.20%	
1898	239063 02REYNOD 138 239146 02UTTP1 138 1	239063	02REYNOD	239146	02UTTP1	1	138	202	ATSI	308	376	Base Case	0	38.5	-	12.49	0	-0.06%	-0.06%	0.01%	
1899	253026 09GREENE 138 253107 09ALPHA 138 1	253026	09GREENE	253107	09ALPHA	1	138	209	DAY	301	374	Base Case	0	-37.6	-	12.48	0	-0.10%	-0.10%	-0.03%	
1900	239057 02LRCRQ4 138 239115 02SP Q-4 138 1	239057	02LRCRQ4	239115	02SP Q-4	1	138	202	ATSI	148	151	Base Case	0	18.5	-	12.47	0	-0.19%	-0.19%	0.04%	
1901	242980 05CANTNC 138 243097 05SECANT 138 1	242980	05CANTNC	243097	05SECANT	1	138	205	AEP	296	398	Base Case	0	-36.8	-	12.45	0	-0.13%	-0.13%	0.07%	
1902	239033 02PDBQ12 138 240260 02GMCQ12 138 1	239033	02PDBQ12	240260	02GMCQ12	1	138	202	ATSI	355	434	Base Case	0	44.1	-	12.43	0	0.09%	0.09%	0.00%	
1903	238542 02ASH_1 138 239095 02SBRNQ1 138 1	238542	02ASH_1	239095	02SBRNQ1	1	138	202	ATSI	148	151	Base Case	0	18.4	-	12.43	0	0.18%	0.18%	-0.03%	
1904	243248 05BARODA 138 243277 05DERBY 138 1	243248	05BARODA	243277	05DERBY	1	138	205	AEP	205	205	Base Case	0	-25.5	-	12.42	0	0.06%	0.06%	0.02%	
1905	247373 05MUSKNG2A 138 247374 05MUSKNG2B 138 Z1	247373	05MUSKNG2A	247374	05MUSKNG2B	Z1	138	205	AEP	766	898	Base Case	0	95.1	-	12.42	0	-0.06%	-0.06%	0.11%	
1906	239110 02SIL_AV+ 138 239346 02SILICA+ 138 1	239110	02SIL_AV+	239346	02SILICA+	1	138	202	ATSI	278	343	Base Case	0	34.5	-	12.41	0	0.00%	0.00%	0.00%	
1907	239111 02SILICA 138 239346 02SILICA+ 138 1	239111	02SILICA	239346	02SILICA+	1	138	202	ATSI	278	343	Base Case	0	-34.5	-	12.41	0	0.00%	0.00%	0.00%	
1908	238743 02ER-DNB+Q11 138 240347 02FOWLESQ11 138 1	238743	02ER-DNB+Q11	240347	02FOWLESQ11	1	138	202	ATSI	176	229	Base Case	0	21.8	-	12.39	0	-0.19%	-0.19%	-0.02%	
1909	238698 02ENQ-11 138 240347 02FOWLESQ11 138 1	238698	02ENQ-11	240347	02FOWLESQ11	1	138	202	ATSI	176	229	Base Case	0	-21.8	-	12.39	0	-0.19%	-0.19%	-0.02%	
1910	242514 05J.FERR 765 242517 05WYOMIN 765 1	242514	05J.FERR	242517	05WYOMIN	1	765	205	AEP	4142	4142	Base Case	0	-512.5	-	12.37	0	-2.21%	-2.20%	-10.24%	
1911	242715 05MERRIM 138 242839 05VICKER 138 1	242715	05MERRIM	242839	05VICKER	1	138	205	AEP	205	205	Base Case	0	-25.3	-	12.35	0	-0.04%	-0.04%	-0.02%	
1912	242924 05HANG R 765 243208 05JEFRSO 765 1	242924	05HANG R	243208	05JEFRSO	1	765	205	AEP	4047	4571	Base Case	0	-500	-	12.35	0	-3.68%	-3.68%	-4.00%	
1913	243466 05ASTOR 138 243467 05E.BROAD3 138 1	243466	05ASTOR	243467	05E.BROAD3	1	138	205	AEP	209	209	Base Case	0	-25.8	-	12.34	0	0.03%	0.03%	-0.01%	
1914	239026 02NY Q12 138 239054 02PVMQ16 138 1	239026	02NY Q12	239054	02PVMQ16	1	138	202	ATSI	278	339	Base Case	0	34.3	-	12.33	0	0.08%	0.08%	-0.02%	
1915	239151 02VULCTA 138 239169 02WENTWT 138 1	239151	02VULCTA	239169	02WENTWT	1	138	202	ATSI	278	343	Base Case	0	34.3	-	12.32	0	0.04%	0.04%	-0.02%	
1916	239054 02PVMQ16 138 239331 02NASHRING 138 1	239054	02PVMQ16	239331	02NASHRING	1	138	202	ATSI	278	339	Base Case	0	34.2	-	12.31	0	0.08%	0.08%	-0.02%	
1917	242820 05SUNDL1 138 244187 05STINK RUN 138 1	242820	05SUNDL1	244187	05STINK RUN	1	138	205	AEP	205	205	Base Case	0	25.2	-	12.29	0	0.01%	0.01%	0.02%	
1918	243325 05LANTRN 138 245803 05DELAWR2 138 1	243325	05LANTRN	245803	05DELAWR2	1	138	205	AEP	187	233	Base Case	0	-23	-	12.28	0	-0.01%	-0.01%	0.00%	
1919	242786 05S.PRINCETN 138 246898 05HALLSR 138 1	242786	05S.PRINCETN	246898	05HALLSR	1	138	205	AEP	334	334	Base Case	0	41	-	12.28	0	-0.20%	-0.20%	-0.37%	
1920	243385 05TWIN B 138 246066 05S.BEND2 138 1	243385	05TWIN B	246066	05S.BEND2	1	138	205	AEP	335	380	Base Case	0	41.1	-	12.27	0	0.16%	0.16%	0.11%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1921	243514 05RJF CORP Z 138 247804 05DEVOLA 138 1	243514	05RJF CORP Z	247804	05DEVOLA	1	138	205	AEP	282	282	Base Case	0	-34.6	-	12.26	0	-0.07%	-0.07%	-0.08%	
1922	242572 05BURLHT 138 242584 05CATAWZ 138 1	242572	05BURLHT	242584	05CATAWZ	1	138	205	AEP	219	223	Base Case	0	26.8	-	12.24	0	0.11%	0.11%	0.29%	
1923	242584 05CATAWZ 138 242852 05WSALEM 138 1	242584	05CATAWZ	242852	05WSALEM	1	138	205	AEP	219	223	Base Case	0	26.8	-	12.24	0	0.11%	0.11%	0.29%	
1924	249567 08M.FORT 345 249576 08WODSDL 345 1	249567	08M.FORT	249576	08WODSDL	1	345	212	DEO&K	1509	1509	Base Case	0	184.6	-	12.23	0	-0.14%	-0.14%	-0.01%	
1925	247822 05QUINWOOD 138 247824 05NUTALL 138 1	247822	05QUINWOOD	247824	05NUTALL	1	138	205	AEP	316	444	Base Case	0	-38.5	-	12.17	0	-0.22%	-0.22%	0.12%	
1926	243495 05DAVIDS 138 247873 05BRITTON 138 1	243495	05DAVIDS	247873	05BRITTON	1	138	205	AEP	283	369	Base Case	0	34.4	-	12.15	0	-0.02%	-0.02%	0.00%	
1927	243214 05COLNGW 345 243231 05ROB PK 345 1	243214	05COLNGW	243231	05ROB PK	1	345	205	AEP	1409	1409	Base Case	0	-171.1	-	12.14	0	0.45%	0.45%	0.41%	
1928	243584 05VINE 138 246094 05VINE_X 138 ZX	243584	05VINE	246094	05VINE_X	ZX	138	205	AEP	278	278	Base Case	0	-33.7	-	12.11	0	-0.05%	-0.05%	-0.03%	
1929	239100 02SEVILL 138 239238 02SEVM 138 1	239100	02SEVILL	239238	02SEVM	1	138	202	ATSI	233	282	Base Case	0	-28.2	-	12.1	0	0.11%	0.11%	0.04%	
1930	247086 05REDHIL 115 314773 3RED HIL 115 Z1	247086	05REDHIL	314773	3RED HIL	Z1	115	205/345	AEP/DVP	48	48	Base Case	0	-5.8	-	12.07	0	0.00%	0.00%	0.00%	
1931	238884 02LEMO K 138 239154 02W.FREM 138 1	238884	02LEMO K	239154	02W.FREM	1	138	202	ATSI	158	190	Base Case	0	-19	-	12.06	0	0.12%	0.12%	-0.01%	
1932	242591 05CENTRR 138 242765 05REUSENS1 138 1	242591	05CENTRR	242765	05REUSENS1	1	138	205	AEP	136	167	Base Case	0	-16.4	-	12.03	0	0.04%	0.04%	0.24%	
1933	238597 02CADQ17 138 238599 02IXQ-2 138 1	238597	02CADQ17	238599	02IXQ-2	1	138	202	ATSI	273	332	Base Case	0	32.8	-	12.03	0	0.00%	0.00%	0.00%	
1934	250024 08FINTWN 138 250064 08MHLTY2 138 1	250024	08FINTWN	250064	08MHLTY2	1	138	212	DEO&K	266	266	Base Case	0	32	-	12.02	0	0.01%	0.01%	0.00%	
1935	243390 05WAYNED 138 247829 05AVIATION 138 1	243390	05WAYNED	247829	05AVIATION	1	138	205	AEP	323	451	Base Case	0	-38.8	-	12	0	-0.02%	-0.02%	0.01%	
1936	239161 02WAKRON 138 239617 02SOUREK 138 1	239161	02WAKRON	239617	02SOUREK	1	138	202	ATSI	200	242	Base Case	0	-24	-	11.99	0	0.08%	0.08%	-0.02%	
1937	242636 05FALLBR 138 242715 05MERRIM 138 1	242636	05FALLBR	242715	05MERRIM	1	138	205	AEP	293	341	Base Case	0	35.1	-	11.99	0	0.03%	0.03%	0.04%	
1938	243294 05FLWRFD8 SS 138 247330 05BRODY 138 1	243294	05FLWRFD8 SS	247330	05BRODY	1	138	205	AEP	251	251	Base Case	0	-30	-	11.97	0	-0.01%	-0.01%	-0.01%	
1939	243688 05S.PORT MTR 138 245949 05MLBRPK_ARG 138 1	243688	05S.PORT MTR	245949	05MLBRPK_ARG	1	138	205	AEP	205	205	Base Case	0	24.5	-	11.95	0	-0.03%	-0.03%	0.00%	
1940	243267 05COUNTY 138 245476 05ROB PK34 138 1	243267	05COUNTY	245476	05ROB PK34	1	138	205	AEP	323	451	Base Case	0	-38.5	-	11.92	0	0.02%	0.02%	0.02%	
1941	239149 02VULCAN 138 239151 02VULCTA 138 1	239149	02VULCAN	239151	02VULCTA	1	138	202	ATSI	288	346	Base Case	0	34.3	-	11.91	0	0.04%	0.04%	-0.02%	
1942	243314 05HUNTR8 138 245476 05ROB PK34 138 1	243314	05HUNTR8	245476	05ROB PK34	1	138	205	AEP	257	360	Base Case	0	-30.5	-	11.87	0	0.07%	0.07%	0.06%	
1943	243473 05BIXBY 138 246696 05BIXBY T3 138 Z1	243473	05BIXBY	246696	05BIXBY T3	Z1	138	205	AEP	196	247	Base Case	0	23.3	-	11.86	0	0.00%	0.00%	0.00%	
1944	238928 02LTV+ 138 239073 02ROBERT 138 ZL	238928	02LTV+	239073	02ROBERT	ZL	138	202	ATSI	200	242	Base Case	0	-23.7	-	11.85	0	0.10%	0.10%	-0.11%	
1945	243074 05PHILO1 138 246010 05PHILO2 138 Z1	243074	05PHILO1	246010	05PHILO2	Z1	138	205	AEP	548	555	Base Case	0	64.9	-	11.84	0	0.48%	0.48%	-0.02%	
1946	242531 05EDANV2 230 304094 6YANCY TAP 230 1	242531	05EDANV2	304094	6YANCY TAP	1	230	205/340	AEP/CPLE	621	771	Base Case	0	-73.5	-	11.84	0	0.30%	0.30%	3.35%	
1947	242633 05EDENSR 138 242678 05INDIAS 138 1	242633	05EDENSR	242678	05INDIAS	1	138	205	AEP	158	167	Base Case	0	18.7	-	11.83	0	0.00%	0.00%	0.05%	
1948	243558 05RIO 138 243559 05RIO Z 138 1	243558	05RIO	243559	05RIO Z	1	138	205	AEP	145	145	Base Case	0	-17.1	-	11.76	0	-0.01%	-0.01%	-0.02%	
1949	238859 02KIQ-11 138 239005 02NHTQ11 138 1	238859	02KIQ-11	239005	02NHTQ11	1	138	202	ATSI	273	332	Base Case	0	32.1	-	11.74	0	0.16%	0.16%	-0.05%	
1950	238807 02HMLQ12 138 240260 02GMCQ12 138 1	238807	02HMLQ12	240260	02GMCQ12	1	138	202	ATSI	355	434	Base Case	0	-41.6	-	11.73	0	0.09%	0.09%	0.00%	
1951	244745 05BABBIT1-2 138 247767 05HAZELTON 138 1	244745	05BABBIT1-2	247767	05HAZELTON	1	138	205	AEP	564	755	Base Case	0	-66.1	-	11.72	0	0.00%	0.00%	0.00%	
1952	250079 08NWTWN1 138 250080 08NWTWN2 138 Z1	250079	08NWTWN1	250080	08NWTWN2	Z1	138	212	DEO&K	394	394	Base Case	0	-46.2	-	11.72	0	0.06%	0.06%	0.06%	
1953	243222 05FALL C 345 254535 16SUNNYS 345 1	243222	05FALL C	254535	16SUNNYS	1	345	205/216	AEP/IPL	956	956	Base Case	0	-111.7	-	11.69	0	-0.01%	-0.01%	0.33%	
1954	243039 05MELMOR 138 243130 05TIFFIN 138 1	243039	05MELMOR	243130	05TIFFIN	1	138	205	AEP	299	423	Base Case	0	-34.9	-	11.69	0	-0.01%	-0.01%	-0.09%	
1955	238557 02B.M.F. 138 239048 02PPPINE 138 1	238557	02B.M.F.	239048	02PPPINE	1	138	202	ATSI	212	239	Base Case	0	24.8	-	11.69	0	0.03%	0.03%	0.00%	
1956	243242 05ALLEN 138 243330 05LINCOLN1 138 3	243242	05ALLEN	243330	05LINCOLN1	3	138	205	AEP	167	240	Base Case	0	19.4	-	11.64	0	0.02%	0.02%	0.01%	
1957	239180 02ZELI-M 138 239943 02MKWEST2 138 1	239180	02ZELI-M	239943	02MKWEST2	1	138	202	ATSI	312	380	Base Case	0	36.2	-	11.6	0	-0.68%	-0.68%	0.05%	
1958	243019 05HILLSB 138 249995 08CLINCO 138 1	243019	05HILLSB	249995	08CLINCO	1	138	205/212	AEP/DEO&K	229	229	Base Case	0	26.6	-	11.59	0	0.13%	0.13%	0.13%	
1959	243010 05FTHENR 138 246927 05SAND H 138 1	243010	05FTHENR	246927	05SAND H	1	138	205	AEP	205	255	Base Case	0	23.8	-	11.59	0	0.14%	0.14%	-0.09%	
1960	242611 05COALFK 138 242623 05DAWES 138 1	242611	05COALFK	242623	05DAWES	1	138	205	AEP	223	223	Base Case	0	-25.8	-	11.57	0	0.03%	0.03%	-0.15%	
1961	238599 02IXQ-2 138 240250 02CHIAQ-2 138 1	238599	02IXQ-2	240250	02CHIAQ-2	1	138	202	ATSI	273	332	Base Case	0	31.6	-	11.56	0	0.00%	0.00%	0.00%	
1962	242747 05PEMBRT 138 242818 05STOTES 138 1	242747	05PEMBRT	242818	05STOTES	1	138	205	AEP	251	335	Base Case	0	-29	-	11.56	0	-0.04%	-0.04%	-0.10%	
1963	238610 02CDR ST 138 239107 02SHNAGO 138 1	238610	02CDR ST	239107	02SHNAGO	1	138	202	ATSI	278	339	Base Case	0	32.1	-	11.55	0	0.23%	0.23%	-0.01%	
1964	250054 08LONGBR 138 342559 4BOONE CO 138 1	250054	08LONGBR	342559	4BOONE CO	1	138	212/320	DEO&K/EKPC	229	284	Base Case	0	-26.4	-	11.53	0	-0.01%	-0.01%	0.12%	
1965	243587 05WILSNZ 138 243588 05WILSON 138 1	243587	05WILSNZ	243588	05WILSON	1	138	205	AEP	223	223	Base Case	0	25.7	-	11.51	0	-0.04%	-0.04%	-0.01%	
1966	243013 05GAVIN1 138 243766 05LIGHTSTONL 138 ZC	243013	05GAVIN1	243766	05LIGHTSTONL	ZC	138	205	AEP	348	407	Base Case	0	40	-	11.49	0	0.00%	0.00%	0.00%	
1967	243013 05GAVIN1 138 243766 05LIGHTSTONL 138 ZD	243013	05GAVIN1	243766	05LIGHTSTONL	ZD	138	205	AEP	348	407	Base Case	0	40	-	11.49	0	0.00%	0.00%	0.00%	
1968	242941 05OHIOCT 345 243455 05CONES 345 1	242941	05OHIOCT	243455	05CONES	1	345	205	AEP	1370	1503	Base Case	0	157.4	-	11.49	0	0.41%	0.41%	-0.12%	
1969	249998 08CMMSVL 138 250062 08METRSR 138 1	249998	08CMMSVL	250062	08METRSR	1	138	212	DEO&K	268	268	Base Case	0	30.8	-	11.48	0	-0.01%	-0.01%	-0.02%	
1970	247802 05ARENDSR SS 138 247804 05DEVOLA 138 1	247802	05ARENDSR SS	247804	05DEVOLA	1	138	205	AEP	296	413	Base Case	0	-33.9	-	11.47	0	0.19%	0.19%	0.14%	
1971	242968 05BRUES 138 242969 05BRUES2 138 Z1	242968	05BRUES	242969	05BRUES2	Z1	138	205	AEP	548	601	Base Case	0	62.7	-	11.43	0	0.00%	0.00%	0.05%	
1972	238851 02KD Q-1 138 238857 02KHTPQ1 138 1	238851	02KD Q-1	238857	02KHTPQ1	1	138	202	ATSI	273	332	Base Case	0	31.2	-	11.43	0	0.00%	0.00%	0.00%	
1973	243464 05ADAMS 138 246942 05WARERD 138 1	243464	05ADAMS	246942	05WARERD	1	138	205	AEP	296	413	Base Case	0	-33.8	-	11.43	0	0.10%	0.10%	0.07%	
1974	253027 09GREENE 345 253248 09SCHARL 345 1	253027	09GREENE	253248	09SCHARL	1	345	209	DAY	1239	1374	Base Case	0	141.5	-	11.42	0	-1.19%	-1.19%	-0.35%	
1975	242559 05BOLT Z 138 242820 05SUNDL1 138 1	242559	05BOLT Z	242820	05SUNDL1	1	138	205	AEP	223	223	Base Case	0	25.4	-	11.38	0	-0.02%	-0.02%	0.18%	
1976	238812 02HOYTDL 345 238813 02HOYTDL 138 2	238812	02HOYTDL	238813	02HOYTDL	2	345/138	202	ATSI	533	601	Base Case	0	60.5	-	11.34	0	-0.79%	-0.80%	-0.02%	
1977	238894 02LF Q-4 138 239004 02NFLDQ4 138 1	238894	02LF Q-4	239004	02NFLDQ4	1	138	202	ATSI	256	262	Base Case	0	-29	-	11.33	0	-0.14%	-0.14%	0.05%	
1978	243320 05KANKAKEE2 138 245857 05KANKAKEE1 138 Z1	243320	05KANKAKEE2	245857	05KANKAKEE1	Z1	138	205	AEP	187	240	Base Case	0	-21.2	-	11.32	0	0.06%	0.06%	0.04%	
1979	243316 05INDUST PK1 138 243338 05MCKINLEY3 138 1	243316	05INDUST PK1	243338	05MCKINLEY3	1	138	205	AEP	251	335	Base Case	0	-28.4	-	11.32	0	0.02%	0.02%	0.05%	
1980	246915 05PRINCESS 138 247652 05HOODSCRK 138 1	246915	05PRINCESS	247652	05HOODSCRK	1	138	205	AEP	251	335	Base Case	0	-28.4	-	11.31	0	0.00%	0.00%	-0.01%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1981	243006 05FOSTOR 138 243137 05W.END FOS1 138 1	243006	05FOSTOR	243137	05W.END FOS1	1	138	205	AEP	296	296	Base Case	0	33.5	-	11.31	0	-0.10%	-0.10%	0.08%	
1982	239154 02W.FREM 138 239177 02WOODVI 138 1	239154	02W.FREM	239177	02WOODVI	1	138	202	ATSI	278	342	Base Case	0	31.4	-	11.3	0	0.13%	0.13%	-0.03%	
1983	243470 05BELPRE 138 243496 05CONGRES SS 138 1	243470	05BELPRE	243496	05CONGRES SS	1	138	205	AEP	296	361	Base Case	0	33.4	-	11.29	0	0.24%	0.24%	0.14%	
1984	250019 08EMWOD6 138 250117 08TRMNL1 138 1	250019	08EMWOD6	250117	08TRMNL1	1	138	212	DEO&K	299	299	Base Case	0	-33.6	-	11.24	0	-0.02%	-0.02%	-0.01%	
1985	246930 05BLUECK 345 246931 05BLUECK 115 1	246930	05BLUECK	246931	05BLUECK	1	345/115	205	AEP	350	367	Base Case	0	-39.3	-	11.23	0	-0.03%	-0.03%	-0.03%	
1986	243490 05CORNER 138 243565 05RIVERV S. 138 1	243490	05CORNER	243565	05RIVERV S.	1	138	205	AEP	240	282	Base Case	0	-26.9	-	11.22	0	0.06%	0.06%	-0.01%	
1987	243370 05S.BEND1 138 246066 05S.BEND2 138 Z1	243370	05S.BEND1	246066	05S.BEND2	Z1	138	205	AEP	219	255	Base Case	0	-24.6	-	11.21	0	0.20%	0.20%	0.12%	
1988	243319 05JAY 138 243358 05PENNVI 138 1	243319	05JAY	243358	05PENNVI	1	138	205	AEP	257	359	Base Case	0	28.7	-	11.18	0	0.01%	0.01%	0.06%	
1989	242578 05CARB Z 138 242593 05CHEM 2 138 1	242578	05CARB Z	242593	05CHEM 2	1	138	205	AEP	296	296	Base Case	0	33	-	11.16	0	-0.04%	-0.04%	-0.02%	
1990	238832 02JACKMA 138 239170 02WESTGT 138 1	238832	02JACKMA	239170	02WESTGT	1	138	202	ATSI	278	343	Base Case	0	31	-	11.15	0	0.05%	0.05%	-0.01%	
1991	238735 02FOXQ14 138 241935 02CLINTON 138 1	238735	02FOXQ14	241935	02CLINTON	1	138	202	ATSI	355	434	Base Case	0	39.6	-	11.15	0	0.00%	0.00%	0.00%	
1992	243514 05RJF CORP Z 138 243521 05HARMRH 138 1	243514	05RJF CORP Z	243521	05HARMRH	1	138	205	AEP	282	282	Base Case	0	31.4	-	11.13	0	-0.07%	-0.07%	-0.08%	
1993	238534 02ANGOLA 138 239169 02WENTWT 138 1	238534	02ANGOLA	239169	02WENTWT	1	138	202	ATSI	278	342	Base Case	0	-30.9	-	11.13	0	0.00%	0.00%	-0.01%	
1994	243256 05CABOT SS 138 243258 05CLEVEL 138 1	243256	05CABOT SS	243258	05CLEVEL	1	138	205	AEP	205	284	Base Case	0	-22.8	-	11.11	0	-0.04%	-0.04%	-0.02%	
1995	243386 05VALLY 138 244076 05ALMENA 138 1	243386	05VALLY	244076	05ALMENA	1	138	205	AEP	296	413	Base Case	0	32.8	-	11.09	0	0.00%	0.00%	0.00%	
1996	245533 05HOLLOWAY34 138 247852 05DILESBTMZ2 138 1	245533	05HOLLOWAY34	247852	05DILESBTMZ2	1	138	205	AEP	556	678	Base Case	0	-61.7	-	11.09	0	-0.10%	-0.10%	0.18%	
1997	238812 02HOYTDL 345 238813 02HOYTDL 138 1	238812	02HOYTDL	238813	02HOYTDL	1	345/138	202	ATSI	533	601	Base Case	0	59.1	-	11.08	0	-0.78%	-0.78%	-0.02%	
1998	249988 08BKJ135 138 250097 08SGROVE 138 1	249988	08BKJ135	250097	08SGROVE	1	138	212	DEO&K	291	291	Base Case	0	-32.2	-	11.08	0	-0.07%	-0.07%	-0.04%	
1999	242703 05LEON A 138 243947 05RIPLEY 138 1	242703	05LEON A	243947	05RIPLEY	1	138	205	AEP	296	413	Base Case	0	32.8	-	11.08	0	0.02%	0.02%	0.02%	
2000	243229 05OLIVE 345 270771 GREENACRE; T 345 1	243229	05OLIVE	270771	GREENACRE; T	1	345	205/222	AEP/CE	971	971	Base Case	0	107.3	-	11.05	0	0.75%	0.75%	0.54%	
2001	242598 05CHNC Z 138 242809 05SPRIG1 138 1	242598	05CHNC Z	242809	05SPRIG1	1	138	205	AEP	167	167	Base Case	0	18.4	-	11.04	0	0.07%	0.07%	0.05%	
2002	242688 05JOSHUA 138 242737 05OPOSSUMCK 138 1	242688	05JOSHUA	242737	05OPOSSUMCK	1	138	205	AEP	388	484	Base Case	0	42.8	-	11.04	0	0.00%	0.00%	-0.43%	
2003	242621 05DARRH1 138 242622 05DARRH2 138 Z1	242621	05DARRH1	242622	05DARRH2	Z1	138	205	AEP	302	302	Base Case	0	33.3	-	11.04	0	-0.05%	-0.05%	0.00%	
2004	249992 08CDRVL1 138 249993 08CDRVL2 138 Z1	249992	08CDRVL1	249993	08CDRVL2	Z1	138	212	DEO&K	516	573	Base Case	0	-56.7	-	11	0	0.03%	0.03%	0.03%	
2005	243697 05LOVELY 138 246923 05NEWSOM 138 1	243697	05LOVELY	246923	05NEWSOM	1	138	205	AEP	251	335	Base Case	0	27.5	-	10.96	0	-0.07%	-0.07%	-0.12%	
2006	247019 05NEVILLE SS 138 247862 05TUSCANY 138 1	247019	05NEVILLE SS	247862	05TUSCANY	1	138	205	AEP	427	601	Base Case	0	-46.8	-	10.95	0	-0.02%	-0.02%	0.09%	
2007	246950 05TIMBSS 138 246951 05TIMBCS 138 Z1	246950	05TIMBSS	246951	05TIMBCS	Z1	138	205	AEP	167	245	Base Case	0	-18.3	-	10.94	0	-0.01%	-0.01%	-0.01%	
2008	242521 05NAGEL 500 242729 05NAGEL 138 1	242521	05NAGEL	242729	05NAGEL	1	500/138	205	AEP	750	750	Base Case	0	81.9	-	10.92	0	-0.01%	-0.01%	0.14%	
2009	238595 02BURTON 138 239056 02R.M. + 138 1	238595	02BURTON	239056	02R.M. +	1	138	202	ATSI	157	192	Base Case	0	-17.1	-	10.92	0	-0.01%	-0.01%	0.00%	
2010	238813 02HOYTDL 138 238991 02NCASTL 138 2	238813	02HOYTDL	238991	02NCASTL	2	138	202	ATSI	329	373	Base Case	0	35.9	-	10.92	0	0.14%	0.14%	0.04%	
2011	238813 02HOYTDL 138 238991 02NCASTL 138 1	238813	02HOYTDL	238991	02NCASTL	1	138	202	ATSI	329	413	Base Case	0	35.9	-	10.92	0	0.14%	0.14%	0.04%	
2012	238928 02LTV+ 138 238969 02MRGP + 138 1	238928	02LTV+	238969	02MRGP +	1	138	202	ATSI	200	242	Base Case	0	21.8	-	10.91	0	0.10%	0.10%	-0.11%	
2013	238829 02IVYQ14 138 240351 02IV-NB+18 138 1	238829	02IVYQ14	240351	02IV-NB+18	1	138	202	ATSI	260	309	Base Case	0	-28.3	-	10.9	0	-0.03%	-0.03%	0.02%	
2014	242988 05DOGWOO 138 242992 05E WHEE 138 1	242988	05DOGWOO	242992	05E WHEE	1	138	205	AEP	167	167	Base Case	0	-18.2	-	10.9	0	0.05%	0.05%	0.13%	
2015	238868 02KPQ-13 138 238877 02LAQ-13 138 1	238868	02KPQ-13	238877	02LAQ-13	1	138	202	ATSI	347	423	Base Case	0	-37.8	-	10.9	0	0.00%	0.00%	0.00%	
2016	243564 05RIVERV N. 138 243565 05RIVERV S. 138 Z1	243564	05RIVERV N.	243565	05RIVERV S.	Z1	138	205	AEP	248	310	Base Case	0	27	-	10.89	0	0.06%	0.06%	-0.01%	
2017	242653 05GRANDV 138 242668 05HINTON 138 1	242653	05GRANDV	242668	05HINTON	1	138	205	AEP	383	449	Base Case	0	41.7	-	10.89	0	-0.08%	-0.08%	-0.72%	
2018	238815 02IKQ-15 138 238880 02LTFQ15 138 1	238815	02IKQ-15	238880	02LTFQ15	1	138	202	ATSI	273	332	Base Case	0	29.6	-	10.86	0	0.01%	0.01%	-0.01%	
2019	243349 05NEW CARLI2 138 246996 05PLETCH 138 1	243349	05NEW CARLI2	246996	05PLETCH	1	138	205	AEP	187	205	Base Case	0	20.3	-	10.85	0	-0.07%	-0.07%	-0.02%	
2020	243020 05HILLVI 138 243056 05NEWCOM 138 1	243020	05HILLVI	243056	05NEWCOM	1	138	205	AEP	287	337	Base Case	0	-31.1	-	10.84	0	-0.42%	-0.43%	0.11%	
2021	238505 02DELTA 138 238738 02FULTON 138 1	238505	02DELTA	238738	02FULTON	1	138	202	ATSI	288	346	Base Case	0	-31.1	-	10.81	0	0.07%	0.07%	0.00%	
2022	242804 05SOURWO 138 247290 05HARMON 138 1	242804	05SOURWO	247290	05HARMON	1	138	205	AEP	223	223	Base Case	0	-24.1	-	10.79	0	0.07%	0.07%	-0.12%	
2023	238693 02ELM 138 238825 02IVANHO 138 1	238693	02ELM	238825	02IVANHO	1	138	202	ATSI	275	333	Base Case	0	-29.7	-	10.78	0	-0.02%	-0.02%	0.00%	
2024	243301 05GRANGE 138 243355 05ONTWA8 SS 138 1	243301	05GRANGE	243355	05ONTWA8 SS	1	138	205	AEP	293	341	Base Case	0	-31.6	-	10.78	0	-0.02%	-0.02%	-0.04%	
2025	245358 05PENGUINDP1 138 246177 05ANGUIN1-2 138 1A	245358	05PENGUINDP1	246177	05ANGUIN1-2	1A	138	205	AEP	492	492	Base Case	0	-53	-	10.78	0	0.00%	0.00%	0.00%	
2026	245358 05PENGUINDP1 138 246177 05ANGUIN1-2 138 1B	245358	05PENGUINDP1	246177	05ANGUIN1-2	1B	138	205	AEP	492	492	Base Case	0	-53	-	10.78	0	0.00%	0.00%	0.00%	
2027	242925 05KAMMER 765 270162 AB2-067 TAP 765 1	242925	05KAMMER	270162	AB2-067 TAP	1	765	205	AEP	4047	4142	Base Case	0	-436.1	-	10.78	0	-6.39%	-6.39%	-2.04%	
2028	242763 05RENSFD 138 243422 05POINTL 138 1	242763	05RENSFD	243422	05POINTL	1	138	205	AEP	180	227	Base Case	0	-19.4	-	10.77	0	-0.04%	-0.04%	-0.24%	
2029	235707 01WYLIE R 345 239368 02TORONTO 345 1	235707	01WYLIE R	239368	02TORONTO	1	345	201/202	AP/ATSI	2504	2868	Base Case	0	269.6	-	10.77	0	4.86%	4.86%	2.25%	
2030	247329 05STINGER 138 247330 05BRODY 138 1	247329	05STINGER	247330	05BRODY	1	138	205	AEP	323	449	Base Case	0	34.8	-	10.76	0	-0.01%	-0.01%	-0.01%	
2031	243016 05HANTHR 138 243125 05THAYER 138 1	243016	05HANTHR	243125	05THAYER	1	138	205	AEP	185	185	Base Case	0	-19.9	-	10.75	0	0.05%	0.05%	-0.05%	
2032	250057 08M.FORT 138 250058 08M.FTGT 138 1	250057	08M.FORT	250058	08M.FTGT	1	138	212	DEO&K	266	266	Base Case	0	28.6	-	10.74	0	0.01%	0.01%	0.01%	
2033	242510 05BAKER 765 242924 05HANG R 765 1	242510	05BAKER	242924	05HANG R	1	765	205	AEP	4047	4571	Base Case	0	-434.1	-	10.73	0	-2.86%	-2.86%	-5.94%	
2034	242576 05CAPITOLH 138 247844 05CAPITOLH2 138 Z1	242576	05CAPITOLH	247844	05CAPITOLH2	Z1	138	205	AEP	747	747	Base Case	0	80.1	-	10.72	0	0.01%	0.01%	-0.09%	
2035	246051 05DEER CRK2 138 246763 05PIPECK 138 1	246051	05DEER CRK2	246763	05PIPECK	1	138	205	AEP	257	360	Base Case	0	27.5	-	10.71	0	-0.03%	-0.03%	-0.05%	
2036	243364 05RICHMO 138 243373 05SELMAP 138 1	243364	05RICHMO	243373	05SELMAP	1	138	205	AEP	164	167	Base Case	0	-17.6	-	10.71	0	-0.02%	-0.02%	-0.03%	
2037	243482 05CENTBG 138 243488 05CONESVILLE 138 1	243482	05CENTBG	243488	05CONESVILLE	1	138	205	AEP	338	338	Base Case	0	-36.2	-	10.7	0	0.04%	0.04%	-0.01%	
2038	242563 05BOXWD 138 246229 05REUSENS2 138 1	242563	05BOXWD	246229	05REUSENS2	1	138	205	AEP	167	167	Base Case	0	-17.8	-	10.68	0	-0.13%	-0.13%	-0.24%	
2039	238908 02LONDON 138 240706 02NATIONAL 138 1	238908	02LONDON	240706	02NATIONAL	1	138	202	ATSI	233	282	Base Case	0	-24.9	-	10.68	0	0.05%	0.05%	-0.01%	
2040	243059 05NFINDL 138 243067 05NWOODC 138 1	243059	05NFINDL	243067	05NWOODC	1	138	205	AEP	167	245	Base Case	0	-17.8	-	10.67	0	-0.10%	-0.10%	0.06%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2041	238852 02KD Q-3 138 238858 02KHTPQ3 138 1	238852	02KD Q-3	238858	02KHTPQ3	1	138	202	ATSI	273	332	Base Case	0	29	-	10.64	0	0.00%	0.00%	0.00%	
2042	247832 05LAMPING 345 247833 05LAMPING 138 1	247832	05LAMPING	247833	05LAMPING	1	345/138	205	AEP	450	450	Base Case	0	47.9	-	10.63	0	-0.15%	-0.15%	-0.14%	
2043	250081 08OAKLEY 138 250158 088MIRDJ 138 1	250081	08OAKLEY	250158	088MIRDJ	1	138	212	DEO&K	332	332	Base Case	0	-35.3	-	10.63	0	0.04%	0.04%	0.04%	
2044	253071 09SIDNEY 138 253072 09SPRING 138 1	253071	09SIDNEY	253072	09SPRING	1	138	209	DAY	196	241	Base Case	0	-20.8	-	10.62	0	-0.05%	-0.05%	0.01%	
2045	238894 02LF Q-4 138 238973 02MX Q-4 138 1	238894	02LF Q-4	238973	02MX Q-4	1	138	202	ATSI	273	332	Base Case	0	29	-	10.61	0	-0.14%	-0.14%	0.05%	
2046	238754 02GFQ-12 138 238793 02HDGQ12 138 1	238754	02GFQ-12	238793	02HDGQ12	1	138	202	ATSI	425	522	Base Case	0	-45	-	10.6	0	-0.02%	-0.02%	0.00%	
2047	238754 02GFQ-12 138 238922 02LTEQ12 138 1	238754	02GFQ-12	238922	02LTEQ12	1	138	202	ATSI	425	522	Base Case	0	45	-	10.6	0	-0.02%	-0.02%	0.00%	
2048	242716 05MIDKIF 138 247243 05SHERID 138 1	242716	05MIDKIF	247243	05SHERID	1	138	205	AEP	296	378	Base Case	0	-31.4	-	10.6	0	-0.05%	-0.05%	-0.14%	
2049	242629 05E.MONU 138 242770 05RIGIS 138 1	242629	05E.MONU	242770	05RIGIS	1	138	205	AEP	219	251	Base Case	0	23.2	-	10.58	0	0.02%	0.02%	0.19%	
2050	242824 05TAMSM1 138 247557 05MABSCOTT 138 1	242824	05TAMSM1	247557	05MABSCOTT	1	138	205	AEP	158	183	Base Case	0	16.7	-	10.56	0	-0.03%	-0.03%	0.07%	
2051	242531 05EDANV2 230 242632 05EDAN 2 138 4	242531	05EDANV2	242632	05EDAN 2	4	230/138	205	AEP	696	814	Base Case	0	73.5	-	10.56	0	0.30%	0.30%	3.35%	
2052	243486 05CLINTX 138 243551 05OSU 138 1	243486	05CLINTX	243551	05OSU	1	138	205	AEP	129	171	Base Case	0	13.6	-	10.55	0	0.03%	0.03%	0.01%	
2053	247801 05BUELL 138 247802 05ARENDSR SS 138 1	247801	05BUELL	247802	05ARENDSR SS	1	138	205	AEP	296	413	Base Case	0	-31.2	-	10.55	0	0.19%	0.19%	0.14%	
2054	239146 02UTTP1 138 239149 02VULCAN 138 ZL	239146	02UTTP1	239149	02VULCAN	ZL	138	202	ATSI	290	325	Base Case	0	30.5	-	10.53	0	-0.06%	-0.06%	0.01%	
2055	243297 05GERMAN 138 243352 05NTRDAM 138 1	243297	05GERMAN	243352	05NTRDAM	1	138	205	AEP	257	360	Base Case	0	27	-	10.5	0	-0.09%	-0.09%	-0.06%	
2056	242945 05SW LIM 345 245977 05GRISTMILL 345 1	242945	05SW LIM	245977	05GRISTMILL	1	345	205	AEP	1409	1409	Base Case	0	147.9	-	10.49	0	0.45%	0.45%	-0.22%	
2057	250172 08AERO 138 250173 08WDSPNT 138 1	250172	08AERO	250173	08WDSPNT	1	138	212	DEO&K	301	301	Base Case	0	-31.6	-	10.49	0	-0.01%	-0.01%	-0.01%	
2058	243149 05W.LANCAST1 138 246021 05W.LANCAST2 138 Z1	243149	05W.LANCAST1	246021	05W.LANCAST2	Z1	138	205	AEP	383	449	Base Case	0	40.2	-	10.49	0	0.02%	0.02%	0.05%	
2059	241237 02GROV TP 138 241935 02CLINTON 138 1	241237	02GROV TP	241935	02CLINTON	1	138	202	ATSI	278	339	Base Case	0	-29.1	-	10.48	0	0.22%	0.22%	0.02%	
2060	243363 05REED 138 243366 05ROB PK12 138 1	243363	05REED	243366	05ROB PK12	1	138	205	AEP	219	251	Base Case	0	-23	-	10.48	0	-0.07%	-0.07%	-0.05%	
2061	243012 05G WASHGTON 138 247852 05DILESBTMZ2 138 1	243012	05G WASHGTON	247852	05DILESBTMZ2	1	138	205	AEP	590	590	Base Case	0	61.8	-	10.47	0	-0.10%	-0.10%	0.18%	
2062	250032 08FRFLD1 138 250040 08HALL2 138 1	250032	08FRFLD1	250040	08HALL2	1	138	212	DEO&K	198	198	Base Case	0	-20.7	-	10.45	0	0.02%	0.02%	-0.02%	
2063	242939 05MARYSV 345 253251 09DAYMRY 345 1	242939	05MARYSV	253251	09DAYMRY	1	345	205/209	AEP/DAY	1255	1374	Base Case	0	131	-	10.44	0	0.03%	0.03%	0.02%	
2064	243103 05SKENTO 138 243147 05WILDCRK SS 138 1	243103	05SKENTO	243147	05WILDCRK SS	1	138	205	AEP	158	180	Base Case	0	16.5	-	10.42	0	-0.10%	-0.10%	-0.04%	
2065	238638 02CPP NH 138 239005 02NHTQ11 138 ZL	238638	02CPP NH	239005	02NHTQ11	ZL	138	202	ATSI	273	332	Base Case	0	-28.4	-	10.42	0	0.08%	0.08%	-0.02%	
2066	245456 05NEWBERY 138 247001 05YELLOW CK2 138 1	245456	05NEWBERY	247001	05YELLOW CK2	1	138	205	AEP	296	413	Base Case	0	-30.8	-	10.4	0	0.06%	0.06%	0.10%	
2067	243012 05G WASHGTON 138 247839 05DILLES BTM 138 1	243012	05G WASHGTON	247839	05DILLES BTM	1	138	205	AEP	590	590	Base Case	0	61.2	-	10.37	0	-0.10%	-0.10%	0.18%	
2068	242928 05MARYSV 765 246999 05SORENS 765 1	242928	05MARYSV	246999	05SORENS	1	765	205	AEP	4047	4142	Base Case	0	-419.5	-	10.37	0	-5.34%	-5.34%	-3.50%	
2069	242847 05WHARTZ 138 244187 05STINK RUN 138 1	242847	05WHARTZ	244187	05STINK RUN	1	138	205	AEP	205	284	Base Case	0	-21.2	-	10.35	0	0.01%	0.01%	0.02%	
2070	238551 02AVON 345 239725 02LAKEAVE 345 1	238551	02AVON	239725	02LAKEAVE	1	345	202	ATSI	1560	1900	Base Case	0	-161.3	-	10.34	0	-1.22%	-1.22%	-0.05%	
2071	243692 05HAZRD1 138 243693 05HAZRD2 138 Z1	243692	05HAZRD1	243693	05HAZRD2	Z1	138	205	AEP	187	240	Base Case	0	-19.3	-	10.34	0	-0.10%	-0.10%	-0.05%	
2072	242521 05NAGEL 500 242729 05NAGEL 138 3	242521	05NAGEL	242729	05NAGEL	3	500/138	205	AEP	795	906	Base Case	0	81.9	-	10.3	0	-0.01%	-0.01%	0.14%	
2073	238699 02ENQ-12 138 238739 02FWLSQ1 138 1	238699	02ENQ-12	238739	02FWLSQ1	1	138	202	ATSI	265	332	Base Case	0	-27.3	-	10.3	0	-0.09%	-0.09%	0.00%	
2074	243502 05E.BROAD 138 243592 05YEARLG 138 1	243502	05E.BROAD	243592	05YEARLG	1	138	205	AEP	240	277	Base Case	0	24.7	-	10.29	0	0.05%	0.05%	0.00%	
2075	246606 05WETZEL SS 138 247095 05WILLIAM TH 138 1	246606	05WETZEL SS	247095	05WILLIAM TH	1	138	205	AEP	185	257	Base Case	0	19	-	10.27	0	0.00%	0.00%	0.00%	
2076	242972 05BLOOMFD SS 138 243135 05W DOVE 138 1	242972	05BLOOMFD SS	243135	05W DOVE	1	138	205	AEP	296	361	Base Case	0	30.3	-	10.25	0	-0.47%	-0.47%	0.10%	
2077	238685 02EASTLK 138 241923 02ELQ3 138 1	238685	02EASTLK	241923	02ELQ3	1	138	202	ATSI	999	999	Base Case	0	102.2	-	10.23	0	0.03%	0.03%	-0.01%	
2078	242528 05SPORN 345 242529 05TRISTA 345 1	242528	05SPORN	242529	05TRISTA	1	345	205	AEP	1132	1132	Base Case	0	-115.8	-	10.23	0	-0.18%	-0.18%	0.56%	
2079	247839 05DILLES BTM 138 247840 05DILESBTMZ1 138 1	247839	05DILLES BTM	247840	05DILESBTMZ1	1	138	205	AEP	590	590	Base Case	0	60.4	-	10.23	0	-0.10%	-0.10%	0.18%	
2080	242563 05BOXWD 138 247632 05AMHERST 138 1	242563	05BOXWD	247632	05AMHERST	1	138	205	AEP	219	251	Base Case	0	-22.4	-	10.23	0	-0.16%	-0.16%	-0.41%	
2081	242670 05HOLST2 138 242830 05TENNE2 138 2	242670	05HOLST2	242830	05TENNE2	2	138	205	AEP	68	68	Base Case	0	7	-	10.23	0	0.00%	0.00%	0.02%	
2082	242750 05PHILPOTT Z 138 242844 05W.BASS 138 1	242750	05PHILPOTT Z	242844	05W.BASS	1	138	205	AEP	202	202	Base Case	0	-20.7	-	10.22	0	0.05%	0.05%	0.53%	
2083	243060 05NINTIE 138 243156 05W.NEW PHIL 138 1	243060	05NINTIE	243156	05W.NEW PHIL	1	138	205	AEP	285	291	Base Case	0	29.1	-	10.21	0	0.42%	0.42%	-0.10%	
2084	238667 02DUALR+ 138 239073 02ROBERT 138 1	238667	02DUALR+	239073	02ROBERT	1	138	202	ATSI	190	225	Base Case	0	19.4	-	10.21	0	0.07%	0.07%	-0.08%	
2085	243294 05FLWRFD8 SS 138 243345 05MOORPK 138 1	243294	05FLWRFD8 SS	243345	05MOORPK	1	138	205	AEP	251	251	Base Case	0	25.6	-	10.2	0	-0.01%	-0.01%	-0.01%	
2086	238551 02AVON 345 239725 02LAKEAVE 345 2	238551	02AVON	239725	02LAKEAVE	2	345	202	ATSI	1560	1900	Base Case	0	-159	-	10.19	0	-1.20%	-1.20%	-0.05%	
2087	244287 05WOLF GLADE 138 245117 05W.CARROLL 138 1	244287	05WOLF GLADE	245117	05W.CARROLL	1	138	205	AEP	251	251	Base Case	0	-25.6	-	10.18	0	0.03%	0.03%	0.07%	
2088	242766 05RICHLA 138 247149 05WHITWD 138 1	242766	05RICHLA	247149	05WHITWD	1	138	205	AEP	296	398	Base Case	0	30.1	-	10.17	0	0.06%	0.06%	0.17%	
2089	242519 05CLOVRD 500 242524 05CLOVRD 345 16	242519	05CLOVRD	242524	05CLOVRD	16	500/345	205	AEP	1733	1758	Base Case	0	176	-	10.15	0	1.05%	1.05%	0.74%	
2090	242519 05CLOVRD 500 242524 05CLOVRD 345 15	242519	05CLOVRD	242524	05CLOVRD	15	500/345	205	AEP	1733	1759	Base Case	0	176	-	10.15	0	1.05%	1.05%	0.74%	
2091	243030 05LIMAOR 138 243099 05SHAWNR 138 1	243030	05LIMAOR	243099	05SHAWNR	1	138	205	AEP	335	388	Base Case	0	-34	-	10.15	0	0.09%	0.09%	0.12%	
2092	242547 05BAILS2 138 242833 05TRAILF 138 1	242547	05BAILS2	242833	05TRAILF	1	138	205	AEP	334	334	Base Case	0	33.7	-	10.1	0	0.00%	0.00%	-0.30%	
2093	238605 02CARDNT 138 238746 02GALION 138 1	238605	02CARDNT	238746	02GALION	1	138	202	ATSI	145	145	Base Case	0	-14.6	-	10.1	0	0.01%	0.01%	-0.02%	
2094	239109 02SHRPQS 138 239199 02WN-STL 138 1	239109	02SHRPQS	239199	02WN-STL	1	138	202	ATSI	160	192	Base Case	0	-16.1	-	10.07	0	-0.07%	-0.07%	0.01%	
2095	243490 05CORNER 138 243533 05LAYMAN 138 1	243490	05CORNER	243533	05LAYMAN	1	138	205	AEP	205	284	Base Case	0	-20.6	-	10.06	0	-0.43%	-0.43%	-0.23%	
2096	239103 02SHARON 138 239109 02SHRPQS 138 1	239103	02SHARON	239109	02SHRPQS	1	138	202	ATSI	160	192	Base Case	0	-16.1	-	10.05	0	-0.07%	-0.07%	0.01%	
2097	242592 05CHEM 1 138 242836 05TURNE1 138 1	242592	05CHEM 1	242836	05TURNE1	1	138	205	AEP	296	296	Base Case	0	-29.7	-	10.04	0	-0.03%	-0.03%	-0.02%	
2098	242651 05GLENL2 138 242749 05PETERM 138 1	242651	05GLENL2	242749	05PETERM	1	138	205	AEP	205	205	Base Case	0	20.6	-	10.04	0	-0.11%	-0.11%	-0.25%	
2099	242943 05SCANTO 345 242944 05SECANT 345 1	242943	05SCANTO	242944	05SECANT	1	345	205	AEP	1409	1409	Base Case	0	141.2	-	10.02	0	-0.33%	-0.33%	0.49%	
2100	242782 05RUTH 138 242836 05TURNE1 138 1	242782	05RUTH	242836	05TURNE1	1	138	205	AEP	729	729	Base Case	0	-73	-	10.01	0	-0.09%	-0.09%	-0.17%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2101	243378 05SPY RUN2 138 246993 05PURDUE 138 1	243378	05SPY RUN2	246993	05PURDUE	1	138	205	AEP	296	392	Base Case	0	-29.6	-	10.01	0	0.00%	0.00%	-0.03%	
2102	243851 05CENTRM 138 243852 05CENT27 138 1	243851	05CENTRM	243852	05CENT27	1	138	205	AEP	205	205	Base Case	0	-20.5	-	9.99	0	0.00%	0.00%	0.00%	
2103	250100 08SMRSD1 138 250142 08WARDSC 138 1	250100	08SMRSD1	250142	08WARDSC	1	138	212	DEO&K	249	249	Base Case	0	24.8	-	9.96	0	0.02%	0.02%	0.03%	
2104	243525 05HUNTLEY1 138 243535 05LINWRT 138 1	243525	05HUNTLEY1	243535	05LINWRT	1	138	205	AEP	216	216	Base Case	0	21.5	-	9.94	0	0.02%	0.02%	0.01%	
2105	250072 08MTCHL1 138 250073 08MTCHL3 138 Z1	250072	08MTCHL1	250073	08MTCHL3	Z1	138	212	DEO&K	394	394	Base Case	0	39.1	-	9.92	0	-0.03%	-0.03%	-0.02%	
2106	238757 02GLCRST 138 238873 02LAKMOR 138 1	238757	02GLCRST	238873	02LAKMOR	1	138	202	ATSI	157	196	Base Case	0	-15.5	-	9.89	0	-0.04%	-0.04%	0.05%	
2107	243684 05DEWEY 138 244008 05STANVILLE1 138 1	243684	05DEWEY	244008	05STANVILLE1	1	138	205	AEP	223	223	Base Case	0	22.1	-	9.89	0	-0.01%	-0.01%	-0.17%	
2108	239055 02Q15TAP 138 239349 02MILCHM 138 1	239055	02Q15TAP	239349	02MILCHM	1	138	202	ATSI	273	332	Base Case	0	27	-	9.88	0	0.00%	0.00%	0.00%	
2109	238703 02ESPRNG 138 240709 02N TITUS 138 1	238703	02ESPRNG	240709	02N TITUS	1	138	202	ATSI	200	242	Base Case	0	-19.8	-	9.88	0	0.07%	0.07%	0.03%	
2110	242525 05KANAWH 345 242526 05KANAWZ 345 ZB	242525	05KANAWH	242526	05KANAWZ	ZB	345	205	AEP	1494	1595	Base Case	0	147.4	-	9.87	0	-0.69%	-0.69%	-2.34%	
2111	242681 05IVY HL 138 243857 05COFFEE 138 1	242681	05IVY HL	243857	05COFFEE	1	138	205	AEP	167	245	Base Case	0	16.5	-	9.86	0	-0.01%	-0.01%	-0.23%	
2112	243263 05COLUMBIA 138 255163 17NORTHEAST 138 1	243263	05COLUMBIA	255163	17NORTHEAST	1	138	205/217	AEP/NIPS	143	143	Base Case	0	-14.1	-	9.86	0	-0.09%	-0.09%	-0.07%	
2113	242670 05HOLST2 138 244508 05RIGGS 138 1	242670	05HOLST2	244508	05RIGGS	1	138	205	AEP	117	117	Base Case	0	-11.5	-	9.86	0	0.03%	0.03%	0.27%	
2114	243107 05SPENCR 138 244230 05SUNDAY SS 138 1	243107	05SPENCR	244230	05SUNDAY SS	1	138	205	AEP	259	325	Base Case	0	-25.5	-	9.85	0	-0.14%	-0.14%	0.15%	
2115	243493 05CRVERD 138 245962 05DLAWAR3 138 1	243493	05CRVERD	245962	05DLAWAR3	1	138	205	AEP	293	341	Base Case	0	-28.9	-	9.85	0	-0.04%	-0.04%	0.01%	
2116	242519 05CLOVRD 500 242512 05CLOVRD 765 14	242519	05CLOVRD	242512	05CLOVRD	14	500/765	205	AEP	2590	2877	Base Case	0	-254.9	-	9.84	0	-3.49%	-3.49%	-2.88%	
2117	242974 05BUCKLR 138 244341 05SOFTAIL SS 138 1	242974	05BUCKLR	244341	05SOFTAIL SS	1	138	205	AEP	251	251	Base Case	0	-24.7	-	9.84	0	-0.01%	-0.01%	0.00%	
2118	239027 02OILEVS 138 239191 02JMDUTC 138 1	239027	02OILEVS	239191	02JMDUTC	1	138	202	ATSI	308	376	Base Case	0	30.3	-	9.83	0	0.05%	0.05%	0.01%	
2119	242965 05BRIDGEVILZ 138 242972 05BLOOMFD SS 138 1	242965	05BRIDGEVILZ	242972	05BLOOMFD SS	1	138	205	AEP	335	392	Base Case	0	32.9	-	9.81	0	-0.47%	-0.47%	0.10%	
2120	238589 02BRUSH 138 239161 02WAKRON 138 1	238589	02BRUSH	239161	02WAKRON	1	138	202	ATSI	143	146	Base Case	0	-14	-	9.77	0	-0.02%	-0.02%	0.08%	
2121	242582 05CARWLZ 138 242833 05TRAILF 138 1	242582	05CARWLZ	242833	05TRAILF	1	138	205	AEP	334	334	Base Case	0	-32.6	-	9.77	0	0.00%	0.00%	-0.30%	
2122	243262 05COLLEGE C 138 243310 05HODGIN 138 1	243262	05COLLEGE C	243310	05HODGIN	1	138	205	AEP	219	247	Base Case	0	21.4	-	9.75	0	0.04%	0.04%	0.05%	
2123	242784 05S.BLUE 138 247850 05TOWN CREEK 138 1	242784	05S.BLUE	247850	05TOWN CREEK	1	138	205	AEP	296	413	Base Case	0	-28.9	-	9.75	0	0.04%	0.04%	0.19%	
2124	246946 05WLDCAT 138 247034 05EMERSS 138 1	246946	05WLDCAT	247034	05EMERSS	1	138	205	AEP	185	185	Base Case	0	-18	-	9.74	0	-0.06%	-0.06%	0.01%	
2125	242533 05ABINGD 138 246779 05S.ABINGDN2 138 1	242533	05ABINGD	246779	05S.ABINGDN2	1	138	205	AEP	167	240	Base Case	0	16.3	-	9.73	0	0.00%	0.00%	-0.14%	
2126	242603 05CLIFFR 138 242613 05COLLEEN SS 138 1	242603	05CLIFFR	242613	05COLLEEN SS	1	138	205	AEP	167	167	Base Case	0	16.2	-	9.72	0	-0.30%	-0.30%	-0.65%	
2127	242615 05COPPER 138 242667 05HILL 138 1	242615	05COPPER	242667	05HILL	1	138	205	AEP	219	223	Base Case	0	21.3	-	9.71	0	-0.02%	-0.02%	-0.20%	
2128	246988 05STRWTN 138 247116 05ALADDIN 138 1	246988	05STRWTN	247116	05ALADDIN	1	138	205	AEP	257	360	Base Case	0	25	-	9.71	0	-0.02%	-0.02%	-0.01%	
2129	238693 02ELM 138 238748 02GARDEN 138 1	238693	02ELM	238748	02GARDEN	1	138	202	ATSI	157	196	Base Case	0	15.2	-	9.69	0	-0.04%	-0.04%	0.00%	
2130	238685 02EASTLK 138 241925 02ELQ5 138 1	238685	02EASTLK	241925	02ELQ5	1	138	202	ATSI	999	999	Base Case	0	96.7	-	9.68	0	0.14%	0.14%	-0.05%	
2131	242530 05EDANV1 230 242631 05EDAN 1 138 5	242530	05EDANV1	242631	05EDAN 1	5	230/138	205	AEP	820	926	Base Case	0	79.2	-	9.65	0	0.30%	0.30%	3.39%	
2132	247371 05MUSKNG1B 138 247372 05MUSKNG1C 138 Z1	247371	05MUSKNG1B	247372	05MUSKNG1C	Z1	138	205	AEP	766	898	Base Case	0	73.9	-	9.65	0	-0.06%	-0.06%	0.06%	
2133	242554 05BIM 138 242847 05WHARTZ 138 1	242554	05BIM	242847	05WHARTZ	1	138	205	AEP	205	255	Base Case	0	-19.8	-	9.65	0	0.01%	0.01%	0.02%	
2134	238705 02ET Q-2 138 240250 02CHIAQ-2 138 1	238705	02ET Q-2	240250	02CHIAQ-2	1	138	202	ATSI	273	332	Base Case	0	-26.2	-	9.6	0	0.00%	0.00%	0.00%	
2135	250079 08NWTWN1 138 250092 08REDBK1 138 1	250079	08NWTWN1	250092	08REDBK1	1	138	212	DEO&K	332	332	Base Case	0	31.8	-	9.59	0	0.06%	0.06%	0.06%	
2136	242543 05AUSTIN 138 242859 05WYTHE2 138 1	242543	05AUSTIN	242859	05WYTHE2	1	138	205	AEP	251	251	Base Case	0	-24.1	-	9.58	0	-0.02%	-0.02%	-0.06%	
2137	243256 05CABOT SS 138 243336 05MANORZ 138 1	243256	05CABOT SS	243336	05MANORZ	1	138	205	AEP	205	284	Base Case	0	19.6	-	9.58	0	-0.04%	-0.04%	-0.02%	
2138	243473 05BIXBY 138 243552 05PICKR8 138 1	243473	05BIXBY	243552	05PICKR8	1	138	205	AEP	296	413	Base Case	0	28.4	-	9.58	0	-0.09%	-0.09%	-0.02%	
2139	243237 05ADAM 138 243358 05PENNVI 138 1	243237	05ADAM	243358	05PENNVI	1	138	205	AEP	257	359	Base Case	0	-24.6	-	9.58	0	0.01%	0.01%	0.06%	
2140	239016 02NT Q15 138 241924 02ELQ4 138 1	239016	02NT Q15	241924	02ELQ4	1	138	202	ATSI	225	295	Base Case	0	-21.5	-	9.58	0	0.02%	0.02%	-0.01%	
2141	238790 02HCQ-13 138 239051 02PV Q3 138 1	238790	02HCQ-13	239051	02PV Q3	1	138	202	ATSI	225	295	Base Case	0	-21.5	-	9.57	0	-0.05%	-0.05%	-0.01%	
2142	246202 05WARTON CC 138 246928 05WARTON H1 138 Z1	246202	05WARTON CC	246928	05WARTON H1	Z1	138	205	AEP	293	341	Base Case	0	-28	-	9.56	0	0.00%	0.00%	0.00%	
2143	238516 02JOHNMANDEF 138 238785 02JOHNMAN-2 138 1	238516	02JOHNMANDEF	238785	02JOHNMAN-2	1	138	202	ATSI	216	264	Base Case	0	-20.6	-	9.54	0	0.00%	0.00%	0.00%	
2144	238531 02ALLNJ 138 239345 02SIL_AE+ 138 1	238531	02ALLNJ	239345	02SIL_AE+	1	138	202	ATSI	278	339	Base Case	0	26.5	-	9.53	0	0.05%	0.05%	0.00%	
2145	238517 02LYONS 138 239345 02SIL_AE+ 138 1	238517	02LYONS	239345	02SIL_AE+	1	138	202	ATSI	278	287	Base Case	0	-26.5	-	9.53	0	0.05%	0.05%	0.00%	
2146	247800 05MACKSBURG 138 247801 05BUELL 138 1	247800	05MACKSBURG	247801	05BUELL	1	138	205	AEP	296	413	Base Case	0	-28.2	-	9.52	0	0.19%	0.19%	0.14%	
2147	238867 02KPQ-12 138 238876 02LAQ-12 138 1	238867	02KPQ-12	238876	02LAQ-12	1	138	202	ATSI	355	434	Base Case	0	-33.8	-	9.52	0	0.00%	0.00%	0.00%	
2148	238768 02GRNFLD 138 238981 02NASA 138 1	238768	02GRNFLD	238981	02NASA	1	138	202	ATSI	160	192	Base Case	0	15.2	-	9.51	0	-0.22%	-0.22%	-0.04%	
2149	243671 05BEAVER CR1 138 243683 05CONSTP 138 1	243671	05BEAVER CR1	243683	05CONSTP	1	138	205	AEP	251	309	Base Case	0	23.8	-	9.5	0	0.04%	0.04%	0.04%	
2150	243023 05HOCKNG 138 243149 05W.LANCAST1 138 1	243023	05HOCKNG	243149	05W.LANCAST1	1	138	205	AEP	196	247	Base Case	0	18.6	-	9.49	0	-0.01%	-0.01%	0.07%	
2151	243683 05CONSTP 138 243875 05SOFTSH 138 1	243683	05CONSTP	243875	05SOFTSH	1	138	205	AEP	251	309	Base Case	0	23.8	-	9.48	0	0.04%	0.04%	0.04%	
2152	243020 05HILLVI 138 243156 05W.NEW PHIL 138 1	243020	05HILLVI	243156	05W.NEW PHIL	1	138	205	AEP	277	277	Base Case	0	26.2	-	9.45	0	-0.42%	-0.43%	0.11%	
2153	250068 08MPLKL1 138 250131 08WILEY2 138 1	250068	08MPLKL1	250131	08WILEY2	1	138	212	DEO&K	308	308	Base Case	0	-29	-	9.41	0	-0.01%	-0.01%	0.00%	
2154	238506 02DIXIE 138 238832 02JACKMA 138 1	238506	02DIXIE	238832	02JACKMA	1	138	202	ATSI	235	288	Base Case	0	22.1	-	9.38	0	0.08%	0.08%	-0.01%	
2155	242513 05CULLOD 765 242923 05GAVIN 765 1	242513	05CULLOD	242923	05GAVIN	1	765	205	AEP	4047	4571	Base Case	0	-379.2	-	9.37	0	0.76%	0.76%	-5.70%	
2156	250094 08RMNTN1 138 250095 08RMNTN2 138 Z1	250094	08RMNTN1	250095	08RMNTN2	Z1	138	212	DEO&K	298	298	Base Case	0	-27.8	-	9.33	0	0.01%	0.01%	0.03%	
2157	239215 02BRIGHT 138 239319 02CAMDEN 138 1	239215	02BRIGHT	239319	02CAMDEN	1	138	202	ATSI	294	357	Base Case	0	-27.4	-	9.32	0	0.08%	0.08%	-0.11%	
2158	242537 05AMOS 138 247013 05CROOKC 138 1	242537	05AMOS	247013	05CROOKC	1	138	205	AEP	296	296	Base Case	0	27.6	-	9.32	0	0.06%	0.06%	0.02%	
2159	242562 05BORLND 138 243690 05HATFLD 138 1	242562	05BORLND	243690	05HATFLD	1	138	205	AEP	296	370	Base Case	0	-27.6	-	9.32	0	-0.04%	-0.04%	-0.08%	
2160	238531 02ALLNJ 138 239344 02ALLEN-2 138 ZB	238531	02ALLNJ	239344	02ALLEN-2	ZB	138	202	ATSI	563	563	Base Case	0	-52.4	-	9.31	0	-0.01%	-0.01%	0.00%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2161	243123 05SWITZE 138 247757 05HERLAN SW 138 1	243123	05SWITZE	247757	05HERLAN SW	1	138	205	AEP	205	284	Base Case	0	19.1	-	9.31	0	0.14%	0.14%	-0.03%	
2162	238893 02LF Q-2 138 238972 02MX Q-2 138 1	238893	02LF Q-2	238972	02MX Q-2	1	138	202	ATSI	273	332	Base Case	0	25.4	-	9.3	0	-0.15%	-0.15%	0.04%	
2163	238972 02MX Q-2 138 239020 02NW Q-2 138 1	238972	02MX Q-2	239020	02NW Q-2	1	138	202	ATSI	273	332	Base Case	0	25.4	-	9.29	0	-0.15%	-0.15%	0.04%	
2164	242555 05BLAINE 138 242643 05FRANK5 138 1	242555	05BLAINE	242643	05FRANK5	1	138	205	AEP	219	223	Base Case	0	20.3	-	9.29	0	0.04%	0.04%	-0.19%	
2165	239354 02HARMON 138 247700 05YAGER 138 1	239354	02HARMON	247700	05YAGER	1	138	202/205	ATSI/AEP	200	241	Base Case	0	-18.6	-	9.28	0	-0.05%	-0.05%	0.04%	
2166	243457 05HAYDEN 345 244022 05COLE 345 1	243457	05HAYDEN	244022	05COLE	1	345	205	AEP	1409	1409	Base Case	0	-130.5	-	9.26	0	-0.48%	-0.48%	-0.02%	
2167	250091 08RCHLE3 138 250146 08WHITTR 138 1	250091	08RCHLE3	250146	08WHITTR	1	138	212	DEO&K	289	289	Base Case	0	-26.7	-	9.25	0	0.00%	0.00%	-0.03%	
2168	238837 02JGSQ14 138 240247 02CK TP15 138 1	238837	02JGSQ14	240247	02CK TP15	1	138	202	ATSI	223	286	Base Case	0	20.5	-	9.21	0	-0.01%	-0.01%	0.01%	
2169	243491 05CORRID 138 243513 05GENOA 138 1	243491	05CORRID	243513	05GENOA	1	138	205	AEP	338	407	Base Case	0	31.1	-	9.21	0	0.03%	0.03%	0.00%	
2170	242805 05HATCHR 138 246898 05HALLSR 138 1	242805	05HATCHR	246898	05HALLSR	1	138	205	AEP	334	334	Base Case	0	-30.7	-	9.2	0	-0.20%	-0.20%	-0.37%	
2171	242574 05CABIN CRK1 138 246409 05CABIN C T8 138 ZK	242574	05CABIN CRK1	246409	05CABIN C T8	ZK	138	205	AEP	369	369	Base Case	0	33.9	-	9.19	0	0.01%	0.01%	0.00%	
2172	243141 05WARNER 138 246126 05SUNNYSIDE2 138 1	243141	05WARNER	246126	05SUNNYSIDE2	1	138	205	AEP	224	287	Base Case	0	-20.6	-	9.18	0	0.27%	0.27%	-0.04%	
2173	241111 02ASHLAND 138 243024 05HOWARD 138 1	241111	02ASHLAND	243024	05HOWARD	1	138	202/205	ATSI/AEP	167	245	Base Case	0	-15.3	-	9.18	0	-0.29%	-0.29%	-0.02%	
2174	243453 05BEATTY 345 253248 09SCHARL 345 1	243453	05BEATTY	253248	09SCHARL	1	345	205/209	AEP/DAY	1096	1203	Base Case	0	-100.4	-	9.16	0	-1.23%	-1.23%	-0.36%	
2175	243485 05CLINTO 138 243486 05CLINTX 138 SR	243485	05CLINTO	243486	05CLINTX	SR	138	205	AEP	149	162	Base Case	0	13.6	-	9.14	0	0.03%	0.03%	0.01%	
2176	245799 05WILLIAM PT 138 247128 05ASTNSS 138 Z1	245799	05WILLIAM PT	247128	05ASTNSS	Z1	138	205	AEP	219	255	Base Case	0	-20	-	9.13	0	0.00%	0.00%	0.00%	
2177	245799 05WILLIAM PT 138 247128 05ASTNSS 138 Z2	245799	05WILLIAM PT	247128	05ASTNSS	Z2	138	205	AEP	219	255	Base Case	0	-20	-	9.13	0	0.00%	0.00%	0.00%	
2178	245799 05WILLIAM PT 138 247128 05ASTNSS 138 Z3	245799	05WILLIAM PT	247128	05ASTNSS	Z3	138	205	AEP	219	255	Base Case	0	-20	-	9.13	0	0.00%	0.00%	0.00%	
2179	242597 05CHNC 138 242598 05CHNC Z 138 1	242597	05CHNC	242598	05CHNC Z	1	138	205	AEP	136	167	Base Case	0	-12.4	-	9.13	0	-0.01%	-0.01%	-0.02%	
2180	238836 02JGSQ13 138 240245 02CK Q13 138 1	238836	02JGSQ13	240245	02CK Q13	1	138	202	ATSI	103	132	Base Case	0	9.4	-	9.11	0	0.00%	0.00%	0.00%	
2181	240258 02FUQ-13 138 240261 02GMCQ13 138 1	240258	02FUQ-13	240261	02GMCQ13	1	138	202	ATSI	355	434	Base Case	0	32.3	-	9.1	0	0.10%	0.10%	0.01%	
2182	243237 05ADAM 138 243334 05MAGLEY 138 1	243237	05ADAM	243334	05MAGLEY	1	138	205	AEP	257	359	Base Case	0	-23.4	-	9.09	0	0.00%	0.00%	-0.06%	
2183	242989 05E LIMA 138 243017 05HAVILAND1 138 1	242989	05E LIMA	243017	05HAVILAND1	1	138	205	AEP	205	284	Base Case	0	-18.6	-	9.05	0	-0.17%	-0.17%	-0.06%	
2184	243476 05BOLINSMLSS 138 247791 05ELK 138 1	243476	05BOLINSMLSS	247791	05ELK	1	138	205	AEP	323	355	Base Case	0	-29.2	-	9.03	0	-0.06%	-0.06%	0.07%	
2185	243238 05AIRCO 138 247489 05BOSSERMAN 138 1	243238	05AIRCO	247489	05BOSSERMAN	1	138	205	AEP	251	335	Base Case	0	-22.7	-	9.03	0	0.00%	0.00%	0.00%	
2186	243247 05AUBURN 138 243267 05COUNTY 138 1	243247	05AUBURN	243267	05COUNTY	1	138	205	AEP	323	392	Base Case	0	-29.1	-	9.02	0	0.02%	0.02%	0.02%	
2187	242662 05HALES2 138 242804 05SOURWO 138 1	242662	05HALES2	242804	05SOURWO	1	138	205	AEP	223	223	Base Case	0	-20.1	-	9	0	0.07%	0.07%	-0.12%	
2188	247799 05S.OLIVE SS 138 247800 05MACKSBURG 138 1	247799	05S.OLIVE SS	247800	05MACKSBURG	1	138	205	AEP	296	400	Base Case	0	-26.6	-	8.99	0	0.19%	0.19%	0.14%	
2189	238828 02IVYQ11 138 240350 02IV-NB+17 138 1	238828	02IVYQ11	240350	02IV-NB+17	1	138	202	ATSI	273	332	Base Case	0	-24.5	-	8.98	0	-0.06%	-0.06%	0.02%	
2190	239011 02NP Q-1 138 241921 02ELQ1 138 1	239011	02NP Q-1	241921	02ELQ1	1	138	202	ATSI	265	316	Base Case	0	-23.8	-	8.97	0	0.02%	0.02%	-0.01%	
2191	243065 05NSTRAS 138 243092 05SCANTO 138 1	243065	05NSTRAS	243092	05SCANTO	1	138	205	AEP	296	296	Base Case	0	-26.5	-	8.96	0	0.48%	0.48%	-0.10%	
2192	235104 01CABOT 500 239280 02CRNBRY 500 1	235104	01CABOT	239280	02CRNBRY	1	500	201/202	AP/ATSI	3300	3897	Base Case	0	294.9	-	8.94	0	10.53%	10.53%	-1.43%	
2193	243668 05WOOTON 161 324148 5HYDEN 161 1	243668	05WOOTON	324148	5HYDEN	1	161	205/363	AEP/LGEE	300	405	Base Case	0	-26.8	-	8.94	0	-0.10%	-0.10%	-0.09%	
2194	243246 05AUBUNC 138 243295 05GARRETT N 138 1	243246	05AUBUNC	243295	05GARRETT N	1	138	205	AEP	251	335	Base Case	0	22.4	-	8.93	0	0.05%	0.05%	0.03%	
2195	243065 05NSTRAS 138 243114 05STRASB 138 1	243065	05NSTRAS	243114	05STRASB	1	138	205	AEP	287	299	Base Case	0	25.6	-	8.91	0	0.48%	0.48%	-0.10%	
2196	250013 08DIMICK 138 250111 08TP5483 138 1	250013	08DIMICK	250111	08TP5483	1	138	212	DEO&K	198	198	Base Case	0	17.6	-	8.88	0	-0.05%	-0.05%	-0.03%	
2197	238860 02KIQ-14 138 238933 02LYDQ14 138 1	238860	02KIQ-14	238933	02LYDQ14	1	138	202	ATSI	273	332	Base Case	0	-24.2	-	8.88	0	0.13%	0.13%	-0.05%	
2198	242657 05GRAVES 138 247887 05MCCONVILLE 138 1	242657	05GRAVES	247887	05MCCONVILLE	1	138	205	AEP	167	245	Base Case	0	-14.8	-	8.86	0	-0.02%	-0.02%	0.10%	
2199	243366 05ROB PK12 138 245476 05ROB PK34 138 ZJ	243366	05ROB PK12	245476	05ROB PK34	ZJ	138	205	AEP	946	996	Base Case	0	-83.7	-	8.85	0	-0.04%	-0.04%	-0.07%	
2200	243366 05ROB PK12 138 245476 05ROB PK34 138 ZN	243366	05ROB PK12	245476	05ROB PK34	ZN	138	205	AEP	946	996	Base Case	0	-83.7	-	8.85	0	-0.04%	-0.04%	-0.07%	
2201	241936 AA1-123_POI 345 241942 AA1-123_MAIN 345 1	241936	AA1-123_POI	241942	AA1-123_MAIN	1	345	202	ATSI	9999	9999	Base Case	0	-880.8	-	8.81	0	-0.55%	-0.55%	-0.55%	
2202	242562 05BORLND 138 242599 05CINDER 138 1	242562	05BORLND	242599	05CINDER	1	138	205	AEP	261	330	Base Case	0	23	-	8.81	0	-0.04%	-0.04%	-0.08%	
2203	238813 02HOYTDL 138 239281 02CRNBRY 138 1	238813	02HOYTDL	239281	02CRNBRY	1	138	202	ATSI	278	339	Base Case	0	-24.5	-	8.8	0	0.79%	0.79%	0.07%	
2204	242813 05SRIDGE 138 242836 05TURNE1 138 1	242813	05SRIDGE	242836	05TURNE1	1	138	205	AEP	729	729	Base Case	0	-63.9	-	8.77	0	-0.07%	-0.07%	-0.09%	
2205	243106 05SOMERTON 138 243119 05SOMERTON Z 138 1	243106	05SOMERTON	243119	05SOMERTON Z	1	138	205	AEP	205	284	Base Case	0	-18	-	8.76	0	-0.06%	-0.06%	0.02%	
2206	243120 05SUNNYSIDE1 138 246126 05SUNNYSIDE2 138 Z1	243120	05SUNNYSIDE1	246126	05SUNNYSIDE2	Z1	138	205	AEP	335	392	Base Case	0	29.2	-	8.72	0	0.22%	0.22%	-0.07%	
2207	250062 08METRSR 138 250088 08QUNGT2 138 1	250062	08METRSR	250088	08QUNGT2	1	138	212	DEO&K	268	268	Base Case	0	23.4	-	8.72	0	-0.01%	-0.01%	-0.02%	
2208	243217 05DEQUIN 345 246754 05FOWLER 345 1	243217	05DEQUIN	246754	05FOWLER	1	345	205	AEP	973	1100	Base Case	0	-84.4	-	8.67	0	-0.05%	-0.05%	-0.05%	
2209	243030 05LIMAOR 138 243108 05STRLN1 138 1	243030	05LIMAOR	243108	05STRLN1	1	138	205	AEP	329	361	Base Case	0	28.5	-	8.65	0	0.09%	0.09%	0.12%	
2210	242782 05RUTH 138 247022 05HERNSH 138 1	242782	05RUTH	247022	05HERNSH	1	138	205	AEP	729	729	Base Case	0	63	-	8.64	0	-0.09%	-0.09%	-0.17%	
2211	246763 05PIPECK 138 246988 05STRWTN 138 1	246763	05PIPECK	246988	05STRWTN	1	138	205	AEP	257	360	Base Case	0	22.2	-	8.64	0	-0.03%	-0.03%	-0.05%	
2212	247022 05HERNSH 138 247792 05FIELDS CRK 138 1	247022	05HERNSH	247792	05FIELDS CRK	1	138	205	AEP	729	729	Base Case	0	62.9	-	8.62	0	-0.09%	-0.09%	-0.17%	
2213	245407 05TANNER CK2 138 245946 05MADISON2 138 1	245407	05TANNER CK2	245946	05MADISON2	1	138	205	AEP	187	223	Base Case	0	16.1	-	8.62	0	0.03%	0.03%	0.02%	
2214	243320 05KANKAKEE2 138 244119 05GRAVEL PIT 138 1	243320	05KANKAKEE2	244119	05GRAVEL PIT	1	138	205	AEP	187	240	Base Case	0	-16.1	-	8.62	0	-0.08%	-0.08%	-0.05%	
2215	250039 08HALL1 138 250040 08HALL2 138 Z1	250039	08HALL1	250040	08HALL2	Z1	138	212	DEO&K	406	454	Base Case	0	35	-	8.61	0	0.02%	0.02%	-0.02%	
2216	247375 05BLUERACER8 138 247715 05BLUE RACER 138 Z1	247375	05BLUERACER8	247715	05BLUE RACER	Z1	138	205	AEP	555	555	Base Case	0	-47.8	-	8.61	0	0.00%	0.00%	0.00%	
2217	239014 02NSQ-16 138 239331 02NASHRING 138 1	239014	02NSQ-16	239331	02NASHRING	1	138	202	ATSI	278	339	Base Case	0	-23.9	-	8.59	0	0.09%	0.09%	-0.03%	
2218	238768 02GRNFLD 138 238974 02N DEPT 138 1	238768	02GRNFLD	238974	02N DEPT	1	138	202	ATSI	200	242	Base Case	0	17.2	-	8.59	0	-0.24%	-0.24%	-0.04%	
2219	238517 02LYONS 138 238712 02FAYET 138 1	238517	02LYONS	238712	02FAYET	1	138	202	ATSI	224	266	Base Case	0	19.2	-	8.59	0	0.05%	0.05%	0.00%	
2220	253077 09STUART 345 253352 AB1-169 MAIN 345 1	253077	09STUART	253352	AB1-169 MAIN	1	345	209	DAY	9999	9999	Base Case	0	-857.3	-	8.57	0	-0.55%	-0.55%	-0.55%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2221	239036 02PERRY 345 239358 02GLENWILLOW 345 1	239036	02PERRY	239358	02GLENWILLOW	1	345	202	ATSI	1542	1878	Base Case	0	131.7	-	8.54	0	0.90%	0.90%	-0.39%	
2222	242778 05RUM CK 138 242779 05RUMCKZ 138 1	242778	05RUM CK	242779	05RUMCKZ	1	138	205	AEP	205	251	Base Case	0	-17.5	-	8.54	0	0.00%	0.00%	0.00%	
2223	242657 05GRAVES 138 246229 05REUSENS2 138 1	242657	05GRAVES	246229	05REUSENS2	1	138	205	AEP	167	245	Base Case	0	-14.2	-	8.51	0	0.02%	0.02%	-0.10%	
2224	238656 02DBQ-11 138 238701 02ERQ-11 138 1	238656	02DBQ-11	238701	02ERQ-11	1	138	202	ATSI	273	332	Base Case	0	-23.2	-	8.51	0	0.00%	0.00%	0.00%	
2225	242625 05DINGES 138 246923 05NEWSOM 138 1	242625	05DINGES	246923	05NEWSOM	1	138	205	AEP	251	335	Base Case	0	-21.3	-	8.5	0	-0.07%	-0.07%	-0.12%	
2226	235340 01GRASSY 138 247822 05QUINWOOD 138 1	235340	01GRASSY	247822	05QUINWOOD	1	138	201/205	AP/AEP	282	332	Base Case	0	-24	-	8.5	0	-0.27%	-0.27%	0.15%	
2227	243211 05ALLEN 345 243231 05ROB PK 345 2	243211	05ALLEN	243231	05ROB PK	2	345	205	AEP	971	971	Base Case	0	-82.5	-	8.5	0	-0.41%	-0.41%	-0.19%	
2228	238525 02AD Q-4 138 241929 02AVQ3 138 1	238525	02AD Q-4	241929	02AVQ3	1	138	202	ATSI	273	332	Base Case	0	-23.2	-	8.49	0	-0.03%	-0.03%	-0.03%	
2229	243454 05BIXBY 345 243459 05KIRK 345 1	243454	05BIXBY	243459	05KIRK	1	345	205	AEP	1409	1409	Base Case	0	-119.3	-	8.46	0	1.32%	1.32%	0.01%	
2230	243476 05BOLINSMLSS 138 244283 05MINERAL SS 138 1	243476	05BOLINSMLSS	244283	05MINERAL SS	1	138	205	AEP	323	361	Base Case	0	27.3	-	8.45	0	-0.06%	-0.06%	0.07%	
2231	243211 05ALLEN 345 243231 05ROB PK 345 1	243211	05ALLEN	243231	05ROB PK	1	345	205	AEP	971	971	Base Case	0	-82.1	-	8.45	0	-0.41%	-0.41%	-0.18%	
2232	238590 02BRWELL 138 238974 02N DEPT 138 1	238590	02BRWELL	238974	02N DEPT	1	138	202	ATSI	189	230	Base Case	0	-16	-	8.45	0	-0.24%	-0.24%	-0.04%	
2233	242521 05NAGEL 500 360106 8SULLIVAN TN 500 1	242521	05NAGEL	360106	8SULLIVAN TN	1	500	205/347	AEP/TVA	2522	2522	Base Case	0	213.1	-	8.45	0	-0.51%	-0.51%	0.19%	
2234	243515 05GORSCH 138 243564 05RIVERV N. 138 1	243515	05GORSCH	243564	05RIVERV N.	1	138	205	AEP	248	282	Base Case	0	20.9	-	8.42	0	-0.07%	-0.07%	-0.08%	
2235	243515 05GORSCH 138 243521 05HARMRH 138 1	243515	05GORSCH	243521	05HARMRH	1	138	205	AEP	248	282	Base Case	0	-20.9	-	8.42	0	-0.07%	-0.07%	-0.08%	
2236	242608 05CLYTR1 138 242666 05HAZELH 138 1	242608	05CLYTR1	242666	05HAZELH	1	138	205	AEP	167	240	Base Case	0	14.1	-	8.42	0	0.07%	0.07%	0.29%	
2237	242537 05AMOS 138 246768 05LANHAM 138 1	242537	05AMOS	246768	05LANHAM	1	138	205	AEP	251	335	Base Case	0	21	-	8.39	0	0.00%	0.00%	0.00%	
2238	243568 05SCIOTO 138 247221 05DUPT_N 138 1	243568	05SCIOTO	247221	05DUPT_N	1	138	205	AEP	150	191	Base Case	0	12.6	-	8.38	0	0.00%	0.00%	0.00%	
2239	253021 09DARBY 138 253245 09EAGLE 138 1	253021	09DARBY	253245	09EAGLE	1	138	209	DAY	201	220	Base Case	0	16.8	-	8.38	0	0.10%	0.10%	0.03%	
2240	239112 02LRCRQ1 138 239213 02AUSTQ1 138 1	239112	02LRCRQ1	239213	02AUSTQ1	1	138	202	ATSI	148	151	Base Case	0	12.4	-	8.37	0	-0.18%	-0.18%	0.04%	
2241	239095 02SBRNQ1 138 239213 02AUSTQ1 138 1	239095	02SBRNQ1	239213	02AUSTQ1	1	138	202	ATSI	148	151	Base Case	0	-12.4	-	8.36	0	-0.18%	-0.18%	0.04%	
2242	243091 05S.CALDWELL 138 247799 05S.OLIVE SS 138 1	243091	05S.CALDWELL	247799	05S.OLIVE SS	1	138	205	AEP	296	413	Base Case	0	-24.7	-	8.35	0	0.19%	0.19%	0.14%	
2243	238823 02INQ-14 138 239324 02CH 138 1	238823	02INQ-14	239324	02CH	1	138	202	ATSI	273	332	Base Case	0	22.8	-	8.34	0	-0.15%	-0.15%	0.03%	
2244	238808 02HMLQ13 138 240261 02GMCQ13 138 1	238808	02HMLQ13	240261	02GMCQ13	1	138	202	ATSI	355	434	Base Case	0	-29.6	-	8.33	0	0.10%	0.10%	0.01%	
2245	243261 05COLBYTAPSS 138 247745 05COLBY 138 1	243261	05COLBYTAPSS	247745	05COLBY	1	138	205	AEP	195	220	Base Case	0	16.2	-	8.32	0	0.00%	0.00%	0.00%	
2246	242946 05TIDD 345 247130 05HOLLOW 345 1	242946	05TIDD	247130	05HOLLOW	1	345	205	AEP	971	971	Base Case	0	80.7	-	8.31	0	1.63%	1.63%	-0.52%	
2247	243522 05HARRISON 138 247067 05GOODHP 138 1	243522	05HARRISON	247067	05GOODHP	1	138	205	AEP	296	413	Base Case	0	-24.6	-	8.31	0	0.04%	0.04%	0.05%	
2248	239176 02WOOD+ 138 239177 02WOODVI 138 1	239176	02WOOD+	239177	02WOODVI	1	138	202	ATSI	278	342	Base Case	0	23	-	8.26	0	-0.12%	-0.12%	-0.06%	
2249	250029 08FOSTER 138 250059 08MAINVL 138 1	250029	08FOSTER	250059	08MAINVL	1	138	212	DEO&K	298	298	Base Case	0	24.6	-	8.24	0	-0.01%	-0.01%	-0.02%	
2250	238516 02JOHNMANDEF 138 238659 02DEFISW 138 1	238516	02JOHNMANDEF	238659	02DEFISW	1	138	202	ATSI	216	264	Base Case	0	17.8	-	8.22	0	0.00%	0.00%	0.00%	
2251	245023 05TEBERN 138 247715 05BLUE RACER 138 1	245023	05TEBERN	247715	05BLUE RACER	1	138	205	AEP	296	413	Base Case	0	-24.3	-	8.21	0	0.00%	0.00%	0.00%	
2252	238542 02ASH_1 138 239055 02Q15TAP 138 1	238542	02ASH_1	239055	02Q15TAP	1	138	202	ATSI	329	399	Base Case	0	27	-	8.2	0	0.00%	0.00%	0.00%	
2253	239290 02HAYES 138 240813 02GROTON 138 1	239290	02HAYES	240813	02GROTON	1	138	202	ATSI	278	339	Base Case	0	-22.7	-	8.17	0	-0.19%	-0.19%	-0.03%	
2254	238665 02DS Q-1 138 241237 02GROV TP 138 1	238665	02DS Q-1	241237	02GROV TP	1	138	202	ATSI	278	339	Base Case	0	22.7	-	8.16	0	-0.22%	-0.22%	-0.02%	
2255	244024 05SUMAC 138 247199 05AMLIN 138 Z1	244024	05SUMAC	247199	05AMLIN	Z1	138	205	AEP	747	747	Base Case	0	-60.9	-	8.15	0	0.00%	0.00%	0.00%	
2256	244024 05SUMAC 138 247199 05AMLIN 138 Z2	244024	05SUMAC	247199	05AMLIN	Z2	138	205	AEP	747	747	Base Case	0	-60.9	-	8.15	0	0.00%	0.00%	0.00%	
2257	238890 02LEMOYN 138 239176 02WOOD+ 138 1	238890	02LEMOYN	239176	02WOOD+	1	138	202	ATSI	282	347	Base Case	0	23	-	8.15	0	-0.12%	-0.12%	-0.06%	
2258	244198 05LEMASTER 138 244283 05MINERAL SS 138 1	244198	05LEMASTER	244283	05MINERAL SS	1	138	205	AEP	323	451	Base Case	0	-26.3	-	8.13	0	-0.06%	-0.06%	0.07%	
2259	247738 05BOONE 138 247792 05FIELDS CRK 138 1	247738	05BOONE	247792	05FIELDS CRK	1	138	205	AEP	296	413	Base Case	0	-24.1	-	8.13	0	0.01%	0.01%	0.00%	
2260	243684 05DEWEY 138 243702 05THELMA 138 1	243684	05DEWEY	243702	05THELMA	1	138	205	AEP	223	223	Base Case	0	-18.1	-	8.12	0	-0.03%	-0.03%	-0.18%	
2261	249984 08ASHLD8 138 250110 08CENTRL 138 1	249984	08ASHLD8	250110	08CENTRL	1	138	212	DEO&K	266	266	Base Case	0	-21.6	-	8.12	0	0.00%	0.00%	-0.01%	
2262	238798 02HKQ-21 138 239307 02HARPERQ-21 138 1	238798	02HKQ-21	239307	02HARPERQ-21	1	138	202	ATSI	148	151	Base Case	0	12	-	8.1	0	0.02%	0.02%	-0.08%	
2263	242950 05ACADEM 138 242955 05APPLE VLYZ 138 1	242950	05ACADEM	242955	05APPLE VLYZ	1	138	205	AEP	251	251	Base Case	0	20.3	-	8.1	0	-0.01%	-0.01%	0.10%	
2264	243118 05SUMMER 138 247715 05BLUE RACER 138 1	243118	05SUMMER	247715	05BLUE RACER	1	138	205	AEP	293	341	Base Case	0	23.7	-	8.1	0	-0.03%	-0.03%	0.01%	
2265	243336 05MANORZ 138 243351 05NORTHL 138 1	243336	05MANORZ	243351	05NORTHL	1	138	205	AEP	205	284	Base Case	0	16.6	-	8.1	0	-0.04%	-0.04%	-0.02%	
2266	242594 05CHERCK 138 242747 05PEMBRT 138 1	242594	05CHERCK	242747	05PEMBRT	1	138	205	AEP	251	335	Base Case	0	-20.3	-	8.09	0	-0.04%	-0.04%	-0.12%	
2267	246988 05STRWTN 138 246989 05WLD CS 138 1	246988	05STRWTN	246989	05WLD CS	1	138	205	AEP	257	360	Base Case	0	-20.7	-	8.07	0	-0.01%	-0.01%	-0.01%	
2268	243850 05CENT33 138 243851 05CENTRM 138 1	243850	05CENT33	243851	05CENTRM	1	138	205	AEP	205	205	Base Case	0	16.5	-	8.06	0	0.00%	0.00%	0.00%	
2269	238685 02EASTLK 138 241922 02ELQ2 138 1	238685	02EASTLK	241922	02ELQ2	1	138	202	ATSI	999	999	Base Case	0	80.2	-	8.02	0	0.07%	0.07%	-0.03%	
2270	242656 05GRASSH 138 242826 05TANKHL 138 1	242656	05GRASSH	242826	05TANKHL	1	138	205	AEP	219	255	Base Case	0	17.6	-	8.02	0	0.00%	0.00%	0.00%	
2271	242558 05BOLT 138 242559 05BOLT Z 138 1	242558	05BOLT	242559	05BOLT Z	1	138	205	AEP	219	251	Base Case	0	-17.5	-	8.01	0	-0.01%	-0.01%	-0.01%	
2272	243568 05SCIOTO 138 247019 05NEVILLE SS 138 1	243568	05SCIOTO	247019	05NEVILLE SS	1	138	205	AEP	427	601	Base Case	0	-34.2	-	8	0	-0.02%	-0.02%	0.09%	
2273	239936 02MCCLELLAND 345 241913 AA1-044 COL 345 1	239936	02MCCLELLAND	241913	AA1-044 COL	1	345	202	ATSI	9999	9999	Base Case	0	-799	-	7.99	0	-0.50%	-0.50%	-0.50%	
2274	242808 05SPORNS 138 243852 05CENT27 138 1	242808	05SPORNS	243852	05CENT27	1	138	205	AEP	257	257	Base Case	0	20.5	-	7.98	0	0.00%	0.00%	0.00%	
2275	242949 05WMILLP 345 247741 05HYATT SW2 345 1	242949	05WMILLP	247741	05HYATT SW2	1	345	205	AEP	971	1335	Base Case	0	77.5	-	7.98	0	0.35%	0.35%	0.19%	
2276	243672 05BECKHA 138 243704 05VICCO 138 1	243672	05BECKHA	243704	05VICCO	1	138	205	AEP	158	183	Base Case	0	12.6	-	7.97	0	0.09%	0.09%	0.05%	
2277	243316 05INDUST PK1 138 245511 05INDUST PK2 138 Z1	243316	05INDUST PK1	245511	05INDUST PK2	Z1	138	205	AEP	747	747	Base Case	0	59.5	-	7.96	0	0.00%	0.00%	0.08%	
2278	245456 05NEWBERY 138 246354 05E.LEIPSIC1 138 1	245456	05NEWBERY	246354	05E.LEIPSIC1	1	138	205	AEP	287	337	Base Case	0	-22.6	-	7.88	0	-0.06%	-0.06%	-0.10%	
2279	238997 02NEQ-16 138 241922 02ELQ2 138 1	238997	02NEQ-16	241922	02ELQ2	1	138	202	ATSI	278	339	Base Case	0	-21.9	-	7.88	0	-0.09%	-0.09%	0.03%	
2280	242582 05CARWLZ 138 247008 05CLARKB 138 1	242582	05CARWLZ	247008	05CLARKB	1	138	205	AEP	334	334	Base Case	0	26.3	-	7.88	0	0.00%	0.00%	-0.30%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2281	243525 05HUNTLEY1 138 246370 05HUNTLEY2 138 Z1	243525	05HUNTLEY1	246370	05HUNTLEY2	Z1	138	205	AEP	586	683	Base Case	0	46.1	-	7.87	0	-0.01%	-0.01%	-0.02%	
2282	243111 05STMARY 138 243152 05WMOULT 138 Z1	243111	05STMARY	243152	05WMOULT	Z1	138	205	AEP	223	223	Base Case	0	-17.5	-	7.86	0	0.00%	0.00%	0.00%	
2283	243548 05MOUND 138 243876 05ST.CXX 138 1	243548	05MOUND	243876	05ST.CXX	1	138	205	AEP	131	173	Base Case	0	-10.3	-	7.83	0	0.05%	0.05%	-0.03%	
2284	242716 05MIDKIF 138 242817 05STONBR 138 1	242716	05MIDKIF	242817	05STONBR	1	138	205	AEP	296	378	Base Case	0	23.1	-	7.81	0	-0.05%	-0.05%	-0.14%	
2285	242579 05CARBMA 138 242836 05TURNE1 138 Z1	242579	05CARBMA	242836	05TURNE1	Z1	138	205	AEP	383	449	Base Case	0	-29.9	-	7.81	0	-0.01%	-0.01%	-0.01%	
2286	238837 02JGSQ14 138 238924 02LTEQ14 138 1	238837	02JGSQ14	238924	02LTEQ14	1	138	202	ATSI	425	522	Base Case	0	-33.2	-	7.8	0	-0.01%	-0.01%	0.01%	
2287	243251 05BIXLER 138 243252 05BIXLRT 138 1	243251	05BIXLER	243252	05BIXLRT	1	138	205	AEP	195	220	Base Case	0	-15.2	-	7.8	0	0.00%	0.00%	0.00%	
2288	242689 05KANAWHA1 138 242763 05RENSFD 138 1	242689	05KANAWHA1	242763	05RENSFD	1	138	205	AEP	180	227	Base Case	0	-14	-	7.8	0	-0.04%	-0.04%	-0.24%	
2289	243039 05MELMOR 138 243110 05STIFFI 138 1	243039	05MELMOR	243110	05STIFFI	1	138	205	AEP	167	167	Base Case	0	-13	-	7.76	0	-0.08%	-0.08%	-0.01%	
2290	238717 02-5POINT+ 138 240979 02DELAFOIL 138 1	238717	02-5POINT+	240979	02DELAFOIL	1	138	202	ATSI	288	353	Base Case	0	22.3	-	7.74	0	0.00%	0.00%	0.00%	
2291	243365 05RIVERSIDE1 138 245846 05RIVERSIDE2 138 Z1	243365	05RIVERSIDE1	245846	05RIVERSIDE2	Z1	138	205	AEP	187	202	Base Case	0	-14.5	-	7.73	0	0.03%	0.03%	0.02%	
2292	242991 05E SIDE 138 243051 05NDELPH 138 1	242991	05E SIDE	243051	05NDELPH	1	138	205	AEP	251	251	Base Case	0	-19.4	-	7.73	0	-0.15%	-0.15%	-0.07%	
2293	235117 01KAMMER 500 242925 05KAMMER 765 1	235117	01KAMMER	242925	05KAMMER	1	500/765	201/205	AP/AEP	2986	3792	Base Case	0	-230.4	-	7.71	0	-7.41%	-7.41%	-3.37%	
2294	238666 02DS Q-3 138 241935 02CLINTON 138 1	238666	02DS Q-3	241935	02CLINTON	1	138	202	ATSI	278	339	Base Case	0	21.4	-	7.7	0	-0.22%	-0.22%	-0.02%	
2295	243342 05MILAN 138 247168 05MICHN3 138 1	243342	05MILAN	247168	05MICHN3	1	138	205	AEP	104	104	Base Case	0	8	-	7.69	0	0.00%	0.00%	0.00%	
2296	238570 02BEAVER 138 238981 02NASA 138 1	238570	02BEAVER	238981	02NASA	1	138	202	ATSI	160	192	Base Case	0	-12.3	-	7.69	0	-0.22%	-0.22%	-0.04%	
2297	243523 05HCREAN 138 243547 05MORSE 138 1	243523	05HCREAN	243547	05MORSE	1	138	205	AEP	150	180	Base Case	0	11.5	-	7.69	0	0.05%	0.05%	0.01%	
2298	240979 02DELAFOIL 138 240980 02FIVEPOINT 138 1	240979	02DELAFOIL	240980	02FIVEPOINT	1	138	202	ATSI	288	353	Base Case	0	22.1	-	7.67	0	0.00%	0.00%	0.00%	
2299	242669 05HOLST1 138 242670 05HOLST2 138 ZB	242669	05HOLST1	242670	05HOLST2	ZB	138	205	AEP	285	337	Base Case	0	21.8	-	7.63	0	-0.01%	-0.01%	-0.06%	
2300	238996 02NEQ-15 138 241921 02ELQ1 138 1	238996	02NEQ-15	241921	02ELQ1	1	138	202	ATSI	273	332	Base Case	0	-20.8	-	7.61	0	-0.08%	-0.08%	0.02%	
2301	242543 05AUSTIN 138 913030 Y1-006 TAP 138 1	242543	05AUSTIN	913030	Y1-006 TAP	1	138	205	AEP	219	251	Base Case	0	16.6	-	7.57	0	-0.02%	-0.02%	-0.06%	
2302	243357 05PENDLETON1 138 243382 05TANNER CK1 138 1	243357	05PENDLETON1	243382	05TANNER CK1	1	138	205	AEP	213	223	Base Case	0	-16.1	-	7.56	0	0.03%	0.03%	0.02%	
2303	242683 05J.EARL 138 913030 Y1-006 TAP 138 1	242683	05J.EARL	913030	Y1-006 TAP	1	138	205	AEP	219	251	Base Case	0	-16.6	-	7.56	0	-0.02%	-0.02%	-0.06%	
2304	242596 05CHESTR 138 242813 05SRIDGE 138 1	242596	05CHESTR	242813	05SRIDGE	1	138	205	AEP	729	729	Base Case	0	-55	-	7.55	0	-0.07%	-0.07%	-0.09%	
2305	242642 05FRANKLIN 138 242831 05THORNT 138 1	242642	05FRANKLIN	242831	05THORNT	1	138	205	AEP	150	204	Base Case	0	-11.3	-	7.55	0	-0.04%	-0.04%	0.19%	
2306	242795 05SHARPL 138 247242 05CHAPSS 138 1	242795	05SHARPL	247242	05CHAPSS	1	138	205	AEP	296	378	Base Case	0	-22.3	-	7.54	0	0.00%	0.00%	0.00%	
2307	247704 05PANDA RDSS 138 247730 05PANDA RD 138 1	247704	05PANDA RDSS	247730	05PANDA RD	1	138	205	AEP	195	220	Base Case	0	14.7	-	7.54	0	0.00%	0.00%	0.00%	
2308	238727 02WLBCT+ 138 239194 02CALPH 138 1	238727	02WLBCT+	239194	02CALPH	1	138	202	ATSI	278	343	Base Case	0	20.9	-	7.53	0	0.03%	0.03%	-0.01%	
2309	242613 05COLLEEN SS 138 244423 05JAMES RIVR 138 1	242613	05COLLEEN SS	244423	05JAMES RIVR	1	138	205	AEP	167	167	Base Case	0	12.6	-	7.52	0	-0.30%	-0.30%	-0.65%	
2310	238889 02LEMOYN 345 242936 05FOSTOR 345 1	238889	02LEMOYN	242936	05FOSTOR	1	345	202/205	ATSI/AEP	1390	1390	Base Case	0	103.9	-	7.48	0	-0.06%	-0.06%	-0.76%	
2311	243497 05DELANO 138 246123 05DELANO T1 138 Z1	243497	05DELANO	246123	05DELANO T1	Z1	138	205	AEP	161	186	Base Case	0	12	-	7.48	0	0.00%	0.00%	0.00%	
2312	238729 02FORD B 138 238767 02GRFD T 138 1	238729	02FORD B	238767	02GRFD T	1	138	202	ATSI	160	192	Base Case	0	-11.9	-	7.45	0	0.00%	0.00%	0.00%	
2313	249571 08REDBK1 345 249575 08TERMNL 345 1	249571	08REDBK1	249575	08TERMNL	1	345	212	DEO&K	1509	1509	Base Case	0	-112.4	-	7.45	0	-0.07%	-0.07%	-0.18%	
2314	242821 05SUNDL2 138 247795 05LACEY BRCH 138 1	242821	05SUNDL2	247795	05LACEY BRCH	1	138	205	AEP	223	223	Base Case	0	-16.6	-	7.44	0	-0.03%	-0.03%	0.15%	
2315	242590 05CENTER 138 242591 05CENTRR 138 Z1	242590	05CENTER	242591	05CENTRR	Z1	138	205	AEP	223	310	Base Case	0	-16.6	-	7.43	0	0.00%	0.00%	0.00%	
2316	243471 05BETHEL 138 243535 05LINWRT 138 1	243471	05BETHEL	243535	05LINWRT	1	138	205	AEP	150	151	Base Case	0	11.1	-	7.43	0	-0.02%	-0.02%	-0.01%	
2317	238944 02MASURY 138 239120 02SSPRNG 138 1	238944	02MASURY	239120	02SSPRNG	1	138	202	ATSI	128	165	Base Case	0	9.5	-	7.43	0	0.20%	0.20%	-0.02%	
2318	238830 02IWQ-16 138 238842 02JNPRQ3 138 1	238830	02IWQ-16	238842	02JNPRQ3	1	138	202	ATSI	273	332	Base Case	0	-20.2	-	7.41	0	0.02%	0.02%	0.00%	
2319	243482 05CENTBG 138 243583 05TRENT 138 1	243482	05CENTBG	243583	05TRENT	1	138	205	AEP	285	338	Base Case	0	21	-	7.37	0	0.04%	0.04%	-0.01%	
2320	238578 02BORDMN 138 239166 02WCKLIF 138 1	238578	02BORDMN	239166	02WCKLIF	1	138	202	ATSI	225	295	Base Case	0	16.6	-	7.37	0	0.09%	0.09%	0.03%	
2321	238975 02N EAST 138 240240 02NEORSD 138 1	238975	02N EAST	240240	02NEORSD	1	138	202	ATSI	194	237	Base Case	0	14.3	-	7.35	0	-0.08%	-0.08%	0.02%	
2322	242849 05W.KINGSPT1 138 244195 05HOLSTN ARM 138 Z1	242849	05W.KINGSPT1	244195	05HOLSTN ARM	Z1	138	205	AEP	109	133	Base Case	0	8	-	7.34	0	0.00%	0.00%	0.00%	
2323	238500 02ALLEN-1 138 238531 02ALLNJ 138 ZB	238500	02ALLEN-1	238531	02ALLNJ	ZB	138	202	ATSI	563	563	Base Case	0	41.2	-	7.32	0	0.00%	0.00%	0.00%	
2324	238822 02INQ-11 138 238828 02IVYQ11 138 1	238822	02INQ-11	238828	02IVYQ11	1	138	202	ATSI	376	465	Base Case	0	27.5	-	7.3	0	0.06%	0.06%	-0.02%	
2325	238637 02CPP LS 138 238673 02E IND 138 1	238637	02CPP LS	238673	02E IND	1	138	202	ATSI	194	237	Base Case	0	-14.1	-	7.29	0	0.07%	0.07%	0.00%	
2326	242577 05CARB 8 138 242578 05CARB Z 138 1	242577	05CARB 8	242578	05CARB Z	1	138	205	AEP	164	180	Base Case	0	11.9	-	7.27	0	-0.01%	-0.01%	-0.01%	
2327	243136 05W LIMA 138 243157 05WOODLA 138 1	243136	05W LIMA	243157	05WOODLA	1	138	205	AEP	205	205	Base Case	0	-14.8	-	7.24	0	0.01%	0.01%	-0.06%	
2328	238590 02BRWELL 138 238728 02FORD 138 1	238590	02BRWELL	238728	02FORD	1	138	202	ATSI	189	230	Base Case	0	13.7	-	7.23	0	-0.24%	-0.24%	-0.04%	
2329	242690 05KEENMT 138 247149 05WHITWD 138 1	242690	05KEENMT	247149	05WHITWD	1	138	205	AEP	251	335	Base Case	0	-18.1	-	7.23	0	0.00%	0.00%	0.00%	
2330	238585 02BRIDGE 138 238825 02IVANHO 138 1	238585	02BRIDGE	238825	02IVANHO	1	138	202	ATSI	200	242	Base Case	0	14.4	-	7.22	0	-0.01%	-0.01%	0.00%	
2331	243042 05MILLBR PK1 138 243047 05N PORT 138 1	243042	05MILLBR PK1	243047	05N PORT	1	138	205	AEP	185	185	Base Case	0	13.3	-	7.2	0	-0.02%	-0.02%	0.06%	
2332	242601 05CLEARB 138 242774 05ROANO2 138 1	242601	05CLEARB	242774	05ROANO2	1	138	205	AEP	158	183	Base Case	0	11.4	-	7.18	0	-0.07%	-0.07%	-0.42%	
2333	243025 05JUNCTN 138 247497 05CLOUSE 138 1	243025	05JUNCTN	247497	05CLOUSE	1	138	205	AEP	167	167	Base Case	0	-12	-	7.18	0	0.07%	0.07%	-0.03%	
2334	242654 05GRASCK 138 242690 05KEENMT 138 Z1	242654	05GRASCK	242690	05KEENMT	Z1	138	205	AEP	251	335	Base Case	0	-18	-	7.17	0	0.00%	0.00%	0.00%	
2335	243015 05GREENL 138 243039 05MELMOR 138 1	243015	05GREENL	243039	05MELMOR	1	138	205	AEP	257	360	Base Case	0	18.4	-	7.16	0	-0.01%	-0.01%	-0.07%	
2336	250036 08GLNVW1 138 250037 08GLNVW2 138 Z1	250036	08GLNVW1	250037	08GLNVW2	Z1	138	212	DEO&K	516	573	Base Case	0	-36.8	-	7.13	0	-0.03%	-0.03%	0.01%	
2337	243557 05RENO Z 138 244637 05RENO 138 Z1	243557	05RENO Z	244637	05RENO	Z1	138	205	AEP	129	161	Base Case	0	9.2	-	7.11	0	0.00%	0.00%	0.00%	
2338	238530 02ALLEN 345 239018 02FULTON 345 1	238530	02ALLEN	239018	02FULTON	1	345	202	ATSI	1517	1863	Base Case	0	107.8	-	7.1	0	-0.36%	-0.36%	-0.08%	
2339	238523 02CHRYTE 138 239227 02-1STSL 138 1	238523	02CHRYTE	239227	02-1STSL	1	138	202	ATSI	288	346	Base Case	0	-20.3	-	7.04	0	-0.03%	-0.03%	0.01%	
2340	243314 05HUNTR8 138 243326 05LAOTTO 138 1	243314	05HUNTR8	243326	05LAOTTO	1	138	205	AEP	251	335	Base Case	0	17.7	-	7.04	0	0.07%	0.07%	0.06%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2341	243042 05MILLBR PK1 138 245949 05MLBRPK_ARG 138 Z1	243042	05MILLBR PK1	245949	05MLBRPK_ARG	Z1	138	205	AEP	240	296	Base Case	0	-16.9	-	7.03	0	-0.06%	-0.06%	-0.03%	
2342	249566 08FOSTER 345 249570 08P.UNON 345 1	249566	08FOSTER	249570	08P.UNON	1	345	212	DEO&K	1509	1509	Base Case	0	-105.9	-	7.02	0	-0.64%	-0.64%	-0.23%	
2343	238749 02GATES 138 238971 02MURRAY 138 1	238749	02GATES	238971	02MURRAY	1	138	202	ATSI	196	210	Base Case	0	-13.7	-	6.99	0	-0.05%	-0.05%	-0.02%	
2344	250099 08SIMPSN 138 250102 08SOCLVL 138 1	250099	08SIMPSN	250102	08SOCLVL	1	138	212	DEO&K	298	298	Base Case	0	20.8	-	6.99	0	0.05%	0.05%	0.03%	
2345	243245 05ANTHYZ 138 243379 05STATES 138 1	243245	05ANTHYZ	243379	05STATES	1	138	205	AEP	219	251	Base Case	0	15.2	-	6.95	0	0.07%	0.07%	0.05%	
2346	243493 05CRVERD 138 243915 05BERRYWOOD 138 1	243493	05CRVERD	243915	05BERRYWOOD	1	138	205	AEP	338	338	Base Case	0	23.5	-	6.94	0	-0.04%	-0.04%	0.01%	
2347	243139 05WAGENHALS2 138 244070 05JUNE ROAD 138 1	243139	05WAGENHALS2	244070	05JUNE ROAD	1	138	205	AEP	335	392	Base Case	0	-23.1	-	6.91	0	0.11%	0.11%	0.02%	
2348	240069 02LORDSTOWN 345 240074 02_Z2-028 345 1	240069	02LORDSTOWN	240074	02_Z2-028	1	345	202	ATSI	9999	9999	Base Case	0	-688.6	-	6.89	0	-0.43%	-0.43%	-0.43%	
2349	243472 05BEXLEY 138 243592 05YEARLG 138 1	243472	05BEXLEY	243592	05YEARLG	1	138	205	AEP	164	180	Base Case	0	-11.3	-	6.88	0	0.05%	0.05%	0.00%	
2350	242564 05BRADL1 138 247826 05MOLLYS CRK 138 1	242564	05BRADL1	247826	05MOLLYS CRK	1	138	205	AEP	136	167	Base Case	0	9.4	-	6.88	0	-0.15%	-0.15%	0.17%	
2351	242532 05NAGEL 230 304781 6CANERV230 T 230 1	242532	05NAGEL	304781	6CANERV230 T	1	230	205/341	AEP/CPLW	598	598	Base Case	0	41.1	-	6.87	0	-0.21%	-0.21%	-1.32%	
2352	242596 05CHESTR 138 245426 05BULLIT ST2 138 1	242596	05CHESTR	245426	05BULLIT ST2	1	138	205	AEP	296	413	Base Case	0	-20.3	-	6.86	0	-0.01%	-0.01%	-0.10%	
2353	238728 02FORD 138 239738 02OAKPOINT 138 1	238728	02FORD	239738	02OAKPOINT	1	138	202	ATSI	200	242	Base Case	0	13.7	-	6.83	0	-0.24%	-0.24%	-0.04%	
2354	243487 05CHK TAP Z 138 243528 05KARL ROAD 138 1	243487	05CHK TAP Z	243528	05KARL ROAD	1	138	205	AEP	338	338	Base Case	0	-23.1	-	6.83	0	0.07%	0.07%	0.02%	
2355	243210 05SULLIVAN 765 247712 05SULLIVAN 345 1	243210	05SULLIVAN	247712	05SULLIVAN	1	765/345	205	AEP	1737	1737	Base Case	0	118.5	-	6.82	0	0.23%	0.23%	0.02%	
2356	238783 02HARDIN 345 239334 02L.CENTER 345 1	238783	02HARDIN	239334	02L.CENTER	1	345	202	ATSI	1555	1793	Base Case	0	-105.8	-	6.8	0	0.82%	0.82%	-0.31%	
2357	250010 08D.CRK2 138 250105 08TDHNTR 138 1	250010	08D.CRK2	250105	08TDHNTR	1	138	212	DEO&K	299	299	Base Case	0	-20.3	-	6.8	0	0.04%	0.04%	0.04%	
2358	243070 05OHIOCT 138 243076 05CONESPREPZ 138 1	243070	05OHIOCT	243076	05CONESPREPZ	1	138	205	AEP	446	601	Base Case	0	30.1	-	6.75	0	0.18%	0.18%	-0.08%	
2359	243212 05BENTON 345 243215 05COOK 345 1	243212	05BENTON	243215	05COOK	1	345	205	AEP	1409	1868	Base Case	0	95.1	-	6.75	0	0.46%	0.46%	-0.02%	
2360	238812 02HOYTDL 345 238941 02MANSFD 345 1	238812	02HOYTDL	238941	02MANSFD	1	345	202	ATSI	1542	1878	Base Case	0	104	-	6.74	0	1.00%	1.00%	-0.24%	
2361	242932 05CANTNC 345 242944 05SECANT 345 1	242932	05CANTNC	242944	05SECANT	1	345	205	AEP	1409	1409	Base Case	0	95	-	6.74	0	0.47%	0.47%	-0.50%	
2362	238714 02FB Q-3 138 238741 02FWLSQ3 138 1	238714	02FB Q-3	238741	02FWLSQ3	1	138	202	ATSI	267	332	Base Case	0	-18	-	6.74	0	-0.18%	-0.18%	-0.01%	
2363	238799 02HKQ-22 138 239049 02PV Q1 138 1	238799	02HKQ-22	239049	02PV Q1	1	138	202	ATSI	153	199	Base Case	0	10.3	-	6.74	0	-0.03%	-0.03%	0.09%	
2364	238914 02LRCRQ3 138 239057 02LRCRQ4 138 ZB	238914	02LRCRQ3	239057	02LRCRQ4	ZB	138	202	ATSI	2500	2500	Base Case	0	-168.1	-	6.72	0	0.07%	0.07%	-0.03%	
2365	250022 08EVNDL1 138 250051 08KMPER2 138 1	250022	08EVNDL1	250051	08KMPER2	1	138	212	DEO&K	299	299	Base Case	0	-20.1	-	6.72	0	0.01%	0.01%	-0.02%	
2366	242614 05COLLINV SS 138 247169 05COLLINV 138 Z1	242614	05COLLINV SS	247169	05COLLINV	Z1	138	205	AEP	158	180	Base Case	0	10.6	-	6.71	0	0.00%	0.00%	0.00%	
2367	247150 05FARADAY 138 247153 05BERWIN 138 1	247150	05FARADAY	247153	05BERWIN	1	138	205	AEP	296	413	Base Case	0	19.7	-	6.67	0	-0.05%	-0.05%	0.04%	
2368	242946 05TIDD 345 242948 05WBELLA 345 1	242946	05TIDD	242948	05WBELLA	1	345	205	AEP	971	1318	Base Case	0	-64.7	-	6.66	0	-1.44%	-1.45%	0.96%	
2369	242955 05APPLE VLYZ 138 243061 05NLEXTN 138 1	242955	05APPLE VLYZ	243061	05NLEXTN	1	138	205	AEP	205	205	Base Case	0	13.6	-	6.62	0	-0.01%	-0.01%	0.10%	
2370	243152 05WMOULT 138 245994 05GEMINI 138 1	243152	05WMOULT	245994	05GEMINI	1	138	205	AEP	257	360	Base Case	0	-17	-	6.6	0	0.01%	0.01%	0.04%	
2371	242759 05POPLAR 138 247013 05CROOKC 138 1	242759	05POPLAR	247013	05CROOKC	1	138	205	AEP	296	361	Base Case	0	-19.5	-	6.59	0	0.06%	0.06%	0.02%	
2372	242708 05M FUNK 138 242852 05WSALEM 138 1	242708	05M FUNK	242852	05WSALEM	1	138	205	AEP	223	223	Base Case	0	-14.7	-	6.58	0	0.11%	0.11%	0.29%	
2373	239017 02NT Q16 138 241925 02ELQ5 138 1	239017	02NT Q16	241925	02ELQ5	1	138	202	ATSI	225	295	Base Case	0	-14.7	-	6.56	0	0.02%	0.02%	-0.01%	
2374	243002 05FAIRCR 138 243097 05SECANT 138 1	243002	05FAIRCR	243097	05SECANT	1	138	205	AEP	291	291	Base Case	0	-19.1	-	6.55	0	0.16%	0.16%	-0.05%	
2375	239988 02FE-POLO 138 247727 05POLO ROAD 138 1	239988	02FE-POLO	247727	05POLO ROAD	1	138	202/205	ATSI/AEP	219	255	Base Case	0	14.3	-	6.53	0	0.00%	0.00%	0.00%	
2376	238806 02HMLQ11 138 239032 02PDBQ11 138 1	238806	02HMLQ11	239032	02PDBQ11	1	138	202	ATSI	355	434	Base Case	0	-23.2	-	6.53	0	0.19%	0.19%	0.02%	
2377	243778 05TIMKEN B 138 246837 05TORREY_BP 138 1	243778	05TIMKEN B	246837	05TORREY_BP	1	138	205	AEP	285	302	Base Case	0	-18.6	-	6.53	0	-0.07%	-0.07%	0.02%	
2378	242790 05S.BUFFALO 138 246162 05S.BUF T1-4 138 Z4	242790	05S.BUFFALO	246162	05S.BUF T1-4	Z4	138	205	AEP	158	183	Base Case	0	10.3	-	6.51	0	0.00%	0.00%	0.00%	
2379	242790 05S.BUFFALO 138 246162 05S.BUF T1-4 138 Z3	242790	05S.BUFFALO	246162	05S.BUF T1-4	Z3	138	205	AEP	158	183	Base Case	0	10.3	-	6.51	0	0.00%	0.00%	0.00%	
2380	242790 05S.BUFFALO 138 246162 05S.BUF T1-4 138 Z1	242790	05S.BUFFALO	246162	05S.BUF T1-4	Z1	138	205	AEP	158	183	Base Case	0	10.3	-	6.51	0	0.00%	0.00%	0.00%	
2381	242790 05S.BUFFALO 138 246162 05S.BUF T1-4 138 Z2	242790	05S.BUFFALO	246162	05S.BUF T1-4	Z2	138	205	AEP	158	183	Base Case	0	10.3	-	6.51	0	0.00%	0.00%	0.00%	
2382	238632 02COLLIN 138 238638 02CPP NH 138 1	238632	02COLLIN	238638	02CPP NH	1	138	202	ATSI	194	237	Base Case	0	-12.6	-	6.51	0	0.08%	0.08%	-0.02%	
2383	238764 02GRANGR 138 239125 02STONEY 138 1	238764	02GRANGR	239125	02STONEY	1	138	202	ATSI	233	282	Base Case	0	-15.1	-	6.5	0	-0.13%	-0.13%	-0.01%	
2384	243024 05HOWARD 138 243101 05SHELNS 138 1	243024	05HOWARD	243101	05SHELNS	1	138	205	AEP	93	93	Base Case	0	6	-	6.49	0	0.00%	0.00%	0.00%	
2385	243474 05BLACKL 138 246765 05OUTERB 138 1	243474	05BLACKL	246765	05OUTERB	1	138	205	AEP	223	310	Base Case	0	14.5	-	6.49	0	0.02%	0.02%	0.00%	
2386	243776 05S.TIMK 138 246837 05TORREY_BP 138 1	243776	05S.TIMK	246837	05TORREY_BP	1	138	205	AEP	287	337	Base Case	0	18.6	-	6.48	0	-0.07%	-0.07%	0.02%	
2387	243275 05DELAWR1 138 243387 05VANBUR 138 1	243275	05DELAWR1	243387	05VANBUR	1	138	205	AEP	136	167	Base Case	0	8.8	-	6.46	0	0.00%	0.00%	0.05%	
2388	247894 05E.ELKHA BP 345 256509 18WEEDLK 345 1	247894	05E.ELKHA BP	256509	18WEEDLK	1	345	205/218	AEP/METC	1407	1407	Base Case	0	-90.9	-	6.46	0	0.22%	0.22%	-0.18%	
2389	242686 05JEHU BR SS 138 247557 05MABSCOTT 138 1	242686	05JEHU BR SS	247557	05MABSCOTT	1	138	205	AEP	158	183	Base Case	0	-10.2	-	6.45	0	-0.03%	-0.03%	0.07%	
2390	253074 09STATAP 138 253139 09ELDEAN 138 1	253074	09STATAP	253139	09ELDEAN	1	138	209	DAY	197	269	Base Case	0	12.7	-	6.45	0	-0.01%	-0.01%	0.02%	
2391	243234 05TWIN B 345 256000 18ARGNTA 345 1	243234	05TWIN B	256000	18ARGNTA	1	345	205/218	AEP/METC	1374	1409	Base Case	0	88.5	-	6.44	0	-0.45%	-0.45%	-0.01%	
2392	247894 05E.ELKHA BP 345 255105 17HIPLE 345 1	247894	05E.ELKHA BP	255105	17HIPLE	1	345	205/217	AEP/NIPS	1409	1409	Base Case	0	90.7	-	6.44	0	0.22%	0.22%	-0.18%	
2393	242808 05SPORNS 138 243850 05CENT33 138 3	242808	05SPORNS	243850	05CENT33	3	138	205	AEP	257	257	Base Case	0	16.5	-	6.44	0	0.00%	0.00%	0.00%	
2394	242703 05LEON A 138 242808 05SPORNS 138 1	242703	05LEON A	242808	05SPORNS	1	138	205	AEP	296	296	Base Case	0	-18.9	-	6.4	0	-0.03%	-0.03%	-0.19%	
2395	242650 05GLENL1 138 242694 05KIMBAL 138 1	242650	05GLENL1	242694	05KIMBAL	1	138	205	AEP	205	205	Base Case	0	13.1	-	6.4	0	-0.12%	-0.12%	-0.27%	
2396	238857 02KHTPQ1 138 238862 02KL Q-1 138 1	238857	02KHTPQ1	238862	02KL Q-1	1	138	202	ATSI	273	332	Base Case	0	17.5	-	6.39	0	0.00%	0.00%	0.00%	
2397	243248 05BARODA 138 246996 05PLETCH 138 1	243248	05BARODA	246996	05PLETCH	1	138	205	AEP	205	205	Base Case	0	13.1	-	6.38	0	0.06%	0.06%	0.02%	
2398	247370 05MUSKNG1A 138 247371 05MUSKNG1B 138 Z1	247370	05MUSKNG1A	247371	05MUSKNG1B	Z1	138	205	AEP	766	898	Base Case	0	48.7	-	6.36	0	-0.02%	-0.02%	0.11%	
2399	243241 05ALBION 138 255164 17NORTHPORT 138 1	243241	05ALBION	255164	17NORTHPORT	1	138	205/217	AEP/NIPS	148	181	Base Case	0	-9.4	-	6.34	0	-0.04%	-0.04%	-0.04%	
2400	243265 05COREY 138 243346 05MOTTV 138 1	243265	05COREY	243346	05MOTTV	1	138	205	AEP	185	185	Base Case	0	-11.7	-	6.33	0	0.02%	0.02%	0.03%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2401	242750 05PHILPOTT Z 138 247723 05PHILPOTT 138 1	242750	05PHILPOTT Z	247723	05PHILPOTT	1	138	205	AEP	101	145	Base Case	0	-6.4	-	6.33	0	0.00%	0.00%	0.00%	
2402	242811 05SPRING 138 247819 05S.ABINGDN1 138 1	242811	05SPRING	247819	05S.ABINGDN1	1	138	205	AEP	167	240	Base Case	0	-10.5	-	6.32	0	0.00%	0.00%	-0.14%	
2403	242733 05NEWHOP 138 242786 05S.PRINCETN 138 1	242733	05NEWHOP	242786	05S.PRINCETN	1	138	205	AEP	334	334	Base Case	0	21.1	-	6.3	0	-0.11%	-0.11%	-0.29%	
2404	250022 08EVNDL1 138 250023 08EVNDL2 138 Z1	250022	08EVNDL1	250023	08EVNDL2	Z1	138	212	DEO&K	498	498	Base Case	0	-31.3	-	6.29	0	-0.01%	-0.01%	0.02%	
2405	242988 05DOGWOO 138 243042 05MILLBR PK1 138 1	242988	05DOGWOO	243042	05MILLBR PK1	1	138	205	AEP	136	167	Base Case	0	8.5	-	6.28	0	0.05%	0.05%	0.13%	
2406	238632 02COLLIN 138 240240 02NEORSD 138 1	238632	02COLLIN	240240	02NEORSD	1	138	202	ATSI	194	237	Base Case	0	-12.2	-	6.27	0	-0.08%	-0.08%	0.02%	
2407	242651 05GLENL2 138 242805 05HATCHR 138 1	242651	05GLENL2	242805	05HATCHR	1	138	205	AEP	334	334	Base Case	0	-20.9	-	6.27	0	-0.20%	-0.20%	-0.37%	
2408	243509 05FISHRD 138 243587 05WILSNZ 138 1	243509	05FISHRD	243587	05WILSNZ	1	138	205	AEP	223	310	Base Case	0	-14	-	6.26	0	-0.04%	-0.04%	0.00%	
2409	243114 05STRASB 138 243135 05W DOVE 138 1	243114	05STRASB	243135	05W DOVE	1	138	205	AEP	287	335	Base Case	0	18	-	6.26	0	0.48%	0.48%	-0.10%	
2410	243262 05COLLEGE C 138 243364 05RICHMO 138 1	243262	05COLLEGE C	243364	05RICHMO	1	138	205	AEP	164	167	Base Case	0	-10.3	-	6.25	0	-0.06%	-0.06%	-0.05%	
2411	243241 05ALBION 138 243288 05EGE 138 1	243241	05ALBION	243288	05EGE	1	138	205	AEP	187	202	Base Case	0	-11.7	-	6.24	0	0.07%	0.07%	0.06%	
2412	243147 05WILDCRK SS 138 244566 05LA RUE 138 1	243147	05WILDCRK SS	244566	05LA RUE	1	138	205	AEP	185	185	Base Case	0	11.5	-	6.23	0	-0.10%	-0.10%	-0.04%	
2413	242759 05POPLAR 138 244192 05BALLS GAP 138 1	242759	05POPLAR	244192	05BALLS GAP	1	138	205	AEP	167	167	Base Case	0	10.4	-	6.23	0	0.06%	0.06%	0.02%	
2414	242565 05BRADL2 138 242618 05DAMERN 138 1	242565	05BRADL2	242618	05DAMERN	1	138	205	AEP	195	220	Base Case	0	12.1	-	6.22	0	0.01%	0.01%	0.01%	
2415	242800 05SISSON 138 246768 05LANHAM 138 1	242800	05SISSON	246768	05LANHAM	1	138	205	AEP	251	330	Base Case	0	-15.6	-	6.21	0	0.00%	0.00%	0.00%	
2416	243016 05HANTHR 138 243768 05GOE 138 1	243016	05HANTHR	243768	05GOE	1	138	205	AEP	205	205	Base Case	0	12.7	-	6.19	0	0.00%	0.00%	0.00%	
2417	239193 02CONAGR 138 239194 02CALPH 138 1	239193	02CONAGR	239194	02CALPH	1	138	202	ATSI	278	343	Base Case	0	-17.2	-	6.19	0	0.03%	0.03%	-0.01%	
2418	239192 02WALGRN 138 239193 02CONAGR 138 1	239192	02WALGRN	239193	02CONAGR	1	138	202	ATSI	278	343	Base Case	0	-17.2	-	6.19	0	0.03%	0.03%	-0.01%	
2419	242963 05HEDDSS 138 243153 05WMTVER 138 1	242963	05HEDDSS	243153	05WMTVER	1	138	205	AEP	220	255	Base Case	0	-13.6	-	6.18	0	0.10%	0.10%	0.06%	
2420	247151 05YUKON 138 247153 05BERWIN 138 1	247151	05YUKON	247153	05BERWIN	1	138	205	AEP	296	413	Base Case	0	-18.3	-	6.17	0	-0.05%	-0.05%	0.04%	
2421	243568 05SCIOTO 138 243569 05SCIPPO 138 1	243568	05SCIOTO	243569	05SCIPPO	1	138	205	AEP	246	246	Base Case	0	15.2	-	6.17	0	-0.02%	-0.02%	0.09%	
2422	243209 05ROCKPT 765 243210 05SULLIVAN 765 1	243209	05ROCKPT	243210	05SULLIVAN	1	765	205	AEP	3859	3859	Base Case	0	237.2	-	6.15	0	0.46%	0.46%	0.03%	
2423	243076 05CONESPREPZ 138 243488 05CONESVILLE 138 1	243076	05CONESPREPZ	243488	05CONESVILLE	1	138	205	AEP	446	601	Base Case	0	27.4	-	6.13	0	0.18%	0.18%	-0.08%	
2424	238813 02HOYTDL 138 238942 02MAPLE 138 1	238813	02HOYTDL	238942	02MAPLE	1	138	202	ATSI	278	339	Base Case	0	17	-	6.11	0	-1.06%	-1.06%	-0.05%	
2425	243265 05COREY 138 243299 05HYDRAMATIC 138 1	243265	05COREY	243299	05HYDRAMATIC	1	138	205	AEP	251	251	Base Case	0	15.3	-	6.08	0	0.01%	0.01%	0.01%	
2426	242611 05COALFK 138 242828 05TENMIL 138 1	242611	05COALFK	242828	05TENMIL	1	138	205	AEP	219	223	Base Case	0	13.3	-	6.08	0	0.03%	0.03%	-0.15%	
2427	243270 05CROSSS 138 247420 05CROSS ST Z 138 1	243270	05CROSSS	247420	05CROSS ST Z	1	138	205	AEP	164	180	Base Case	0	-10	-	6.07	0	0.00%	0.00%	0.00%	
2428	243502 05E.BROAD 138 246765 05OUTERB 138 1	243502	05E.BROAD	246765	05OUTERB	1	138	205	AEP	240	309	Base Case	0	-14.5	-	6.03	0	0.02%	0.02%	0.00%	
2429	246220 05SWITCHB_BP 138 247029 05HORSPN 138 1	246220	05SWITCHB_BP	247029	05HORSPN	1	138	205	AEP	295	295	Base Case	0	17.8	-	6.03	0	0.00%	0.00%	-0.30%	
2430	246220 05SWITCHB_BP 138 247008 05CLARKB 138 1	246220	05SWITCHB_BP	247008	05CLARKB	1	138	205	AEP	295	295	Base Case	0	-17.8	-	6.03	0	0.00%	0.00%	-0.30%	
2431	238544 02ASH_3 138 238692 02ASH_EAST 138 1	238544	02ASH_3	238692	02ASH_EAST	1	138	202	ATSI	273	338	Base Case	0	16.5	-	6.03	0	0.00%	0.00%	0.00%	
2432	242692 05KEYWOD 138 242693 05KEYWSS 138 1	242692	05KEYWOD	242693	05KEYWSS	1	138	205	AEP	158	180	Base Case	0	-9.5	-	6	0	0.00%	0.00%	0.00%	
2433	243119 05SOMERTON Z 138 247757 05HERLAN SW 138 1	243119	05SOMERTON Z	247757	05HERLAN SW	1	138	205	AEP	205	284	Base Case	0	12.3	-	6	0	0.18%	0.18%	-0.05%	
2434	238732 02FOXQ11 138 239032 02PDBQ11 138 1	238732	02FOXQ11	239032	02PDBQ11	1	138	202	ATSI	425	522	Base Case	0	25.5	-	5.99	0	0.19%	0.19%	0.02%	
2435	239078 02RYAN 138 239158 02W.MED 138 1	239078	02RYAN	239158	02W.MED	1	138	202	ATSI	233	282	Base Case	0	-13.9	-	5.98	0	-0.05%	-0.05%	-0.04%	
2436	243339 05MEADOW 138 243357 05PENDLETON1 138 1	243339	05MEADOW	243357	05PENDLETON1	1	138	205	AEP	185	185	Base Case	0	-11.1	-	5.98	0	-0.01%	-0.01%	-0.01%	
2437	242608 05CLYTR1 138 242610 05CLYTR3 138 Z1	242608	05CLYTR1	242610	05CLYTR3	Z1	138	205	AEP	329	361	Base Case	0	19.6	-	5.97	0	0.04%	0.04%	-0.20%	
2438	253044 09MECHAN 138 253245 09EAGLE 138 1	253044	09MECHAN	253245	09EAGLE	1	138	209	DAY	221	272	Base Case	0	-13.2	-	5.95	0	0.10%	0.10%	0.03%	
2439	242937 05KAMMER 345 247832 05LAMPING 345 1	242937	05KAMMER	247832	05LAMPING	1	345	205	AEP	971	971	Base Case	0	57.7	-	5.94	0	1.51%	1.51%	-0.21%	
2440	238913 02LRCRQ2 138 239112 02LRCRQ1 138 ZB	238913	02LRCRQ2	239112	02LRCRQ1	ZB	138	202	ATSI	2500	2500	Base Case	0	-148.4	-	5.94	0	0.06%	0.06%	-0.03%	
2441	238712 02FAYET 138 239351 02EASTFAYT 138 1	238712	02FAYET	239351	02EASTFAYT	1	138	202	ATSI	221	262	Base Case	0	13.1	-	5.93	0	0.05%	0.05%	0.00%	
2442	238525 02AD Q-4 138 238916 02LRN Q4 138 1	238525	02AD Q-4	238916	02LRN Q4	1	138	202	ATSI	176	229	Base Case	0	10.4	-	5.93	0	-0.03%	-0.03%	-0.03%	
2443	250102 08SOCLVL 138 250111 08TP5483 138 1	250102	08SOCLVL	250111	08TP5483	1	138	212	DEO&K	298	298	Base Case	0	-17.6	-	5.9	0	-0.05%	-0.05%	-0.03%	
2444	247000 05YELLOW CK1 138 247001 05YELLOW CK2 138 Z1	247000	05YELLOW CK1	247001	05YELLOW CK2	Z1	138	205	AEP	747	747	Base Case	0	44.1	-	5.9	0	0.06%	0.06%	0.10%	
2445	243289 05ELCONA 138 243290 05ELCONZ 138 1	243289	05ELCONA	243290	05ELCONZ	1	138	205	AEP	251	335	Base Case	0	-14.8	-	5.9	0	0.00%	0.00%	0.00%	
2446	238652 02DARROW 138 238814 02HUDMUN 138 1	238652	02DARROW	238814	02HUDMUN	1	138	202	ATSI	190	225	Base Case	0	-11.2	-	5.9	0	-0.02%	-0.02%	-0.03%	
2447	243259 05CNTRVL 138 243344 05MODOC 138 1	243259	05CNTRVL	243344	05MODOC	1	138	205	AEP	185	185	Base Case	0	-10.9	-	5.87	0	-0.03%	-0.03%	-0.03%	
2448	238703 02ESPRNG 138 239278 02BRDVIE 138 1	238703	02ESPRNG	239278	02BRDVIE	1	138	202	ATSI	160	192	Base Case	0	-9.4	-	5.87	0	-0.04%	-0.04%	-0.02%	
2449	238716 02FIRSTN 138 239083 02SAKRON 138 1	238716	02FIRSTN	239083	02SAKRON	1	138	202	ATSI	196	210	Base Case	0	-11.4	-	5.84	0	0.06%	0.06%	0.06%	
2450	239013 02NSQ-15 138 239331 02NASHRING 138 1	239013	02NSQ-15	239331	02NASHRING	1	138	202	ATSI	273	332	Base Case	0	-15.9	-	5.83	0	0.08%	0.08%	-0.02%	
2451	242577 05CARB 8 138 242579 05CARBMA 138 1	242577	05CARB 8	242579	05CARBMA	1	138	205	AEP	205	205	Base Case	0	-11.9	-	5.82	0	-0.01%	-0.01%	-0.01%	
2452	247150 05FARADAY 138 247160 05BEARWA 138 1	247150	05FARADAY	247160	05BEARWA	1	138	205	AEP	296	413	Base Case	0	17.2	-	5.81	0	0.02%	0.02%	0.01%	
2453	242561 05BOONSBORO 138 242641 05FOREST 138 1	242561	05BOONSBORO	242641	05FOREST	1	138	205	AEP	167	240	Base Case	0	-9.7	-	5.81	0	-0.01%	-0.01%	0.51%	
2454	238619 02CL Q11 138 240346 02GROVWDQ11 138 ZL	238619	02CL Q11	240346	02GROVWDQ11	ZL	138	202	ATSI	273	332	Base Case	0	-15.8	-	5.8	0	0.00%	0.00%	0.00%	
2455	242599 05CINDER 138 242810 05SPRIG2 138 1	242599	05CINDER	242810	05SPRIG2	1	138	205	AEP	296	369	Base Case	0	17.2	-	5.8	0	-0.04%	-0.04%	-0.08%	
2456	243259 05CNTRVL 138 243262 05COLLEGE C 138 1	243259	05CNTRVL	243262	05COLLEGE C	1	138	205	AEP	185	185	Base Case	0	10.7	-	5.79	0	-0.05%	-0.05%	-0.04%	
2457	245476 05ROB PK34 138 247790 05DUNTONLAKE 138 2	245476	05ROB PK34	247790	05DUNTONLAKE	2	138	205	AEP	323	451	Base Case	0	18.7	-	5.78	0	0.02%	0.02%	0.03%	
2458	243218 05DESOTO 345 243232 05SORENS 345 2	243218	05DESOTO	243232	05SORENS	2	345	205	AEP	971	971	Base Case	0	56	-	5.76	0	0.03%	0.03%	0.39%	
2459	242703 05LEON A 138 242790 05S.BUFFALO 138 1	242703	05LEON A	242790	05S.BUFFALO	1	138	205	AEP	296	296	Base Case	0	-17.1	-	5.76	0	0.04%	0.04%	0.21%	
2460	243287 05E.ELKHART 138 247541 05OSOLO2 138 1	243287	05E.ELKHART	247541	05OSOLO2	1	138	205	AEP	205	284	Base Case	0	11.8	-	5.75	0	0.04%	0.04%	0.02%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2461	238959 02MFLDQ4 138 238973 02MX Q-4 138 1	238959	02MFLDQ4	238973	02MX Q-4	1	138	202	ATSI	265	316	Base Case	0	-15.2	-	5.74	0	-0.14%	-0.14%	0.05%	
2462	238960 02MIDW K 138 239165 02WAUSEO 138 1	238960	02MIDW K	239165	02WAUSEO	1	138	202	ATSI	158	190	Base Case	0	9.1	-	5.74	0	0.08%	0.08%	0.01%	
2463	239192 02WALGRN 138 240988 02SHELBY_FS+ 138 1	239192	02WALGRN	240988	02SHELBY_FS+	1	138	202	ATSI	278	343	Base Case	0	16	-	5.74	0	0.03%	0.03%	-0.01%	
2464	238720 02FMCQ13 138 238726 02FMQ13H 138 1	238720	02FMCQ13	238726	02FMQ13H	1	138	202	ATSI	103	133	Base Case	0	5.9	-	5.73	0	0.00%	0.00%	0.00%	
2465	243918 05ELDERBERRY 345 244130 05ST.JOE CTR 345 1	243918	05ELDERBERRY	244130	05ST.JOE CTR	1	345	205	AEP	9999	9999	Base Case	0	-570.2	-	5.7	0	-0.36%	-0.36%	-0.36%	
2466	243243 05ANDCT 138 249781 08LAPLJT 138 1	243243	05ANDCT	249781	08LAPLJT	1	138	205/208	AEP/DEI	136	143	Base Case	0	7.7	-	5.69	0	-0.01%	-0.01%	-0.02%	
2467	239935 02MARKWEST 138 239943 02MKWEST2 138 1	239935	02MARKWEST	239943	02MKWEST2	1	138	202	ATSI	312	380	Base Case	0	-17.7	-	5.66	0	-0.68%	-0.68%	0.05%	
2468	243073 05PATRT8 138 246273 05THIVENR SS 138 1	243073	05PATRT8	246273	05THIVENR SS	1	138	205	AEP	95	95	Base Case	0	-5.4	-	5.66	0	0.00%	0.00%	0.00%	
2469	249992 08CDRVL1 138 250137 08OBANNV 138 1	249992	08CDRVL1	250137	08OBANNV	1	138	212	DEO&K	291	291	Base Case	0	16.5	-	5.66	0	0.03%	0.03%	0.03%	
2470	243458 05HYATT 345 247741 05HYATT SW2 345 Z2	243458	05HYATT	247741	05HYATT SW2	Z2	345	205	AEP	1370	1503	Base Case	0	-77.5	-	5.66	0	0.35%	0.35%	0.19%	
2471	238505 02DELTA 138 240842 02NFF 138 1	238505	02DELTA	240842	02NFF	1	138	202	ATSI	278	343	Base Case	0	15.7	-	5.64	0	0.07%	0.07%	0.00%	
2472	247019 05NEVILLE SS 138 247222 05DUPT_S 138 1	247019	05NEVILLE SS	247222	05DUPT_S	1	138	205	AEP	223	310	Base Case	0	12.6	-	5.64	0	0.00%	0.00%	0.00%	
2473	246399 05GLOBE MT Z 138 247373 05MUSKNG2A 138 ZU	246399	05GLOBE MT Z	247373	05MUSKNG2A	ZU	138	205	AEP	747	747	Base Case	0	-42.1	-	5.63	0	-0.10%	-0.10%	-0.06%	
2474	243498 05DLAWAR2 138 245962 05DLAWAR3 138 Z2	243498	05DLAWAR2	245962	05DLAWAR3	Z2	138	205	AEP	670	747	Base Case	0	37.7	-	5.63	0	-0.05%	-0.05%	-0.01%	
2475	242963 05HEDDSS 138 243011 05FULTON 138 1	242963	05HEDDSS	243011	05FULTON	1	138	205	AEP	191	250	Base Case	0	10.7	-	5.62	0	0.10%	0.10%	0.06%	
2476	242938 05MARQUI 345 248003 06DOE530 345 1	242938	05MARQUI	248003	06DOE530	1	345	205/206	AEP/OVEC	966	966	Base Case	0	-54.3	-	5.62	0	-0.38%	-0.38%	-0.55%	
2477	238556 02AYERSV 138 239269 02RICHLJ 138 1	238556	02AYERSV	239269	02RICHLJ	1	138	202	ATSI	216	264	Base Case	0	-12.1	-	5.62	0	0.00%	0.00%	0.00%	
2478	238657 02DBQ-14 138 238711 02EYTP14 138 1	238657	02DBQ-14	238711	02EYTP14	1	138	202	ATSI	273	332	Base Case	0	-15.3	-	5.62	0	0.00%	0.00%	0.00%	
2479	242575 05CAMDLM 138 242781 05RUSTBR 138 1	242575	05CAMDLM	242781	05RUSTBR	1	138	205	AEP	195	220	Base Case	0	11	-	5.62	0	0.00%	0.00%	0.00%	
2480	243253 05BLUFFP 138 243362 05RANDOL 138 1	243253	05BLUFFP	243362	05RANDOL	1	138	205	AEP	257	359	Base Case	0	-14.4	-	5.61	0	0.01%	0.01%	0.04%	
2481	238976 02N MED 345 239122 02STAR 345 1	238976	02N MED	239122	02STAR	1	345	202	ATSI	1413	1742	Base Case	0	-79	-	5.59	0	1.42%	1.42%	0.49%	
2482	243301 05GRANGE 138 243385 05TWIN B 138 1	243301	05GRANGE	243385	05TWIN B	1	138	205	AEP	296	361	Base Case	0	16.4	-	5.55	0	-0.02%	-0.02%	-0.04%	
2483	242510 05BAKER 765 242523 05BAKER 345 1	242510	05BAKER	242523	05BAKER	1	765/345	205	AEP	1587	1752	Base Case	0	-87.8	-	5.53	0	-0.34%	-0.34%	-0.68%	
2484	243875 05SOFTSH 138 246918 05BONNYM 138 1	243875	05SOFTSH	246918	05BONNYM	1	138	205	AEP	369	369	Base Case	0	20.4	-	5.52	0	0.04%	0.04%	0.04%	
2485	238856 02KH Q-3 138 238858 02KHTPQ3 138 1	238856	02KH Q-3	238858	02KHTPQ3	1	138	202	ATSI	355	434	Base Case	0	-19.6	-	5.52	0	0.00%	0.00%	0.00%	
2486	239132 02TALMDG 138 239170 02WESTGT 138 1	239132	02TALMDG	239170	02WESTGT	1	138	202	ATSI	278	287	Base Case	0	-15.3	-	5.51	0	0.05%	0.05%	-0.01%	
2487	242583 05CATAWB 138 242694 05KIMBAL 138 1	242583	05CATAWB	242694	05KIMBAL	1	138	205	AEP	205	205	Base Case	0	11.3	-	5.51	0	0.12%	0.12%	0.27%	
2488	243044 05MILLWO 138 247278 05MILL1Z 138 Z1	243044	05MILLWO	247278	05MILL1Z	Z1	138	205	AEP	164	178	Base Case	0	-9	-	5.5	0	0.00%	0.00%	0.00%	
2489	242625 05DINGES 138 242726 05MUDFRK 138 1	242625	05DINGES	242726	05MUDFRK	1	138	205	AEP	251	309	Base Case	0	13.8	-	5.49	0	-0.07%	-0.07%	-0.12%	
2490	242932 05CANTNC 345 242943 05SCANTO 345 1	242932	05CANTNC	242943	05SCANTO	1	345	205	AEP	1409	1409	Base Case	0	-77.1	-	5.47	0	-0.37%	-0.37%	0.49%	
2491	243497 05DELANO 138 246980 05DELAN8 138 1	243497	05DELANO	246980	05DELAN8	1	138	205	AEP	200	254	Base Case	0	10.9	-	5.46	0	0.00%	0.00%	0.00%	
2492	243288 05EGE 138 243326 05LAOTTO 138 1	243288	05EGE	243326	05LAOTTO	1	138	205	AEP	251	335	Base Case	0	-13.7	-	5.45	0	0.07%	0.07%	0.06%	
2493	243885 05THORSS 138 247714 05BROAD RUN 138 1	243885	05THORSS	247714	05BROAD RUN	1	138	205	AEP	257	360	Base Case	0	14	-	5.45	0	0.00%	0.00%	0.00%	
2494	243141 05WARNER 138 245697 05TORREY2 138 1	243141	05WARNER	245697	05TORREY2	1	138	205	AEP	205	284	Base Case	0	11.1	-	5.4	0	0.27%	0.27%	-0.04%	
2495	250093 08REDBK2 138 250103 08TBSCO1 138 1	250093	08REDBK2	250103	08TBSCO1	1	138	212	DEO&K	332	332	Base Case	0	17.9	-	5.39	0	-0.05%	-0.05%	-0.05%	
2496	246754 05FOWLER 345 246756 05FRCS-2 345 1	246754	05FOWLER	246756	05FRCS-2	1	345	205	AEP	1001	1503	Base Case	0	-53.9	-	5.39	0	-0.03%	-0.03%	-0.03%	
2497	243278 05DESOTO 138 243340 05MEDFOR 138 1	243278	05DESOTO	243340	05MEDFOR	1	138	205	AEP	187	240	Base Case	0	10.1	-	5.39	0	0.02%	0.02%	-0.03%	
2498	243284 05DUPONT 138 243366 05ROB PK12 138 1	243284	05DUPONT	243366	05ROB PK12	1	138	205	AEP	219	255	Base Case	0	11.8	-	5.38	0	-0.09%	-0.09%	-0.06%	
2499	243207 05GRNTWN 765 255204 17REYNOLDS 765 1	243207	05GRNTWN	255204	17REYNOLDS	1	765	205/217	AEP/NIPS	2669	2669	Base Case	0	-143.6	-	5.38	0	-0.65%	-0.65%	-0.54%	
2500	243575 05ST.CLR 138 243876 05ST.CXX 138 SR	243575	05ST.CLR	243876	05ST.CXX	SR	138	205	AEP	191	229	Base Case	0	10.3	-	5.37	0	0.05%	0.05%	-0.03%	
2501	244230 05SUNDAY SS 138 245420 05TRIMBLE 138 1	244230	05SUNDAY SS	245420	05TRIMBLE	1	138	205	AEP	158	183	Base Case	0	8.5	-	5.36	0	0.00%	0.00%	0.00%	
2502	245426 05BULLIT ST2 138 247846 05BULLIT ST1 138 Z1	245426	05BULLIT ST2	247846	05BULLIT ST1	Z1	138	205	AEP	586	683	Base Case	0	-31.4	-	5.35	0	-0.01%	-0.01%	-0.10%	
2503	238607 02CARLIL 345 238976 02N MED 345 1	238607	02CARLIL	238976	02N MED	1	345	202	ATSI	1560	1900	Base Case	0	83.5	-	5.35	0	-1.60%	-1.60%	-0.54%	
2504	238783 02HARDIN 345 238821 02INLAND 345 1	238783	02HARDIN	238821	02INLAND	1	345	202	ATSI	1555	1892	Base Case	0	83.1	-	5.34	0	-0.46%	-0.46%	0.16%	
2505	250011 08DERPK1 138 250115 08TP7482 138 1	250011	08DERPK1	250115	08TP7482	1	138	212	DEO&K	266	266	Base Case	0	14.2	-	5.33	0	0.00%	0.00%	0.00%	
2506	250002 08COOPER 138 250115 08TP7482 138 1	250002	08COOPER	250115	08TP7482	1	138	212	DEO&K	266	266	Base Case	0	-14.2	-	5.33	0	0.00%	0.00%	0.00%	
2507	245491 05BABBIT3-4 138 246177 05ANGUIN1-2 138 2	245491	05BABBIT3-4	246177	05ANGUIN1-2	2	138	205	AEP	996	996	Base Case	0	53.1	-	5.33	0	0.00%	0.00%	0.00%	
2508	245491 05BABBIT3-4 138 246177 05ANGUIN1-2 138 1	245491	05BABBIT3-4	246177	05ANGUIN1-2	1	138	205	AEP	996	996	Base Case	0	53.1	-	5.33	0	0.00%	0.00%	0.00%	
2509	246407 05CABIN CRK2 138 247792 05FIELDS CRK 138 1	246407	05CABIN CRK2	247792	05FIELDS CRK	1	138	205	AEP	729	729	Base Case	0	-38.8	-	5.32	0	-0.09%	-0.09%	-0.17%	
2510	242941 05OHIOCT 345 243454 05BIXBY 345 1	242941	05OHIOCT	243454	05BIXBY	1	345	205	AEP	1409	1868	Base Case	0	74.9	-	5.32	0	0.36%	0.36%	-0.16%	
2511	242609 05CLYTR2 138 242610 05CLYTR3 138 Z1	242609	05CLYTR2	242610	05CLYTR3	Z1	138	205	AEP	287	337	Base Case	0	-15.3	-	5.32	0	0.09%	0.09%	0.40%	
2512	239145 02REPVINE 138 239730 02REPARC 138 1	239145	02REPVINE	239730	02REPARC	1	138	202	ATSI	160	192	Base Case	0	-8.5	-	5.31	0	0.00%	0.00%	0.00%	
2513	238838 02JIQ-11 138 238848 02JRDQ11 138 1	238838	02JIQ-11	238848	02JRDQ11	1	138	202	ATSI	265	316	Base Case	0	-14.1	-	5.3	0	-0.08%	-0.08%	0.03%	
2514	238509 02FREY 138 238884 02LEMO K 138 1	238509	02FREY	238884	02LEMO K	1	138	202	ATSI	241	292	Base Case	0	12.8	-	5.3	0	-0.03%	-0.03%	-0.04%	
2515	239108 02SHNROK 138 239279 02CONCST 138 1	239108	02SHNROK	239279	02CONCST	1	138	202	ATSI	220	268	Base Case	0	11.6	-	5.29	0	-0.23%	-0.23%	-0.04%	
2516	243021 05HNG RK 138 243968 05IRONWOODSS 138 1	243021	05HNG RK	243968	05IRONWOODSS	1	138	205	AEP	223	310	Base Case	0	-11.8	-	5.28	0	0.00%	0.00%	-0.01%	
2517	238511 02GMC-J 138 239269 02RICHLJ 138 1	238511	02GMC-J	239269	02RICHLJ	1	138	202	ATSI	216	264	Base Case	0	-11.4	-	5.27	0	0.00%	0.00%	0.00%	
2518	242650 05GLENL1 138 242666 05HAZELH 138 1	242650	05GLENL1	242666	05HAZELH	1	138	205	AEP	134	169	Base Case	0	-7.1	-	5.26	0	0.07%	0.07%	0.29%	
2519	239045 02PN Q-1 138 239047 02PN TP 138 1	239045	02PN Q-1	239047	02PN TP	1	138	202	ATSI	265	316	Base Case	0	13.9	-	5.26	0	0.00%	0.00%	0.00%	
2520	242671 05HOPKIN 138 247242 05CHAPSS 138 1	242671	05HOPKIN	247242	05CHAPSS	1	138	205	AEP	389	559	Base Case	0	20.4	-	5.25	0	0.03%	0.03%	-0.17%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2521	253006 09BATH 345 253027 09GREENE 345 1	253006	09BATH	253027	09GREENE	1	345	209	DAY	1255	1374	Base Case	0	-65.7	-	5.24	0	0.48%	0.48%	0.36%	
2522	241926 02ASTORQ14 138 241930 02AVQ4 138 1	241926	02ASTORQ14	241930	02AVQ4	1	138	202	ATSI	273	332	Base Case	0	-14.3	-	5.22	0	0.14%	0.14%	0.00%	
2523	238773 02GTQ-13 138 238794 02HDGQ13 138 1	238773	02GTQ-13	238794	02HDGQ13	1	138	202	ATSI	273	332	Base Case	0	-14.3	-	5.22	0	0.06%	0.06%	0.01%	
2524	242924 05HANG R 765 242929 05NPROCT 765 1	242924	05HANG R	242929	05NPROCT	1	765	205	AEP	4142	4142	Base Case	0	213.9	-	5.16	0	-2.29%	-2.29%	-1.13%	
2525	243205 05COOK 765 243215 05COOK 345 4	243205	05COOK	243215	05COOK	4	765/345	205	AEP	1740	1868	Base Case	0	-89.8	-	5.16	0	-0.05%	-0.05%	-0.47%	
2526	242661 05HALES1 138 242794 05SHACKM 138 1	242661	05HALES1	242794	05SHACKM	1	138	205	AEP	296	392	Base Case	0	15.3	-	5.16	0	-0.06%	-0.06%	-0.17%	
2527	250032 08FRFLD1 138 250041 08HAMLTN 138 1	250032	08FRFLD1	250041	08HAMLTN	1	138	212	DEO&K	298	298	Base Case	0	15.4	-	5.15	0	-0.01%	-0.01%	0.00%	
2528	243229 05OLIVE 345 255205 17REYNOLDS 345 1	243229	05OLIVE	255205	17REYNOLDS	1	345	205/217	AEP/NIPS	971	1414	Base Case	0	-50	-	5.15	0	0.26%	0.26%	0.43%	
2529	243229 05OLIVE 345 255205 17REYNOLDS 345 2	243229	05OLIVE	255205	17REYNOLDS	2	345	205/217	AEP/NIPS	971	1419	Base Case	0	-50	-	5.15	0	0.26%	0.26%	0.43%	
2530	243305 05HACIEN 138 243306 05HARPER 138 1	243305	05HACIEN	243306	05HARPER	1	138	205	AEP	219	255	Base Case	0	11.2	-	5.13	0	-0.03%	-0.03%	-0.02%	
2531	243352 05NTRDAM 138 243370 05S.BEND1 138 1	243352	05NTRDAM	243370	05S.BEND1	1	138	205	AEP	257	330	Base Case	0	13.1	-	5.09	0	-0.09%	-0.09%	-0.06%	
2532	250122 08WARRN1 138 250123 08WARRN2 138 Z1	250122	08WARRN1	250123	08WARRN2	Z1	138	212	DEO&K	275	275	Base Case	0	14	-	5.08	0	0.01%	0.01%	0.02%	
2533	243206 05DUMONT 765 243207 05GRNTWN 765 1	243206	05DUMONT	243207	05GRNTWN	1	765	205	AEP	4558	5001	Base Case	0	-231.4	-	5.08	0	1.38%	1.38%	2.35%	
2534	246885 05MOORE HOLW 138 246915 05PRINCESS 138 1	246885	05MOORE HOLW	246915	05PRINCESS	1	138	205	AEP	296	413	Base Case	0	15	-	5.08	0	0.02%	0.02%	0.03%	
2535	238684 02EASTLK 345 239358 02GLENWILLOW 345 1	238684	02EASTLK	239358	02GLENWILLOW	1	345	202	ATSI	1542	1878	Base Case	0	-78.2	-	5.07	0	-0.68%	-0.68%	0.30%	
2536	238818 02ILQ-11 138 239118 02SSPQ11 138 1	238818	02ILQ-11	239118	02SSPQ11	1	138	202	ATSI	273	332	Base Case	0	13.8	-	5.05	0	-0.06%	-0.06%	0.02%	
2537	238868 02KPQ-13 138 238870 02KY Q-3 138 1	238868	02KPQ-13	238870	02KY Q-3	1	138	202	ATSI	347	423	Base Case	0	17.4	-	5.02	0	0.00%	0.00%	0.00%	
2538	242957 05BASEL8 138 243080 05RILEYC 138 1	242957	05BASEL8	243080	05RILEYC	1	138	205	AEP	140	140	Base Case	0	-7	-	5.02	0	0.00%	0.00%	0.00%	
2539	250004 08CRNEL1 138 250005 08CRNEL4 138 Z1	250004	08CRNEL1	250005	08CRNEL4	Z1	138	212	DEO&K	309	349	Base Case	0	15.5	-	5.01	0	0.00%	0.00%	0.00%	
2540	238512 02GMC-K 138 239070 02RICHLD 138 1	238512	02GMC-K	239070	02RICHLD	1	138	202	ATSI	216	229	Base Case	0	-10.8	-	5	0	0.00%	0.00%	0.00%	
2541	243459 05KIRK 345 243855 05JUG ST 345 1	243459	05KIRK	243855	05JUG ST	1	345	205	AEP	958	1123	Base Case	0	-47.6	-	4.97	0	0.36%	0.36%	-0.08%	
2542	242518 05BROADF 500 242511 05BROADF 765 4	242518	05BROADF	242511	05BROADF	4	500/765	205	AEP	1710	1920	Base Case	0	84.9	-	4.96	0	-1.29%	-1.29%	0.12%	
2543	243235 0523RD 138 243395 05WESTINGHS 138 1	243235	0523RD	243395	05WESTINGHS	1	138	205	AEP	205	205	Base Case	0	10.1	-	4.95	0	0.01%	0.01%	0.00%	
2544	243857 05COFFEE 138 246229 05REUSENS2 138 1	243857	05COFFEE	246229	05REUSENS2	1	138	205	AEP	167	220	Base Case	0	8.3	-	4.95	0	-0.01%	-0.01%	-0.23%	
2545	239030 02OTTAWA 138 239140 02TOUSNT 138 1	239030	02OTTAWA	239140	02TOUSNT	1	138	202	ATSI	235	288	Base Case	0	-11.6	-	4.94	0	-0.16%	-0.16%	-0.02%	
2546	243281 05DRAGNZ 138 243385 05TWIN B 138 1	243281	05DRAGNZ	243385	05TWIN B	1	138	205	AEP	219	251	Base Case	0	10.8	-	4.94	0	-0.05%	-0.05%	-0.03%	
2547	243338 05MCKINLEY3 138 244935 05MCKINLEY1 138 ZT	243338	05MCKINLEY3	244935	05MCKINLEY1	ZT	138	205	AEP	348	407	Base Case	0	-17.2	-	4.93	0	0.03%	0.03%	0.03%	
2548	243512 05DIAMONDISS 138 246370 05HUNTLEY2 138 1	243512	05DIAMONDISS	246370	05HUNTLEY2	1	138	205	AEP	191	229	Base Case	0	-9.4	-	4.92	0	-0.01%	-0.01%	-0.02%	
2549	243453 05BEATTY 345 243454 05BIXBY 345 1	243453	05BEATTY	243454	05BIXBY	1	345	205	AEP	1096	1203	Base Case	0	-53.6	-	4.89	0	1.30%	1.30%	0.45%	
2550	242675 05HUFFMN 138 242848 05WILLGP 138 1	242675	05HUFFMN	242848	05WILLGP	1	138	205	AEP	296	398	Base Case	0	14.5	-	4.89	0	0.00%	0.00%	0.00%	
2551	238867 02KPQ-12 138 238869 02KY Q-1 138 1	238867	02KPQ-12	238869	02KY Q-1	1	138	202	ATSI	355	434	Base Case	0	17.3	-	4.88	0	0.00%	0.00%	0.00%	
2552	243141 05WARNER 138 245201 05RTI 138 1	243141	05WARNER	245201	05RTI	1	138	205	AEP	195	220	Base Case	0	9.5	-	4.87	0	0.00%	0.00%	0.00%	
2553	243308 05HICKRY CK1 138 243350 05NICKER 138 1	243308	05HICKRY CK1	243350	05NICKER	1	138	205	AEP	164	180	Base Case	0	8	-	4.86	0	-0.02%	-0.02%	-0.02%	
2554	238959 02MFLDQ4 138 239017 02NT Q16 138 1	238959	02MFLDQ4	239017	02NT Q16	1	138	202	ATSI	265	316	Base Case	0	12.8	-	4.83	0	-0.02%	-0.02%	0.01%	
2555	243381 05SUMMIT 138 245511 05INDUST PK2 138 1	243381	05SUMMIT	245511	05INDUST PK2	1	138	205	AEP	251	335	Base Case	0	-12.1	-	4.83	0	0.00%	0.00%	0.05%	
2556	249577 08ZIMER 345 249581 08MELDAL 345 1	249577	08ZIMER	249581	08MELDAL	1	345	212	DEO&K	1509	1509	Base Case	0	-72.6	-	4.81	0	0.41%	0.41%	0.59%	
2557	250045 08HEBRN1 138 250151 08HEBTAP 138 Z1	250045	08HEBRN1	250151	08HEBTAP	Z1	138	212	DEO&K	309	349	Base Case	0	-14.9	-	4.81	0	0.00%	0.00%	0.00%	
2558	250020 08ESTWD1 138 250021 08ESTWD2 138 Z1	250020	08ESTWD1	250021	08ESTWD2	Z1	138	212	DEO&K	406	454	Base Case	0	19.5	-	4.81	0	-0.04%	-0.04%	-0.04%	
2559	238631 02CNTRAL 138 238748 02GARDEN 138 1	238631	02CNTRAL	238748	02GARDEN	1	138	202	ATSI	157	196	Base Case	0	7.5	-	4.8	0	0.04%	0.04%	0.00%	
2560	250016 08EBNZR 138 250061 08MDWAY2 138 1	250016	08EBNZR	250061	08MDWAY2	1	138	212	DEO&K	266	266	Base Case	0	12.8	-	4.8	0	-0.03%	-0.03%	0.01%	
2561	243342 05MILAN 138 247167 05MICHN2 138 1	243342	05MILAN	247167	05MICHN2	1	138	205	AEP	167	245	Base Case	0	8	-	4.79	0	0.00%	0.00%	0.00%	
2562	243342 05MILAN 138 247166 05MICHN1 138 1	243342	05MILAN	247166	05MICHN1	1	138	205	AEP	167	245	Base Case	0	8	-	4.79	0	0.00%	0.00%	0.00%	
2563	238839 02JIQ-14 138 238849 02JRDQ14 138 1	238839	02JIQ-14	238849	02JRDQ14	1	138	202	ATSI	265	316	Base Case	0	12.7	-	4.79	0	0.13%	0.13%	-0.05%	
2564	242915 05STANVILLE2 138 243698 05MORGFK 138 1	242915	05STANVILLE2	243698	05MORGFK	1	138	205	AEP	223	310	Base Case	0	-10.7	-	4.78	0	0.00%	0.00%	0.17%	
2565	242546 05BAILS1 138 242547 05BAILS2 138 Z1	242546	05BAILS1	242547	05BAILS2	Z1	138	205	AEP	335	392	Base Case	0	-16	-	4.78	0	0.03%	0.03%	0.11%	
2566	243390 05WAYNED 138 244935 05MCKINLEY1 138 1	243390	05WAYNED	244935	05MCKINLEY1	1	138	205	AEP	251	251	Base Case	0	-12	-	4.78	0	-0.05%	-0.05%	-0.02%	
2567	243464 05ADAMS 138 243571 05SEAMAN 138 1	243464	05ADAMS	243571	05SEAMAN	1	138	205	AEP	296	413	Base Case	0	14.1	-	4.77	0	0.08%	0.08%	0.06%	
2568	250084 08PARK1 138 250085 08PARK2 138 Z1	250084	08PARK1	250085	08PARK2	Z1	138	212	DEO&K	394	394	Base Case	0	-18.8	-	4.77	0	0.06%	0.06%	0.06%	
2569	242805 05HATCHR 138 242806 05SPDWY 138 1	242805	05HATCHR	242806	05SPDWY	1	138	205	AEP	205	205	Base Case	0	9.8	-	4.77	0	0.00%	0.00%	0.00%	
2570	243671 05BEAVER CR1 138 244688 05BEAVER CR2 138 ZP	243671	05BEAVER CR1	244688	05BEAVER CR2	ZP	138	205	AEP	348	369	Base Case	0	16.6	-	4.76	0	0.07%	0.07%	0.05%	
2571	242539 05ANGLBR 138 242655 05GRASFK 138 1	242539	05ANGLBR	242655	05GRASFK	1	138	205	AEP	158	183	Base Case	0	7.5	-	4.75	0	0.00%	0.00%	0.00%	
2572	235205 01KRENDL 138 239099 02SENECA 138 1	235205	01KRENDL	239099	02SENECA	1	138	201/202	AP/ATSI	267	352	Base Case	0	12.7	-	4.75	0	0.68%	0.68%	-0.05%	
2573	243001 05EZANEV 138 243074 05PHILO1 138 1	243001	05EZANEV	243074	05PHILO1	1	138	205	AEP	187	240	Base Case	0	-8.9	-	4.74	0	0.13%	0.13%	0.05%	
2574	243229 05OLIVE 345 274804 UNIV PK N;RP 345 1	243229	05OLIVE	274804	UNIV PK N;RP	1	345	205/222	AEP/CE	971	971	Base Case	0	45.9	-	4.73	0	1.00%	1.00%	0.75%	
2575	243239 05ROCKP WRK1 138 243785 05AKSTL 138 1	243239	05ROCKP WRK1	243785	05AKSTL	1	138	205	AEP	388	388	Base Case	0	18.3	-	4.73	0	0.00%	0.00%	0.00%	
2576	243240 05ROCKP WRK2 138 243785 05AKSTL 138 1	243240	05ROCKP WRK2	243785	05AKSTL	1	138	205	AEP	388	388	Base Case	0	18.3	-	4.73	0	0.00%	0.00%	0.00%	
2577	242809 05SPRIG1 138 246316 05STONE 138 1	242809	05SPRIG1	246316	05STONE	1	138	205	AEP	262	332	Base Case	0	12.4	-	4.72	0	0.09%	0.09%	0.03%	
2578	239098 02SBRNQ4 138 239115 02SP Q-4 138 1	239098	02SBRNQ4	239115	02SP Q-4	1	138	202	ATSI	148	151	Base Case	0	-7	-	4.72	0	-0.19%	-0.19%	0.04%	
2579	242574 05CABIN CRK1 138 242596 05CHESTR 138 1	242574	05CABIN CRK1	242596	05CHESTR	1	138	205	AEP	729	729	Base Case	0	-34.3	-	4.71	0	-0.07%	-0.07%	-0.19%	
2580	243272 05DALEVI 138 243340 05MEDFOR 138 1	243272	05DALEVI	243340	05MEDFOR	1	138	205	AEP	187	233	Base Case	0	8.7	-	4.68	0	-0.02%	-0.02%	0.04%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2581	241901 02LALLENDORF 345 241949 AB1-107 POI 345 1	241901	02LALLENDORF	241949	AB1-107 POI	1	345	202	ATSI	9999	9999	Base Case	0	-465.9	-	4.66	0	-0.29%	-0.29%	-0.29%	
2582	246912 05N MKT8 138 247035 05NMARSS 138 1	246912	05N MKT8	247035	05NMARSS	1	138	205	AEP	195	220	Base Case	0	-9.1	-	4.65	0	0.00%	0.00%	0.00%	
2583	238839 02JIQ-14 138 238860 02KIQ-14 138 1	238839	02JIQ-14	238860	02KIQ-14	1	138	202	ATSI	273	332	Base Case	0	-12.7	-	4.65	0	0.13%	0.13%	-0.05%	
2584	249990 08BROWN 138 250021 08ESTWD2 138 1	249990	08BROWN	250021	08ESTWD2	1	138	212	DEO&K	301	301	Base Case	0	14	-	4.64	0	0.04%	0.04%	0.04%	
2585	238774 02GTQ-14 138 238795 02HDGQ14 138 1	238774	02GTQ-14	238795	02HDGQ14	1	138	202	ATSI	273	332	Base Case	0	-12.6	-	4.63	0	0.08%	0.08%	-0.01%	
2586	238774 02GTQ-14 138 238791 02HCQ-14 138 1	238774	02GTQ-14	238791	02HCQ-14	1	138	202	ATSI	273	332	Base Case	0	12.6	-	4.63	0	0.08%	0.08%	-0.01%	
2587	242661 05HALES1 138 242662 05HALES2 138 Z1	242661	05HALES1	242662	05HALES2	Z1	138	205	AEP	335	392	Base Case	0	15.5	-	4.62	0	-0.05%	-0.05%	0.15%	
2588	270139 AA2-116_TAP2 345 270140 AA2-116_POI 345 1	270139	AA2-116_TAP2	270140	AA2-116_POI	1	345	205	AEP	9999	9999	Base Case	0	-459.7	-	4.6	0	-0.12%	-0.12%	-0.20%	
2589	244423 05JAMES RIVR 138 244446 05SOAPSTONE 138 1	244423	05JAMES RIVR	244446	05SOAPSTONE	1	138	205	AEP	167	167	Base Case	0	7.7	-	4.58	0	-0.30%	-0.30%	-0.65%	
2590	238623 02CLARK 138 239278 02BRDVIE 138 1	238623	02CLARK	239278	02BRDVIE	1	138	202	ATSI	278	339	Base Case	0	-12.7	-	4.58	0	0.06%	0.06%	0.01%	
2591	243252 05BIXLRT 138 243321 05KENDAL 138 1	243252	05BIXLRT	243321	05KENDAL	1	138	205	AEP	251	335	Base Case	0	-11.5	-	4.58	0	-0.05%	-0.05%	-0.03%	
2592	244935 05MCKINLEY1 138 244936 05MCKINLEY2 138 ZC	244935	05MCKINLEY1	244936	05MCKINLEY2	ZC	138	205	AEP	695	695	Base Case	0	-31.8	-	4.58	0	-0.02%	-0.02%	0.01%	
2593	238544 02ASH_3 138 239182 02ZNQ-16 138 1	238544	02ASH_3	239182	02ZNQ-16	1	138	202	ATSI	275	333	Base Case	0	12.5	-	4.55	0	0.00%	0.00%	0.00%	
2594	238542 02ASH_1 138 238543 02ASH_2 138 ZB	238542	02ASH_1	238543	02ASH_2	ZB	138	202	ATSI	999	999	Base Case	0	-45.4	-	4.55	0	0.18%	0.18%	-0.03%	
2595	238864 02KNOX 138 239372 02HAGAN 138 1	238864	02KNOX	239372	02HAGAN	1	138	202	ATSI	278	339	Base Case	0	-12.6	-	4.53	0	0.13%	0.13%	0.00%	
2596	243574 05SUNBURY SS 138 243583 05TRENT 138 1	243574	05SUNBURY SS	243583	05TRENT	1	138	205	AEP	285	361	Base Case	0	-12.8	-	4.49	0	0.04%	0.04%	-0.01%	
2597	253046 09MIAMI 138 253106 09NCARLI 138 1	253046	09MIAMI	253106	09NCARLI	1	138	209	DAY	301	374	Base Case	0	13.5	-	4.48	0	-0.03%	-0.03%	-0.04%	
2598	242792 05SCOTSV 138 314746 4BREMO 138 1	242792	05SCOTSV	314746	4BREMO	1	138	205/345	AEP/DVP	167	167	Base Case	0	-7.5	-	4.48	0	0.30%	0.30%	0.65%	
2599	242656 05GRASSH 138 242774 05ROANO2 138 1	242656	05GRASSH	242774	05ROANO2	1	138	205	AEP	240	251	Base Case	0	10.7	-	4.47	0	-0.05%	-0.05%	0.40%	
2600	238523 02CHRYTE 138 240988 02SHELBY_FS+ 138 1	238523	02CHRYTE	240988	02SHELBY_FS+	1	138	202	ATSI	278	343	Base Case	0	12.4	-	4.46	0	-0.03%	-0.03%	0.01%	
2601	243509 05FISHRD 138 243582 05TRABUE 138 1	243509	05FISHRD	243582	05TRABUE	1	138	205	AEP	223	223	Base Case	0	9.9	-	4.46	0	-0.04%	-0.04%	0.00%	
2602	238685 02EASTLK 138 241921 02ELQ1 138 1	238685	02EASTLK	241921	02ELQ1	1	138	202	ATSI	999	999	Base Case	0	44.6	-	4.46	0	-0.06%	-0.06%	0.02%	
2603	242845 05WELCH 138 242854 05W.WELCH SS 138 1	242845	05WELCH	242854	05W.WELCH SS	1	138	205	AEP	251	251	Base Case	0	-11.2	-	4.45	0	0.00%	0.00%	0.00%	
2604	243571 05SEAMAN 138 247035 05NMARSS 138 1	243571	05SEAMAN	247035	05NMARSS	1	138	205	AEP	223	223	Base Case	0	9.9	-	4.44	0	0.07%	0.07%	0.05%	
2605	242521 05NAGEL 500 242532 05NAGEL 230 5	242521	05NAGEL	242532	05NAGEL	5	500/230	205	AEP	930	930	Base Case	0	41.1	-	4.42	0	-0.21%	-0.21%	-1.32%	
2606	242566 05BROADF 138 242788 05SALTV1 138 2	242566	05BROADF	242788	05SALTV1	2	138	205	AEP	219	251	Base Case	0	-9.7	-	4.42	0	-0.17%	-0.17%	-0.27%	
2607	242827 05TAZEWE 138 247029 05HORSPN 138 1	242827	05TAZEWE	247029	05HORSPN	1	138	205	AEP	334	334	Base Case	0	-14.7	-	4.41	0	0.00%	0.00%	-0.30%	
2608	238790 02HCQ-13 138 239119 02SSPQ13 138 1	238790	02HCQ-13	239119	02SSPQ13	1	138	202	ATSI	273	332	Base Case	0	12	-	4.4	0	-0.05%	-0.05%	-0.01%	
2609	239181 02ZNQ-15 138 239349 02MILCHM 138 1	239181	02ZNQ-15	239349	02MILCHM	1	138	202	ATSI	273	332	Base Case	0	-12	-	4.39	0	0.00%	0.00%	0.00%	
2610	253352 AB1-169 MAIN 345 253353 AB1-169 1 345 1	253352	AB1-169 MAIN	253353	AB1-169 1	1	345	209	DAY	9999	9999	Base Case	0	-438.3	-	4.38	0	-0.27%	-0.27%	-0.27%	
2611	253352 AB1-169 MAIN 345 253354 AB1-169 2 345 1	253352	AB1-169 MAIN	253354	AB1-169 2	1	345	209	DAY	9999	9999	Base Case	0	-438.3	-	4.38	0	-0.27%	-0.27%	-0.27%	
2612	242835 05TRISTA 138 246919 05CHADWICK2 138 2	242835	05TRISTA	246919	05CHADWICK2	2	138	205	AEP	219	255	Base Case	0	9.6	-	4.38	0	0.09%	0.09%	0.05%	
2613	242660 05H.RIDG 138 242743 05PARKHI 138 1	242660	05H.RIDG	242743	05PARKHI	1	138	205	AEP	146	167	Base Case	0	-6.4	-	4.36	0	-0.06%	-0.06%	-0.02%	
2614	243341 05MIER 138 249800 08MIER 138 Z1	243341	05MIER	249800	08MIER	Z1	138	205/208	AEP/DEI	167	167	Base Case	0	-7.3	-	4.35	0	0.00%	0.00%	0.00%	
2615	238710 02EYQ-14 138 238775 02GXQ-14 138 1	238710	02EYQ-14	238775	02GXQ-14	1	138	202	ATSI	339	405	Base Case	0	14.7	-	4.35	0	-0.15%	-0.15%	-0.02%	
2616	242609 05CLYTR2 138 247870 05CLAYTR HY2 138 2	242609	05CLYTR2	247870	05CLAYTR HY2	2	138	205	AEP	120	151	Base Case	0	-5.2	-	4.35	0	-0.02%	-0.02%	-0.04%	
2617	239145 02REPVINE 138 239739 02CROMWELL 138 1	239145	02REPVINE	239739	02CROMWELL	1	138	202	ATSI	233	282	Base Case	0	-10.1	-	4.34	0	0.00%	0.00%	0.00%	
2618	250007 08CRSNT1 138 250014 08DNLSN1 138 1	250007	08CRSNT1	250014	08DNLSN1	1	138	212	DEO&K	266	266	Base Case	0	-11.5	-	4.33	0	0.05%	0.05%	0.08%	
2619	243210 05SULLIVAN 765 247712 05SULLIVAN 345 2	243210	05SULLIVAN	247712	05SULLIVAN	2	765/345	205	AEP	2742	2865	Base Case	0	118.5	-	4.32	0	0.23%	0.23%	0.02%	
2620	238608 02CARLIL 138 239279 02CONCST 138 1	238608	02CARLIL	239279	02CONCST	1	138	202	ATSI	220	268	Base Case	0	-9.5	-	4.32	0	-0.23%	-0.23%	-0.04%	
2621	243299 05HYDRAMATIC 138 243345 05MOORPK 138 1	243299	05HYDRAMATIC	243345	05MOORPK	1	138	205	AEP	251	251	Base Case	0	10.8	-	4.31	0	0.01%	0.01%	0.01%	
2622	238575 02BLUBEL 138 239042 02PIDGON 138 1	238575	02BLUBEL	239042	02PIDGON	1	138	202	ATSI	177	233	Base Case	0	7.6	-	4.3	0	-0.15%	-0.15%	0.01%	
2623	242987 05DEXTER 138 244439 05MEIGS SW2Z 138 Z1	242987	05DEXTER	244439	05MEIGS SW2Z	Z1	138	205	AEP	158	183	Base Case	0	6.8	-	4.29	0	0.00%	0.00%	0.00%	
2624	243218 05DESOTO 345 243225 05KEYSTN 345 1	243218	05DESOTO	243225	05KEYSTN	1	345	205	AEP	897	897	Base Case	0	-38.4	-	4.29	0	-0.09%	-0.09%	-0.44%	
2625	242682 05JIM BRANCH 138 247151 05YUKON 138 1	242682	05JIM BRANCH	247151	05YUKON	1	138	205	AEP	296	413	Base Case	0	-12.6	-	4.26	0	-0.05%	-0.05%	0.04%	
2626	243781 05MITCHL FGD 138 246108 05KAMMER24 138 Z2	243781	05MITCHL FGD	246108	05KAMMER24	Z2	138	205	AEP	747	747	Base Case	0	-31.7	-	4.25	0	0.00%	0.00%	0.00%	
2627	243781 05MITCHL FGD 138 246108 05KAMMER24 138 Z1	243781	05MITCHL FGD	246108	05KAMMER24	Z1	138	205	AEP	747	747	Base Case	0	-31.7	-	4.25	0	0.00%	0.00%	0.00%	
2628	242578 05CARB Z 138 242836 05TURNE1 138 1	242578	05CARB Z	242836	05TURNE1	1	138	205	AEP	498	498	Base Case	0	-21.1	-	4.24	0	-0.02%	-0.02%	-0.01%	
2629	243298 05GM-FTW 138 244489 05FOGWELL 138 2	243298	05GM-FTW	244489	05FOGWELL	2	138	205	AEP	226	226	Base Case	0	-9.6	-	4.24	0	0.00%	0.00%	0.00%	
2630	243042 05MILLBR PK1 138 245948 05MILLBR PK2 138 Z1	243042	05MILLBR PK1	245948	05MILLBR PK2	Z1	138	205	AEP	219	255	Base Case	0	-9.3	-	4.23	0	-0.11%	-0.11%	-0.07%	
2631	243011 05FULTON 138 243148 05WINDFL 138 1	243011	05FULTON	243148	05WINDFL	1	138	205	AEP	191	250	Base Case	0	8.1	-	4.23	0	0.10%	0.10%	0.06%	
2632	243268 05COVNT 138 247132 05ELLISN 138 1	243268	05COVNT	247132	05ELLISN	1	138	205	AEP	205	284	Base Case	0	-8.6	-	4.22	0	0.00%	0.00%	0.00%	
2633	242926 05MALIS 765 246751 05VASSEL 765 1	242926	05MALIS	246751	05VASSEL	1	765	205	AEP	4142	4142	Base Case	0	173.4	-	4.19	0	-4.54%	-4.54%	-0.74%	
2634	238543 02ASH_2 138 239096 02SBRNQ2 138 1	238543	02ASH_2	239096	02SBRNQ2	1	138	202	ATSI	148	151	Base Case	0	6.2	-	4.17	0	0.18%	0.19%	-0.04%	
2635	239096 02SBRNQ2 138 239212 02AUSTQ2 138 1	239096	02SBRNQ2	239212	02AUSTQ2	1	138	202	ATSI	148	151	Base Case	0	6.2	-	4.17	0	0.18%	0.19%	-0.04%	
2636	238686 02ECTY F 138 238695 02ELW+ 138 1	238686	02ECTY F	238695	02ELW+	1	138	202	ATSI	160	192	Base Case	0	-6.7	-	4.16	0	0.00%	0.00%	0.00%	
2637	243497 05DELANO 138 243530 05KENWO2 138 1	243497	05DELANO	243530	05KENWO2	1	138	205	AEP	200	254	Base Case	0	8.3	-	4.14	0	0.00%	0.00%	0.00%	
2638	243570 05CLAYBN 138 247021 05KENWO1 138 1	243570	05CLAYBN	247021	05KENWO1	1	138	205	AEP	200	254	Base Case	0	8.3	-	4.14	0	0.00%	0.00%	0.00%	
2639	242807 05SPORN 138 246237 05THIVENER2Z 138 1	242807	05SPORN	246237	05THIVENER2Z	1	138	205	AEP	167	167	Base Case	0	6.9	-	4.12	0	0.03%	0.03%	-0.05%	
2640	242961 05BIGGRC 138 246945 05BIGR1Z 138 Z1	242961	05BIGGRC	246945	05BIGR1Z	Z1	138	205	AEP	205	205	Base Case	0	-8.4	-	4.11	0	0.00%	0.00%	0.00%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2641	243058 05NEWARK CTR 138 244871 05RIDGELY 138 1	243058	05NEWARK CTR	244871	05RIDGELY	1	138	205	AEP	292	328	Base Case	0	12	-	4.11	0	0.08%	0.08%	-0.04%	
2642	243018 05HEATH 138 245964 05N.NEWARK2 138 1	243018	05HEATH	245964	05N.NEWARK2	1	138	205	AEP	167	167	Base Case	0	6.9	-	4.1	0	-0.06%	-0.06%	0.07%	
2643	242587 05CELAN 138 242749 05PETERM 138 1	242587	05CELAN	242749	05PETERM	1	138	205	AEP	205	284	Base Case	0	-8.4	-	4.1	0	-0.11%	-0.11%	-0.25%	
2644	243040 05MERCERVL Z 138 246237 05THIVENER2Z 138 1	243040	05MERCERVL Z	246237	05THIVENER2Z	1	138	205	AEP	167	167	Base Case	0	-6.8	-	4.1	0	0.03%	0.03%	-0.05%	
2645	249582 08GARVER 345 249583 08NTEGEN 345 1	249582	08GARVER	249583	08NTEGEN	1	345	212	DEO&K	9999	9999	Base Case	0	-408.9	-	4.09	0	-0.26%	-0.26%	-0.26%	
2646	243478 05BRKSHR 138 243915 05BERRYWOOD 138 1	243478	05BRKSHR	243915	05BERRYWOOD	1	138	205	AEP	338	456	Base Case	0	-13.8	-	4.09	0	-0.04%	-0.04%	0.01%	
2647	242811 05SPRING 138 242851 05WOLFH2 138 1	242811	05SPRING	242851	05WOLFH2	1	138	205	AEP	167	240	Base Case	0	6.8	-	4.08	0	0.00%	0.00%	-0.14%	
2648	243380 05STDBKR 138 247828 05OLIVERPLOW 138 1	243380	05STDBKR	247828	05OLIVERPLOW	1	138	205	AEP	282	337	Base Case	0	11.5	-	4.08	0	0.03%	0.03%	0.02%	
2649	253029 09GRNVIL 138 253089 09WMILTN 138 1	253029	09GRNVIL	253089	09WMILTN	1	138	209	DAY	165	165	Base Case	0	-6.7	-	4.06	0	0.06%	0.06%	0.07%	
2650	243155 05W.NEWTONSS 138 245856 05W.NEWTON8 138 Z1	243155	05W.NEWTONSS	245856	05W.NEWTON8	Z1	138	205	AEP	97	97	Base Case	0	3.9	-	4.06	0	0.00%	0.00%	0.00%	
2651	270138 AA2-116_TAP1 345 270140 AA2-116_POI 345 1	270138	AA2-116_TAP1	270140	AA2-116_POI	1	345	205	AEP	9999	9999	Base Case	0	-405.6	-	4.06	0	-0.42%	-0.42%	-0.34%	
2652	242794 05SHACKM 138 247149 05WHITWD 138 1	242794	05SHACKM	247149	05WHITWD	1	138	205	AEP	296	398	Base Case	0	-12	-	4.04	0	0.06%	0.06%	0.17%	
2653	243395 05WESTINGHS 138 246318 05FUSON 138 1	243395	05WESTINGHS	246318	05FUSON	1	138	205	AEP	205	205	Base Case	0	8.2	-	4.02	0	0.01%	0.01%	0.00%	
2654	250142 08WARDSC 138 250157 08CORNTP 138 1	250142	08WARDSC	250157	08CORNTP	1	138	212	DEO&K	249	249	Base Case	0	10	-	4.02	0	0.02%	0.02%	0.03%	
2655	242518 05BROADF 500 360106 8SULLIVAN TN 500 1	242518	05BROADF	360106	8SULLIVAN TN	1	500	205/347	AEP/TVA	2119	2119	Base Case	0	-85	-	4.01	0	-1.29%	-1.29%	0.12%	
2656	240283 02LKSHQ3 138 240284 02LKSHQ4 138 1	240283	02LKSHQ3	240284	02LKSHQ4	1	138	202	ATSI	999	999	Base Case	0	-40	-	4.01	0	0.13%	0.13%	-0.01%	
2657	250068 08MPLKL1 138 250069 08MPLKL2 138 Z1	250068	08MPLKL1	250069	08MPLKL2	Z1	138	212	DEO&K	406	454	Base Case	0	16.3	-	4	0	-0.01%	-0.01%	0.00%	
2658	243676 05BELLF2 138 243699 05OXYGEN 138 1	243676	05BELLF2	243699	05OXYGEN	1	138	205	AEP	251	335	Base Case	0	10	-	3.98	0	0.00%	0.00%	0.00%	
2659	243273 05DARDEN 138 243370 05S.BEND1 138 1	243273	05DARDEN	243370	05S.BEND1	1	138	205	AEP	158	167	Base Case	0	6.2	-	3.92	0	-0.10%	-0.10%	-0.06%	
2660	243322 05KENZIE 138 244510 05BLOSSOM TR 138 1	243322	05KENZIE	244510	05BLOSSOM TR	1	138	205	AEP	136	167	Base Case	0	5.3	-	3.91	0	0.01%	0.01%	0.02%	
2661	238960 02MIDW K 138 238962 02MIDWAY 138 ZB	238960	02MIDW K	238962	02MIDWAY	ZB	138	202	ATSI	579	743	Base Case	0	-22.5	-	3.89	0	-0.02%	-0.02%	0.00%	
2662	243016 05HANTHR 138 243108 05STRLN1 138 1	243016	05HANTHR	243108	05STRLN1	1	138	205	AEP	185	185	Base Case	0	7.2	-	3.88	0	0.05%	0.05%	-0.05%	
2663	238855 02KH Q-1 138 238857 02KHTPQ1 138 1	238855	02KH Q-1	238857	02KHTPQ1	1	138	202	ATSI	355	434	Base Case	0	-13.7	-	3.87	0	0.00%	0.00%	0.00%	
2664	238558 02B+W AK 138 238581 02BRBRTN 138 1	238558	02B+W AK	238581	02BRBRTN	1	138	202	ATSI	66	66	Base Case	0	-2.5	-	3.86	0	0.00%	0.00%	0.00%	
2665	242585 05CAVE SPR1Z 138 242663 05HANCK1 138 1	242585	05CAVE SPR1Z	242663	05HANCK1	1	138	205	AEP	187	205	Base Case	0	7.2	-	3.85	0	0.05%	0.05%	0.36%	
2666	239070 02RICHLD 138 243029 05LCKWRD 138 1	239070	02RICHLD	243029	05LCKWRD	1	138	202/205	ATSI/AEP	216	223	Base Case	0	8.3	-	3.83	0	0.21%	0.21%	-0.07%	
2667	243137 05W.END FOS1 138 245422 05W.END FOS2 138 Z1	243137	05W.END FOS1	245422	05W.END FOS2	Z1	138	205	AEP	335	392	Base Case	0	-12.8	-	3.82	0	0.01%	0.01%	-0.09%	
2668	253025 09GIVENS 138 253044 09MECHAN 138 1	253025	09GIVENS	253044	09MECHAN	1	138	209	DAY	221	272	Base Case	0	-8.4	-	3.82	0	0.10%	0.10%	0.03%	
2669	243298 05GM-FTW 138 244489 05FOGWELL 138 3	243298	05GM-FTW	244489	05FOGWELL	3	138	205	AEP	226	226	Base Case	0	-8.6	-	3.82	0	0.00%	0.00%	0.00%	
2670	242627 05E.LYNC 138 242737 05OPOSSUMCK 138 1	242627	05E.LYNC	242737	05OPOSSUMCK	1	138	205	AEP	388	510	Base Case	0	14.8	-	3.81	0	0.01%	0.01%	-0.38%	
2671	243495 05DAVIDS 138 247873 05BRITTON 138 2	243495	05DAVIDS	247873	05BRITTON	2	138	205	AEP	296	398	Base Case	0	11.2	-	3.78	0	-0.01%	-0.01%	0.00%	
2672	243381 05SUMMIT 138 243389 05WALLEN 138 1	243381	05SUMMIT	243389	05WALLEN	1	138	205	AEP	251	335	Base Case	0	-9.5	-	3.78	0	0.00%	0.00%	-0.05%	
2673	242549 05BANSTR 138 314668 4BANISTR 138 Z1	242549	05BANSTR	314668	4BANISTR	Z1	138	205/345	AEP/DVP	219	255	Base Case	0	8.3	-	3.78	0	0.00%	0.00%	0.00%	
2674	243332 05LIQCAR 138 244143 05KUCHAR 138 1	243332	05LIQCAR	244143	05KUCHAR	1	138	205	AEP	251	335	Base Case	0	-9.5	-	3.77	0	0.00%	0.00%	0.00%	
2675	242581 05CARSWE 138 242582 05CARWLZ 138 1	242581	05CARSWE	242582	05CARWLZ	1	138	205	AEP	167	167	Base Case	0	-6.3	-	3.76	0	0.00%	0.00%	0.00%	
2676	243025 05JUNCTN 138 246021 05W.LANCAST2 138 1	243025	05JUNCTN	246021	05W.LANCAST2	1	138	205	AEP	167	167	Base Case	0	6.3	-	3.76	0	0.07%	0.07%	-0.03%	
2677	238529 02AIRPK+ 138 238623 02CLARK 138 1	238529	02AIRPK+	238623	02CLARK	1	138	202	ATSI	233	282	Base Case	0	-8.7	-	3.74	0	-0.07%	-0.07%	-0.02%	
2678	243116 05SUGARC 138 243135 05W DOVE 138 1	243116	05SUGARC	243135	05W DOVE	1	138	205	AEP	251	251	Base Case	0	-9.3	-	3.72	0	0.00%	0.00%	0.00%	
2679	239165 02WAUSEO 138 239347 02LEAR 138 1	239165	02WAUSEO	239347	02LEAR	1	138	202	ATSI	278	343	Base Case	0	10.3	-	3.71	0	-0.07%	-0.07%	0.00%	
2680	243048 05N WALD 138 244566 05LA RUE 138 1	243048	05N WALD	244566	05LA RUE	1	138	205	AEP	158	180	Base Case	0	-5.8	-	3.7	0	-0.09%	-0.09%	-0.05%	
2681	244198 05LEMASTER 138 247097 05LEMASTERT1 138 Z1	244198	05LEMASTER	247097	05LEMASTERT1	Z1	138	205	AEP	158	183	Base Case	0	5.8	-	3.69	0	0.00%	0.00%	0.00%	
2682	243138 05W.LIBERTYZ 138 246376 05W.LIBERTY 138 Z1	243138	05W.LIBERTYZ	246376	05W.LIBERTY	Z1	138	205	AEP	97	97	Base Case	0	3.6	-	3.69	0	0.00%	0.00%	0.00%	
2683	243330 05LINCOLN1 138 245832 05LINCOLN2 138 Z1	243330	05LINCOLN1	245832	05LINCOLN2	Z1	138	205	AEP	335	392	Base Case	0	12.3	-	3.69	0	0.02%	0.02%	0.02%	
2684	242566 05BROADF 138 242789 05SALTV2 138 1	242566	05BROADF	242789	05SALTV2	1	138	205	AEP	219	251	Base Case	0	-8.1	-	3.68	0	-0.14%	-0.14%	-0.23%	
2685	243318 05JACKSON RD 138 247147 05JACKSR T4 138 Z1	243318	05JACKSON RD	247147	05JACKSR T4	Z1	138	205	AEP	164	205	Base Case	0	6	-	3.65	0	0.00%	0.00%	0.00%	
2686	238752 02GF Q-1 138 238753 02GFQ-11 138 1	238752	02GF Q-1	238753	02GFQ-11	1	138	202	ATSI	278	287	Base Case	0	-10.1	-	3.65	0	0.00%	0.00%	0.00%	
2687	238752 02GF Q-1 138 238755 02GFQ-2 138 ZB	238752	02GF Q-1	238755	02GFQ-2	ZB	138	202	ATSI	278	287	Base Case	0	10.1	-	3.65	0	0.00%	0.00%	0.00%	
2688	239730 02REPARC 138 239739 02CROMWELL 138 1	239730	02REPARC	239739	02CROMWELL	1	138	202	ATSI	233	282	Base Case	0	-8.5	-	3.64	0	0.00%	0.00%	0.00%	
2689	243558 05RIO 138 243561 05RODNEY SS 138 1	243558	05RIO	243561	05RODNEY SS	1	138	205	AEP	150	212	Base Case	0	5.5	-	3.64	0	-0.01%	-0.01%	-0.02%	
2690	238922 02LTEQ12 138 239225 02STYDCO 138 1	238922	02LTEQ12	239225	02STYDCO	1	138	202	ATSI	425	522	Base Case	0	15.4	-	3.63	0	-0.02%	-0.02%	0.00%	
2691	239312 02NS-YORK 138 240842 02NFF 138 1	239312	02NS-YORK	240842	02NFF	1	138	202	ATSI	278	343	Base Case	0	-10	-	3.61	0	0.07%	0.07%	0.00%	
2692	242638 05FIELDALE1 138 242797 05SHEFLD 138 1	242638	05FIELDALE1	242797	05SHEFLD	1	138	205	AEP	158	167	Base Case	0	-5.7	-	3.61	0	0.01%	0.01%	0.46%	
2693	242677 05INDDRV 138 245220 05W.KINGSPT2 138 1	242677	05INDDRV	245220	05W.KINGSPT2	1	138	205	AEP	251	335	Base Case	0	-9	-	3.6	0	0.02%	0.02%	0.02%	
2694	238713 02FB Q-1 138 239049 02PV Q1 138 1	238713	02FB Q-1	239049	02PV Q1	1	138	202	ATSI	267	332	Base Case	0	-9.6	-	3.6	0	0.18%	0.18%	0.03%	
2695	253011 09CARGIL 138 253053 09NEEDMO 138 1	253011	09CARGIL	253053	09NEEDMO	1	138	209	DAY	196	241	Base Case	0	7	-	3.6	0	0.00%	0.00%	-0.01%	
2696	243878 05MEADOW 345 246974 05MLCS-1 345 Z1	243878	05MEADOW	246974	05MLCS-1	Z1	345	205	AEP	1286	1747	Base Case	0	-46.2	-	3.59	0	-0.03%	-0.03%	-0.03%	
2697	242659 05GRNGST 138 243669 05B SAND 138 1	242659	05GRNGST	243669	05B SAND	1	138	205	AEP	397	397	Base Case	0	-14.2	-	3.58	0	0.06%	0.06%	0.20%	
2698	238608 02CARLIL 138 238749 02GATES 138 1	238608	02CARLIL	238749	02GATES	1	138	202	ATSI	233	282	Base Case	0	8.3	-	3.58	0	0.05%	0.05%	0.02%	
2699	243292 05FALL C 138 249810 08NEWCAS 138 1	243292	05FALL C	249810	08NEWCAS	1	138	205/208	AEP/DEI	250	250	Base Case	0	-8.9	-	3.55	0	0.00%	0.00%	0.08%	
2700	239092 02SAMMIS 345 239368 02TORONTO 345 1	239092	02SAMMIS	239368	02TORONTO	1	345	202	ATSI	2504	2883	Base Case	0	88.7	-	3.54	0	-4.54%	-4.54%	-2.09%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2701	250063 08MHLTY1 138 250064 08MHLTY2 138 Z1	250063	08MHLTY1	250064	08MHLTY2	Z1	138	212	DEO&K	406	454	Base Case	0	-14.3	-	3.53	0	0.01%	0.01%	0.00%	
2702	238713 02FB Q-1 138 238739 02FWLSQ1 138 1	238713	02FB Q-1	238739	02FWLSQ1	1	138	202	ATSI	273	332	Base Case	0	9.6	-	3.52	0	0.18%	0.18%	0.03%	
2703	243325 05LANTRN 138 246318 05FUSON 138 1	243325	05LANTRN	246318	05FUSON	1	138	205	AEP	205	205	Base Case	0	7.2	-	3.51	0	-0.01%	-0.01%	0.00%	
2704	243048 05N WALD 138 243148 05WINDFL 138 1	243048	05N WALD	243148	05WINDFL	1	138	205	AEP	164	180	Base Case	0	-5.7	-	3.5	0	0.10%	0.10%	0.06%	
2705	245977 05GRISTMILL 345 253069 09SHELBY 345 1	245977	05GRISTMILL	253069	09SHELBY	1	345	205/209	AEP/DAY	1255	1374	Base Case	0	43.9	-	3.5	0	0.44%	0.44%	-0.26%	
2706	245264 05UTICA CAD 138 247461 05FREEBYRD 138 Z1	245264	05UTICA CAD	247461	05FREEBYRD	Z1	138	205	AEP	293	341	Base Case	0	-10.3	-	3.5	0	0.00%	0.00%	0.00%	
2707	245264 05UTICA CAD 138 247461 05FREEBYRD 138 Z3	245264	05UTICA CAD	247461	05FREEBYRD	Z3	138	205	AEP	293	341	Base Case	0	-10.3	-	3.5	0	0.00%	0.00%	0.00%	
2708	242510 05BAKER 765 242523 05BAKER 345 3	242510	05BAKER	242523	05BAKER	3	765/345	205	AEP	2512	2788	Base Case	0	-87.8	-	3.49	0	-0.34%	-0.34%	-0.68%	
2709	243298 05GM-FTW 138 244489 05FOGWELL 138 1	243298	05GM-FTW	244489	05FOGWELL	1	138	205	AEP	226	226	Base Case	0	-7.8	-	3.47	0	0.00%	0.00%	0.00%	
2710	242915 05STANVILLE2 138 244008 05STANVILLE1 138 Z1	242915	05STANVILLE2	244008	05STANVILLE1	Z1	138	205	AEP	548	601	Base Case	0	-19	-	3.46	0	-0.01%	-0.01%	-0.17%	
2711	238858 02KHTPQ3 138 238863 02KL Q-3 138 1	238858	02KHTPQ3	238863	02KL Q-3	1	138	202	ATSI	273	332	Base Case	0	9.4	-	3.46	0	0.00%	0.00%	0.00%	
2712	242997 05E.NEWCONCZ 138 245251 05E.NEWCONC 138 Z1	242997	05E.NEWCONCZ	245251	05E.NEWCONC	Z1	138	205	AEP	150	212	Base Case	0	5.2	-	3.45	0	0.00%	0.00%	0.00%	
2713	240214 02PENNANTTAP 138 240216 02PENNANT 138 1	240214	02PENNANTTAP	240216	02PENNANT	1	138	202	ATSI	160	192	Base Case	0	5.5	-	3.44	0	0.00%	0.00%	0.00%	
2714	243037 05MEIGS SS 138 244431 05MEIGS 8 138 Z1	243037	05MEIGS SS	244431	05MEIGS 8	Z1	138	205	AEP	95	95	Base Case	0	3.3	-	3.43	0	0.00%	0.00%	0.00%	
2715	243324 05LAFAY8 138 244183 05LAFAY C SS 138 Z1	243324	05LAFAY8	244183	05LAFAY C SS	Z1	138	205	AEP	251	335	Base Case	0	-8.6	-	3.41	0	0.00%	0.00%	0.00%	
2716	250105 08TDHNTR 138 250162 08GARVER 138 1	250105	08TDHNTR	250162	08GARVER	1	138	212	DEO&K	516	582	Base Case	0	17.5	-	3.4	0	-0.04%	-0.04%	-0.02%	
2717	243495 05DAVIDS 138 246603 05DAVID T1T2 138 Z2	243495	05DAVIDS	246603	05DAVID T1T2	Z2	138	205	AEP	670	747	Base Case	0	22.6	-	3.38	0	0.00%	0.00%	0.00%	
2718	250038 08GOLFMR 138 250118 08TRMNL2 138 1	250038	08GOLFMR	250118	08TRMNL2	1	138	212	DEO&K	299	299	Base Case	0	-10.1	-	3.37	0	-0.03%	-0.03%	-0.03%	
2719	238719 02FMCQ12 138 238725 02FMQ12H 138 1	238719	02FMCQ12	238725	02FMQ12H	1	138	202	ATSI	176	216	Base Case	0	5.9	-	3.36	0	0.00%	0.00%	0.00%	
2720	243253 05BLUFFP 138 247536 05BLUFF P WF 138 1	243253	05BLUFFP	247536	05BLUFF P WF	1	138	205	AEP	572	572	Base Case	0	-19.2	-	3.35	0	-0.01%	-0.01%	-0.01%	
2721	243471 05BETHEL 138 243495 05DAVIDS 138 1	243471	05BETHEL	243495	05DAVIDS	1	138	205	AEP	335	366	Base Case	0	11.2	-	3.35	0	0.02%	0.02%	0.01%	
2722	242935 05E LIMA 345 242936 05FOSTOR 345 1	242935	05E LIMA	242936	05FOSTOR	1	345	205	AEP	1025	1318	Base Case	0	-34.1	-	3.33	0	0.62%	0.62%	-0.62%	
2723	243002 05FAIRCR 138 243092 05SCANTO 138 1	243002	05FAIRCR	243092	05SCANTO	1	138	205	AEP	291	291	Base Case	0	9.7	-	3.33	0	0.16%	0.16%	-0.05%	
2724	247372 05MUSKNG1C 138 247374 05MUSKNG2B 138 ZA	247372	05MUSKNG1C	247374	05MUSKNG2B	ZA	138	205	AEP	747	747	Base Case	0	-24.8	-	3.32	0	-0.22%	-0.22%	-0.06%	
2725	242958 05BATTLE 138 246176 05TUNNEL R C 138 Z1	242958	05BATTLE	246176	05TUNNEL R C	Z1	138	205	AEP	205	205	Base Case	0	6.8	-	3.32	0	0.00%	0.00%	0.00%	
2726	243867 05FRCS34 345 246756 05FRCS-2 345 1	243867	05FRCS34	246756	05FRCS-2	1	345	205	AEP	1001	1631	Base Case	0	33.2	-	3.31	0	-0.02%	-0.02%	-0.02%	
2727	249991 08BUFTN1 138 250077 08MTZION 138 1	249991	08BUFTN1	250077	08MTZION	1	138	212	DEO&K	298	298	Base Case	0	9.9	-	3.31	0	0.01%	0.01%	-0.12%	
2728	243495 05DAVIDS 138 246603 05DAVID T1T2 138 Z1	243495	05DAVIDS	246603	05DAVID T1T2	Z1	138	205	AEP	685	747	Base Case	0	22.6	-	3.3	0	0.00%	0.00%	0.00%	
2729	238699 02ENQ-12 138 238719 02FMCQ12 138 1	238699	02ENQ-12	238719	02FMCQ12	1	138	202	ATSI	273	332	Base Case	0	8.9	-	3.28	0	-0.09%	-0.09%	0.00%	
2730	243483 05CRCLVS 138 243569 05SCIPPO 138 1	243483	05CRCLVS	243569	05SCIPPO	1	138	205	AEP	347	347	Base Case	0	-11.3	-	3.27	0	-0.02%	-0.02%	0.09%	
2731	243680 05CEDARC 138 245913 05KEWANEE 138 1	243680	05CEDARC	245913	05KEWANEE	1	138	205	AEP	296	378	Base Case	0	9.7	-	3.26	0	0.08%	0.08%	-0.08%	
2732	244024 05SUMAC 138 245552 05MIMOSA 138 Z5	244024	05SUMAC	245552	05MIMOSA	Z5	138	205	AEP	747	747	Base Case	0	24.4	-	3.26	0	0.00%	0.00%	0.00%	
2733	244024 05SUMAC 138 245552 05MIMOSA 138 Z4	244024	05SUMAC	245552	05MIMOSA	Z4	138	205	AEP	747	747	Base Case	0	24.4	-	3.26	0	0.00%	0.00%	0.00%	
2734	244024 05SUMAC 138 245552 05MIMOSA 138 Z8	244024	05SUMAC	245552	05MIMOSA	Z8	138	205	AEP	747	747	Base Case	0	24.4	-	3.26	0	0.00%	0.00%	0.00%	
2735	246383 05FOXGLOVE 138 246385 05JUGST 7-11 138 Z9	246383	05FOXGLOVE	246385	05JUGST 7-11	Z9	138	205	AEP	747	747	Base Case	0	-24.4	-	3.26	0	0.00%	0.00%	0.00%	
2736	244024 05SUMAC 138 245552 05MIMOSA 138 Z6	244024	05SUMAC	245552	05MIMOSA	Z6	138	205	AEP	747	747	Base Case	0	24.4	-	3.26	0	0.00%	0.00%	0.00%	
2737	246383 05FOXGLOVE 138 246385 05JUGST 7-11 138 Z8	246383	05FOXGLOVE	246385	05JUGST 7-11	Z8	138	205	AEP	747	747	Base Case	0	-24.4	-	3.26	0	0.00%	0.00%	0.00%	
2738	246383 05FOXGLOVE 138 246385 05JUGST 7-11 138 Z7	246383	05FOXGLOVE	246385	05JUGST 7-11	Z7	138	205	AEP	747	747	Base Case	0	-24.4	-	3.26	0	0.00%	0.00%	0.00%	
2739	244024 05SUMAC 138 245552 05MIMOSA 138 Z7	244024	05SUMAC	245552	05MIMOSA	Z7	138	205	AEP	747	747	Base Case	0	24.4	-	3.26	0	0.00%	0.00%	0.00%	
2740	246383 05FOXGLOVE 138 246385 05JUGST 7-11 138 Z6	246383	05FOXGLOVE	246385	05JUGST 7-11	Z6	138	205	AEP	747	747	Base Case	0	-24.4	-	3.26	0	0.00%	0.00%	0.00%	
2741	246383 05FOXGLOVE 138 246385 05JUGST 7-11 138 Z0	246383	05FOXGLOVE	246385	05JUGST 7-11	Z0	138	205	AEP	747	747	Base Case	0	-24.4	-	3.26	0	0.00%	0.00%	0.00%	
2742	245952 05DLAWAR1 138 245962 05DLAWAR3 138 Z1	245952	05DLAWAR1	245962	05DLAWAR3	Z1	138	205	AEP	670	747	Base Case	0	21.7	-	3.24	0	0.01%	0.01%	0.01%	
2743	243363 05REED 138 243384 05TRIER 138 1	243363	05REED	243384	05TRIER	1	138	205	AEP	219	251	Base Case	0	7	-	3.22	0	-0.07%	-0.07%	-0.05%	
2744	243330 05LINCOLN1 138 243366 05ROB PK12 138 1	243330	05LINCOLN1	243366	05ROB PK12	1	138	205	AEP	167	240	Base Case	0	-5.4	-	3.22	0	-0.06%	-0.06%	-0.04%	
2745	243388 05W SIDE 138 247828 05OLIVERPLOW 138 1	243388	05W SIDE	247828	05OLIVERPLOW	1	138	205	AEP	282	392	Base Case	0	-9	-	3.21	0	0.03%	0.03%	0.02%	
2746	250029 08FOSTER 138 250137 08OBANNV 138 1	250029	08FOSTER	250137	08OBANNV	1	138	212	DEO&K	291	291	Base Case	0	9.3	-	3.2	0	-0.03%	-0.03%	-0.03%	
2747	243496 05CONGRES SS 138 244267 05DEGUSSA 138 1	243496	05CONGRES SS	244267	05DEGUSSA	1	138	205	AEP	143	143	Base Case	0	4.6	-	3.19	0	0.00%	0.00%	0.00%	
2748	243243 05ANDCT 138 249700 08CADIZ 138 1	243243	05ANDCT	249700	08CADIZ	1	138	205/208	AEP/DEI	136	143	Base Case	0	4.3	-	3.18	0	-0.04%	-0.04%	-0.05%	
2749	246325 05NOTTINGH56 138 246327 05NOTTINGH78 138 Z6	246325	05NOTTINGH56	246327	05NOTTINGH78	Z6	138	205	AEP	747	747	Base Case	0	23.8	-	3.18	0	-0.16%	-0.16%	0.03%	
2750	246325 05NOTTINGH56 138 246327 05NOTTINGH78 138 Z5	246325	05NOTTINGH56	246327	05NOTTINGH78	Z5	138	205	AEP	747	747	Base Case	0	23.8	-	3.18	0	-0.16%	-0.16%	0.03%	
2751	245948 05MILLBR PK2 138 245949 05MLBRPK_ARG 138 ZE	245948	05MILLBR PK2	245949	05MLBRPK_ARG	ZE	138	205	AEP	240	296	Base Case	0	-7.6	-	3.17	0	0.04%	0.04%	0.04%	
2752	242710 05MARROB 138 246923 05NEWSOM 138 1	242710	05MARROB	246923	05NEWSOM	1	138	205	AEP	195	220	Base Case	0	-6.1	-	3.13	0	0.00%	0.00%	0.00%	
2753	243233 05TANNER 345 249565 08EBEND 345 1	243233	05TANNER	249565	08EBEND	1	345	205/212	AEP/DEO&K	1409	1409	Base Case	0	-43.9	-	3.11	0	-0.04%	-0.04%	-0.09%	
2754	243562 05ROSS 138 247148 05SBLMSS 138 1	243562	05ROSS	247148	05SBLMSS	1	138	205	AEP	296	361	Base Case	0	9.1	-	3.08	0	-0.07%	-0.07%	0.01%	
2755	242553 05BETH 138 242671 05HOPKIN 138 1	242553	05BETH	242671	05HOPKIN	1	138	205	AEP	195	220	Base Case	0	-6	-	3.08	0	0.00%	0.00%	0.00%	
2756	246754 05FOWLER 345 246755 05FRCS-1 345 1	246754	05FOWLER	246755	05FRCS-1	1	345	205	AEP	1001	1503	Base Case	0	-30.5	-	3.05	0	-0.02%	-0.02%	-0.02%	
2757	242624 05DICKEN 138 242793 05SEXTON 138 1	242624	05DICKEN	242793	05SEXTON	1	138	205	AEP	158	183	Base Case	0	-4.8	-	3.03	0	0.00%	0.00%	0.00%	
2758	243206 05DUMONT 765 243219 05DUMONT 345 3	243206	05DUMONT	243219	05DUMONT	3	765/345	205	AEP	1740	1868	Base Case	0	52.7	-	3.03	0	0.49%	0.49%	0.57%	
2759	238835 02JGSQ12 138 239225 02STYDCO 138 ZL	238835	02JGSQ12	239225	02STYDCO	ZL	138	202	ATSI	425	522	Base Case	0	-12.8	-	3.02	0	-0.02%	-0.02%	0.00%	
2760	243512 05DIAMONDISS 138 246827 05DIAMOND I 138 1	243512	05DIAMONDISS	246827	05DIAMOND I	1	138	205	AEP	227	306	Base Case	0	6.8	-	3	0	0.00%	0.00%	0.00%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2761	238775 02GXQ-14 138 238809 02HMLQ14 138 1	238775	02GXQ-14	238809	02HMLQ14	1	138	202	ATSI	176	229	Base Case	0	-5.3	-	2.98	0	0.15%	0.15%	0.02%	
2762	242979 05CANNELV SS 138 243888 05CANNELV8 138 Z1	242979	05CANNELV SS	243888	05CANNELV8	Z1	138	205	AEP	145	145	Base Case	0	4.3	-	2.96	0	0.00%	0.00%	0.00%	
2763	238954 02MCDOWL 138 239350 02CAMPBL 138 1	238954	02MCDOWL	239350	02CAMPBL	1	138	202	ATSI	278	339	Base Case	0	-8.2	-	2.95	0	0.61%	0.61%	0.00%	
2764	242761 05RAGLDZ 138 242810 05SPRIG2 138 1	242761	05RAGLDZ	242810	05SPRIG2	1	138	205	AEP	167	167	Base Case	0	-4.9	-	2.95	0	-0.06%	-0.06%	-0.04%	
2765	250087 08QUNGT1 138 250124 08WENDEA 138 1	250087	08QUNGT1	250124	08WENDEA	1	138	212	DEO&K	268	268	Base Case	0	-7.9	-	2.95	0	0.01%	0.01%	0.02%	
2766	239077 02RVERBD 138 239166 02WCKLIF 138 1	239077	02RVERBD	239166	02WCKLIF	1	138	202	ATSI	223	223	Base Case	0	6.6	-	2.94	0	-0.09%	-0.09%	-0.03%	
2767	243295 05GARRETT N 138 246769 05MINERR 138 1	243295	05GARRETT N	246769	05MINERR	1	138	205	AEP	251	335	Base Case	0	7.4	-	2.94	0	0.05%	0.05%	0.03%	
2768	243562 05ROSS 138 243570 05CLAYBN 138 1	243562	05ROSS	243570	05CLAYBN	1	138	205	AEP	323	449	Base Case	0	9.5	-	2.94	0	0.00%	0.00%	0.05%	
2769	242650 05GLENL1 138 242651 05GLENL2 138 Z1	242650	05GLENL1	242651	05GLENL2	Z1	138	205	AEP	285	368	Base Case	0	8.3	-	2.93	0	0.01%	0.01%	-0.17%	
2770	242508 05AMOS 765 242516 05MOUNTN 765 1	242508	05AMOS	242516	05MOUNTN	1	765	205	AEP	4047	4571	Base Case	0	118.5	-	2.93	0	-1.98%	-1.98%	3.43%	
2771	242705 05LOGAN2 138 242735 05NPOINT 138 1	242705	05LOGAN2	242735	05NPOINT	1	138	205	AEP	389	559	Base Case	0	11.3	-	2.89	0	0.02%	0.02%	0.31%	
2772	239113 02SP Q-2 138 239212 02AUSTQ2 138 1	239113	02SP Q-2	239212	02AUSTQ2	1	138	202	ATSI	148	151	Base Case	0	4.3	-	2.89	0	-0.18%	-0.19%	0.04%	
2773	241928 02AVQ2 138 241929 02AVQ3 138 1	241928	02AVQ2	241929	02AVQ3	1	138	202	ATSI	999	999	Base Case	0	-28.7	-	2.88	0	-0.09%	-0.09%	0.00%	
2774	239127 02STRYKE 138 239351 02EASTFAYT 138 1	239127	02STRYKE	239351	02EASTFAYT	1	138	202	ATSI	216	262	Base Case	0	6.2	-	2.85	0	-0.04%	-0.04%	0.00%	
2775	245555 05MARKWEST 138 247156 05STEAMT 138 Z2	245555	05MARKWEST	247156	05STEAMT	Z2	138	205	AEP	747	747	Base Case	0	-21.3	-	2.84	0	0.00%	0.00%	0.00%	
2776	245555 05MARKWEST 138 247156 05STEAMT 138 Z3	245555	05MARKWEST	247156	05STEAMT	Z3	138	205	AEP	747	747	Base Case	0	-21.3	-	2.84	0	0.00%	0.00%	0.00%	
2777	245555 05MARKWEST 138 247156 05STEAMT 138 Z4	245555	05MARKWEST	247156	05STEAMT	Z4	138	205	AEP	747	747	Base Case	0	-21.3	-	2.84	0	0.00%	0.00%	0.00%	
2778	245555 05MARKWEST 138 247156 05STEAMT 138 Z1	245555	05MARKWEST	247156	05STEAMT	Z1	138	205	AEP	747	747	Base Case	0	-21.3	-	2.84	0	0.00%	0.00%	0.00%	
2779	238941 02MANSFD 345 240069 02LORDSTOWN 345 1	238941	02MANSFD	240069	02LORDSTOWN	1	345	202	ATSI	1380	1646	Base Case	0	39	-	2.83	0	0.16%	0.16%	0.10%	
2780	243574 05SUNBURY SS 138 247291 05SUNBURY8 138 Z1	243574	05SUNBURY SS	247291	05SUNBURY8	Z1	138	205	AEP	223	223	Base Case	0	6.3	-	2.83	0	0.00%	0.00%	0.00%	
2781	238830 02IWQ-16 138 239210 02IOQ-16 138 1	238830	02IWQ-16	239210	02IOQ-16	1	138	202	ATSI	273	332	Base Case	0	7.7	-	2.82	0	0.02%	0.02%	0.00%	
2782	250042 08HANDS1 138 250043 08HANDS2 138 Z1	250042	08HANDS1	250043	08HANDS2	Z1	138	212	DEO&K	406	454	Base Case	0	-11.4	-	2.82	0	0.02%	0.02%	0.07%	
2783	238771 02GTQ-11 138 238792 02HDGQ11 138 1	238771	02GTQ-11	238792	02HDGQ11	1	138	202	ATSI	273	332	Base Case	0	-7.7	-	2.81	0	0.06%	0.06%	-0.02%	
2784	246913 05JONES 138 247116 05ALADDIN 138 1	246913	05JONES	247116	05ALADDIN	1	138	205	AEP	205	284	Base Case	0	-5.7	-	2.8	0	-0.02%	-0.02%	-0.01%	
2785	242666 05HAZELH 138 242679 05INGSTR 138 1	242666	05HAZELH	242679	05INGSTR	1	138	205	AEP	251	325	Base Case	0	7	-	2.78	0	0.00%	0.00%	0.00%	
2786	243287 05E.ELKHART 138 243351 05NORTHL 138 1	243287	05E.ELKHART	243351	05NORTHL	1	138	205	AEP	205	284	Base Case	0	5.7	-	2.78	0	0.04%	0.04%	0.02%	
2787	238881 02LTFQ16 138 239210 02IOQ-16 138 1	238881	02LTFQ16	239210	02IOQ-16	1	138	202	ATSI	273	332	Base Case	0	-7.5	-	2.75	0	0.02%	0.02%	0.00%	
2788	238957 02MFLDQ2 138 239020 02NW Q-2 138 1	238957	02MFLDQ2	239020	02NW Q-2	1	138	202	ATSI	176	229	Base Case	0	-4.8	-	2.73	0	-0.15%	-0.15%	0.04%	
2789	242519 05CLOVRD 500 314912 8LEXNGTN 500 1	242519	05CLOVRD	314912	8LEXNGTN	1	500	205/345	AEP/DVP	3610	3610	Base Case	0	-97.1	-	2.69	0	5.58%	5.58%	4.36%	
2790	250035 08FTRM11 138 250029 08FOSTER 138 1	250035	08FTRM11	250029	08FOSTER	1	138	212	DEO&K	9999	9999	Base Case	0	268.8	-	2.69	0	0.06%	0.06%	0.01%	
2791	242808 05SPORNS 138 246954 05YELLWB 138 2	242808	05SPORNS	246954	05YELLWB	2	138	205	AEP	257	257	Base Case	0	6.9	-	2.68	0	0.00%	0.00%	0.00%	
2792	246948 05POLYSS 138 246954 05YELLWB 138 1	246948	05POLYSS	246954	05YELLWB	1	138	205	AEP	257	257	Base Case	0	-6.9	-	2.68	0	0.00%	0.00%	0.00%	
2793	243493 05CRVERD 138 246633 05ZEIGLER8 138 Z1	243493	05CRVERD	246633	05ZEIGLER8	Z1	138	205	AEP	200	200	Base Case	0	5.4	-	2.68	0	0.00%	0.00%	0.00%	
2794	238695 02ELW+ 138 239958 02ELW.QS2 138 1	238695	02ELW+	239958	02ELW.QS2	1	138	202	ATSI	160	192	Base Case	0	4.3	-	2.68	0	0.00%	0.00%	0.00%	
2795	250107 08TODM15 138 250105 08TDHNTR 138 1	250107	08TODM15	250105	08TDHNTR	1	138	212	DEO&K	9999	9999	Base Case	0	266.7	-	2.67	0	-0.03%	-0.03%	-0.04%	
2796	243147 05WILDCRK SS 138 244645 05WILDCRK 8 138 Z1	243147	05WILDCRK SS	244645	05WILDCRK 8	Z1	138	205	AEP	185	257	Base Case	0	4.9	-	2.66	0	0.00%	0.00%	0.00%	
2797	242808 05SPORNS 138 246948 05POLYSS 138 4	242808	05SPORNS	246948	05POLYSS	4	138	205	AEP	257	257	Base Case	0	6.8	-	2.65	0	0.00%	0.00%	0.00%	
2798	243497 05DELANO 138 243562 05ROSS 138 2	243497	05DELANO	243562	05ROSS	2	138	205	AEP	323	449	Base Case	0	-8.5	-	2.62	0	0.00%	0.00%	0.05%	
2799	250001 08COLINV 138 250144 08HUSTRC 138 1	250001	08COLINV	250144	08HUSTRC	1	138	212	DEO&K	178	178	Base Case	0	4.6	-	2.56	0	-0.06%	-0.06%	-0.06%	
2800	242642 05FRANKLIN 138 242643 05FRANK5 138 Z1	242642	05FRANKLIN	242643	05FRANK5	Z1	138	205	AEP	329	361	Base Case	0	-8.4	-	2.54	0	0.04%	0.04%	-0.19%	
2801	247700 05YAGER 138 247702 05AZALEA 138 1	247700	05YAGER	247702	05AZALEA	1	138	205	AEP	296	413	Base Case	0	7.5	-	2.54	0	0.00%	0.00%	0.00%	
2802	250108 08TODM16 138 250105 08TDHNTR 138 1	250108	08TODM16	250105	08TDHNTR	1	138	212	DEO&K	9999	9999	Base Case	0	253.6	-	2.54	0	-0.03%	-0.03%	-0.04%	
2803	238850 02JUNIPE 345 239358 02GLENWILLOW 345 1	238850	02JUNIPE	239358	02GLENWILLOW	1	345	202	ATSI	1370	1720	Base Case	0	-34.7	-	2.53	0	1.37%	1.37%	-0.41%	
2804	250109 08TODM17 138 250105 08TDHNTR 138 1	250109	08TODM17	250105	08TDHNTR	1	138	212	DEO&K	9999	9999	Base Case	0	253.3	-	2.53	0	-0.03%	-0.03%	-0.04%	
2805	242809 05SPRIG1 138 242810 05SPRIG2 138 Z1	242809	05SPRIG1	242810	05SPRIG2	Z1	138	205	AEP	296	296	Base Case	0	-7.3	-	2.48	0	0.02%	0.02%	-0.04%	
2806	248013 06PIERCE 345 249564 08BUFTN1 345 1	248013	06PIERCE	249564	08BUFTN1	1	345	206/212	OVEC/DEO&K	971	971	Base Case	0	23.9	-	2.47	0	0.32%	0.32%	0.06%	
2807	242660 05H.RIDG 138 244192 05BALLS GAP 138 1	242660	05H.RIDG	244192	05BALLS GAP	1	138	205	AEP	167	167	Base Case	0	-4.1	-	2.46	0	0.06%	0.06%	0.02%	
2808	243223 05JACKSON RD 345 243234 05TWIN B 345 1	243223	05JACKSON RD	243234	05TWIN B	1	345	205	AEP	971	971	Base Case	0	-23.9	-	2.46	0	0.07%	0.07%	0.08%	
2809	242647 05G.BRAN 138 242751 05PIGEON 138 1	242647	05G.BRAN	242751	05PIGEON	1	138	205	AEP	287	334	Base Case	0	-7	-	2.44	0	0.00%	0.00%	0.00%	
2810	242535 05ALUMRG 138 242610 05CLYTR3 138 1	242535	05ALUMRG	242610	05CLYTR3	1	138	205	AEP	180	227	Base Case	0	-4.4	-	2.43	0	-0.05%	-0.05%	-0.60%	
2811	238990 02NB Q18 138 240351 02IV-NB+18 138 ZL	238990	02NB Q18	240351	02IV-NB+18	ZL	138	202	ATSI	260	309	Base Case	0	-6.3	-	2.42	0	0.00%	0.00%	0.00%	
2812	238740 02FWLSQ2 138 239050 02PV Q2 138 1	238740	02FWLSQ2	239050	02PV Q2	1	138	202	ATSI	103	132	Base Case	0	-2.5	-	2.41	0	0.25%	0.26%	0.02%	
2813	238596 02IXQ-1 138 238598 02CADQ18 138 1	238596	02IXQ-1	238598	02CADQ18	1	138	202	ATSI	273	332	Base Case	0	-6.6	-	2.41	0	0.00%	0.00%	0.00%	
2814	238716 02FIRSTN 138 239144 02URBAN 138 1	238716	02FIRSTN	239144	02URBAN	1	138	202	ATSI	233	249	Base Case	0	5.6	-	2.4	0	0.06%	0.06%	0.06%	
2815	243455 05CONES 345 243458 05HYATT 345 1	243455	05CONES	243458	05HYATT	1	345	205	AEP	1217	1245	Base Case	0	29.1	-	2.39	0	0.28%	0.28%	-0.02%	
2816	242569 05BRUSHT 138 243945 05LYNBROOK 138 1	242569	05BRUSHT	243945	05LYNBROOK	1	138	205	AEP	548	590	Base Case	0	13.1	-	2.39	0	0.01%	0.01%	0.44%	
2817	238845 02JONSON 138 239275 02FLDSTN 138 1	238845	02JONSON	239275	02FLDSTN	1	138	202	ATSI	233	282	Base Case	0	5.5	-	2.38	0	-0.04%	-0.04%	-0.02%	
2818	238508 02EBER 138 238897 02LIQAIR 138 1	238508	02EBER	238897	02LIQAIR	1	138	202	ATSI	278	343	Base Case	0	6.6	-	2.36	0	0.00%	0.00%	0.00%	
2819	243206 05DUMONT 765 243219 05DUMONT 345 2	243206	05DUMONT	243219	05DUMONT	2	765/345	205	AEP	2250	2250	Base Case	0	53	-	2.36	0	0.49%	0.49%	0.57%	
2820	240281 02LKSHQ1 138 240282 02LKSHQ2 138 1	240281	02LKSHQ1	240282	02LKSHQ2	1	138	202	ATSI	999	999	Base Case	0	-23.5	-	2.35	0	-0.01%	-0.01%	-0.01%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2821	238720 02FMCQ13 138 238741 02FWLSQ3 138 1	238720	02FMCQ13	238741	02FWLSQ3	1	138	202	ATSI	267	332	Base Case	0	-6.3	-	2.35	0	-0.10%	-0.10%	-0.01%	
2822	244198 05LEMASTER 138 247148 05SBLMSS 138 1	244198	05LEMASTER	247148	05SBLMSS	1	138	205	AEP	296	361	Base Case	0	-6.9	-	2.34	0	-0.07%	-0.07%	0.01%	
2823	242995 05EASTOW 138 243136 05W LIMA 138 1	242995	05EASTOW	243136	05W LIMA	1	138	205	AEP	205	255	Base Case	0	4.8	-	2.34	0	0.01%	0.01%	-0.06%	
2824	247700 05YAGER 138 247703 05LEESVILLE 138 1	247700	05YAGER	247703	05LEESVILLE	1	138	205	AEP	296	413	Base Case	0	6.9	-	2.33	0	0.00%	0.00%	0.00%	
2825	238714 02FB Q-3 138 238762 02GR Q-3 138 1	238714	02FB Q-3	238762	02GR Q-3	1	138	202	ATSI	273	332	Base Case	0	-6.4	-	2.33	0	0.18%	0.18%	0.01%	
2826	243037 05MEIGS SS 138 244439 05MEIGS SW2Z 138 1	243037	05MEIGS SS	244439	05MEIGS SW2Z	1	138	205	AEP	140	140	Base Case	0	-3.3	-	2.33	0	0.00%	0.00%	0.00%	
2827	243357 05PENDLETON1 138 246656 05PENDLETON2 138 Z1	243357	05PENDLETON1	246656	05PENDLETON2	Z1	138	205	AEP	219	255	Base Case	0	5	-	2.3	0	0.03%	0.03%	0.03%	
2828	238979 02NAPMUN 138 239127 02STRYKE 138 1	238979	02NAPMUN	239127	02STRYKE	1	138	202	ATSI	153	181	Base Case	0	-3.5	-	2.3	0	-0.08%	-0.08%	-0.01%	
2829	243077 05PROMWY 138 243142 05WAYVIE 138 1	243077	05PROMWY	243142	05WAYVIE	1	138	205	AEP	251	335	Base Case	0	-5.7	-	2.27	0	0.02%	0.02%	0.01%	
2830	245822 05LIGONIER1 138 247433 05CHARGER 138 1	245822	05LIGONIER1	247433	05CHARGER	1	138	205	AEP	158	183	Base Case	0	-3.6	-	2.27	0	0.00%	0.00%	0.00%	
2831	242561 05BOONSBORO 138 242765 05REUSENS1 138 1	242561	05BOONSBORO	242765	05REUSENS1	1	138	205	AEP	167	240	Base Case	0	-3.8	-	2.26	0	0.01%	0.01%	-0.51%	
2832	243296 05GASTON 138 243343 05MISSIS 138 1	243296	05GASTON	243343	05MISSIS	1	138	205	AEP	257	360	Base Case	0	-5.8	-	2.26	0	-0.05%	-0.05%	-0.04%	
2833	243057 05NEW LIBR1 138 245905 05NEW LIBR2 138 Z1	243057	05NEW LIBR1	245905	05NEW LIBR2	Z1	138	205	AEP	187	240	Base Case	0	-4.2	-	2.26	0	-0.08%	-0.08%	0.06%	
2834	253026 09GREENE 138 253083 09TREBEI 138 1	253026	09GREENE	253083	09TREBEI	1	138	209	DAY	301	373	Base Case	0	6.8	-	2.26	0	-0.04%	-0.04%	-0.02%	
2835	239078 02RYAN 138 239100 02SEVILL 138 1	239078	02RYAN	239100	02SEVILL	1	138	202	ATSI	233	282	Base Case	0	-5.3	-	2.26	0	0.05%	0.05%	0.04%	
2836	243294 05FLWRFD8 SS 138 246565 05FLWRFD8 138 Z1	243294	05FLWRFD8 SS	246565	05FLWRFD8	Z1	138	205	AEP	195	220	Base Case	0	4.4	-	2.26	0	0.00%	0.00%	0.00%	
2837	238777 02HAMIL+ 138 238778 02HAMILT 138 1	238777	02HAMIL+	238778	02HAMILT	1	138	202	ATSI	195	195	Base Case	0	4.4	-	2.25	0	0.00%	0.00%	0.00%	
2838	242608 05CLYTR1 138 242791 05SCHRIS 138 1	242608	05CLYTR1	242791	05SCHRIS	1	138	205	AEP	164	167	Base Case	0	-3.7	-	2.25	0	0.13%	0.13%	0.10%	
2839	243036 05MEIG 2 138 244439 05MEIGS SW2Z 138 1	243036	05MEIG 2	244439	05MEIGS SW2Z	1	138	205	AEP	158	183	Base Case	0	-3.5	-	2.23	0	0.00%	0.00%	0.00%	
2840	238698 02ENQ-11 138 238806 02HMLQ11 138 1	238698	02ENQ-11	238806	02HMLQ11	1	138	202	ATSI	273	332	Base Case	0	6.1	-	2.22	0	-0.19%	-0.19%	-0.02%	
2841	247008 05CLARKB 138 247009 05KEYSTO 138 Z1	247008	05CLARKB	247009	05KEYSTO	Z1	138	205	AEP	383	449	Base Case	0	8.5	-	2.22	0	0.00%	0.00%	0.00%	
2842	238530 02ALLEN 345 238961 02MIDWAY 345 1	238530	02ALLEN	238961	02MIDWAY	1	345	202	ATSI	1364	1627	Base Case	0	-30.1	-	2.21	0	0.37%	0.37%	0.09%	
2843	242587 05CELAN 138 242731 05NBLACK 138 1	242587	05CELAN	242731	05NBLACK	1	138	205	AEP	205	205	Base Case	0	-4.5	-	2.19	0	0.11%	0.11%	0.25%	
2844	240282 02LKSHQ2 138 240283 02LKSHQ3 138 1	240282	02LKSHQ2	240283	02LKSHQ3	1	138	202	ATSI	999	999	Base Case	0	-21.9	-	2.19	0	0.14%	0.14%	0.01%	
2845	246779 05S.ABINGDN2 138 247819 05S.ABINGDN1 138 Z1	246779	05S.ABINGDN2	247819	05S.ABINGDN1	Z1	138	205	AEP	747	747	Base Case	0	16.2	-	2.17	0	0.00%	0.00%	-0.14%	
2846	238665 02DS Q-1 138 238666 02DS Q-3 138 ZB	238665	02DS Q-1	238666	02DS Q-3	ZB	138	202	ATSI	999	999	Base Case	0	21.6	-	2.16	0	-0.03%	-0.03%	0.00%	
2847	243792 05LOSANTVILL 345 243793 05HEADWTR CS 345 1	243792	05LOSANTVILL	243793	05HEADWTR CS	1	345	205	AEP	961	961	Base Case	0	-20.7	-	2.16	0	-0.01%	-0.01%	-0.01%	
2848	242540 05APPLE1 138 242541 05APPLE2 138 Z1	242540	05APPLE1	242541	05APPLE2	Z1	138	205	AEP	219	255	Base Case	0	4.7	-	2.15	0	-0.03%	-0.03%	0.05%	
2849	238742 02FWLSQ4 138 238763 02GR Q-4 138 1	238742	02FWLSQ4	238763	02GR Q-4	1	138	202	ATSI	148	151	Base Case	0	3.1	-	2.13	0	-0.24%	-0.24%	-0.03%	
2850	243322 05KENZIE 138 243376 05SODUS 138 1	243322	05KENZIE	243376	05SODUS	1	138	205	AEP	296	361	Base Case	0	6.3	-	2.12	0	0.02%	0.02%	0.02%	
2851	246060 05HICKRY CK2 138 246994 05RICKMN 138 1	246060	05HICKRY CK2	246994	05RICKMN	1	138	205	AEP	187	202	Base Case	0	3.9	-	2.11	0	0.06%	0.06%	0.02%	
2852	243077 05PROMWY 138 243134 05W.CANTON1 138 1	243077	05PROMWY	243134	05W.CANTON1	1	138	205	AEP	219	255	Base Case	0	-4.5	-	2.07	0	-0.02%	-0.02%	-0.01%	
2853	238596 02IXQ-1 138 240249 02CHIAQ-1 138 1	238596	02IXQ-1	240249	02CHIAQ-1	1	138	202	ATSI	273	332	Base Case	0	5.6	-	2.05	0	0.00%	0.00%	0.00%	
2854	239053 02PVMQ15 138 239331 02NASHRING 138 1	239053	02PVMQ15	239331	02NASHRING	1	138	202	ATSI	273	332	Base Case	0	5.6	-	2.04	0	0.08%	0.08%	-0.02%	
2855	246974 05MLCS-1 345 246977 05MLCS45 345 1	246974	05MLCS-1	246977	05MLCS45	1	345	205	AEP	1286	1800	Base Case	0	-25.5	-	1.99	0	-0.02%	-0.02%	-0.02%	
2856	243478 05BRKSHR 138 243574 05SUNBURY SS 138 1	243478	05BRKSHR	243574	05SUNBURY SS	1	138	205	AEP	329	361	Base Case	0	-6.5	-	1.98	0	0.04%	0.04%	-0.01%	
2857	242541 05APPLE2 138 243040 05MERCERVL Z 138 1	242541	05APPLE2	243040	05MERCERVL Z	1	138	205	AEP	167	167	Base Case	0	-3.3	-	1.97	0	0.03%	0.03%	-0.05%	
2858	243313 05HUNT J 138 243377 05SORENS 138 1	243313	05HUNT J	243377	05SORENS	1	138	205	AEP	257	314	Base Case	0	-5	-	1.96	0	0.09%	0.09%	-0.04%	
2859	243081 05RISGSN 138 244341 05SOFTAIL SS 138 1	243081	05RISGSN	244341	05SOFTAIL SS	1	138	205	AEP	145	145	Base Case	0	-2.8	-	1.96	0	0.00%	0.00%	0.00%	
2860	242973 05BUCKH8 138 247253 05BUCKSS 138 1	242973	05BUCKH8	247253	05BUCKSS	1	138	205	AEP	150	212	Base Case	0	-2.9	-	1.96	0	0.00%	0.00%	0.00%	
2861	253025 09GIVENS 138 253085 09URBANA 138 1	253025	09GIVENS	253085	09URBANA	1	138	209	DAY	201	220	Base Case	0	3.9	-	1.95	0	0.10%	0.10%	0.03%	
2862	243465 05ADDISO 138 243561 05RODNEY SS 138 1	243465	05ADDISO	243561	05RODNEY SS	1	138	205	AEP	145	145	Base Case	0	-2.8	-	1.94	0	-0.01%	-0.01%	-0.02%	
2863	242649 05GARRSN 138 242689 05KANAWHA1 138 1	242649	05GARRSN	242689	05KANAWHA1	1	138	205	AEP	219	223	Base Case	0	-4.2	-	1.93	0	0.03%	0.03%	-0.16%	
2864	239347 02LEAR 138 239348 02WORTHST 138 1	239347	02LEAR	239348	02WORTHST	1	138	202	ATSI	278	343	Base Case	0	5.4	-	1.93	0	-0.07%	-0.07%	0.00%	
2865	244187 05STINK RUN 138 244275 05WALHON MTR 138 Z1	244187	05STINK RUN	244275	05WALHON MTR	Z1	138	205	AEP	205	284	Base Case	0	4	-	1.93	0	0.00%	0.00%	0.00%	
2866	243545 05MILTON SS 138 246747 05MILTON8 138 Z1	243545	05MILTON SS	246747	05MILTON8	Z1	138	205	AEP	200	246	Base Case	0	3.8	-	1.91	0	0.00%	0.00%	0.00%	
2867	242962 05BLDBGZ 138 247302 05BLDBG8 138 Z1	242962	05BLDBGZ	247302	05BLDBG8	Z1	138	205	AEP	140	140	Base Case	0	2.6	-	1.89	0	0.00%	0.00%	0.00%	
2868	243253 05BLUFFP 138 243319 05JAY 138 1	243253	05BLUFFP	243319	05JAY	1	138	205	AEP	257	359	Base Case	0	4.8	-	1.89	0	0.00%	0.00%	0.02%	
2869	238696 02ELWOD+ 138 238697 02ELWOOD 138 1	238696	02ELWOD+	238697	02ELWOOD	1	138	202	ATSI	164	206	Base Case	0	3.1	-	1.88	0	0.00%	0.00%	0.00%	
2870	243878 05MEADOW 345 246975 05MLCS23 345 1	243878	05MEADOW	246975	05MLCS23	1	345	205	AEP	1286	1800	Base Case	0	-24	-	1.87	0	-0.02%	-0.02%	-0.02%	
2871	242951 05ADDISONZ 138 244938 05ADDISON8 138 Z1	242951	05ADDISONZ	244938	05ADDISON8	Z1	138	205	AEP	205	205	Base Case	0	3.8	-	1.84	0	0.00%	0.00%	0.00%	
2872	242508 05AMOS 765 242929 05NPROCT 765 1	242508	05AMOS	242929	05NPROCT	1	765	205	AEP	5138	5138	Base Case	0	94.3	-	1.84	0	2.35%	2.35%	1.21%	
2873	243561 05RODNEY SS 138 246778 05RODNEY8 138 Z1	243561	05RODNEY SS	246778	05RODNEY8	Z1	138	205	AEP	145	177	Base Case	0	2.6	-	1.82	0	0.00%	0.00%	0.00%	
2874	246927 05SAND H 138 247002 05WAYMSS 138 1	246927	05SAND H	247002	05WAYMSS	1	138	205	AEP	205	255	Base Case	0	-3.7	-	1.81	0	-0.12%	-0.12%	0.05%	
2875	243532 05KIRK 138 244871 05RIDGELY 138 1	243532	05KIRK	244871	05RIDGELY	1	138	205	AEP	292	328	Base Case	0	5.3	-	1.81	0	-0.08%	-0.08%	0.04%	
2876	243154 05WNDSR8 138 247277 05WNDSRZ 138 1	243154	05WNDSR8	247277	05WNDSRZ	1	138	205	AEP	205	205	Base Case	0	-3.7	-	1.81	0	0.00%	0.00%	0.00%	
2877	243102 05SINK SP8SS 138 244942 05SINK SP8 138 Z1	243102	05SINK SP8SS	244942	05SINK SP8	Z1	138	205	AEP	185	249	Base Case	0	3.3	-	1.8	0	0.00%	0.00%	0.00%	
2878	250036 08GLNVW1 138 250117 08TRMNL1 138 1	250036	08GLNVW1	250117	08TRMNL1	1	138	212	DEO&K	268	268	Base Case	0	-4.8	-	1.78	0	0.03%	0.03%	-0.01%	
2879	243040 05MERCERVL Z 138 244944 05MERCERVL8 138 Z1	243040	05MERCERVL Z	244944	05MERCERVL8	Z1	138	205	AEP	200	200	Base Case	0	3.5	-	1.77	0	0.00%	0.00%	0.00%	
2880	238547 02AT 345 239036 02PERRY 345 1	238547	02AT	239036	02PERRY	1	345	202	ATSI	1534	1891	Base Case	0	-26.9	-	1.75	0	-3.28%	-3.28%	0.47%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2881	250132 08WLDER1 138 250133 08WLDER2 138 Z1	250132	08WLDER1	250133	08WLDER2	Z1	138	212	DEO&K	468	468	Base Case	0	-8.1	-	1.73	0	-0.03%	-0.03%	-0.02%	
2882	243520 05HARGUS 138 243569 05SCIPPO 138 1	243520	05HARGUS	243569	05SCIPPO	1	138	205	AEP	223	223	Base Case	0	-3.8	-	1.72	0	0.00%	0.00%	0.00%	
2883	238960 02MIDW K 138 239163 02WATERV 138 1	238960	02MIDW K	239163	02WATERV	1	138	202	ATSI	308	376	Base Case	0	5.3	-	1.71	0	-0.05%	-0.05%	-0.01%	
2884	242938 05MARQUI 345 253077 09STUART 345 1	242938	05MARQUI	253077	09STUART	1	345	205/209	AEP/DAY	1233	1372	Base Case	0	-21	-	1.71	0	-1.19%	-1.19%	-1.13%	
2885	250054 08LONGBR 138 250077 08MTZION 138 1	250054	08LONGBR	250077	08MTZION	1	138	212	DEO&K	254	284	Base Case	0	4.3	-	1.7	0	-0.01%	-0.01%	0.12%	
2886	242821 05SUNDL2 138 242828 05TENMIL 138 1	242821	05SUNDL2	242828	05TENMIL	1	138	205	AEP	219	223	Base Case	0	-3.7	-	1.69	0	0.03%	0.03%	-0.15%	
2887	243336 05MANORZ 138 246401 05INDALEXL 138 1	243336	05MANORZ	246401	05INDALEXL	1	138	205	AEP	180	220	Base Case	0	3	-	1.69	0	0.00%	0.00%	0.00%	
2888	250073 08MTCHL3 138 250110 08CENTRL 138 1	250073	08MTCHL3	250110	08CENTRL	1	138	212	DEO&K	264	264	Base Case	0	4.4	-	1.68	0	-0.03%	-0.03%	-0.02%	
2889	242785 05S.LYNC 138 243944 05GEORGE ST 138 1	242785	05S.LYNC	243944	05GEORGE ST	1	138	205	AEP	287	337	Base Case	0	4.8	-	1.67	0	-0.01%	-0.01%	-0.44%	
2890	246929 05MADDOX 345 246930 05BLUECK 345 Z1	246929	05MADDOX	246930	05BLUECK	Z1	345	205	AEP	2365	2826	Base Case	0	-39.3	-	1.66	0	-0.03%	-0.03%	-0.03%	
2891	249994 08CHRLES 138 250126 08WENDWE 138 1	249994	08CHRLES	250126	08WENDWE	1	138	212	DEO&K	234	244	Base Case	0	3.8	-	1.64	0	-0.02%	-0.02%	-0.04%	
2892	242972 05BLOOMFD SS 138 245384 05BETHEL CH8 138 Z1	242972	05BLOOMFD SS	245384	05BETHEL CH8	Z1	138	205	AEP	140	140	Base Case	0	2.3	-	1.64	0	0.00%	0.00%	0.00%	
2893	250038 08GOLFMR 138 250114 08TP7481 138 1	250038	08GOLFMR	250114	08TP7481	1	138	212	DEO&K	406	408	Base Case	0	-6.6	-	1.64	0	0.03%	0.03%	0.03%	
2894	243126 05THIVENER1Z 138 246273 05THIVENR SS 138 Z1	243126	05THIVENER1Z	246273	05THIVENR SS	Z1	138	205	AEP	329	361	Base Case	0	5.4	-	1.63	0	0.00%	0.00%	0.00%	
2895	243221 05EUGENE 345 348885 7BUNSONVILLE 345 1	243221	05EUGENE	348885	7BUNSONVILLE	1	345	205/357	AEP/AMIL	1692	1793	Base Case	0	27.6	-	1.63	0	0.63%	0.63%	0.31%	
2896	246963 05WESLSS 138 246964 05WESLMP 138 1	246963	05WESLSS	246964	05WESLMP	1	138	205	AEP	219	255	Base Case	0	3.6	-	1.62	0	0.00%	0.00%	0.00%	
2897	246187 05WARTON H2 138 246928 05WARTON H1 138 Z1	246187	05WARTON H2	246928	05WARTON H1	Z1	138	205	AEP	383	449	Base Case	0	6.2	-	1.62	0	0.00%	0.00%	0.00%	
2898	242991 05E SIDE 138 243108 05STRLN1 138 1	242991	05E SIDE	243108	05STRLN1	1	138	205	AEP	251	251	Base Case	0	4	-	1.6	0	-0.15%	-0.15%	-0.07%	
2899	242950 05ACADEM 138 243153 05WMTVER 138 1	242950	05ACADEM	243153	05WMTVER	1	138	205	AEP	158	183	Base Case	0	-2.5	-	1.6	0	-0.06%	-0.06%	0.04%	
2900	239113 02SP Q-2 138 239116 02SPXFQ2 138 ZB	239113	02SP Q-2	239116	02SPXFQ2	ZB	138	202	ATSI	999	999	Base Case	0	15.7	-	1.58	0	0.00%	0.00%	0.00%	
2901	242792 05SCOTSV 138 244446 05SOAPSTONE 138 1	242792	05SCOTSV	244446	05SOAPSTONE	1	138	205	AEP	167	167	Base Case	0	-2.6	-	1.57	0	-0.30%	-0.30%	-0.65%	
2902	238957 02MFLDQ2 138 241923 02ELQ3 138 1	238957	02MFLDQ2	241923	02ELQ3	1	138	202	ATSI	265	316	Base Case	0	4.1	-	1.56	0	-0.03%	-0.03%	0.01%	
2903	250116 08TRENTON_1 138 250144 08HUSTRC 138 1	250116	08TRENTON_1	250144	08HUSTRC	1	138	212	DEO&K	178	178	Base Case	0	-2.8	-	1.55	0	-0.06%	-0.06%	-0.06%	
2904	246325 05NOTTINGH56 138 247460 05NOTTINGH34 138 Z3	246325	05NOTTINGH56	247460	05NOTTINGH34	Z3	138	205	AEP	747	747	Base Case	0	-11.6	-	1.55	0	0.01%	0.01%	0.00%	
2905	246325 05NOTTINGH56 138 247460 05NOTTINGH34 138 Z4	246325	05NOTTINGH56	247460	05NOTTINGH34	Z4	138	205	AEP	747	747	Base Case	0	-11.6	-	1.55	0	0.01%	0.01%	0.00%	
2906	243036 05MEIG 2 138 244950 05WILKSVILLE 138 1	243036	05MEIG 2	244950	05WILKSVILLE	1	138	205	AEP	129	161	Base Case	0	2	-	1.54	0	0.00%	0.00%	0.00%	
2907	243107 05SPENCR 138 246304 05BUCKINGHAM 138 1	243107	05SPENCR	246304	05BUCKINGHAM	1	138	205	AEP	100	130	Base Case	0	1.5	-	1.54	0	0.00%	0.00%	0.00%	
2908	239163 02WATERV 138 239191 02JMDUTC 138 1	239163	02WATERV	239191	02JMDUTC	1	138	202	ATSI	308	376	Base Case	0	-4.7	-	1.54	0	0.05%	0.05%	0.01%	
2909	238595 02BURTON 138 238708 02EVRGRN 138 1	238595	02BURTON	238708	02EVRGRN	1	138	202	ATSI	157	192	Base Case	0	2.4	-	1.53	0	-0.01%	-0.01%	0.00%	
2910	238791 02HCQ-14 138 239052 02PV Q4 138 1	238791	02HCQ-14	239052	02PV Q4	1	138	202	ATSI	225	295	Base Case	0	3.4	-	1.53	0	0.08%	0.08%	-0.01%	
2911	247803 05SEGRETO 345 256019 18PALISD 345 2	247803	05SEGRETO	256019	18PALISD	2	345	205/218	AEP/METC	1306	1530	Base Case	0	-19.9	-	1.52	0	0.39%	0.39%	0.08%	
2912	243256 05CABOT SS 138 246780 05CABOT 138 Z1	243256	05CABOT SS	246780	05CABOT	Z1	138	205	AEP	205	205	Base Case	0	3.1	-	1.51	0	0.00%	0.00%	0.00%	
2913	238534 02ANGOLA 138 238786 02HAWTHO 138 1	238534	02ANGOLA	238786	02HAWTHO	1	138	202	ATSI	287	335	Base Case	0	-4.3	-	1.49	0	0.00%	0.00%	0.01%	
2914	238589 02BRUSH 138 239307 02HARPERQ-21 138 1	238589	02BRUSH	239307	02HARPERQ-21	1	138	202	ATSI	143	146	Base Case	0	2.1	-	1.49	0	-0.02%	-0.02%	0.08%	
2915	243252 05BIXLRT 138 246769 05MINERR 138 1	243252	05BIXLRT	246769	05MINERR	1	138	205	AEP	251	335	Base Case	0	-3.7	-	1.48	0	0.05%	0.05%	0.03%	
2916	238656 02DBQ-11 138 239251 02GEQUTZ 138 1	238656	02DBQ-11	239251	02GEQUTZ	1	138	202	ATSI	258	308	Base Case	0	3.8	-	1.47	0	0.00%	0.00%	0.00%	
2917	244020 05MINK 138 246826 05MINK_T3 138 Z3	244020	05MINK	246826	05MINK_T3	Z3	138	205	AEP	747	747	Base Case	0	11	-	1.47	0	0.00%	0.00%	0.00%	
2918	247803 05SEGRETO 345 256019 18PALISD 345 1	247803	05SEGRETO	256019	18PALISD	1	345	205/218	AEP/METC	1409	1793	Base Case	0	-19.9	-	1.41	0	0.39%	0.39%	0.08%	
2919	247146 05DALRD8 138 247831 05DALMATN SS 138 Z1	247146	05DALRD8	247831	05DALMATN SS	Z1	138	205	AEP	548	601	Base Case	0	-7.6	-	1.38	0	0.00%	0.00%	0.00%	
2920	243206 05DUMONT 765 270644 WILTON ; 765 1	243206	05DUMONT	270644	WILTON ;	1	765	205/222	AEP/CE	3555	4105	Base Case	0	49	-	1.38	0	4.16%	4.16%	3.06%	
2921	245264 05UTICA CAD 138 247461 05FREEBYRD 138 Z4	245264	05UTICA CAD	247461	05FREEBYRD	Z4	138	205	AEP	747	747	Base Case	0	-10.3	-	1.37	0	0.00%	0.00%	0.00%	
2922	245264 05UTICA CAD 138 247461 05FREEBYRD 138 Z2	245264	05UTICA CAD	247461	05FREEBYRD	Z2	138	205	AEP	747	747	Base Case	0	-10.3	-	1.37	0	0.00%	0.00%	0.00%	
2923	243003 05FAYETTE Z 138 244971 05FAYETTE8 138 Z1	243003	05FAYETTE Z	244971	05FAYETTE8	Z1	138	205	AEP	205	205	Base Case	0	2.8	-	1.36	0	0.00%	0.00%	0.00%	
2924	238608 02CARLIL 138 239275 02FLDSTN 138 1	238608	02CARLIL	239275	02FLDSTN	1	138	202	ATSI	233	282	Base Case	0	3.1	-	1.35	0	0.04%	0.04%	0.02%	
2925	238956 02MFLDQ1 138 239011 02NP Q-1 138 1	238956	02MFLDQ1	239011	02NP Q-1	1	138	202	ATSI	265	316	Base Case	0	-3.5	-	1.34	0	0.02%	0.02%	-0.01%	
2926	243692 05HAZRD1 138 243704 05VICCO 138 1	243692	05HAZRD1	243704	05VICCO	1	138	205	AEP	167	240	Base Case	0	-2.2	-	1.33	0	0.09%	0.09%	0.05%	
2927	238578 02BORDMN 138 238998 02NEVADA 138 1	238578	02BORDMN	238998	02NEVADA	1	138	202	ATSI	265	316	Base Case	0	-3.5	-	1.32	0	-0.01%	-0.01%	0.04%	
2928	238838 02JIQ-11 138 239005 02NHTQ11 138 1	238838	02JIQ-11	239005	02NHTQ11	1	138	202	ATSI	273	332	Base Case	0	-3.6	-	1.32	0	0.08%	0.08%	-0.03%	
2929	242667 05HILL 138 242729 05NAGEL 138 1	242667	05HILL	242729	05NAGEL	1	138	205	AEP	205	205	Base Case	0	2.7	-	1.32	0	-0.01%	-0.01%	-0.18%	
2930	238884 02LEMO K 138 238890 02LEMOYN 138 ZB	238884	02LEMO K	238890	02LEMOYN	ZB	138	202	ATSI	579	743	Base Case	0	-7.7	-	1.32	0	-0.02%	-0.02%	0.06%	
2931	242670 05HOLST2 138 242722 05MORLAN 138 1	242670	05HOLST2	242722	05MORLAN	1	138	205	AEP	205	205	Base Case	0	-2.7	-	1.31	0	-0.02%	-0.02%	-0.19%	
2932	246108 05KAMMER24 138 246120 05KAMMER T6 138 Z6	246108	05KAMMER24	246120	05KAMMER T6	Z6	138	205	AEP	383	449	Base Case	0	5	-	1.31	0	0.00%	0.00%	0.00%	
2933	242594 05CHERCK 138 242604 05CLIFFT 138 1	242594	05CHERCK	242604	05CLIFFT	1	138	205	AEP	251	335	Base Case	0	-3.3	-	1.3	0	0.04%	0.04%	0.12%	
2934	249994 08CHRLES 138 250124 08WENDEA 138 1	249994	08CHRLES	250124	08WENDEA	1	138	212	DEO&K	234	244	Base Case	0	3	-	1.28	0	-0.01%	-0.01%	-0.04%	
2935	250042 08HANDS1 138 250097 08SGROVE 138 1	250042	08HANDS1	250097	08SGROVE	1	138	212	DEO&K	194	194	Base Case	0	-2.5	-	1.28	0	-0.02%	-0.02%	-0.07%	
2936	243085 05S CAD 138 247462 05STONEPLTSS 138 1	243085	05S CAD	247462	05STONEPLTSS	1	138	205	AEP	293	341	Base Case	0	3.7	-	1.27	0	0.21%	0.21%	-0.03%	
2937	238801 02HL Q-2 138 240283 02LKSHQ3 138 1	238801	02HL Q-2	240283	02LKSHQ3	1	138	202	ATSI	235	271	Base Case	0	3	-	1.26	0	0.00%	0.00%	0.02%	
2938	242704 05LOGAN1 138 242705 05LOGAN2 138 Z1	242704	05LOGAN1	242705	05LOGAN2	Z1	138	205	AEP	410	498	Base Case	0	-5.2	-	1.26	0	0.01%	0.01%	-0.14%	
2939	247004 05GUYAND 138 247005 05MACOAL 138 Z1	247004	05GUYAND	247005	05MACOAL	Z1	138	205	AEP	195	220	Base Case	0	2.4	-	1.23	0	0.00%	0.00%	0.00%	
2940	238796 02HGHLND 345 239303 02NILES 345 1	238796	02HGHLND	239303	02NILES	1	345	202	ATSI	1415	1745	Base Case	0	17.4	-	1.23	0	-0.76%	-0.76%	0.09%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2941	243311 05ARN HOGAN 138 246913 05JONES 138 1	243311	05ARN HOGAN	246913	05JONES	1	138	205	AEP	257	360	Base Case	0	-3.1	-	1.22	0	-0.02%	-0.02%	-0.01%	
2942	242651 05GLENL2 138 242721 05MORGAN 138 1	242651	05GLENL2	242721	05MORGAN	1	138	205	AEP	134	167	Base Case	0	-1.6	-	1.22	0	0.07%	0.07%	0.29%	
2943	243483 05CRCLVS 138 246784 05CIRCV T1T2 138 Z1	243483	05CRCLVS	246784	05CIRCV T1T2	Z1	138	205	AEP	996	996	Base Case	0	12.1	-	1.21	0	0.00%	0.00%	0.00%	
2944	243483 05CRCLVS 138 246784 05CIRCV T1T2 138 Z2	243483	05CRCLVS	246784	05CIRCV T1T2	Z2	138	205	AEP	996	996	Base Case	0	12.1	-	1.21	0	0.00%	0.00%	0.00%	
2945	238926 02LTV 138 238928 02LTV+ 138 1	238926	02LTV	238928	02LTV+	1	138	202	ATSI	153	186	Base Case	0	-1.9	-	1.21	0	0.00%	0.00%	0.00%	
2946	253310 AC1-085 POI 345 253311 AC1-085 MAIN 345 1	253310	AC1-085 POI	253311	AC1-085 MAIN	1	345	209	DAY	9999	9999	Base Case	0	-120.7	-	1.21	0	-0.08%	-0.08%	-0.08%	
2947	243487 05CHK TAP Z 138 243512 05DIAMONDISS 138 1	243487	05CHK TAP Z	243512	05DIAMONDISS	1	138	205	AEP	216	243	Base Case	0	-2.6	-	1.2	0	-0.01%	-0.01%	-0.02%	
2948	243042 05MILLBR PK1 138 243069 05FIREBR 138 1	243042	05MILLBR PK1	243069	05FIREBR	1	138	205	AEP	185	185	Base Case	0	2.2	-	1.19	0	-0.10%	-0.10%	-0.02%	
2949	242678 05INDIAS 138 242732 05NBRSTL 138 1	242678	05INDIAS	242732	05NBRSTL	1	138	205	AEP	158	167	Base Case	0	1.9	-	1.19	0	0.00%	0.00%	0.05%	
2950	239133 02TANGY 345 246523 05HYATT SW1 345 1	239133	02TANGY	246523	05HYATT SW1	1	345	202/205	ATSI/AEP	971	1419	Base Case	0	-11.5	-	1.18	0	0.42%	0.42%	0.36%	
2951	247461 05FREEBYRD 138 247462 05STONEPLTSS 138 1	247461	05FREEBYRD	247462	05STONEPLTSS	1	138	205	AEP	293	341	Base Case	0	-3.4	-	1.17	0	0.21%	0.21%	-0.03%	
2952	243694 05INEZ 138 244572 05MARTIKI 138 1	243694	05INEZ	244572	05MARTIKI	1	138	205	AEP	257	349	Base Case	0	3	-	1.17	0	0.00%	0.00%	0.00%	
2953	243228 05MERIDN 345 243232 05SORENS 345 1	243228	05MERIDN	243232	05SORENS	1	345	205	AEP	897	897	Base Case	0	-10.4	-	1.16	0	0.50%	0.50%	0.42%	
2954	238952 02MCD + 138 238953 02MCD ST 138 1	238952	02MCD +	238953	02MCD ST	1	138	202	ATSI	195	195	Base Case	0	2.2	-	1.15	0	0.00%	0.00%	0.00%	
2955	242829 05TENNE1 138 242830 05TENNE2 138 Z1	242829	05TENNE1	242830	05TENNE2	Z1	138	205	AEP	483	483	Base Case	0	5.5	-	1.15	0	0.00%	0.00%	-0.02%	
2956	239115 02SP Q-4 138 239117 02SPXFQ4 138 ZB	239115	02SP Q-4	239117	02SPXFQ4	ZB	138	202	ATSI	999	999	Base Case	0	11.4	-	1.14	0	0.00%	0.00%	0.00%	
2957	242996 05EMERA8 138 247034 05EMERSS 138 1	242996	05EMERA8	247034	05EMERSS	1	138	205	AEP	200	200	Base Case	0	-2.3	-	1.14	0	0.00%	0.00%	0.00%	
2958	243378 05SPY RUN2 138 246373 05SPY RUN1 138 Z1	243378	05SPY RUN2	246373	05SPY RUN1	Z1	138	205	AEP	410	498	Base Case	0	-4.7	-	1.14	0	0.00%	0.00%	0.03%	
2959	238835 02JGSQ12 138 238881 02LTFQ16 138 1	238835	02JGSQ12	238881	02LTFQ16	1	138	202	ATSI	223	286	Base Case	0	2.5	-	1.14	0	-0.02%	-0.02%	0.00%	
2960	243514 05RJF CORP Z 138 246228 05RJF CORP 138 Z1	243514	05RJF CORP Z	246228	05RJF CORP	Z1	138	205	AEP	282	366	Base Case	0	3.2	-	1.12	0	0.00%	0.00%	0.00%	
2961	250087 08QUNGT1 138 250088 08QUNGT2 138 Z1	250087	08QUNGT1	250088	08QUNGT2	Z1	138	212	DEO&K	406	454	Base Case	0	-4.5	-	1.12	0	-0.01%	-0.01%	-0.02%	
2962	242573 05CABELL 138 242717 05MILTON 138 1	242573	05CABELL	242717	05MILTON	1	138	205	AEP	167	167	Base Case	0	1.9	-	1.12	0	-0.07%	-0.07%	-0.05%	
2963	238823 02INQ-14 138 238829 02IVYQ14 138 1	238823	02INQ-14	238829	02IVYQ14	1	138	202	ATSI	399	488	Base Case	0	-4.4	-	1.11	0	-0.03%	-0.03%	0.02%	
2964	238719 02FMCQ12 138 238807 02HMLQ12 138 1	238719	02FMCQ12	238807	02HMLQ12	1	138	202	ATSI	273	332	Base Case	0	3	-	1.11	0	-0.09%	-0.09%	0.00%	
2965	243567 05SBLMVL 138 247148 05SBLMSS 138 Z1	243567	05SBLMVL	247148	05SBLMSS	Z1	138	205	AEP	195	220	Base Case	0	-2.2	-	1.11	0	0.00%	0.00%	0.00%	
2966	242983 05CHANDLERVZ 138 245388 05CHANDLERV8 138 Z1	242983	05CHANDLERVZ	245388	05CHANDLERV8	Z1	138	205	AEP	205	205	Base Case	0	2.2	-	1.09	0	0.00%	0.00%	0.00%	
2967	242940 05MUSKNG 345 247832 05LAMPING 345 1	242940	05MUSKNG	247832	05LAMPING	1	345	205	AEP	915	971	Base Case	0	-9.8	-	1.07	0	1.65%	1.65%	-0.07%	
2968	242646 05FT.ROB SS 138 242729 05NAGEL 138 1	242646	05FT.ROB SS	242729	05NAGEL	1	138	205	AEP	205	205	Base Case	0	2.1	-	1.05	0	0.03%	0.03%	-0.09%	
2969	247803 05SEGRETO 345 256019 18PALISD 345 3	247803	05SEGRETO	256019	18PALISD	3	345	205/218	AEP/METC	1447	1542	Base Case	0	-15.1	-	1.04	0	0.29%	0.29%	0.06%	
2970	235703 01WYLIE R 500 239280 02CRNBRY 500 1	235703	01WYLIE R	239280	02CRNBRY	1	500	201/202	AP/ATSI	3542	4149	Base Case	0	36.5	-	1.03	0	-9.02%	-9.02%	1.62%	
2971	245647 05W.CAMP OSU 138 246907 05W.CAMPUS 138 Z9	245647	05W.CAMP OSU	246907	05W.CAMPUS	Z9	138	205	AEP	747	747	Base Case	0	-7.7	-	1.03	0	0.00%	0.00%	0.00%	
2972	245647 05W.CAMP OSU 138 246907 05W.CAMPUS 138 Z8	245647	05W.CAMP OSU	246907	05W.CAMPUS	Z8	138	205	AEP	747	747	Base Case	0	-7.7	-	1.03	0	0.00%	0.00%	0.00%	
2973	245647 05W.CAMP OSU 138 246907 05W.CAMPUS 138 Z7	245647	05W.CAMP OSU	246907	05W.CAMPUS	Z7	138	205	AEP	747	747	Base Case	0	-7.7	-	1.03	0	0.00%	0.00%	0.00%	
2974	243306 05HARPER 138 243342 05MILAN 138 1	243306	05HARPER	243342	05MILAN	1	138	205	AEP	167	245	Base Case	0	1.7	-	1	0	-0.03%	-0.03%	-0.02%	
2975	243867 05FRCS34 345 243868 05FRCS-3 345 1	243867	05FRCS34	243868	05FRCS-3	1	345	205	AEP	1001	1631	Base Case	0	-10	-	1	0	-0.01%	-0.01%	-0.01%	
2976	243024 05HOWARD 138 243061 05NLEXTN 138 1	243024	05HOWARD	243061	05NLEXTN	1	138	205	AEP	200	200	Base Case	0	2	-	0.99	0	0.01%	0.01%	-0.10%	
2977	243455 05CONES 345 243456 05CORRID 345 1	243455	05CONES	243456	05CORRID	1	345	205	AEP	1217	1374	Base Case	0	11.7	-	0.96	0	0.20%	0.20%	-0.13%	
2978	249987 08BETHNY 138 250084 08PARK1 138 1	249987	08BETHNY	250084	08PARK1	1	138	212	DEO&K	394	394	Base Case	0	-3.8	-	0.96	0	0.06%	0.06%	0.06%	
2979	238524 02AD Q-2 138 238915 02LRN Q2 138 1	238524	02AD Q-2	238915	02LRN Q2	1	138	202	ATSI	265	316	Base Case	0	-2.5	-	0.96	0	-0.11%	-0.11%	0.00%	
2980	238996 02NEQ-15 138 239013 02NSQ-15 138 1	238996	02NEQ-15	239013	02NSQ-15	1	138	202	ATSI	273	332	Base Case	0	2.6	-	0.96	0	-0.08%	-0.08%	0.02%	
2981	243083 05CAMPSS 138 243121 05ROCKPO 138 1	243083	05CAMPSS	243121	05ROCKPO	1	138	205	AEP	145	177	Base Case	0	1.4	-	0.94	0	0.00%	0.00%	0.00%	
2982	243885 05THORSS 138 243886 05COBB 138 1	243885	05THORSS	243886	05COBB	1	138	205	AEP	426	426	Base Case	0	4	-	0.94	0	0.00%	0.00%	0.00%	
2983	242634 05EDGEMO 138 242636 05FALLBR 138 1	242634	05EDGEMO	242636	05FALLBR	1	138	205	AEP	167	240	Base Case	0	-1.6	-	0.94	0	0.06%	0.06%	0.05%	
2984	238524 02AD Q-2 138 241928 02AVQ2 138 1	238524	02AD Q-2	241928	02AVQ2	1	138	202	ATSI	273	332	Base Case	0	2.5	-	0.93	0	-0.11%	-0.11%	0.00%	
2985	243476 05BOLINSMLSS 138 246684 05BOLINS ML8 138 Z1	243476	05BOLINSMLSS	246684	05BOLINS ML8	Z1	138	205	AEP	200	200	Base Case	0	1.8	-	0.92	0	0.00%	0.00%	0.00%	
2986	242704 05LOGAN1 138 242726 05MUDFRK 138 1	242704	05LOGAN1	242726	05MUDFRK	1	138	205	AEP	251	309	Base Case	0	-2.3	-	0.91	0	-0.07%	-0.07%	-0.12%	
2987	250061 08MDWAY2 138 250118 08TRMNL2 138 1	250061	08MDWAY2	250118	08TRMNL2	1	138	212	DEO&K	275	275	Base Case	0	-2.5	-	0.91	0	0.03%	0.03%	-0.01%	
2988	249581 08MELDAL 345 342838 7SPURLOCK 345 1	249581	08MELDAL	342838	7SPURLOCK	1	345	212/320	DEO&K/EKPC	1274	1421	Base Case	0	11.4	-	0.89	0	-0.46%	-0.46%	-0.65%	
2989	243856 05JUG ST 1-6 138 247805 05SMITHMILL8 138 1	243856	05JUG ST 1-6	247805	05SMITHMILL8	1	138	205	AEP	257	360	Base Case	0	2.3	-	0.89	0	0.00%	0.00%	0.00%	
2990	243353 05OLIVE 138 246092 05NEW CAR_BP 138 1	243353	05OLIVE	246092	05NEW CAR_BP	1	138	205	AEP	187	240	Base Case	0	1.6	-	0.87	0	-0.06%	-0.06%	-0.02%	
2991	246092 05NEW CAR_BP 138 246994 05RICKMN 138 1	246092	05NEW CAR_BP	246994	05RICKMN	1	138	205	AEP	187	223	Base Case	0	1.6	-	0.87	0	-0.06%	-0.06%	-0.02%	
2992	243118 05SUMMER 138 247156 05STEAMT 138 1	243118	05SUMMER	247156	05STEAMT	1	138	205	AEP	205	284	Base Case	0	-1.8	-	0.87	0	-0.17%	-0.17%	0.05%	
2993	250059 08MAINVL 138 250147 08COLUMB 138 1	250059	08MAINVL	250147	08COLUMB	1	138	212	DEO&K	298	298	Base Case	0	2.6	-	0.86	0	-0.01%	-0.01%	-0.02%	
2994	243379 05STATES 138 243384 05TRIER 138 1	243379	05STATES	243384	05TRIER	1	138	205	AEP	219	251	Base Case	0	1.9	-	0.85	0	0.07%	0.07%	0.05%	
2995	243671 05BEAVER CR1 138 245913 05KEWANEE 138 1	243671	05BEAVER CR1	245913	05KEWANEE	1	138	205	AEP	296	378	Base Case	0	2.5	-	0.84	0	-0.08%	-0.08%	0.08%	
2996	243458 05HYATT 345 246523 05HYATT SW1 345 Z1	243458	05HYATT	246523	05HYATT SW1	Z1	345	205	AEP	1370	1503	Base Case	0	11.5	-	0.84	0	0.42%	0.42%	0.36%	
2997	243920 05MAKAHOY 138 246988 05STRWTN 138 1	243920	05MAKAHOY	246988	05STRWTN	1	138	205	AEP	205	284	Base Case	0	-1.7	-	0.84	0	-0.02%	-0.02%	-0.05%	
2998	238958 02MFLDQ3 138 239016 02NT Q15 138 1	238958	02MFLDQ3	239016	02NT Q15	1	138	202	ATSI	265	316	Base Case	0	-2.2	-	0.83	0	0.02%	0.02%	-0.01%	
2999	242817 05STONBR 138 247242 05CHAPSS 138 1	242817	05STONBR	247242	05CHAPSS	1	138	205	AEP	296	378	Base Case	0	2.4	-	0.82	0	-0.05%	-0.05%	-0.14%	
3000	238905 02LNC.PK 138 239077 02RVERBD 138 1	238905	02LNC.PK	239077	02RVERBD	1	138	202	ATSI	275	333	Base Case	0	2.1	-	0.78	0	0.04%	0.04%	0.00%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
3001	238800 02HL Q-1 138 240281 02LKSHQ1 138 1	238800	02HL Q-1	240281	02LKSHQ1	1	138	202	ATSI	235	271	Base Case	0	-1.8	-	0.77	0	-0.01%	-0.01%	-0.01%	
3002	242772 05RIVERV 138 247641 05GLADSTON 138 1	242772	05RIVERV	247641	05GLADSTON	1	138	205	AEP	296	413	Base Case	0	2.2	-	0.76	0	0.00%	0.00%	0.00%	
3003	242621 05DARRH1 138 242626 05E.HUNTING2 138 1	242621	05DARRH1	242626	05E.HUNTING2	1	138	205	AEP	296	413	Base Case	0	2.1	-	0.71	0	0.01%	0.01%	0.03%	
3004	243944 05GEORGE ST 138 243945 05LYNBROOK 138 1	243944	05GEORGE ST	243945	05LYNBROOK	1	138	205	AEP	548	590	Base Case	0	-3.9	-	0.71	0	0.01%	0.01%	0.44%	
3005	242788 05SALTV1 138 242789 05SALTV2 138 Z1	242788	05SALTV1	242789	05SALTV2	Z1	138	205	AEP	287	337	Base Case	0	-2	-	0.69	0	0.02%	0.02%	0.13%	
3006	238637 02CPP LS 138 240282 02LKSHQ2 138 1	238637	02CPP LS	240282	02LKSHQ2	1	138	202	ATSI	240	240	Base Case	0	1.6	-	0.68	0	-0.15%	-0.15%	-0.02%	
3007	242846 05WHARTN 138 242847 05WHARTZ 138 1	242846	05WHARTN	242847	05WHARTZ	1	138	205	AEP	205	284	Base Case	0	-1.4	-	0.68	0	0.00%	0.00%	0.00%	
3008	242649 05GARRSN 138 242776 05ROCKHS 138 1	242649	05GARRSN	242776	05ROCKHS	1	138	205	AEP	219	223	Base Case	0	1.4	-	0.65	0	0.03%	0.03%	-0.16%	
3009	243063 05N.NEWARK1 138 245964 05N.NEWARK2 138 Z1	243063	05N.NEWARK1	245964	05N.NEWARK2	Z1	138	205	AEP	164	180	Base Case	0	1.1	-	0.64	0	0.04%	0.04%	-0.12%	
3010	246440 05S.OLIVE L8 138 247799 05S.OLIVE SS 138 Z1	246440	05S.OLIVE L8	247799	05S.OLIVE SS	Z1	138	205	AEP	296	400	Base Case	0	-1.9	-	0.64	0	0.00%	0.00%	0.00%	
3011	238771 02GTQ-11 138 239118 02SSPQ11 138 1	238771	02GTQ-11	239118	02SSPQ11	1	138	202	ATSI	273	332	Base Case	0	-1.7	-	0.63	0	-0.06%	-0.06%	0.02%	
3012	243695 05JOHNSC 138 246316 05STONE 138 1	243695	05JOHNSC	246316	05STONE	1	138	205	AEP	262	332	Base Case	0	1.6	-	0.63	0	-0.09%	-0.09%	-0.05%	
3013	238586 02BRKSID 138 239168 02WELNGT 138 1	238586	02BRKSID	239168	02WELNGT	1	138	202	ATSI	105	135	Base Case	0	-0.6	-	0.62	0	0.09%	0.09%	-0.09%	
3014	250136 08HILCRT 138 250166 HLCRST AB114 138 1	250136	08HILCRT	250166	HLCRST AB114	1	138	212	DEO&K	9999	9999	Base Case	0	-60.7	-	0.61	0	-0.04%	-0.04%	-0.04%	
3015	238764 02GRANGR 138 239161 02WAKRON 138 1	238764	02GRANGR	239161	02WAKRON	1	138	202	ATSI	233	282	Base Case	0	-1.4	-	0.61	0	0.13%	0.13%	0.01%	
3016	247824 05NUTALL 138 247826 05MOLLYS CRK 138 1	247824	05NUTALL	247826	05MOLLYS CRK	1	138	205	AEP	316	444	Base Case	0	-1.9	-	0.6	0	-0.14%	-0.14%	0.16%	
3017	247702 05AZALEA 138 247703 05LEESVILLE 138 1	247702	05AZALEA	247703	05LEESVILLE	1	138	205	AEP	521	521	Base Case	0	-3.1	-	0.59	0	0.00%	0.00%	0.00%	
3018	238586 02BRKSID 138 241111 02ASHLAND 138 1	238586	02BRKSID	241111	02ASHLAND	1	138	202	ATSI	167	245	Base Case	0	1	-	0.59	0	0.21%	0.21%	0.02%	
3019	242535 05ALUMRG 138 242640 05FLOYD 138 1	242535	05ALUMRG	242640	05FLOYD	1	138	205	AEP	180	227	Base Case	0	-1	-	0.56	0	0.05%	0.05%	0.60%	
3020	242544 05AXTON 138 242620 05DANVL2 138 1	242544	05AXTON	242620	05DANVL2	1	138	205	AEP	296	388	Base Case	0	-1.6	-	0.52	0	0.30%	0.30%	2.94%	
3021	243884 05MORISB 138 243885 05THORSS 138 1	243884	05MORISB	243885	05THORSS	1	138	205	AEP	426	426	Base Case	0	-2.2	-	0.52	0	0.00%	0.00%	0.00%	
3022	250124 08WENDEA 138 250126 08WENDWE 138 Z1	250124	08WENDEA	250126	08WENDWE	Z1	138	212	DEO&K	516	582	Base Case	0	2.7	-	0.51	0	-0.01%	-0.01%	0.00%	
3023	250124 08WENDEA 138 250126 08WENDWE 138 2	250124	08WENDEA	250126	08WENDWE	2	138	212	DEO&K	516	582	Base Case	0	2.7	-	0.51	0	-0.01%	-0.01%	0.00%	
3024	250123 08WARRN2 138 250147 08COLUMB 138 1	250123	08WARRN2	250147	08COLUMB	1	138	212	DEO&K	298	298	Base Case	0	-1.5	-	0.51	0	-0.01%	-0.01%	-0.02%	
3025	243233 05TANNER 345 254524 16HANNA 345 1	243233	05TANNER	254524	16HANNA	1	345	205/216	AEP/IPL	1132	1132	Base Case	0	-5.3	-	0.47	0	-0.26%	-0.26%	0.01%	
3026	246946 05WLDCAT 138 926101 AC1-089 MAIN 138 1	246946	05WLDCAT	926101	AC1-089 MAIN	1	138	205	AEP	9999	9999	Base Case	0	-45.4	-	0.45	0	-0.03%	-0.03%	-0.03%	
3027	242812 05MINERAL8 138 244283 05MINERAL SS 138 Z1	242812	05MINERAL8	244283	05MINERAL SS	Z1	138	205	AEP	223	223	Base Case	0	-1	-	0.45	0	0.00%	0.00%	0.00%	
3028	243082 05ROCKHILL1 138 245516 05ROCKHILL2 138 Z1	243082	05ROCKHILL1	245516	05ROCKHILL2	Z1	138	205	AEP	187	240	Base Case	0	0.8	-	0.45	0	0.00%	0.00%	-0.03%	
3029	243552 05PICKR8 138 246021 05W.LANCAST2 138 1	243552	05PICKR8	246021	05W.LANCAST2	1	138	205	AEP	296	413	Base Case	0	1.2	-	0.42	0	-0.09%	-0.09%	-0.02%	
3030	242686 05JEHU BR SS 138 242730 05NBECKL 138 1	242686	05JEHU BR SS	242730	05NBECKL	1	138	205	AEP	205	255	Base Case	0	-0.8	-	0.4	0	0.03%	0.03%	-0.07%	
3031	238889 02LEMOYN 345 264599 19MAJTC 345 1	238889	02LEMOYN	264599	19MAJTC	1	345	202/219	ATSI/ITCT	953	953	Base Case	0	3.6	-	0.38	0	0.50%	0.50%	0.10%	
3032	238854 02KDTPQ3 138 238958 02MFLDQ3 138 1	238854	02KDTPQ3	238958	02MFLDQ3	1	138	202	ATSI	176	229	Base Case	0	-0.7	-	0.38	0	0.14%	0.14%	-0.04%	
3033	243497 05DELANO 138 243570 05CLAYBN 138 1	243497	05DELANO	243570	05CLAYBN	1	138	205	AEP	323	449	Base Case	0	-1.2	-	0.37	0	0.00%	0.00%	0.05%	
3034	246911 05HIGHLA 138 247035 05NMARSS 138 1	246911	05HIGHLA	247035	05NMARSS	1	138	205	AEP	223	223	Base Case	0	-0.8	-	0.37	0	0.07%	0.07%	0.05%	
3035	242683 05J.EARL 138 244287 05WOLF GLADE 138 1	242683	05J.EARL	244287	05WOLF GLADE	1	138	205	AEP	219	251	Base Case	0	0.8	-	0.35	0	-0.02%	-0.02%	-0.06%	
3036	243537 05MALIS 138 243538 05MALISX 138 SR	243537	05MALIS	243538	05MALISX	SR	138	205	AEP	820	928	Base Case	0	-2.8	-	0.34	0	0.00%	0.00%	0.00%	
3037	247864 05LOGTOWN 138 247926 T131 TR 138 1	247864	05LOGTOWN	247926	T131 TR	1	138	205	AEP	9999	9999	Base Case	0	-31.8	-	0.32	0	-0.02%	-0.02%	-0.02%	
3038	243903 05GUNN RD SS 345 247540 U2-072 C 345 Z1	243903	05GUNN RD SS	247540	U2-072 C	Z1	345	205	AEP	9999	9999	Base Case	0	-31.2	-	0.31	0	-0.02%	-0.02%	-0.02%	
3039	242933 05RPMONE 345 243211 05ALLEN 345 1	242933	05RPMONE	243211	05ALLEN	1	345	205	AEP	897	897	Base Case	0	-2.6	-	0.29	0	-0.95%	-0.95%	-0.25%	
3040	243209 05ROCKPT 765 247133 05ROCKP WRK1 765 Z7	243209	05ROCKPT	247133	05ROCKP WRK1	Z7	765	205	AEP	6330	7590	Base Case	0	18.3	-	0.29	0	0.00%	0.00%	0.00%	
3041	243209 05ROCKPT 765 247135 05ROCKP WRK2 765 Z8	243209	05ROCKPT	247135	05ROCKP WRK2	Z8	765	205	AEP	6330	7590	Base Case	0	18.3	-	0.29	0	0.00%	0.00%	0.00%	
3042	246407 05CABIN CRK2 138 247064 05KANAWHA2 138 2	246407	05CABIN CRK2	247064	05KANAWHA2	2	138	205	AEP	187	240	Base Case	0	-0.5	-	0.26	0	0.08%	0.08%	0.19%	
3043	243356 05OSOLO1 138 247541 05OSOLO2 138 Z1	243356	05OSOLO1	247541	05OSOLO2	Z1	138	205	AEP	329	361	Base Case	0	-0.9	-	0.26	0	0.04%	0.04%	0.02%	
3044	243257 05CALVERTZ 138 246411 05CALVERT 138 Z1	243257	05CALVERTZ	246411	05CALVERT	Z1	138	205	AEP	158	183	Base Case	0	0.4	-	0.25	0	0.00%	0.00%	0.00%	
3045	238529 02AIRPK+ 138 238703 02ESPRNG 138 1	238529	02AIRPK+	238703	02ESPRNG	1	138	202	ATSI	200	242	Base Case	0	-0.5	-	0.25	0	0.07%	0.07%	0.02%	
3046	238880 02LTFQ15 138 240247 02CK TP15 138 1	238880	02LTFQ15	240247	02CK TP15	1	138	202	ATSI	273	332	Base Case	0	0.7	-	0.25	0	0.01%	0.01%	-0.01%	
3047	242510 05BAKER 765 242513 05CULLOD 765 1	242510	05BAKER	242513	05CULLOD	1	765	205	AEP	4047	4571	Base Case	0	-9.7	-	0.24	0	1.82%	1.82%	-0.93%	
3048	243867 05FRCS34 345 243871 05FRCS-4 345 1	243867	05FRCS34	243871	05FRCS-4	1	345	205	AEP	9999	9999	Base Case	0	-23.2	-	0.23	0	-0.01%	-0.01%	-0.01%	
3049	250063 08MHLTY1 138 250069 08MPLKL2 138 1	250063	08MHLTY1	250069	08MPLKL2	1	138	212	DEO&K	266	266	Base Case	0	-0.6	-	0.23	0	-0.01%	-0.01%	0.00%	
3050	238913 02LRCRQ2 138 238914 02LRCRQ3 138 ZB	238913	02LRCRQ2	238914	02LRCRQ3	ZB	138	202	ATSI	2500	2500	Base Case	0	5.6	-	0.22	0	0.04%	0.04%	-0.01%	
3051	243878 05MEADOW 345 930041 AB1-006 C 345 1	243878	05MEADOW	930041	AB1-006 C	1	345	205	AEP	9999	9999	Base Case	0	-20.8	-	0.21	0	-0.01%	-0.01%	-0.01%	
3052	243792 05LOSANTVILL 345 247543 V3-007 C 345 Z1	243792	05LOSANTVILL	247543	V3-007 C	Z1	345	205	AEP	9999	9999	Base Case	0	-20.8	-	0.21	0	-0.01%	-0.01%	-0.01%	
3053	238761 02GPPR + 138 238970 02MRST + 138 1	238761	02GPPR +	238970	02MRST +	1	138	202	ATSI	200	242	Base Case	0	-0.4	-	0.19	0	0.00%	0.00%	0.00%	
3054	242591 05CENTRR 138 242724 05MOSELEY 138 1	242591	05CENTRR	242724	05MOSELEY	1	138	205	AEP	167	245	Base Case	0	-0.3	-	0.18	0	-0.04%	-0.04%	-0.24%	
3055	238720 02FMCQ13 138 238808 02HMLQ13 138 1	238720	02FMCQ13	238808	02HMLQ13	1	138	202	ATSI	191	245	Base Case	0	0.4	-	0.18	0	-0.10%	-0.10%	-0.01%	
3056	242574 05CABIN CRK1 138 242689 05KANAWHA1 138 1	242574	05CABIN CRK1	242689	05KANAWHA1	1	138	205	AEP	187	240	Base Case	0	0.3	-	0.18	0	-0.08%	-0.08%	-0.19%	
3057	245876 05OXFORD M8 138 247462 05STONEPLTSS 138 Z1	245876	05OXFORD M8	247462	05STONEPLTSS	Z1	138	205	AEP	205	205	Base Case	0	-0.3	-	0.14	0	0.00%	0.00%	0.00%	
3058	243319 05JAY 138 933591 AC2-176 MAIN 138 1	243319	05JAY	933591	AC2-176 MAIN	1	138	205	AEP	9999	9999	Base Case	0	-13.5	-	0.13	0	-0.01%	-0.01%	-0.01%	
3059	243035 05MEIG 1 138 243038 05MEIG1Z 138 1	243035	05MEIG 1	243038	05MEIG1Z	1	138	205	AEP	158	183	Base Case	0	-0.2	-	0.13	0	0.00%	0.00%	0.00%	
3060	242653 05GRANDV 138 939800 AE1-212 TAP 138 1	242653	05GRANDV	939800	AE1-212 TAP	1	138	205	AEP	9999	9999	Base Case	0	12.3	-	0.12	0	0.04%	0.04%	0.12%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
3061	242604 05CLIFFT 138 939800 AE1-212 TAP 138 1	242604	05CLIFFT	939800	AE1-212 TAP	1	138	205	AEP	9999	9999	Base Case	0	-12.3	-	0.12	0	0.04%	0.04%	0.12%	
3062	246407 05CABIN CRK2 138 246409 05CABIN C T8 138 ZL	246407	05CABIN CRK2	246409	05CABIN C T8	ZL	138	205	AEP	369	369	Base Case	0	-0.5	-	0.12	0	0.01%	0.01%	-0.01%	
3063	242544 05AXTON 138 242619 05DANVL1 138 2	242544	05AXTON	242619	05DANVL1	2	138	205	AEP	296	398	Base Case	0	0.4	-	0.12	0	-0.20%	-0.20%	-1.95%	
3064	242735 05NPOINT 138 247242 05CHAPSS 138 1	242735	05NPOINT	247242	05CHAPSS	1	138	205	AEP	389	559	Base Case	0	-0.5	-	0.12	0	-0.02%	-0.02%	-0.31%	
3065	242570 05BUCHAN 138 242690 05KEENMT 138 1	242570	05BUCHAN	242690	05KEENMT	1	138	205	AEP	116	116	Base Case	0	-0.1	-	0.11	0	0.00%	0.00%	0.00%	
3066	243278 05DESOTO 138 243296 05GASTON 138 1	243278	05DESOTO	243296	05GASTON	1	138	205	AEP	223	310	Base Case	0	-0.2	-	0.11	0	-0.05%	-0.05%	-0.04%	
3067	243784 05S.BTLR 345 247105 05VARNER 345 Z2	243784	05S.BTLR	247105	05VARNER	Z2	345	205	AEP	99999	99999	Base Case	0	-110	-	0.11	0	0.00%	0.00%	0.00%	
3068	243784 05S.BTLR 345 247105 05VARNER 345 Z3	243784	05S.BTLR	247105	05VARNER	Z3	345	205	AEP	99999	99999	Base Case	0	-110	-	0.11	0	0.00%	0.00%	0.00%	
3069	243784 05S.BTLR 345 247105 05VARNER 345 Z1	243784	05S.BTLR	247105	05VARNER	Z1	345	205	AEP	99999	99999	Base Case	0	-110	-	0.11	0	0.00%	0.00%	0.00%	
3070	243689 05HARBER 138 243875 05SOFTSH 138 1	243689	05HARBER	243875	05SOFTSH	1	138	205	AEP	184	184	Base Case	0	-0.2	-	0.11	0	0.00%	0.00%	0.00%	
3071	242544 05AXTON 138 242545 05AXTONX 138 SR	242544	05AXTON	242545	05AXTONX	SR	138	205	AEP	696	747	Base Case	0	-0.7	-	0.11	0	0.00%	0.00%	-0.02%	
3072	243039 05MELMOR 138 247551 U4-028 C 138 Z1	243039	05MELMOR	247551	U4-028 C	Z1	138	205	AEP	9999	9999	Base Case	0	-10.4	-	0.1	0	-0.01%	-0.01%	-0.01%	
3073	243039 05MELMOR 138 247552 U4-029 C 138 Z1	243039	05MELMOR	247552	U4-029 C	Z1	138	205	AEP	9999	9999	Base Case	0	-10.4	-	0.1	0	-0.01%	-0.01%	-0.01%	
3074	246352 05HAVILAND2 138 247563 V1-011 138 1	246352	05HAVILAND2	247563	V1-011	1	138	205	AEP	9999	9999	Base Case	0	-10.4	-	0.1	0	-0.01%	-0.01%	-0.01%	
3075	243000 05EWOOST 138 243158 05WOOSTE 138 1	243000	05EWOOST	243158	05WOOSTE	1	138	205	AEP	187	205	Base Case	0	0.2	-	0.1	0	0.19%	0.19%	-0.03%	
3076	242855 05WYOMIN 138 242857 05WYOMX2 138 SR	242855	05WYOMIN	242857	05WYOMX2	SR	138	205	AEP	696	747	Base Case	0	-0.7	-	0.09	0	0.00%	0.00%	0.00%	
3077	242855 05WYOMIN 138 242856 05WYOMX1 138 SR	242855	05WYOMIN	242856	05WYOMX1	SR	138	205	AEP	696	747	Base Case	0	-0.7	-	0.09	0	0.00%	0.00%	0.00%	
3078	243689 05HARBER 138 243700 05SPICEW 138 1	243689	05HARBER	243700	05SPICEW	1	138	205	AEP	219	255	Base Case	0	0.2	-	0.09	0	0.00%	0.00%	0.00%	
3079	242776 05ROCKHS 138 242820 05SUNDL1 138 1	242776	05ROCKHS	242820	05SUNDL1	1	138	205	AEP	219	223	Base Case	0	-0.2	-	0.08	0	-0.03%	-0.03%	0.16%	
3080	243350 05NICKER 138 243376 05SODUS 138 1	243350	05NICKER	243376	05SODUS	1	138	205	AEP	219	255	Base Case	0	-0.2	-	0.08	0	0.02%	0.02%	0.02%	
3081	247926 T131 TR 138 926862 AC1-173 MAIN 138 1	247926	T131 TR	926862	AC1-173 MAIN	1	138	205	AEP	9999	9999	Base Case	0	-7.9	-	0.08	0	-0.01%	-0.01%	-0.01%	
3082	250171 08OAKBK1 138 250172 08AERO 138 1	250171	08OAKBK1	250172	08AERO	1	138	212	DEO&K	301	301	Base Case	0	-0.2	-	0.07	0	-0.01%	-0.01%	-0.01%	
3083	238773 02GTQ-13 138 239119 02SSPQ13 138 1	238773	02GTQ-13	239119	02SSPQ13	1	138	202	ATSI	273	332	Base Case	0	-0.2	-	0.07	0	-0.05%	-0.05%	-0.01%	
3084	244745 05BABBIT1-2 138 245491 05BABBIT3-4 138 Z1	244745	05BABBIT1-2	245491	05BABBIT3-4	Z1	138	205	AEP	99999	99999	Base Case	0	53.1	-	0.05	0	0.00%	0.00%	0.00%	
3085	244745 05BABBIT1-2 138 245491 05BABBIT3-4 138 Z2	244745	05BABBIT1-2	245491	05BABBIT3-4	Z2	138	205	AEP	99999	99999	Base Case	0	53.1	-	0.05	0	0.00%	0.00%	0.00%	
3086	238640 02CRISS 138 239073 02ROBERT 138 1	238640	02CRISS	239073	02ROBERT	1	138	202	ATSI	152	179	Base Case	0	-0.1	-	0.05	0	0.04%	0.04%	-0.04%	
3087	242638 05FIELDALE1 138 244390 05FIELDALE3 138 Z1	242638	05FIELDALE1	244390	05FIELDALE3	Z1	138	205	AEP	99999	99999	Base Case	0	45	-	0.04	0	0.02%	0.02%	0.58%	
3088	244390 05FIELDALE3 138 244904 05FIELDALE4 138 ZF	244390	05FIELDALE3	244904	05FIELDALE4	ZF	138	205	AEP	99999	99999	Base Case	0	44.9	-	0.04	0	0.02%	0.02%	0.58%	
3089	243799 05FIELDALE2 138 244904 05FIELDALE4 138 Z2	243799	05FIELDALE2	244904	05FIELDALE4	Z2	138	205	AEP	99999	99999	Base Case	0	-44.9	-	0.04	0	0.02%	0.02%	0.58%	
3090	242534 05ALLOY 138 247535 R-076 138 Z1	242534	05ALLOY	247535	R-076	Z1	138	205	AEP	9999	9999	Base Case	0	-4.4	-	0.04	0	0.00%	0.00%	0.00%	
3091	242566 05BROADF 138 242567 05BROADX 138 SR	242566	05BROADF	242567	05BROADX	SR	138	205	AEP	348	370	Base Case	0	0.1	-	0.04	0	0.00%	0.00%	0.00%	
3092	246931 05BLUECK 115 246932 05BLCKCS 115 1	246931	05BLUECK	246932	05BLCKCS	1	115	205	AEP	99999	99999	Base Case	0	-39.3	-	0.04	0	-0.03%	-0.03%	-0.03%	
3093	238997 02NEQ-16 138 239014 02NSQ-16 138 1	238997	02NEQ-16	239014	02NSQ-16	1	138	202	ATSI	278	339	Base Case	0	0.1	-	0.04	0	-0.09%	-0.09%	0.03%	
3094	243266 05COUNTR 138 247620 Y3-023 138 1	243266	05COUNTR	247620	Y3-023	1	138	205	AEP	9999	9999	Base Case	0	-3.6	-	0.04	0	0.00%	0.00%	0.00%	
3095	249995 08CLINCO 138 250122 08WARRN1 138 1	249995	08CLINCO	250122	08WARRN1	1	138	212	DEO&K	198	198	Base Case	0	-0.1	-	0.04	0	-0.13%	-0.13%	-0.13%	
3096	242684 05J.FERR 138 242685 05J.FERX 138 SR	242684	05J.FERR	242685	05J.FERX	SR	138	205	AEP	383	449	Base Case	0	0.1	-	0.03	0	0.00%	0.00%	0.00%	
3097	238853 02KDTPQ1 138 238956 02MFLDQ1 138 1	238853	02KDTPQ1	238956	02MFLDQ1	1	138	202	ATSI	176	229	Base Case	0	0.1	-	0.03	0	-0.14%	-0.14%	0.05%	
3098	243856 05JUG ST 1-6 138 246647 05JUG ST T1 138 Z1	243856	05JUG ST 1-6	246647	05JUG ST T1	Z1	138	205	AEP	99999	99999	Base Case	0	30	-	0.03	0	0.00%	0.00%	0.00%	
3099	242955 05APPLE VLYZ 138 245566 05APPLE VLY8 138 Z1	242955	05APPLE VLYZ	245566	05APPLE VLY8	Z1	138	205	AEP	23205	23205	Base Case	0	6.7	-	0.03	0	0.00%	0.00%	0.00%	
3100	243786 05WILMINGTON 138 247106 05VARNER 138 Z1	243786	05WILMINGTON	247106	05VARNER	Z1	138	205	AEP	99999	99999	Base Case	0	-28	-	0.03	0	0.00%	0.00%	0.00%	
3101	239312 02NS-YORK 138 239348 02WORTHST 138 1	239312	02NS-YORK	239348	02WORTHST	1	138	202	ATSI	278	343	Base Case	0	-0.1	-	0.03	0	-0.07%	-0.07%	0.00%	
3102	242745 05PEAKCK 138 270147 AE1-018 C 138 1	242745	05PEAKCK	270147	AE1-018 C	1	138	205	AEP	9999	9999	Base Case	0	-2.2	-	0.02	0	0.00%	0.00%	0.00%	
3103	244412 05WTRV SLR C 138 247134 05EWATRV 138 1	244412	05WTRV SLR C	247134	05EWATRV	1	138	205	AEP	9999	9999	Base Case	0	1.8	-	0.02	0	0.00%	0.00%	0.00%	
3104	243856 05JUG ST 1-6 138 247065 05JUG ST T2 138 Z1	243856	05JUG ST 1-6	247065	05JUG ST T2	Z1	138	205	AEP	99999	99999	Base Case	0	13.4	-	0.01	0	0.00%	0.00%	0.00%	
3105	239099 02SENECA 138 239935 02MARKWEST 138 1	239099	02SENECA	239935	02MARKWEST	1	138	202	ATSI	312	380	Base Case	0	0	-	0.01	0	0.68%	0.68%	-0.05%	
3106	243517 05CAP AV 138 247643 Z2-116 C 138 1	243517	05CAP AV	247643	Z2-116 C	1	138	205	AEP	9999	9999	Base Case	0	-1	-	0.01	0	0.00%	0.00%	0.00%	
3107	243382 05TANNER CK1 138 245407 05TANNER CK2 138 Z1	243382	05TANNER CK1	245407	05TANNER CK2	Z1	138	205	AEP	213	280	Base Case	0	0	-	0.01	0	0.00%	0.00%	0.00%	
3108	242737 05OPOSSUMCK 138 247765 05OPOSUMC_CB 138 Z1	242737	05OPOSSUMCK	247765	05OPOSUMC_CB	Z1	138	205	AEP	358	421	Base Case	0	0	-	0.01	0	0.00%	0.00%	0.00%	
3109	242737 05OPOSSUMCK 138 246414 05OPOSUMC_CA 138 Z2	242737	05OPOSSUMCK	246414	05OPOSUMC_CA	Z2	138	205	AEP	410	527	Base Case	0	0	-	0.01	0	0.00%	0.00%	0.00%	
3110	907200 AD1-103 TAP 345 934760 AD1-103 MAIN 345 1	907200	AD1-103 TAP	934760	AD1-103 MAIN	1	345	202	ATSI	100	100	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3111	243518 05GROVES 138 246760 05REFUGE 138 1	243518	05GROVES	246760	05REFUGE	1	138	205	AEP	209	209	Base Case	0	0	-	0	0	-0.02%	-0.02%	0.00%	
3112	242807 05SPORN 138 247040 05MOUNTN 138 2	242807	05SPORN	247040	05MOUNTN	2	138	205	AEP	219	251	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3113	242807 05SPORN 138 247040 05MOUNTN 138 1	242807	05SPORN	247040	05MOUNTN	1	138	205	AEP	219	251	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3114	934750 AD1-102 TAP 138 934751 AD1-102 MAIN 138 1	934750	AD1-102 TAP	934751	AD1-102 MAIN	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3115	926010 AC1-078 TAP 138 926015 AC1-078 MAIN 138 1	926010	AC1-078 TAP	926015	AC1-078 MAIN	1	138	202	ATSI	238	317	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3116	937246 AD2-163_MAIN 138 937247 AD2-163_POI 138 1	937246	AD2-163_MAIN	937247	AD2-163_POI	1	138	202	ATSI	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3117	938700 AE1-092 TAP 138 938701 AE1-092 GSU 138 1	938700	AE1-092 TAP	938701	AE1-092 GSU	1	138	209	DAY	260	260	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3118	939800 AE1-212 TAP 138 939801 AE1-212 MAIN 138 1	939800	AE1-212 TAP	939801	AE1-212 MAIN	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3119	247712 05SULLIVAN 345 933440 AC2-157 MAIN 345 1	247712	05SULLIVAN	933440	AC2-157 MAIN	1	345	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3120	247506 U2-041 C 345 925130 AB2-170 MAIN 345 1	247506	U2-041 C	925130	AB2-170 MAIN	1	345	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
3121	932050 AC2-015 TAP 138 932051 AC2-015 MAIN 138 1	932050	AC2-015 TAP	932051	AC2-015 MAIN	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3122	243902 05HARDIN SS 345 247506 U2-041 C 345 1	243902	05HARDIN SS	247506	U2-041 C	1	345	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3123	247712 05SULLIVAN 345 930470 AB1-088 MAIN 345 1	247712	05SULLIVAN	930470	AB1-088 MAIN	1	345	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3124	247712 05SULLIVAN 345 930460 AB1-087 MAIN 345 1	247712	05SULLIVAN	930460	AB1-087 MAIN	1	345	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3125	238704 02ET Q-1 138 240249 02CHIAQ-1 138 1	238704	02ET Q-1	240249	02CHIAQ-1	1	138	202	ATSI	273	332	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3126	243076 05CONESPREPZ 138 247725 05CONESPREP 138 1	243076	05CONESPREPZ	247725	05CONESPREP	1	138	205	AEP	145	177	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3127	247460 05NOTTINGH34 138 926250 AC1-103 GSU1 138 1	247460	05NOTTINGH34	926250	AC1-103 GSU1	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3128	247460 05NOTTINGH34 138 926251 AC1-103 GSU2 138 1	247460	05NOTTINGH34	926251	AC1-103 GSU2	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3129	243682 05CONSOL 138 243683 05CONSTP 138 1	243682	05CONSOL	243683	05CONSTP	1	138	205	AEP	205	284	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3130	243902 05HARDIN SS 345 934982 AD1-130 MAIN 345 1	243902	05HARDIN SS	934982	AD1-130 MAIN	1	345	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3131	935040 AD1-140 TAP 138 935041 AD1-140 MAIN 138 1	935040	AD1-140 TAP	935041	AD1-140 MAIN	1	138	202	ATSI	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3132	244198 05LEMASTER 138 244569 05LEMAST_CAP 138 Z1	244198	05LEMASTER	244569	05LEMAST_CAP	Z1	138	205	AEP	822	902	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3133	243541 05METALC 138 246765 05OUTERB 138 1	243541	05METALC	246765	05OUTERB	1	138	205	AEP	97	97	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3134	249981 08AKSTEEL2 138 250169 08AK_STL_CAP 138 1	249981	08AKSTEEL2	250169	08AK_STL_CAP	1	138	212	DEO&K	84	89	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3135	250106 08TODHJT 138 250168 TRENTON_2 138 1	250106	08TODHJT	250168	TRENTON_2	1	138	212	DEO&K	185	198	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3136	238533 02AMSTED 138 238575 02BLUBEL 138 1	238533	02AMSTED	238575	02BLUBEL	1	138	202	ATSI	50	50	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3137	239038 02PGQ-12 138 239040 02PGTP12 138 1	239038	02PGQ-12	239040	02PGTP12	1	138	202	ATSI	115	115	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3138	247757 05HERLAN SW 138 247843 05HERLAN_CAP 138 Z1	247757	05HERLAN SW	247843	05HERLAN_CAP	Z1	138	205	AEP	23205	23205	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3139	939390 AE1-170 POI 138 939391 AE1-170 MAIN 138 1	939390	AE1-170 POI	939391	AE1-170 MAIN	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3140	245332 05ANG1-2_CAP 138 246177 05ANGUIN1-2 138 Z1	245332	05ANG1-2_CAP	246177	05ANGUIN1-2	Z1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3141	247106 05VARNER 138 247107 05VARNER_CAP 138 Z1	247106	05VARNER	247107	05VARNER_CAP	Z1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3142	243575 05ST.CLR 138 247716 05ST.CLR_MSC 138 Z1	243575	05ST.CLR	247716	05ST.CLR_MSC	Z1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3143	243575 05ST.CLR 138 247010 05ST.CLR_TSC 138 Z1	243575	05ST.CLR	247010	05ST.CLR_TSC	Z1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3144	242993 05E.LEIPSIC2 138 893021 V2-006 C 138 1	242993	05E.LEIPSIC2	893021	V2-006 C	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3145	239037 02PGQ-11 138 239038 02PGQ-12 138 ZB	239037	02PGQ-11	239038	02PGQ-12	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3146	244300 05GEMINI_CAP 138 245994 05GEMINI 138 Z1	244300	05GEMINI_CAP	245994	05GEMINI	Z1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3147	242775 05ROCKCAS SS 138 245675 05WHITEHOUS8 138 Z1	242775	05ROCKCAS SS	245675	05WHITEHOUS8	Z1	138	205	AEP	109	133	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3148	242550 05BEARSK 138 314671 4BEARSKN 138 Z1	242550	05BEARSK	314671	4BEARSKN	Z1	138	205/345	AEP/DVP	238	262	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3149	250044 08HEBRN2 138 250045 08HEBRN1 138 Z1	250044	08HEBRN2	250045	08HEBRN1	Z1	138	212	DEO&K	309	349	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3150	238830 02IWQ-16 138 238831 02IWQ-17 138 ZB	238830	02IWQ-16	238831	02IWQ-17	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3151	250005 08CRNEL4 138 250115 08TP7482 138 1	250005	08CRNEL4	250115	08TP7482	1	138	212	DEO&K	266	266	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3152	249989 08BKJ246 138 250165 08BKJDB2 138 1	249989	08BKJ246	250165	08BKJDB2	1	138	212	DEO&K	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3153	249989 08BKJ246 138 250164 08BKJDB1 138 1	249989	08BKJ246	250164	08BKJDB1	1	138	212	DEO&K	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3154	238713 02FB Q-1 138 238714 02FB Q-3 138 ZB	238713	02FB Q-1	238714	02FB Q-3	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3155	244412 05WTRV SLR C 138 247966 05WTRV SLR E 138 1	244412	05WTRV SLR C	247966	05WTRV SLR E	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3156	249988 08BKJ135 138 249989 08BKJ246 138 Z1	249988	08BKJ135	249989	08BKJ246	Z1	138	212	DEO&K	309	349	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3157	238708 02EVRGRN 138 240077 AB1-015 E 138 1	238708	02EVRGRN	240077	AB1-015 E	1	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3158	242768 05RIDGWX 138 242769 05RIDGWY 138 ZB	242768	05RIDGWX	242769	05RIDGWY	ZB	138	205	AEP	287	299	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3159	238704 02ET Q-1 138 238705 02ET Q-2 138 ZB	238704	02ET Q-1	238705	02ET Q-2	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3160	242767 05RIDGWA 138 242768 05RIDGWX 138 ZB	242767	05RIDGWA	242768	05RIDGWX	ZB	138	205	AEP	287	299	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3161	239046 02PN Q-2 138 239047 02PN TP 138 1	239046	02PN Q-2	239047	02PN TP	1	138	202	ATSI	265	316	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3162	243226 05LAWBG1 345 243227 05LAWBG2 345 Z1	243226	05LAWBG1	243227	05LAWBG2	Z1	345	205	AEP	1701	1813	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3163	239049 02PV Q1 138 239051 02PV Q3 138 ZB	239049	02PV Q1	239051	02PV Q3	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3164	239053 02PVMQ15 138 239054 02PVMQ16 138 ZB	239053	02PVMQ15	239054	02PVMQ16	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3165	249981 08AKSTEEL2 138 250162 08GARVER 138 1	249981	08AKSTEEL2	250162	08GARVER	1	138	212	DEO&K	301	301	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3166	238701 02ERQ-11 138 238702 02ERQ-14 138 ZB	238701	02ERQ-11	238702	02ERQ-14	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3167	243562 05ROSS 138 243836 05ROSS T1T2 138 Z1	243562	05ROSS	243836	05ROSS T1T2	Z1	138	205	AEP	383	449	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3168	243217 05DEQUIN 345 243991 05DEQUIN_REA 345 Z1	243217	05DEQUIN	243991	05DEQUIN_REA	Z1	345	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3169	243562 05ROSS 138 243836 05ROSS T1T2 138 Z2	243562	05ROSS	243836	05ROSS T1T2	Z2	138	205	AEP	383	449	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3170	242586 05CAVE SPR2Z 138 245723 05CAVE SPR 138 Z1	242586	05CAVE SPR2Z	245723	05CAVE SPR	Z1	138	205	AEP	164	180	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3171	242589 05CENTCR 138 242590 05CENTER 138 Z1	242589	05CENTCR	242590	05CENTER	Z1	138	205	AEP	223	310	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3172	238698 02ENQ-11 138 238699 02ENQ-12 138 ZB	238698	02ENQ-11	238699	02ENQ-12	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3173	243562 05ROSS 138 247357 05ROSS_CAP 138 Z1	243562	05ROSS	247357	05ROSS_CAP	Z1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3174	238818 02ILQ-11 138 238819 02ILQ-12 138 ZB	238818	02ILQ-11	238819	02ILQ-12	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3175	238692 02ASH_EAST 138 239055 02Q15TAP 138 1	238692	02ASH_EAST	239055	02Q15TAP	1	138	202	ATSI	273	338	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3176	245476 05ROB PK34 138 245505 05ROB PK T6 138 ZH	245476	05ROB PK34	245505	05ROB PK T6	ZH	138	205	AEP	747	747	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3177	247643 Z2-116 C 138 247969 Z2-116 E 138 1	247643	Z2-116 C	247969	Z2-116 E	1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3178	239092 02SAMMIS 345 253902 15BVRVAL 345 S1	239092	02SAMMIS	253902	15BVRVAL	S1	345	202/215	ATSI/DLCO	1195	1195	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3179	247552 U4-029 C 138 247941 U4-029 E 138 1	247552	U4-029 C	247941	U4-029 E	1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3180	243130 05TIFFIN 138 247548 V4-010 C 138 Z1	243130	05TIFFIN	247548	V4-010 C	Z1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
3181	238815 02IKQ-15 138 238817 02IKQ-18 138 ZB	238815	02IKQ-15	238817	02IKQ-18	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3182	243013 05GAVIN1 138 246324 05GAVIN_CAP 138 Z1	243013	05GAVIN1	246324	05GAVIN_CAP	Z1	138	205	AEP	329	361	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3183	243127 05TIDD 1-2 138 245389 05TIDD_B_X 138 ZB	243127	05TIDD 1-2	245389	05TIDD_B_X	ZB	138	205	AEP	586	598	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3184	247551 U4-028 C 138 247940 U4-028 E 138 1	247551	U4-028 C	247940	U4-028 E	1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3185	247549 V3-028 C 345 247948 V3-028 E 345 1	247549	V3-028 C	247948	V3-028 E	1	345	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3186	247548 V4-010 C 138 247947 V4-010 E 138 1	247548	V4-010 C	247947	V4-010 E	1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3187	239116 02SPXFQ2 138 239117 02SPXFQ4 138 ZB	239116	02SPXFQ2	239117	02SPXFQ4	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3188	247543 V3-007 C 345 247935 V3-007 E 345 1	247543	V3-007 C	247935	V3-007 E	1	345	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3189	247540 U2-072 C 345 247932 U2-072 E 345 1	247540	U2-072 C	247932	U2-072 E	1	345	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3190	247536 05BLUFF P WF 138 247929 S-071 E 138 1	247536	05BLUFF P WF	247929	S-071 E	1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3191	243127 05TIDD 1-2 138 243129 05TIDD_C_X 138 ZB	243127	05TIDD 1-2	243129	05TIDD_C_X	ZB	138	205	AEP	670	747	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3192	243575 05ST.CLR 138 247717 05ST.CLR_MSR 138 Z1	243575	05ST.CLR	247717	05ST.CLR_MSR	Z1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3193	247506 U2-041 C 345 247919 U2-041 E 345 1	247506	U2-041 C	247919	U2-041 E	1	345	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3194	243484 05CITYCO 138 294740 P44 138 1	243484	05CITYCO	294740	P44	1	138	205	AEP	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3195	243669 05B SAND 138 243678 05BSANDX 138 ZB	243669	05B SAND	243678	05BSANDX	ZB	138	205	AEP	287	337	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3196	238807 02HMLQ12 138 238809 02HMLQ14 138 ZB	238807	02HMLQ12	238809	02HMLQ14	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3197	242658 05GREENB 138 313704 4KANAWHATL 138 1	242658	05GREENB	313704	4KANAWHATL	1	138	205/345	AEP/DVP	95	95	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3198	247506 U2-041 C 345 247549 V3-028 C 345 Z1	247506	U2-041 C	247549	V3-028 C	Z1	345	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3199	238862 02KL Q-1 138 238863 02KL Q-3 138 ZB	238862	02KL Q-1	238863	02KL Q-3	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3200	238663 02DLQ-15 138 240248 02DLQ-18 138 ZB	238663	02DLQ-15	240248	02DLQ-18	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3201	242941 05OHIOCT 345 244319 05OHIOCT_REA 345 Z1	242941	05OHIOCT	244319	05OHIOCT_REA	Z1	345	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3202	238859 02KIQ-11 138 238860 02KIQ-14 138 ZB	238859	02KIQ-11	238860	02KIQ-14	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3203	243100 05SHELGH 138 243101 05SHELNS 138 1	243100	05SHELGH	243101	05SHELNS	1	138	205	AEP	97	97	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3204	238556 02AYERSV 138 238659 02DEFISW 138 1	238556	02AYERSV	238659	02DEFISW	1	138	202	ATSI	216	264	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3205	243488 05CONESVILLE 138 243489 05CONESV_CAP 138 Z1	243488	05CONESVILLE	243489	05CONESV_CAP	Z1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3206	238867 02KPQ-12 138 238868 02KPQ-13 138 ZB	238867	02KPQ-12	238868	02KPQ-13	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3207	238661 02DKQ-16 138 238662 02DKQ-17 138 ZB	238661	02DKQ-16	238662	02DKQ-17	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3208	238657 02DBQ-14 138 239251 02GEQUTZ 138 1	238657	02DBQ-14	239251	02GEQUTZ	1	138	202	ATSI	258	308	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3209	238869 02KY Q-1 138 238870 02KY Q-3 138 ZB	238869	02KY Q-1	238870	02KY Q-3	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3210	238798 02HKQ-21 138 238799 02HKQ-22 138 ZB	238798	02HKQ-21	238799	02HKQ-22	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3211	243488 05CONESVILLE 138 246914 05CONESV AUX 138 Z5	243488	05CONESVILLE	246914	05CONESV AUX	Z5	138	205	AEP	548	601	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3212	243488 05CONESVILLE 138 246914 05CONESV AUX 138 ZN	243488	05CONESVILLE	246914	05CONESV AUX	ZN	138	205	AEP	548	601	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3213	243488 05CONESVILLE 138 246914 05CONESV AUX 138 ZS	243488	05CONESVILLE	246914	05CONESV AUX	ZS	138	205	AEP	548	601	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3214	242833 05TRAILF 138 247048 05PINNCK 138 Z1	242833	05TRAILF	247048	05PINNCK	Z1	138	205	AEP	185	220	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3215	238856 02KH Q-3 138 238870 02KY Q-3 138 1	238856	02KH Q-3	238870	02KY Q-3	1	138	202	ATSI	347	423	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3216	238876 02LAQ-12 138 238877 02LAQ-13 138 ZB	238876	02LAQ-12	238877	02LAQ-13	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3217	238656 02DBQ-11 138 238657 02DBQ-14 138 ZB	238656	02DBQ-11	238657	02DBQ-14	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3218	238855 02KH Q-1 138 238869 02KY Q-1 138 1	238855	02KH Q-1	238869	02KY Q-1	1	138	202	ATSI	355	434	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3219	242946 05TIDD 345 253965 15COLLIE 345 S1	242946	05TIDD	253965	15COLLIE	S1	345	205/215	AEP/DLCO	1195	1195	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3220	238855 02KH Q-1 138 238856 02KH Q-3 138 ZB	238855	02KH Q-1	238856	02KH Q-3	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3221	242948 05WBELLA 345 244329 05W.BELL_REA 345 Z1	242948	05WBELLA	244329	05W.BELL_REA	Z1	345	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3222	239210 02IOQ-16 138 239211 02IOQ-17 138 ZB	239210	02IOQ-16	239211	02IOQ-17	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3223	239212 02AUSTQ2 138 239213 02AUSTQ1 138 ZB	239212	02AUSTQ2	239213	02AUSTQ1	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3224	243026 05KAMMER13 138 246111 05KAMMER T5 138 Z5	243026	05KAMMER13	246111	05KAMMER T5	Z5	138	205	AEP	383	449	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3225	238647 02CY Q-1 138 238648 02CY Q-2 138 ZB	238647	02CY Q-1	238648	02CY Q-2	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3226	242717 05MILTON 138 930192 AB1-055 E 138 1	242717	05MILTON	930192	AB1-055 E	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3227	238541 02AS Q-1 138 238546 02ASQ-11 138 ZB	238541	02AS Q-1	238546	02ASQ-11	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3228	238540 02ARMCO+ 138 239196 02ARM+BU 138 1	238540	02ARMCO+	239196	02ARM+BU	1	138	202	ATSI	157	189	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3229	239225 02STYDCO 138 239226 02STYDCOQ11 138 ZB	239225	02STYDCO	239226	02STYDCOQ11	ZB	138	202	ATSI	265	287	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3230	238790 02HCQ-13 138 238791 02HCQ-14 138 ZB	238790	02HCQ-13	238791	02HCQ-14	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3231	250075 08MTGRY1 138 250111 08TP5483 138 1	250075	08MTGRY1	250111	08TP5483	1	138	212	DEO&K	198	198	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3232	243044 05MILLWO 138 246941 05MILL2Z 138 Z1	243044	05MILLWO	246941	05MILL2Z	Z1	138	205	AEP	187	205	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3233	246237 05THIVENER2Z 138 246273 05THIVENR SS 138 Z2	246237	05THIVENER2Z	246273	05THIVENR SS	Z2	138	205	AEP	329	361	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3234	246254 05TUNNEL RDG 138 247775 05DIXON SS 138 Z1	246254	05TUNNEL RDG	247775	05DIXON SS	Z1	138	205	AEP	205	284	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3235	238643 02CW Q-1 138 238644 02CW Q-3 138 ZB	238643	02CW Q-1	238644	02CW Q-3	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3236	239282 02PROQ12 138 239283 02PROQ13 138 ZB	239282	02PROQ12	239283	02PROQ13	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3237	238882 02LE Q-1 138 238883 02LE Q-3 138 ZB	238882	02LE Q-1	238883	02LE Q-3	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3238	238851 02KD Q-1 138 238852 02KD Q-3 138 ZB	238851	02KD Q-1	238852	02KD Q-3	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3239	238893 02LF Q-2 138 238894 02LF Q-4 138 ZB	238893	02LF Q-2	238894	02LF Q-4	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3240	239345 02SIL_AE+ 138 239346 02SILICA+ 138 1	239345	02SIL_AE+	239346	02SILICA+	1	138	202	ATSI	278	343	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
3241	238904 02LMQ-11 138 240252 02LMQ-12 138 ZL	238904	02LMQ-11	240252	02LMQ-12	ZL	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3242	243037 05MEIGS SS 138 246310 05MEIGS SW1Z 138 Z1	243037	05MEIGS SS	246310	05MEIGS SW1Z	Z1	138	205	AEP	95	95	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3243	238629 02CLVRDL 138 239237 02CLVR-S 138 ZB	238629	02CLVRDL	239237	02CLVR-S	ZB	138	202	ATSI	329	413	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3244	242961 05BIGGRC 138 246940 05BIGR2Z 138 1	242961	05BIGGRC	246940	05BIGR2Z	1	138	205	AEP	205	205	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3245	238918 02SLTRQ2 138 238919 02SLTRQ4 138 ZB	238918	02SLTRQ2	238919	02SLTRQ4	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3246	238781 02HANNA 345 253902 15BVRVAL 345 S1	238781	02HANNA	253902	15BVRVAL	S1	345	202/215	ATSI/DLCO	1195	1195	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3247	238620 02CL Q12 138 238621 02CL Q13 138 ZB	238620	02CL Q12	238621	02CL Q13	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3248	243987 05SULLVN_REA 345 247712 05SULLIVAN 345 Z1	243987	05SULLVN_REA	247712	05SULLIVAN	Z1	345	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3249	923061 AB1-105 TAP 345 923062 AB1-105 OP 345 1	923061	AB1-105 TAP	923062	AB1-105 OP	1	345	202/3	ATSI/PJM-FSA	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3250	242816 05STOCKT 138 926461 AC1-117 C 138 1	242816	05STOCKT	926461	AC1-117 C	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3251	243234 05TWIN B 345 243385 05TWIN B 138 6	243234	05TWIN B	243385	05TWIN B	6	345/138	205	AEP	540	540	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3252	240258 02FUQ-13 138 240259 02FUQ-14 138 ZL	240258	02FUQ-13	240259	02FUQ-14	ZL	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3253	243497 05DELANO 138 925342 AC1-001 MAIN 138 1	243497	05DELANO	925342	AC1-001 MAIN	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3254	913030 Y1-006 TAP 138 913031 Y1-006 MAIN 138 1	913030	Y1-006 TAP	913031	Y1-006 MAIN	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3255	238933 02LYDQ14 138 238935 02LYQ-13 138 ZB	238933	02LYDQ14	238935	02LYQ-13	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3256	242965 05BRIDGEVILZ 138 245839 05BRIDGEVIL 138 Z1	242965	05BRIDGEVILZ	245839	05BRIDGEVIL	Z1	138	205	AEP	150	180	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3257	240352 02PM2Q11 138 240353 02PM2Q12 138 ZB	240352	02PM2Q11	240353	02PM2Q12	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3258	238941 02MANSFD 345 253936 15CRESCN 345 S1	238941	02MANSFD	253936	15CRESCN	S1	345	202/215	ATSI/DLCO	1244	1411	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3259	238774 02GTQ-14 138 239222 02CHSTL 138 2	238774	02GTQ-14	239222	02CHSTL	2	138	202	ATSI	278	339	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3260	240359 02BENTLEYQ1 138 240360 02BENTLEYQ3 138 ZB	240359	02BENTLEYQ1	240360	02BENTLEYQ3	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3261	242937 05KAMMER 345 246108 05KAMMER24 138 31	242937	05KAMMER	246108	05KAMMER24	31	345/138	205	AEP	747	747	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3262	243510 05GAHANN 138 246095 05GAHAN T1-4 138 Z2	243510	05GAHANN	246095	05GAHAN T1-4	Z2	138	205	AEP	131	164	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3263	242937 05KAMMER 345 243026 05KAMMER13 138 30	242937	05KAMMER	243026	05KAMMER13	30	345/138	205	AEP	450	450	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3264	242529 05TRISTA 345 242835 05TRISTA 138 3	242529	05TRISTA	242835	05TRISTA	3	345/138	205	AEP	501	535	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3265	238511 02GMC-J 138 238512 02GMC-K 138 ZB	238511	02GMC-J	238512	02GMC-K	ZB	138	202	ATSI	222	265	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3266	238613 02CF Q-4 138 238614 02CFQ-14 138 ZB	238613	02CF Q-4	238614	02CFQ-14	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3267	243510 05GAHANN 138 246095 05GAHAN T1-4 138 Z3	243510	05GAHANN	246095	05GAHAN T1-4	Z3	138	205	AEP	131	164	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3268	238950 02MBQ-13 138 238951 02MBQ-14 138 ZB	238950	02MBQ-13	238951	02MBQ-14	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3269	238838 02JIQ-11 138 238839 02JIQ-14 138 ZB	238838	02JIQ-11	238839	02JIQ-14	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3270	893021 V2-006 C 138 893022 V2-006 E 138 1	893021	V2-006 C	893022	V2-006 E	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3271	270163 AB2-067 MAIN 765 937371 AD2-189 765 1	270163	AB2-067 MAIN	937371	AD2-189	1	765	205/3	AEP/PJM-FSA	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3272	270147 AE1-018 C 138 270148 AE1-018 E 138 1	270147	AE1-018 C	270148	AE1-018 E	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3273	243510 05GAHANN 138 246095 05GAHAN T1-4 138 Z4	243510	05GAHANN	246095	05GAHAN T1-4	Z4	138	205	AEP	131	164	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3274	242525 05KANAWH 345 242526 05KANAWZ 345 SC	242525	05KANAWH	242526	05KANAWZ	SC	345	205	AEP	1494	1595	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3275	250166 HLCRST AB114 138 930062 AB1-014 E 138 1	250166	HLCRST AB114	930062	AB1-014 E	1	138	212	DEO&K	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3276	246750 05ROCKPT 138 253586 10AEP_T 138 1	246750	05ROCKPT	253586	10AEP_T	1	138	205/210	AEP/SIGE	143	143	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3277	238972 02MX Q-2 138 238973 02MX Q-4 138 ZB	238972	02MX Q-2	238973	02MX Q-4	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3278	244195 05HOLSTN ARM 138 245222 05W.KINGS_BP 138 Z1	244195	05HOLSTN ARM	245222	05W.KINGS_BP	Z1	138	205	AEP	94	105	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3279	933720 AC2-195 TAP 138 933724 AC2-195 MAIN 138 1	933720	AC2-195 TAP	933724	AC2-195 MAIN	1	138	202	ATSI	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3280	238996 02NEQ-15 138 238997 02NEQ-16 138 ZB	238996	02NEQ-15	238997	02NEQ-16	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3281	242807 05SPORN 138 247050 05CLINE 138 Z1	242807	05SPORN	247050	05CLINE	Z1	138	205	AEP	167	167	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3282	246889 05BIERSR 138 247356 05BIERSR_CAP 138 Z1	246889	05BIERSR	247356	05BIERSR_CAP	Z1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3283	250149 08TP5381 138 250161 08T758 138 1	250149	08TP5381	250161	08T758	1	138	212	DEO&K	298	298	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3284	242628 05E.LYNN 138 246320 05NEW EAGLE 138 Z1	242628	05E.LYNN	246320	05NEW EAGLE	Z1	138	205	AEP	219	255	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3285	250131 08WILEY2 138 250155 08WILCAP 138 1	250131	08WILEY2	250155	08WILCAP	1	138	212	DEO&K	68	68	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3286	242789 05SALTV2 138 923771 AB2-011 C 138 1	242789	05SALTV2	923771	AB2-011 C	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3287	930041 AB1-006 C 345 930042 AB1-006 E 345 1	930041	AB1-006 C	930042	AB1-006 E	1	345	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3288	242789 05SALTV2 138 923761 AB2-010 C 138 1	242789	05SALTV2	923761	AB2-010 C	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3289	250117 08TRMNL1 138 250118 08TRMNL2 138 Z1	250117	08TRMNL1	250118	08TRMNL2	Z1	138	212	DEO&K	504	504	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3290	238762 02GR Q-3 138 238763 02GR Q-4 138 ZB	238762	02GR Q-3	238763	02GR Q-4	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3291	250092 08REDBK1 138 250093 08REDBK2 138 Z1	250092	08REDBK1	250093	08REDBK2	Z1	138	212	DEO&K	455	479	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3292	926461 AC1-117 C 138 926462 AC1-117 E 138 1	926461	AC1-117 C	926462	AC1-117 E	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3293	926250 AC1-103 GSU1 138 926251 AC1-103 GSU2 138 1	926250	AC1-103 GSU1	926251	AC1-103 GSU2	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3294	239013 02NSQ-15 138 239014 02NSQ-16 138 ZB	239013	02NSQ-15	239014	02NSQ-16	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3295	239025 02NY Q11 138 239026 02NY Q12 138 ZB	239025	02NY Q11	239026	02NY Q12	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3296	250091 08RCHLE3 138 913222 Y1-054 E 138 1	250091	08RCHLE3	913222	Y1-054 E	1	138	212	DEO&K	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3297	243464 05ADAMS 138 924372 AB2-085 MAIN 138 1	243464	05ADAMS	924372	AB2-085 MAIN	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3298	924790 AB2-131 TAP 138 924791 AB2-131 C OP 138 1	924790	AB2-131 TAP	924791	AB2-131 C OP	1	138	202/3	ATSI/PJM-FSA	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3299	923771 AB2-011 C 138 923772 AB2-011 E 138 1	923771	AB2-011 C	923772	AB2-011 E	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3300	238754 02GFQ-12 138 238755 02GFQ-2 138 1	238754	02GFQ-12	238755	02GFQ-2	1	138	202	ATSI	278	287	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	

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3301	243510 05GAHANN 138 246095 05GAHAN T1-4 138 Z1	243510	05GAHANN	246095	05GAHAN T1-4	Z1	138	205	AEP	131	164	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3302	923761 AB2-010 C 138 923762 AB2-010 E 138 1	923761	AB2-010 C	923762	AB2-010 E	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3303	238671 02DW Q-1 138 238672 02DW Q-3 138 ZB	238671	02DW Q-1	238672	02DW Q-3	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	

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APPENDIX B.

DFAX Reports and Spreadsheets provided by PJM for Barton Facility and other facilities

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1																					
2																					
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9																					
10	**Monitored Facility**	**Fr Bus**	**Fr Name**	**To Bus**	**To Name**	**CKT**	**kVs**	**Areas**	**Areas Name**	**Rate Base (MVA)**	**Rate Cont (MVA)**	**Cont Name**	**Cont ID**	**Base Flow (MW)**	**Cont Flow (MW)**	**Final DC %Loading**	**Severity Rank**	DPL Grea	DPL Sout	VP Mackeys 1 SP	
11	242940 05MUSKNG 345 242947 05WATERFORD 345 1	242940	05MUSKNG	242947	05WATERFORD	1	345	205	AEP	1025	1318	Base Case	0	-996.7	-	97.23	0	-1.15%	-1.15%	0.64%	
12	243026 05KAMMER13 138 246067 05NATRIUM34 138 1	243026	05KAMMER13	246067	05NATRIUM34	1	138	205	AEP	205	284	Base Case	0	193.2	-	94.23	0	0.09%	0.09%	-0.07%	
13	243353 05OLIVE 138 244930 05NEW CARLI1 138 1	243353	05OLIVE	244930	05NEW CARLI1	1	138	205	AEP	287	337	Base Case	0	226	-	78.74	0	0.13%	0.13%	0.11%	
14	250057 08M.FORT 138 250151 08HEBTAP 138 1	250057	08M.FORT	250151	08HEBTAP	1	138	212	DEO&K	238	238	Base Case	0	177.8	-	74.73	0	-0.06%	-0.06%	-0.04%	
15	235346 01RONCVRT 138 242777 05RONCVR 138 ZB	235346	01RONCVRT	242777	05RONCVR	ZB	138	201/205	AP/AEP	104	104	Base Case	0	-75.7	-	72.83	0	0.00%	0.00%	0.00%	
16	242835 05TRISTA 138 242842 05W HUNT 138 1	242835	05TRISTA	242842	05W HUNT	1	138	205	AEP	205	284	Base Case	0	148.3	-	72.33	0	-0.09%	-0.09%	-0.13%	
17	242935 05E LIMA 345 242989 05E LIMA 138 2	242935	05E LIMA	242989	05E LIMA	2	345/138	205	AEP	285	368	Base Case	0	205.5	-	72.1	0	0.02%	0.02%	0.05%	
18	242605 05CLNCHR 138 242606 05CLNLFD 138 1	242605	05CLNCHR	242606	05CLNLFD	1	138	205	AEP	223	310	Base Case	0	159.5	-	71.51	0	-0.11%	-0.11%	0.02%	
19	242701 05LEESVI 138 314667 4ALTVSTA 138 1	242701	05LEESVI	314667	4ALTVSTA	1	138	205/345	AEP/DVP	205	284	Base Case	0	145.3	-	70.9	0	-0.14%	-0.14%	-0.51%	
20	270140 AA2-116_POI 345 270141 AA2-116_MAIN 345 1	270140	AA2-116_POI	270141	AA2-116_MAIN	1	345	205	AEP	1239	1239	Base Case	0	-865.3	-	69.84	0	-0.54%	-0.54%	-0.54%	
21	242921 05CORNU 765 242924 05HANG R 765 1	242921	05CORNU	242924	05HANG R	1	765	205	AEP	1540	1540	Base Case	0	1066.8	-	69.27	0	-0.67%	-0.67%	-0.67%	
22	242926 05MALIS 765 243538 05MALISX 138 1	242926	05MALIS	243538	05MALISX	1	765/138	205	AEP	820	926	Base Case	0	567.8	-	69.24	0	0.24%	0.24%	0.12%	
23	243012 05G WASHGTON 138 243026 05KAMMER13 138 1	243012	05G WASHGTON	243026	05KAMMER13	1	138	205	AEP	446	621	Base Case	0	-308.1	-	69.08	0	-0.29%	-0.29%	0.29%	
24	238649 02DALE 138 245797 05W.CANTON2 138 1	238649	02DALE	245797	05W.CANTON2	1	138	202/205	ATSI/AEP	233	282	Base Case	0	-160.7	-	68.98	0	-0.10%	-0.10%	0.13%	
25	243537 05MALIS 138 243538 05MALISX 138 ZB	243537	05MALIS	243538	05MALISX	ZB	138	205	AEP	820	1054	Base Case	0	-564.9	-	68.9	0	0.24%	0.24%	0.12%	
26	239154 02W.FREM 138 243009 05FRMNT 138 1	239154	02W.FREM	243009	05FRMNT	1	138	202/205	ATSI/AEP	296	361	Base Case	0	202.3	-	68.36	0	0.00%	0.00%	-0.21%	
27	250145 08MELDAL 138 250154 08MELDLS 138 1	250145	08MELDAL	250154	08MELDLS	1	138	212	DEO&K	125	125	Base Case	0	-84.2	-	67.4	0	-0.05%	-0.05%	-0.05%	
28	235345 01HINTON 138 242668 05HINTON 138 ZB	235345	01HINTON	242668	05HINTON	ZB	138	201/205	AP/AEP	23	23	Base Case	0	-15.5	-	67.29	0	0.00%	0.00%	0.00%	
29	249581 08MELDAL 345 250145 08MELDAL 138 1	249581	08MELDAL	250145	08MELDAL	1	345/138	212	DEO&K	126	126	Base Case	0	-84	-	66.7	0	-0.05%	-0.05%	-0.05%	
30	250118 08TRMNL2 138 249575 08TERMNL 345 1	250118	08TRMNL2	249575	08TERMNL	1	138/345	212	DEO&K	504	504	Base Case	0	-335.6	-	66.59	0	-0.04%	-0.04%	-0.07%	
31	238514 02IRONV 138 238568 02BAYSHO 138 1	238514	02IRONV	238568	02BAYSHO	1	138	202	ATSI	223	271	Base Case	0	-148.2	-	66.44	0	0.01%	0.01%	-0.01%	
32	242987 05DEXTER 138 243619 05ROSEWOODSS 138 1	242987	05DEXTER	243619	05ROSEWOODSS	1	138	205	AEP	293	341	Base Case	0	194.6	-	66.41	0	0.01%	0.01%	0.20%	
33	243212 05BENTON 345 243250 05BENTON 138 1	243212	05BENTON	243250	05BENTON	1	345/138	205	AEP	488	521	Base Case	0	323.1	-	66.21	0	0.13%	0.13%	0.00%	
34	243026 05KAMMER13 138 246940 05BIGR2Z 138 1	243026	05KAMMER13	246940	05BIGR2Z	1	138	205	AEP	205	284	Base Case	0	135.3	-	66.02	0	-0.12%	-0.12%	0.05%	
35	243070 05OHIOCT 138 246770 05DRESDN 138 1	243070	05OHIOCT	246770	05DRESDN	1	138	205	AEP	680	795	Base Case	0	-448.3	-	65.93	0	-0.28%	-0.28%	-0.28%	
36	242668 05HINTON 138 242777 05RONCVR 138 1	242668	05HINTON	242777	05RONCVR	1	138	205	AEP	145	145	Base Case	0	95.3	-	65.74	0	0.00%	0.00%	0.00%	
37	243453 05BEATTY 345 245769 05ADKINS 345 1	243453	05BEATTY	245769	05ADKINS	1	345	205	AEP	1096	1203	Base Case	0	-719.3	-	65.63	0	-0.88%	-0.88%	-0.24%	
38	246940 05BIGR2Z 138 247128 05ASTNSS 138 1	246940	05BIGR2Z	247128	05ASTNSS	1	138	205	AEP	205	284	Base Case	0	134.2	-	65.45	0	-0.12%	-0.12%	0.05%	
39	242943 05SCANTO 345 247463 05SCANTO_XFL 345 Z1	242943	05SCANTO	247463	05SCANTO_XFL	Z1	345	205	AEP	1740	1868	Base Case	0	-1128.6	-	64.86	0	-1.42%	-1.43%	2.25%	
40	250117 08TRMNL1 138 249575 08TERMNL 345 1	250117	08TRMNL1	249575	08TERMNL	1	138/345	212	DEO&K	498	498	Base Case	0	-322.7	-	64.8	0	-0.03%	-0.03%	-0.06%	
41	238568 02BAYSHO 138 240854 02CLIFFS_NR 138 1	238568	02BAYSHO	240854	02CLIFFS_NR	1	138	202	ATSI	297	365	Base Case	0	192.1	-	64.69	0	0.07%	0.07%	-0.01%	
42	243014 05GRBLOP 138 243300 05GRABIL 138 Z1	243014	05GRBLOP	243300	05GRABIL	Z1	138	205	AEP	19	19	Base Case	0	12.3	-	64.69	0	0.00%	0.00%	0.00%	
43	239123 02STAR 138 239160 02WADS 138 1	239123	02STAR	239160	02WADS	1	138	202	ATSI	221	262	Base Case	0	142.8	-	64.62	0	-0.04%	-0.04%	0.04%	
44	250057 08M.FORT 138 325014 4CLIFTY TAP2 138 1	250057	08M.FORT	325014	4CLIFTY TAP2	1	138	212/363	DEO&K/LGEE	129	129	Base Case	0	-83	-	64.32	0	0.00%	0.00%	0.06%	
45	242605 05CLNCHR 138 242644 05FREMO1 138 1	242605	05CLNCHR	242644	05FREMO1	1	138	205	AEP	223	310	Base Case	0	143.2	-	64.21	0	0.01%	0.01%	0.18%	
46	243537 05MALIS 138 243553 05POLARS 138 1	243537	05MALIS	243553	05POLARS	1	138	205	AEP	223	310	Base Case	0	141.5	-	63.47	0	0.01%	0.01%	0.00%	
47	249570 08P.UNON 345 250082 08P.UN1 138 1	249570	08P.UNON	250082	08P.UN1	1	345/138	212	DEO&K	500	500	Base Case	0	316.7	-	63.33	0	0.03%	0.03%	0.00%	
48	248013 06PIERCE 345 250143 08PRCE18 138 18	248013	06PIERCE	250143	08PRCE18	18	345/138	206/212	OVEC/DEO&K	480	501	Base Case	0	303.6	-	63.25	0	0.14%	0.14%	0.14%	
49	242921 05CORNU 765 242934 05CORNU 345 1	242921	05CORNU	242934	05CORNU	1	765/345	205	AEP	1698	1698	Base Case	0	-1068.1	-	62.9	0	-0.67%	-0.67%	-0.67%	
50	242639 05FLETCH 138 242801 05SKEGGS BRZ 138 1	242639	05FLETCH	242801	05SKEGGS BRZ	1	138	205	AEP	196	247	Base Case	0	123.1	-	62.83	0	-0.12%	-0.12%	-0.02%	
51	243534 05LICK 138 246738 05JACKSON 138 Z1	243534	05LICK	246738	05JACKSON	Z1	138	205	AEP	43	52	Base Case	0	26.9	-	62.46	0	0.00%	0.00%	0.00%	
52	243229 05OLIVE 345 243353 05OLIVE 138 2	243229	05OLIVE	243353	05OLIVE	2	345/138	205	AEP	766	803	Base Case	0	476.5	-	62.2	0	-0.05%	-0.05%	0.03%	
53	242835 05TRISTA 138 243904 05MARIETT 138 1	242835	05TRISTA	243904	05MARIETT	1	138	205	AEP	531	531	Base Case	0	-330.1	-	62.17	0	-0.23%	-0.23%	-0.23%	
54	238662 02DKQ-17 138 238740 02FWLSQ2 138 1	238662	02DKQ-17	238740	02FWLSQ2	1	138	202	ATSI	103	133	Base Case	0	-63.9	-	62.01	0	-0.02%	-0.02%	0.00%	
55	249991 08BUFTN1 138 250028 08FLRNC2 138 1	249991	08BUFTN1	250028	08FLRNC2	1	138	212	DEO&K	266	266	Base Case	0	164.7	-	61.91	0	0.04%	0.04%	0.07%	
56	242691 05KENOVA 138 242835 05TRISTA 138 1	242691	05KENOVA	242835	05TRISTA	1	138	205	AEP	334	466	Base Case	0	-206.7	-	61.9	0	0.02%	0.02%	0.18%	
57	242659 05GRNGST 138 246919 05CHADWICK2 138 1	242659	05GRNGST	246919	05CHADWICK2	1	138	205	AEP	409	527	Base Case	0	252.7	-	61.78	0	-0.09%	-0.09%	0.05%	
58	243250 05BENTON 138 243396 05WESTST 138 1	243250	05BENTON	243396	05WESTST	1	138	205	AEP	167	245	Base Case	0	103.1	-	61.74	0	0.01%	0.01%	-0.01%	
59	242835 05TRISTA 138 243681 05CHADWICK1 138 1	242835	05TRISTA	243681	05CHADWICK1	1	138	205	AEP	251	335	Base Case	0	154.9	-	61.7	0	0.05%	0.05%	0.08%	
60	250081 08OAKLEY 138 250092 08REDBK1 138 1	250081	08OAKLEY	250092	08REDBK1	1	138	212	DEO&K	324	324	Base Case	0	-199.8	-	61.65	0	-0.02%	-0.02%	-0.03%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
61	242928 05MARYSV 765 242939 05MARYSV 345 2	242928	05MARYSV	242939	05MARYSV	2	765/345	205	AEP	1868	1868	Base Case	0	1150.6	-	61.6	0	0.42%	0.42%	0.85%	
62	238822 02INQ-11 138 239324 02CH 138 1	238822	02INQ-11	239324	02CH	1	138	202	ATSI	273	332	Base Case	0	167.9	-	61.51	0	-0.07%	-0.07%	0.04%	
63	242987 05DEXTER 138 246310 05MEIGS SW1Z 138 1	242987	05DEXTER	246310	05MEIGS SW1Z	1	138	205	AEP	329	361	Base Case	0	-201.4	-	61.2	0	0.01%	0.01%	0.20%	
64	243038 05MEIG1Z 138 243084 05RUTLAN 138 1	243038	05MEIG1Z	243084	05RUTLAN	1	138	205	AEP	334	440	Base Case	0	-203.4	-	60.9	0	0.01%	0.01%	0.20%	
65	242576 05CAPITOLH 138 242593 05CHEM 2 138 1	242576	05CAPITOLH	242593	05CHEM 2	1	138	205	AEP	410	568	Base Case	0	-248.7	-	60.65	0	-0.32%	-0.32%	-0.31%	
66	238563 02BAY SH 345 238568 02BAYSHO 138 2	238563	02BAY SH	238568	02BAYSHO	2	345/138	202	ATSI	546	616	Base Case	0	331	-	60.62	0	0.03%	0.03%	0.02%	
67	238581 02BRBRTN 138 239619 02ALCOA 138 1	238581	02BRBRTN	239619	02ALCOA	1	138	202	ATSI	233	282	Base Case	0	141.1	-	60.55	0	-0.08%	-0.08%	0.09%	
68	243062 05NMUSKG 138 247374 05MUSKNG2B 138 1	243062	05NMUSKG	247374	05MUSKNG2B	1	138	205	AEP	223	310	Base Case	0	-135	-	60.52	0	0.14%	0.14%	0.13%	
69	253005 09BATH 138 253085 09URBANA 138 1	253005	09BATH	253085	09URBANA	1	138	209	DAY	163	200	Base Case	0	98.6	-	60.46	0	-0.17%	-0.17%	-0.04%	
70	243038 05MEIG1Z 138 246310 05MEIGS SW1Z 138 1	243038	05MEIG1Z	246310	05MEIGS SW1Z	1	138	205	AEP	334	480	Base Case	0	201.4	-	60.31	0	0.01%	0.01%	0.20%	
71	248013 06PIERCE 345 250086 08PIERCE 138 17	248013	06PIERCE	250086	08PIERCE	17	345/138	206/212	OVEC/DEO&K	515	537	Base Case	0	309.9	-	60.17	0	0.17%	0.17%	0.15%	
72	238766 02GRFD D 138 238767 02GRFD T 138 1	238766	02GRFD D	238767	02GRFD T	1	138	202	ATSI	26	26	Base Case	0	-15.6	-	60.09	0	0.00%	0.00%	0.00%	
73	239093 02SAMMIS 138 239369 02TORONTO 138 1	239093	02SAMMIS	239369	02TORONTO	1	138	202	ATSI	278	339	Base Case	0	-167.1	-	60.09	0	0.20%	0.20%	0.06%	
74	243234 05TWIN B 345 243385 05TWIN B 138 7	243234	05TWIN B	243385	05TWIN B	7	345/138	205	AEP	670	752	Base Case	0	401.6	-	59.93	0	-0.02%	-0.02%	-0.01%	
75	243228 05MERIDN 345 243783 05EWHTLY 345 1	243228	05MERIDN	243783	05EWHTLY	1	345	205	AEP	486	550	Base Case	0	290.5	-	59.77	0	0.00%	0.00%	0.00%	
76	242741 05OTTER 138 314667 4ALTVSTA 138 1	242741	05OTTER	314667	4ALTVSTA	1	138	205/345	AEP/DVP	167	245	Base Case	0	-99.4	-	59.52	0	0.00%	0.00%	0.95%	
77	249984 08ASHLD8 138 250093 08REDBK2 138 1	249984	08ASHLD8	250093	08REDBK2	1	138	212	DEO&K	240	299	Base Case	0	-141.6	-	59.02	0	-0.01%	-0.01%	-0.02%	
78	242807 05SPORN 138 242808 05SPORNS 138 1	242807	05SPORN	242808	05SPORNS	1	138	205	AEP	471	642	Base Case	0	-277.5	-	58.91	0	0.17%	0.17%	0.19%	
79	249577 08ZIMER 345 249580 08ZIMERG 345 Z1	249577	08ZIMER	249580	08ZIMERG	Z1	345	212	DEO&K	1793	1793	Base Case	0	-1053.7	-	58.77	0	-0.66%	-0.66%	-0.66%	
80	250057 08M.FORT 138 249567 08M.FORT 345 9	250057	08M.FORT	249567	08M.FORT	9	138/345	212	DEO&K	422.9	474.8	Base Case	0	-247.5	-	58.51	0	-0.05%	-0.05%	-0.16%	
81	243131 05TILTON 138 243143 05WBELLA 138 1	243131	05TILTON	243143	05WBELLA	1	138	205	AEP	251	335	Base Case	0	-146.8	-	58.5	0	-0.62%	-0.62%	0.01%	
82	250016 08EBNZR 138 250057 08M.FORT 138 1	250016	08EBNZR	250057	08M.FORT	1	138	212	DEO&K	266	266	Base Case	0	-155.6	-	58.49	0	-0.03%	-0.03%	0.00%	
83	243312 05HUMMEL 138 244658 05GRNTWN 138 1	243312	05HUMMEL	244658	05GRNTWN	1	138	205	AEP	219	251	Base Case	0	-127.6	-	58.26	0	-0.07%	-0.07%	-0.01%	
84	242607 05CLOVRD 138 242676 05HUNTCT 138 1	242607	05CLOVRD	242676	05HUNTCT	1	138	205	AEP	251	335	Base Case	0	145.8	-	58.09	0	0.11%	0.11%	-0.17%	
85	243224 05KENZIE 345 243322 05KENZIE 138 1	243224	05KENZIE	243322	05KENZIE	1	345/138	205	AEP	508	535	Base Case	0	295.1	-	58.08	0	-0.02%	-0.02%	-0.01%	
86	249573 08SGROVE 345 250097 08SGROVE 138 1	249573	08SGROVE	250097	08SGROVE	1	345/138	212	DEO&K	495	498	Base Case	0	287.4	-	58.05	0	-0.10%	-0.10%	-0.12%	
87	242687 05JOHNMT 138 242741 05OTTER 138 1	242687	05JOHNMT	242741	05OTTER	1	138	205	AEP	167	245	Base Case	0	-96.2	-	57.61	0	0.00%	0.00%	0.95%	
88	250046 08HINKLE 138 250117 08TRMNL1 138 1	250046	08HINKLE	250117	08TRMNL1	1	138	212	DEO&K	275	275	Base Case	0	-158	-	57.47	0	-0.04%	-0.04%	-0.04%	
89	242606 05CLNLFD 138 242639 05FLETCH 138 1	242606	05CLNLFD	242639	05FLETCH	1	138	205	AEP	223	310	Base Case	0	128.1	-	57.45	0	-0.12%	-0.12%	-0.02%	
90	243049 05NATRIUM12 138 246067 05NATRIUM34 138 Z2	243049	05NATRIUM12	246067	05NATRIUM34	Z2	138	205	AEP	187	240	Base Case	0	-107.1	-	57.3	0	0.06%	0.06%	0.03%	
91	243049 05NATRIUM12 138 246067 05NATRIUM34 138 Z1	243049	05NATRIUM12	246067	05NATRIUM34	Z1	138	205	AEP	187	240	Base Case	0	-107.1	-	57.3	0	0.06%	0.06%	0.03%	
92	249567 08M.FORT 345 250057 08M.FORT 138 10	249567	08M.FORT	250057	08M.FORT	10	345/138	212	DEO&K	442.7	487.9	Base Case	0	253.2	-	57.2	0	-0.05%	-0.05%	-0.16%	
93	243513 05GENOA 138 243591 05SPRNGR 138 1	243513	05GENOA	243591	05SPRNGR	1	138	205	AEP	196	216	Base Case	0	111.9	-	57.1	0	0.04%	0.04%	0.01%	
94	243250 05BENTON 138 243365 05RIVERSIDE1 138 2	243250	05BENTON	243365	05RIVERSIDE1	2	138	205	AEP	136	167	Base Case	0	77.3	-	56.84	0	0.04%	0.04%	0.00%	
95	243547 05MORSE 138 243577 05STELZR 138 1	243547	05MORSE	243577	05STELZR	1	138	205	AEP	187	240	Base Case	0	105.4	-	56.34	0	0.07%	0.07%	0.00%	
96	249574 08TDHNTR 345 250107 08TODM15 138 1	249574	08TDHNTR	250107	08TODM15	1	345/138	212	DEO&K	477	489	Base Case	0	266.8	-	55.94	0	-0.03%	-0.03%	-0.04%	
97	250057 08M.FORT 138 250131 08WILEY2 138 1	250057	08M.FORT	250131	08WILEY2	1	138	212	DEO&K	198	198	Base Case	0	110.3	-	55.68	0	-0.03%	-0.03%	0.01%	
98	238978 02N.STAR 138 239120 02SSPRNG 138 1	238978	02N.STAR	239120	02SSPRNG	1	138	202	ATSI	176	229	Base Case	0	-97.8	-	55.54	0	0.00%	0.00%	0.00%	
99	243396 05WESTST 138 247134 05EWATRV 138 1	243396	05WESTST	247134	05EWATRV	1	138	205	AEP	167	245	Base Case	0	92.5	-	55.36	0	0.00%	0.00%	-0.01%	
100	241901 02LALLENDORF 345 241902 02OREGON 345 ZL	241901	02LALLENDORF	241902	02OREGON	ZL	345	202	ATSI	1195	1195	Base Case	0	-660.7	-	55.29	0	-0.41%	-0.41%	-0.41%	
101	242948 05WBELLA 345 243143 05WBELLA 138 3	242948	05WBELLA	243143	05WBELLA	3	345/138	205	AEP	680	747	Base Case	0	373.9	-	54.99	0	-0.29%	-0.29%	0.04%	
102	238759 02GM WAR 138 239138 02TOD 138 1	238759	02GM WAR	239138	02TOD	1	138	202	ATSI	267	352	Base Case	0	-146.7	-	54.93	0	0.10%	0.10%	0.00%	
103	243529 05KENNY 138 243560 05ROBERT 138 1	243529	05KENNY	243560	05ROBERT	1	138	205	AEP	213	282	Base Case	0	-117	-	54.91	0	-0.10%	-0.10%	-0.05%	
104	249566 08FOSTER 345 250035 08FTRM11 138 1	249566	08FOSTER	250035	08FTRM11	1	345/138	212	DEO&K	492	498	Base Case	0	269.1	-	54.69	0	0.06%	0.06%	0.01%	
105	243062 05NMUSKG 138 243074 05PHILO1 138 1	243062	05NMUSKG	243074	05PHILO1	1	138	205	AEP	219	255	Base Case	0	119.4	-	54.53	0	0.14%	0.14%	0.13%	
106	238538 02APRQ-1 138 238836 02JGSQ13 138 1	238538	02APRQ-1	238836	02JGSQ13	1	138	202	ATSI	205	265	Base Case	0	-111.7	-	54.51	0	0.01%	0.01%	0.01%	
107	250092 08REDBK1 138 249571 08REDBK1 345 1	250092	08REDBK1	249571	08REDBK1	1	138/345	212	DEO&K	489	501	Base Case	0	-265.1	-	54.22	0	-0.05%	-0.05%	-0.06%	
108	243469 05BEATTY 138 926010 AC1-078 TAP 138 1	243469	05BEATTY	926010	AC1-078 TAP	1	138	205/202	AEP/ATSI	200	242	Base Case	0	108.4	-	54.2	0	0.09%	0.09%	0.06%	
109	238823 02INQ-14 138 239242 02HOLT-A 138 1	238823	02INQ-14	239242	02HOLT-A	1	138	202	ATSI	259	304	Base Case	0	140	-	54.05	0	-0.01%	-0.01%	0.02%	
110	242807 05SPORN 138 243084 05RUTLAN 138 1	242807	05SPORN	243084	05RUTLAN	1	138	205	AEP	334	392	Base Case	0	180.2	-	53.95	0	0.03%	0.03%	0.23%	
111	243469 05BEATTY 138 243586 05WHITER 138 1	243469	05BEATTY	243586	05WHITER	1	138	205	AEP	191	209	Base Case	0	103	-	53.94	0	-0.07%	-0.07%	-0.03%	
112	242687 05JOHNMT 138 242734 05NEWLDN 138 1	242687	05JOHNMT	242734	05NEWLDN	1	138	205	AEP	167	240	Base Case	0	89.8	-	53.76	0	0.00%	0.00%	0.95%	
113	238539 02ARMCO 138 238540 02ARMCO+ 138 1	238539	02ARMCO	238540	02ARMCO+	1	138	202	ATSI	159	191	Base Case	0	-85.4	-	53.7	0	0.00%	0.00%	0.00%	
114	242605 05CLNCHR 138 243899 05LOCKHA 138 1	242605	05CLNCHR	243899	05LOCKHA	1	138	205	AEP	223	310	Base Case	0	119.7	-	53.69	0	0.02%	0.02%	0.18%	
115	247797 05STEMPLE 345 247798 Y2-050_STN 345 1	247797	05STEMPLE	247798	Y2-050_STN	1	345	205	AEP	999	999	Base Case	0	-535.4	-	53.59	0	-0.33%	-0.33%	-0.33%	
116	243563 05ROZELL 138 243585 05WAVERL 138 1	243563	05ROZELL	243585	05WAVERL	1	138	205	AEP	223	302	Base Case	0	-119.4	-	53.56	0	-0.08%	-0.08%	0.07%	
117	238504 02GM-PWR-TRN 138 241945 AB1-107 TAP 138 1	238504	02GM-PWR-TRN	241945	AB1-107 TAP	1	138	202	ATSI	278	342	Base Case	0	-148.6	-	53.46	0	0.05%	0.05%	-0.03%	
118	238540 02ARMCO+ 138 238906 02LNGVEW 138 1	238540	02ARMCO+	238906	02LNGVEW	1	138	202	ATSI	160	192	Base Case	0	-85.4	-	53.37	0	0.00%	0.00%	0.00%	
119	238620 02CL Q12 138 239296 02CPPRDG 138 1	238620	02CL Q12	239296	02CPPRDG	1	138	202	ATSI	187	222	Base Case	0	99.7	-	53.33	0	-0.22%	-0.22%	-0.01%	
120	242576 05CAPITOLH 138 247794 05COCO 138 1	242576	05CAPITOLH	247794	05COCO	1	138	205	AEP	257	360	Base Case	0	136.9	-	53.27	0	-0.33%	-0.33%	-0.22%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
121	239107 02SHNAGO 138 239934 02HEASLEY 138 2	239107	02SHNAGO	239934	02HEASLEY	2	138	202	ATSI	176	229	Base Case	0	93.7	-	53.24	0	-0.37%	-0.37%	0.00%	
122	242946 05TIDD 345 253965 15COLLIE 345 1	242946	05TIDD	253965	15COLLIE	1	345	205/215	AEP/DLCO	1229	1391	Base Case	0	650.7	-	52.94	0	-1.16%	-1.16%	0.49%	
123	242583 05CATAWB 138 242607 05CLOVRD 138 1	242583	05CATAWB	242607	05CLOVRD	1	138	205	AEP	205	205	Base Case	0	-108.5	-	52.93	0	0.12%	0.12%	0.23%	
124	242701 05LEESVI 138 242802 05SMITHMTN 138 1	242701	05LEESVI	242802	05SMITHMTN	1	138	205	AEP	205	255	Base Case	0	-108.1	-	52.74	0	-0.12%	-0.12%	-0.48%	
125	250151 08HEBTAP 138 250152 08HEBRNG 138 Z1	250151	08HEBTAP	250152	08HEBRNG	Z1	138	212	DEO&K	309	349	Base Case	0	163	-	52.74	0	-0.06%	-0.06%	-0.04%	
126	243307 05HARTFO 138 247134 05EWATRV 138 1	243307	05HARTFO	247134	05EWATRV	1	138	205	AEP	167	245	Base Case	0	-87.8	-	52.54	0	0.00%	0.00%	-0.01%	
127	243008 05FREMCT 138 243009 05FRMNT 138 1	243008	05FREMCT	243009	05FRMNT	1	138	205	AEP	251	251	Base Case	0	-131.9	-	52.54	0	0.00%	0.00%	-0.17%	
128	250162 08GARVER 138 249582 08GARVER 345 1	250162	08GARVER	249582	08GARVER	1	138/345	212	DEO&K	478	478	Base Case	0	-249.8	-	52.26	0	-0.02%	-0.02%	-0.03%	
129	242838 05TWELVE 138 243904 05MARIETT 138 1	242838	05TWELVE	243904	05MARIETT	1	138	205	AEP	695	695	Base Case	0	362.8	-	52.21	0	-0.23%	-0.23%	-0.23%	
130	238977 02N MED 138 239197 02BUCKEY 138 1	238977	02N MED	239197	02BUCKEY	1	138	202	ATSI	233	282	Base Case	0	121.5	-	52.13	0	-0.13%	-0.13%	-0.01%	
131	243767 05GLOBE 138 246399 05GLOBE MT Z 138 1	243767	05GLOBE	246399	05GLOBE MT Z	1	138	205	AEP	167	167	Base Case	0	-86.8	-	51.98	0	0.00%	0.00%	0.00%	
132	243049 05NATRIUM12 138 243775 05PITTPL 138 1	243049	05NATRIUM12	243775	05PITTPL	1	138	205	AEP	143	153	Base Case	0	74.2	-	51.85	0	0.00%	0.00%	0.00%	
133	242940 05MUSKNG 345 242941 05OHIOCT 345 1	242940	05MUSKNG	242941	05OHIOCT	1	345	205	AEP	1025	1318	Base Case	0	530.3	-	51.73	0	0.72%	0.72%	0.53%	
134	249574 08TDHNTR 345 250109 08TODM17 138 1	249574	08TDHNTR	250109	08TODM17	1	345/138	212	DEO&K	491	503	Base Case	0	253.1	-	51.55	0	-0.03%	-0.03%	-0.04%	
135	249574 08TDHNTR 345 250108 08TODM16 138 1	249574	08TDHNTR	250108	08TODM16	1	345/138	212	DEO&K	492	504	Base Case	0	253.6	-	51.55	0	-0.03%	-0.03%	-0.04%	
136	242938 05MARQUI 345 246888 05BIERSR 345 1	242938	05MARQUI	246888	05BIERSR	1	345	205	AEP	1390	1390	Base Case	0	716.4	-	51.54	0	-0.36%	-0.37%	0.70%	
137	242932 05CANTNC 345 247797 05STEMPLE 345 1	242932	05CANTNC	247797	05STEMPLE	1	345	205	AEP	1409	1409	Base Case	0	-725.8	-	51.51	0	0.14%	0.14%	-0.16%	
138	243247 05AUBURN 138 255125 17DEKALB 138 1	243247	05AUBURN	255125	17DEKALB	1	138	205/217	AEP/NIPS	45	45	Base Case	0	23.2	-	51.48	0	0.01%	0.01%	0.01%	
139	250046 08HINKLE 138 250074 08MTCHL4 138 1	250046	08HINKLE	250074	08MTCHL4	1	138	212	DEO&K	275	275	Base Case	0	141.1	-	51.31	0	-0.04%	-0.04%	-0.04%	
140	249988 08BKJ135 138 250086 08PIERCE 138 1	249988	08BKJ135	250086	08PIERCE	1	138	212	DEO&K	603	603	Base Case	0	-309.3	-	51.3	0	0.17%	0.17%	0.15%	
141	239161 02WAKRON 138 239619 02ALCOA 138 1	239161	02WAKRON	239619	02ALCOA	1	138	202	ATSI	270	332	Base Case	0	-138.5	-	51.28	0	-0.08%	-0.08%	0.09%	
142	249571 08REDBK1 345 250093 08REDBK2 138 1	249571	08REDBK1	250093	08REDBK2	1	345/138	212	DEO&K	485	497	Base Case	0	248.2	-	51.18	0	-0.04%	-0.04%	-0.06%	
143	246481 05NMUSKG_BP 138 246490 05PHILO_BP 138 1	246481	05NMUSKG_BP	246490	05PHILO_BP	1	138	205	AEP	187	240	Base Case	0	95.6	-	51.15	0	-0.15%	-0.15%	0.10%	
144	242855 05WYOMIN 138 247004 05GUYAND 138 1	242855	05WYOMIN	247004	05GUYAND	1	138	205	AEP	205	284	Base Case	0	104.2	-	50.81	0	-0.08%	-0.08%	-0.01%	
145	243473 05BIXBY 138 243536 05LS-II 138 1	243473	05BIXBY	243536	05LS-II	1	138	205	AEP	196	247	Base Case	0	99.6	-	50.81	0	0.07%	0.07%	0.00%	
146	242537 05AMOS 138 242538 05AMOS_6_XFL 138 1	242537	05AMOS	242538	05AMOS_6_XFL	1	138	205	AEP	696	747	Base Case	0	-352.7	-	50.68	0	-0.15%	-0.15%	-0.18%	
147	242689 05KANAWHA1 138 247092 05KANAWH_BSZ 138 ZL	242689	05KANAWHA1	247092	05KANAWH_BSZ	ZL	138	205	AEP	285	368	Base Case	0	-144.3	-	50.64	0	-0.12%	-0.12%	0.04%	
148	243034 05MARQUI 138 243501 05E.BEAV 138 1	243034	05MARQUI	243501	05E.BEAV	1	138	205	AEP	223	310	Base Case	0	112.8	-	50.6	0	-0.08%	-0.08%	0.00%	
149	242997 05E.NEWCONCZ 138 246490 05PHILO_BP 138 1	242997	05E.NEWCONCZ	246490	05PHILO_BP	1	138	205	AEP	187	240	Base Case	0	-94.3	-	50.44	0	-0.15%	-0.15%	0.10%	
150	247780 05KLINE 138 255163 17NORTHEAST 138 1	247780	05KLINE	255163	17NORTHEAST	1	138	205/217	AEP/NIPS	185	229	Base Case	0	93.2	-	50.39	0	-0.07%	-0.07%	-0.07%	
151	243549 05MULBRY 138 243563 05ROZELL 138 1	243549	05MULBRY	243563	05ROZELL	1	138	205	AEP	223	310	Base Case	0	-112.4	-	50.39	0	-0.08%	-0.08%	0.07%	
152	243302 05GRANT 138 244658 05GRNTWN 138 1	243302	05GRANT	244658	05GRNTWN	1	138	205	AEP	251	335	Base Case	0	-126.4	-	50.35	0	-0.07%	-0.07%	-0.05%	
153	243224 05KENZIE 345 270139 AA2-116_TAP2 345 1	243224	05KENZIE	270139	AA2-116_TAP2	1	345	205	AEP	1409	1409	Base Case	0	-708.5	-	50.29	0	-0.17%	-0.17%	-0.28%	
154	249989 08BKJ246 138 250143 08PRCE18 138 1	249989	08BKJ246	250143	08PRCE18	1	138	212	DEO&K	603	603	Base Case	0	-303	-	50.25	0	0.14%	0.14%	0.14%	
155	238568 02BAYSHO 138 239029 02OREGON 138 1	238568	02BAYSHO	239029	02OREGON	1	138	202	ATSI	287	342	Base Case	0	144.1	-	50.21	0	0.00%	0.00%	-0.03%	
156	242637 05FLATWO 138 247794 05COCO 138 1	242637	05FLATWO	247794	05COCO	1	138	205	AEP	219	255	Base Case	0	-109.9	-	50.2	0	-0.29%	-0.29%	0.03%	
157	246352 05HAVILAND2 138 246950 05TIMBSS 138 1	246352	05HAVILAND2	246950	05TIMBSS	1	138	205	AEP	187	240	Base Case	0	-93.5	-	50.01	0	-0.17%	-0.17%	-0.05%	
158	250091 08RCHLE3 138 250118 08TRMNL2 138 1	250091	08RCHLE3	250118	08TRMNL2	1	138	212	DEO&K	268	275	Base Case	0	-133.9	-	49.95	0	-0.02%	-0.02%	-0.05%	
159	243855 05JUG ST 345 243856 05JUG ST 1-6 138 5	243855	05JUG ST	243856	05JUG ST 1-6	5	345/138	205	AEP	515	544	Base Case	0	257.2	-	49.94	0	0.01%	0.01%	0.01%	
160	242575 05CAMDLM 138 242802 05SMITHMTN 138 1	242575	05CAMDLM	242802	05SMITHMTN	1	138	205	AEP	205	255	Base Case	0	-102.2	-	49.87	0	-0.06%	-0.06%	0.37%	
161	250105 08TDHNTR 138 250116 08TRENTON_1 138 1	250105	08TDHNTR	250116	08TRENTON_1	1	138	212	DEO&K	302	302	Base Case	0	150.5	-	49.83	0	0.04%	0.04%	0.04%	
162	238847 02JP 138 240854 02CLIFFS_NR 138 1	238847	02JP	240854	02CLIFFS_NR	1	138	202	ATSI	312	380	Base Case	0	-155.4	-	49.8	0	0.07%	0.07%	-0.01%	
163	246751 05VASSEL 765 247728 05VASSEL_XFL 345 1	246751	05VASSEL	247728	05VASSEL_XFL	1	765/345	205	AEP	2403	2772	Base Case	0	1196.4	-	49.79	0	0.93%	0.93%	0.38%	
164	240359 02BENTLEYQ1 138 241927 02AVQ1 138 1	240359	02BENTLEYQ1	241927	02AVQ1	1	138	202	ATSI	278	339	Base Case	0	-138.3	-	49.77	0	-0.25%	-0.25%	-0.03%	
165	242685 05J.FERX 138 242745 05PEAKCK 138 1	242685	05J.FERX	242745	05PEAKCK	1	138	205	AEP	251	335	Base Case	0	124.8	-	49.74	0	-0.10%	-0.10%	-0.16%	
166	243685 05DORTON 138 243899 05LOCKHA 138 1	243685	05DORTON	243899	05LOCKHA	1	138	205	AEP	223	310	Base Case	0	-110.9	-	49.73	0	0.02%	0.02%	0.18%	
167	250052 08KYUNIV 138 250097 08SGROVE 138 1	250052	08KYUNIV	250097	08SGROVE	1	138	212	DEO&K	275	275	Base Case	0	-136.8	-	49.73	0	-0.01%	-0.01%	0.00%	
168	243055 05NEGLEY 138 243092 05SCANTO 138 1	243055	05NEGLEY	243092	05SCANTO	1	138	205	AEP	251	335	Base Case	0	-124.6	-	49.64	0	-0.08%	-0.08%	0.05%	
169	242728 05MULLNV 138 247004 05GUYAND 138 1	242728	05MULLNV	247004	05GUYAND	1	138	205	AEP	205	284	Base Case	0	-101.7	-	49.59	0	-0.08%	-0.08%	-0.01%	
170	243127 05TIDD 1-2 138 247016 05GABLSS 138 1	243127	05TIDD 1-2	247016	05GABLSS	1	138	205	AEP	287	337	Base Case	0	141.8	-	49.39	0	0.32%	0.32%	-0.04%	
171	242689 05KANAWHA1 138 247068 05KANAWH_ASZ 138 ZU	242689	05KANAWHA1	247068	05KANAWH_ASZ	ZU	138	205	AEP	285	337	Base Case	0	-140.7	-	49.37	0	-0.12%	-0.12%	0.04%	
172	241930 02AVQ4 138 238551 02AVON 345 92	241930	02AVQ4	238551	02AVON	92	138/345	202	ATSI	546	614	Base Case	0	-269.5	-	49.36	0	-0.43%	-0.43%	-0.07%	
173	238797 02HGHLND 138 239138 02TOD 138 1	238797	02HGHLND	239138	02TOD	1	138	202	ATSI	329	413	Base Case	0	162.3	-	49.32	0	0.10%	0.10%	0.00%	
174	242980 05CANTNC 138 243139 05WAGENHALS2 138 2	242980	05CANTNC	243139	05WAGENHALS2	2	138	205	AEP	296	392	Base Case	0	145.4	-	49.14	0	0.06%	0.06%	-0.04%	
175	238724 02FMEAST 138 239242 02HOLT-A 138 1	238724	02FMEAST	239242	02HOLT-A	1	138	202	ATSI	194	237	Base Case	0	-94.7	-	48.83	0	-0.08%	-0.08%	0.02%	
176	238506 02DIXIE 138 238847 02JP 138 1	238506	02DIXIE	238847	02JP	1	138	202	ATSI	242	296	Base Case	0	-118.1	-	48.81	0	0.07%	0.07%	-0.01%	
177	249570 08P.UNON 345 250083 08P.UN2 138 1	249570	08P.UNON	250083	08P.UN2	1	345/138	212	DEO&K	500	500	Base Case	0	243.9	-	48.77	0	0.01%	0.01%	0.01%	
178	243458 05HYATT 345 243526 05HYATT 138 1	243458	05HYATT	243526	05HYATT	1	345/138	205	AEP	321	363	Base Case	0	156.5	-	48.74	0	-0.04%	-0.04%	-0.05%	
179	243088 05S.POINT1 138 245948 05MILLBR PK2 138 1	243088	05S.POINT1	245948	05MILLBR PK2	1	138	205	AEP	136	167	Base Case	0	66.1	-	48.62	0	0.07%	0.07%	0.15%	
180	242968 05BRUES 138 243143 05WBELLA 138 2	242968	05BRUES	243143	05WBELLA	2	138	205	AEP	205	284	Base Case	0	-99.4	-	48.49	0	-0.02%	-0.02%	0.05%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
181	242980 05CANTNC 138 246267 05WAGENHALS1 138 1	242980	05CANTNC	246267	05WAGENHALS1	1	138	205	AEP	296	392	Base Case	0	143.5	-	48.47	0	0.06%	0.06%	-0.03%	
182	243542 05MIFFIN 138 243577 05STELZR 138 1	243542	05MIFFIN	243577	05STELZR	1	138	205	AEP	209	209	Base Case	0	-101.3	-	48.45	0	0.07%	0.07%	0.00%	
183	242969 05BRUES2 138 243143 05WBELLA 138 1	242969	05BRUES2	243143	05WBELLA	1	138	205	AEP	205	284	Base Case	0	-99.3	-	48.45	0	-0.02%	-0.02%	0.05%	
184	239353 02HARMON 345 242943 05SCANTO 345 1	239353	02HARMON	242943	05SCANTO	1	345	202/205	ATSI/AEP	1409	1868	Base Case	0	-680.8	-	48.32	0	0.06%	0.06%	0.87%	
185	249991 08BUFTN1 138 249564 08BUFTN1 345 1	249991	08BUFTN1	249564	08BUFTN1	1	138/345	212	DEO&K	485	498	Base Case	0	-233.6	-	48.17	0	0.05%	0.05%	0.02%	
186	243678 05BSANDX 138 243679 05BUSSYV 138 1	243678	05BSANDX	243679	05BUSSYV	1	138	205	AEP	223	310	Base Case	0	107.4	-	48.15	0	0.04%	0.04%	-0.08%	
187	243034 05MARQUI 138 243544 05MILPRD 138 2	243034	05MARQUI	243544	05MILPRD	2	138	205	AEP	223	310	Base Case	0	107.2	-	48.06	0	0.01%	0.01%	0.07%	
188	238730 02FORTIN 138 239310 02BPHUSKY 138 1	238730	02FORTIN	239310	02BPHUSKY	1	138	202	ATSI	241	292	Base Case	0	-115.7	-	47.99	0	0.07%	0.07%	-0.01%	
189	243034 05MARQUI 138 243585 05WAVERL 138 1	243034	05MARQUI	243585	05WAVERL	1	138	205	AEP	223	302	Base Case	0	107	-	47.97	0	0.01%	0.01%	0.07%	
190	244658 05GRNTWN 138 249800 08MIER 138 1	244658	05GRNTWN	249800	08MIER	1	138	205/208	AEP/DEI	243	243	Base Case	0	116.5	-	47.95	0	-0.02%	-0.02%	0.03%	
191	250067 08MLHSR2 138 250082 08P.UN1 138 1	250067	08MLHSR2	250082	08P.UN1	1	138	212	DEO&K	198	198	Base Case	0	-94.8	-	47.87	0	0.02%	0.02%	-0.01%	
192	249999 08CNSTNC 138 250044 08HEBRN2 138 1	249999	08CNSTNC	250044	08HEBRN2	1	138	212	DEO&K	238	238	Base Case	0	-113.8	-	47.82	0	-0.05%	-0.05%	-0.01%	
193	253024 09ESIDNY 138 253068 09SHELBY 138 1	253024	09ESIDNY	253068	09SHELBY	1	138	209	DAY	163	229	Base Case	0	-77.9	-	47.77	0	-0.09%	-0.09%	-0.04%	
194	243469 05BEATTY 138 243540 05MCCOMB 138 1	243469	05BEATTY	243540	05MCCOMB	1	138	205	AEP	216	243	Base Case	0	103	-	47.7	0	-0.08%	-0.08%	-0.02%	
195	238614 02CFQ-14 138 241926 02ASTORQ14 138 1	238614	02CFQ-14	241926	02ASTORQ14	1	138	202	ATSI	176	229	Base Case	0	-83.9	-	47.68	0	-0.15%	-0.15%	-0.02%	
196	242807 05SPORN 138 243559 05RIO Z 138 1	242807	05SPORN	243559	05RIO Z	1	138	205	AEP	185	185	Base Case	0	88.1	-	47.6	0	0.06%	0.06%	0.06%	
197	243208 05JEFRSO 765 243209 05ROCKPT 765 1	243208	05JEFRSO	243209	05ROCKPT	1	765	205	AEP	3854	3854	Base Case	0	-1833.9	-	47.59	0	-1.79%	-1.79%	-1.35%	
198	243006 05FOSTOR 138 247172 05EBERSO 138 1	243006	05FOSTOR	247172	05EBERSO	1	138	205	AEP	167	245	Base Case	0	79.5	-	47.58	0	0.11%	0.11%	-0.07%	
199	238759 02GM WAR 138 238999 02NFALLS 138 1	238759	02GM WAR	238999	02NFALLS	1	138	202	ATSI	267	352	Base Case	0	127	-	47.57	0	0.10%	0.10%	0.00%	
200	238620 02CL Q12 138 241935 02CLINTON 138 ZL	238620	02CL Q12	241935	02CLINTON	ZL	138	202	ATSI	260	309	Base Case	0	-123.6	-	47.53	0	-0.22%	-0.22%	-0.01%	
201	242560 05BONSCK 138 242607 05CLOVRD 138 1	242560	05BONSCK	242607	05CLOVRD	1	138	205	AEP	205	284	Base Case	0	-97.4	-	47.53	0	0.07%	0.07%	-0.12%	
202	242936 05FOSTOR 345 243006 05FOSTOR 138 1	242936	05FOSTOR	243006	05FOSTOR	1	345/138	205	AEP	504	540	Base Case	0	239.3	-	47.47	0	-0.05%	-0.05%	-0.05%	
203	250027 08FLRNC1 138 250173 08WDSPNT 138 1	250027	08FLRNC1	250173	08WDSPNT	1	138	212	DEO&K	266	266	Base Case	0	126.2	-	47.44	0	0.04%	0.04%	0.07%	
204	248013 06PIERCE 345 249566 08FOSTER 345 1	248013	06PIERCE	249566	08FOSTER	1	345	206/212	OVEC/DEO&K	1097	1204	Base Case	0	518.5	-	47.27	0	0.29%	0.29%	0.63%	
205	238634 02COMERC 138 238797 02HGHLND 138 1	238634	02COMERC	238797	02HGHLND	1	138	202	ATSI	127	158	Base Case	0	-60	-	47.26	0	0.11%	0.11%	-0.08%	
206	243691 05HAYSBR 138 243698 05MORGFK 138 1	243691	05HAYSBR	243698	05MORGFK	1	138	205	AEP	68	68	Base Case	0	-32.1	-	47.14	0	0.00%	0.00%	0.00%	
207	249988 08BKJ135 138 249997 08CLRMT2 138 1	249988	08BKJ135	249997	08CLRMT2	1	138	212	DEO&K	318	318	Base Case	0	149.7	-	47.08	0	0.03%	0.03%	0.03%	
208	243544 05MILPRD 138 243585 05WAVERL 138 2	243544	05MILPRD	243585	05WAVERL	2	138	205	AEP	223	302	Base Case	0	105	-	47.07	0	0.01%	0.01%	0.07%	
209	238636 02CPPW41 138 239296 02CPPRDG 138 1	238636	02CPPW41	239296	02CPPRDG	1	138	202	ATSI	194	237	Base Case	0	-91.2	-	47	0	-0.22%	-0.22%	-0.01%	
210	238976 02N MED 345 238977 02N MED 138 1	238976	02N MED	238977	02N MED	1	345/138	202	ATSI	347	415	Base Case	0	162.5	-	46.82	0	-0.18%	-0.18%	-0.05%	
211	248002 06DEARB2 345 249564 08BUFTN1 345 1	248002	06DEARB2	249564	08BUFTN1	1	345	206/212	OVEC/DEO&K	971	971	Base Case	0	454.1	-	46.77	0	-0.22%	-0.22%	-0.02%	
212	243089 05SBALTM 138 243150 05WMILLP 138 1	243089	05SBALTM	243150	05WMILLP	1	138	205	AEP	167	167	Base Case	0	-78.1	-	46.77	0	-0.03%	-0.03%	-0.02%	
213	238574 02BELPT+ 138 239134 02TANGY 138 1	238574	02BELPT+	239134	02TANGY	1	138	202	ATSI	160	192	Base Case	0	-74.8	-	46.76	0	0.09%	0.09%	0.01%	
214	239197 02BUCKEY 138 239618 02LAUREL 138 1	239197	02BUCKEY	239618	02LAUREL	1	138	202	ATSI	233	282	Base Case	0	108.9	-	46.73	0	-0.13%	-0.13%	-0.01%	
215	243534 05LICK 138 244540 05RHODES 138 1	243534	05LICK	244540	05RHODES	1	138	205	AEP	219	231	Base Case	0	102.2	-	46.67	0	-0.04%	-0.04%	0.08%	
216	243146 05WHEBRO 138 243150 05WMILLP 138 1	243146	05WHEBRO	243150	05WMILLP	1	138	205	AEP	167	245	Base Case	0	-77.4	-	46.36	0	0.04%	0.04%	0.02%	
217	238563 02BAY SH 345 238568 02BAYSHO 138 1	238563	02BAY SH	238568	02BAYSHO	1	345/138	202	ATSI	564	673	Base Case	0	261.4	-	46.35	0	0.02%	0.02%	0.02%	
218	243278 05DESOTO 138 243369 05ROYERTON 138 1	243278	05DESOTO	243369	05ROYERTON	1	138	205	AEP	219	223	Base Case	0	101.3	-	46.27	0	0.02%	0.02%	0.02%	
219	253068 09SHELBY 138 253071 09SIDNEY 138 1	253068	09SHELBY	253071	09SIDNEY	1	138	209	DAY	221	272	Base Case	0	102.2	-	46.24	0	0.05%	0.05%	0.00%	
220	246927 05SAND H 138 247468 05CRICKET SS 138 1	246927	05SAND H	247468	05CRICKET SS	1	138	205	AEP	219	255	Base Case	0	101.2	-	46.22	0	0.00%	0.00%	0.00%	
221	247006 05KENZIE_BP 345 270138 AA2-116_TAP1 345 1	247006	05KENZIE_BP	270138	AA2-116_TAP1	1	345	205	AEP	1409	1409	Base Case	0	-650.7	-	46.18	0	-0.48%	-0.48%	-0.41%	
222	243534 05LICK 138 243559 05RIO Z 138 1	243534	05LICK	243559	05RIO Z	1	138	205	AEP	150	212	Base Case	0	-69.2	-	46.17	0	0.06%	0.06%	0.08%	
223	243322 05KENZIE 138 243360 05POKAGO 138 1	243322	05KENZIE	243360	05POKAGO	1	138	205	AEP	293	341	Base Case	0	135.2	-	46.13	0	-0.01%	-0.01%	-0.03%	
224	242693 05KEYWSS 138 242850 05WOLFH1 138 1	242693	05KEYWSS	242850	05WOLFH1	1	138	205	AEP	167	245	Base Case	0	-77	-	46.11	0	-0.10%	-0.10%	0.00%	
225	238678 02EAKRON 138 238787 02HAYES+ 138 1	238678	02EAKRON	238787	02HAYES+	1	138	202	ATSI	233	282	Base Case	0	107.3	-	46.05	0	0.10%	0.10%	0.07%	
226	243264 05CONCOR 138 243266 05COUNTR 138 1	243264	05CONCOR	243266	05COUNTR	1	138	205	AEP	167	167	Base Case	0	76.9	-	46.04	0	-0.09%	-0.09%	-0.06%	
227	238850 02JUNIPE 345 238840 02JNPRQ1 138 5	238850	02JUNIPE	238840	02JNPRQ1	5	345/138	202	ATSI	360	414	Base Case	0	165.7	-	46.04	0	-0.02%	-0.02%	0.03%	
228	243347 05TIDD 3-4 138 243779 05WHELGS 138 1	243347	05TIDD 3-4	243779	05WHELGS	1	138	205	AEP	187	205	Base Case	0	86.1	-	46.03	0	0.00%	0.00%	0.00%	
229	243063 05N.NEWARK1 138 243079 05REFORM 138 1	243063	05N.NEWARK1	243079	05REFORM	1	138	205	AEP	202	202	Base Case	0	-92.9	-	45.97	0	0.09%	0.09%	-0.03%	
230	238796 02HGHLND 345 923061 AB1-105 TAP 345 1	238796	02HGHLND	923061	AB1-105 TAP	1	345	202	ATSI	1413	1743	Base Case	0	648.5	-	45.9	0	0.78%	0.78%	-0.10%	
231	243220 05E.ELKHART 345 247006 05KENZIE_BP 345 1	243220	05E.ELKHART	247006	05KENZIE_BP	1	345	205	AEP	1409	1409	Base Case	0	-646.4	-	45.88	0	-0.48%	-0.48%	-0.41%	
232	238781 02HANNA 345 923061 AB1-105 TAP 345 1	238781	02HANNA	923061	AB1-105 TAP	1	345	202	ATSI	1413	1743	Base Case	0	-647.9	-	45.85	0	0.78%	0.78%	-0.10%	
233	243055 05NEGLEY 138 243078 05REEDUR 138 1	243055	05NEGLEY	243078	05REEDUR	1	138	205	AEP	251	335	Base Case	0	115.1	-	45.85	0	-0.08%	-0.08%	0.05%	
234	238642 02CRSLND 138 238944 02MASURY 138 1	238642	02CRSLND	238944	02MASURY	1	138	202	ATSI	200	242	Base Case	0	91.6	-	45.78	0	0.14%	0.14%	-0.04%	
235	242523 05BAKER 345 247229 05RIVRSD GEN 345 1	242523	05BAKER	247229	05RIVRSD GEN	1	345	205	AEP	896	896	Base Case	0	-410.2	-	45.78	0	-0.26%	-0.26%	-0.26%	
236	238741 02FWLSQ3 138 240365 02LRN Q3 138 1	238741	02FWLSQ3	240365	02LRN Q3	1	138	202	ATSI	176	229	Base Case	0	-80.4	-	45.7	0	-0.26%	-0.26%	-0.03%	
237	242648 05GARDEC 138 242801 05SKEGGS BRZ 138 1	242648	05GARDEC	242801	05SKEGGS BRZ	1	138	205	AEP	223	310	Base Case	0	-101.9	-	45.68	0	-0.12%	-0.12%	-0.02%	
238	253024 09ESIDNY 138 253065 09QUINCY 138 1	253024	09ESIDNY	253065	09QUINCY	1	138	209	DAY	163	229	Base Case	0	74.4	-	45.62	0	-0.09%	-0.09%	-0.04%	
239	238850 02JUNIPE 345 238842 02JNPRQ3 138 3	238850	02JUNIPE	238842	02JNPRQ3	3	345/138	202	ATSI	374	471	Base Case	0	170.5	-	45.58	0	0.00%	0.00%	0.04%	
240	243006 05FOSTOR 138 247172 05EBERSO 138 2	243006	05FOSTOR	247172	05EBERSO	2	138	205	AEP	150	204	Base Case	0	68.3	-	45.57	0	0.09%	0.09%	-0.06%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
241	243385 05TWIN B 138 243517 05CAP AV 138 1	243385	05TWIN B	243517	05CAP AV	1	138	205	AEP	205	284	Base Case	0	93	-	45.38	0	-0.04%	-0.04%	-0.02%	
242	238832 02JACKMA 138 239219 02SMUCKER 1 138 1	238832	02JACKMA	239219	02SMUCKER 1	1	138	202	ATSI	241	292	Base Case	0	-109	-	45.23	0	0.05%	0.05%	-0.03%	
243	243547 05MORSE 138 243591 05SPRNGR 138 1	243547	05MORSE	243591	05SPRNGR	1	138	205	AEP	195	223	Base Case	0	-88.1	-	45.18	0	0.04%	0.04%	0.01%	
244	238750 02GDYR + 138 238787 02HAYES+ 138 ZL	238750	02GDYR +	238787	02HAYES+	ZL	138	202	ATSI	233	282	Base Case	0	-105.1	-	45.1	0	0.10%	0.10%	0.07%	
245	242943 05SCANTO 345 243092 05SCANTO 138 4	242943	05SCANTO	243092	05SCANTO	4	345/138	205	AEP	695	695	Base Case	0	313.4	-	45.09	0	0.31%	0.31%	0.03%	
246	253026 09GREENE 138 253040 09KNOLLW 138 1	253026	09GREENE	253040	09KNOLLW	1	138	209	DAY	306	380	Base Case	0	137.6	-	44.97	0	0.07%	0.07%	0.07%	
247	239092 02SAMMIS 345 253902 15BVRVAL 345 1	239092	02SAMMIS	253902	15BVRVAL	1	345	202/215	ATSI/DLCO	1413	1743	Base Case	0	635.4	-	44.97	0	0.71%	0.71%	0.77%	
248	243473 05BIXBY 138 243480 05BUCKEY 138 1	243473	05BIXBY	243480	05BUCKEY	1	138	205	AEP	184	184	Base Case	0	82.7	-	44.95	0	0.04%	0.04%	0.02%	
249	253027 09GREENE 345 253026 09GREENE 138 2	253027	09GREENE	253026	09GREENE	2	345/138	209	DAY	448	493	Base Case	0	201.2	-	44.91	0	0.02%	0.02%	0.05%	
250	246927 05SAND H 138 246928 05WARTON H1 138 1	246927	05SAND H	246928	05WARTON H1	1	138	205	AEP	219	255	Base Case	0	98.3	-	44.9	0	0.00%	0.00%	0.00%	
251	243347 05TIDD 3-4 138 243779 05WHELGS 138 2	243347	05TIDD 3-4	243779	05WHELGS	2	138	205	AEP	187	205	Base Case	0	83.9	-	44.88	0	0.00%	0.00%	0.00%	
252	249991 08BUFTN1 138 249564 08BUFTN1 345 46	249991	08BUFTN1	249564	08BUFTN1	46	138/345	212	DEO&K	545	559	Base Case	0	-244	-	44.78	0	0.05%	0.05%	0.02%	
253	243092 05SCANTO 138 243134 05W.CANTON1 138 1	243092	05SCANTO	243134	05W.CANTON1	1	138	205	AEP	219	255	Base Case	0	97.9	-	44.71	0	-0.07%	-0.07%	0.05%	
254	242728 05MULLNV 138 242754 05PINNAC 138 1	242728	05MULLNV	242754	05PINNAC	1	138	205	AEP	205	255	Base Case	0	91.6	-	44.7	0	-0.08%	-0.08%	-0.01%	
255	242522 05AMOS 345 242525 05KANAWH 345 1	242522	05AMOS	242525	05KANAWH	1	345	205	AEP	897	897	Base Case	0	400.7	-	44.67	0	-0.51%	-0.51%	-1.09%	
256	242691 05KENOVA 138 243088 05S.POINT1 138 1	242691	05KENOVA	243088	05S.POINT1	1	138	205	AEP	302	366	Base Case	0	134.9	-	44.66	0	0.00%	0.00%	0.19%	
257	244672 05ROB PK_XFL 138 245476 05ROB PK34 138 Z1	244672	05ROB PK_XFL	245476	05ROB PK34	Z1	138	205	AEP	766	898	Base Case	0	340.9	-	44.51	0	-0.07%	-0.07%	0.00%	
258	238580 02BRADY 138 238782 02HANNA 138 1	238580	02BRADY	238782	02HANNA	1	138	202	ATSI	200	242	Base Case	0	-89	-	44.49	0	0.03%	0.03%	0.02%	
259	238834 02JGSQ11 138 239226 02STYDCOQ11 138 ZL	238834	02JGSQ11	239226	02STYDCOQ11	ZL	138	202	ATSI	265	349	Base Case	0	-117.6	-	44.39	0	0.01%	0.01%	0.02%	
260	243501 05E.BEAV 138 243534 05LICK 138 1	243501	05E.BEAV	243534	05LICK	1	138	205	AEP	219	255	Base Case	0	97.2	-	44.39	0	-0.09%	-0.09%	0.02%	
261	238535 02APQ-2 138 238834 02JGSQ11 138 1	238535	02APQ-2	238834	02JGSQ11	1	138	202	ATSI	265	287	Base Case	0	-117.6	-	44.38	0	0.01%	0.01%	0.02%	
262	243377 05SORENS 138 247132 05ELLISN 138 1	243377	05SORENS	247132	05ELLISN	1	138	205	AEP	293	341	Base Case	0	129.9	-	44.33	0	-0.04%	-0.04%	0.02%	
263	238568 02BAYSHO 138 239310 02BPHUSKY 138 2	238568	02BAYSHO	239310	02BPHUSKY	2	138	202	ATSI	241	292	Base Case	0	106.7	-	44.26	0	0.02%	0.02%	-0.02%	
264	243516 05GREIF 138 243525 05HUNTLEY1 138 1	243516	05GREIF	243525	05HUNTLEY1	1	138	205	AEP	196	247	Base Case	0	86.8	-	44.26	0	0.01%	0.01%	-0.01%	
265	243453 05BEATTY 345 243469 05BEATTY 138 4	243453	05BEATTY	243469	05BEATTY	4	345/138	205	AEP	675	675	Base Case	0	298	-	44.14	0	-0.13%	-0.13%	-0.06%	
266	242567 05BROADX 138 242803 05SMYTH 138 1	242567	05BROADX	242803	05SMYTH	1	138	205	AEP	251	334	Base Case	0	110.4	-	43.97	0	-0.19%	-0.19%	-0.33%	
267	243526 05HYATT 138 243537 05MALIS 138 2	243526	05HYATT	243537	05MALIS	2	138	205	AEP	338	407	Base Case	0	-148.5	-	43.94	0	0.13%	0.13%	0.07%	
268	246928 05WARTON H1 138 247251 05CALISS 138 1	246928	05WARTON H1	247251	05CALISS	1	138	205	AEP	173	173	Base Case	0	76	-	43.94	0	0.00%	0.00%	0.00%	
269	243266 05COUNTR 138 247433 05CHARGER 138 1	243266	05COUNTR	247433	05CHARGER	1	138	205	AEP	167	167	Base Case	0	73.4	-	43.92	0	-0.09%	-0.09%	-0.06%	
270	243526 05HYATT 138 243537 05MALIS 138 1	243526	05HYATT	243537	05MALIS	1	138	205	AEP	223	310	Base Case	0	-97.9	-	43.9	0	0.09%	0.09%	0.05%	
271	243052 05NECANT 138 243139 05WAGENHALS2 138 1	243052	05NECANT	243139	05WAGENHALS2	1	138	205	AEP	205	255	Base Case	0	-89.8	-	43.82	0	0.03%	0.03%	0.01%	
272	242580 05CARBND 138 242689 05KANAWHA1 138 1	242580	05CARBND	242689	05KANAWHA1	1	138	205	AEP	251	335	Base Case	0	-109.9	-	43.77	0	-0.31%	-0.31%	0.02%	
273	249567 08M.FORT 345 253090 09WMILTN 345 1	249567	08M.FORT	253090	09WMILTN	1	345	212/209	DEO&K/DAY	1195	1195	Base Case	0	522.1	-	43.69	0	-0.47%	-0.47%	-0.04%	
274	242663 05HANCK1 138 242708 05M FUNK 138 1	242663	05HANCK1	242708	05M FUNK	1	138	205	AEP	205	284	Base Case	0	-89.5	-	43.68	0	-0.05%	-0.05%	-0.28%	
275	238950 02MBQ-13 138 241924 02ELQ4 138 1	238950	02MBQ-13	241924	02ELQ4	1	138	202	ATSI	278	287	Base Case	0	-120.8	-	43.46	0	0.01%	0.01%	0.00%	
276	243233 05TANNER 345 249567 08M.FORT 345 1	243233	05TANNER	249567	08M.FORT	1	345	205/212	AEP/DEO&K	2151	2151	Base Case	0	934.7	-	43.46	0	-0.53%	-0.53%	-0.14%	
277	242938 05MARQUI 345 243034 05MARQUI 138 3	242938	05MARQUI	243034	05MARQUI	3	345/138	205	AEP	463	463	Base Case	0	200.8	-	43.37	0	-0.03%	-0.03%	0.04%	
278	239341 02LEGEND 138 245697 05TORREY2 138 1	239341	02LEGEND	245697	05TORREY2	1	138	202/205	ATSI/AEP	187	240	Base Case	0	-81.1	-	43.36	0	0.25%	0.25%	0.04%	
279	243264 05CONCOR 138 243385 05TWIN B 138 1	243264	05CONCOR	243385	05TWIN B	1	138	205	AEP	187	231	Base Case	0	-81.1	-	43.35	0	-0.06%	-0.06%	-0.04%	
280	253027 09GREENE 345 253026 09GREENE 138 1	253027	09GREENE	253026	09GREENE	1	345/138	209	DAY	448	493	Base Case	0	193.9	-	43.27	0	0.02%	0.02%	0.05%	
281	242534 05ALLOY 138 242689 05KANAWHA1 138 1	242534	05ALLOY	242689	05KANAWHA1	1	138	205	AEP	223	223	Base Case	0	-96.5	-	43.27	0	0.00%	0.00%	0.00%	
282	238615 02CHAMBR 345 238781 02HANNA 345 1	238615	02CHAMBR	238781	02HANNA	1	345	202	ATSI	1380	1646	Base Case	0	-596.3	-	43.21	0	0.28%	0.28%	0.31%	
283	243553 05POLARS 138 243590 05WESTAR 138 1	243553	05POLARS	243590	05WESTAR	1	138	205	AEP	223	310	Base Case	0	96.2	-	43.16	0	0.01%	0.01%	0.00%	
284	243469 05BEATTY 138 247896 05BOLTON 138 1	243469	05BEATTY	247896	05BOLTON	1	138	205	AEP	223	223	Base Case	0	96	-	43.05	0	-0.07%	-0.07%	0.00%	
285	238568 02BAYSHO 138 239310 02BPHUSKY 138 1	238568	02BAYSHO	239310	02BPHUSKY	1	138	202	ATSI	241	292	Base Case	0	103.7	-	43.04	0	0.02%	0.02%	-0.02%	
286	243516 05GREIF 138 243526 05HYATT 138 1	243516	05GREIF	243526	05HYATT	1	138	205	AEP	223	223	Base Case	0	-96	-	43.04	0	0.01%	0.01%	-0.01%	
287	238597 02CADQ17 138 238662 02DKQ-17 138 1	238597	02CADQ17	238662	02DKQ-17	1	138	202	ATSI	148	151	Base Case	0	-63.7	-	43.03	0	-0.02%	-0.02%	0.00%	
288	246481 05NMUSKG_BP 138 247374 05MUSKNG2B 138 1	246481	05NMUSKG_BP	247374	05MUSKNG2B	1	138	205	AEP	223	310	Base Case	0	-96	-	43.03	0	-0.15%	-0.15%	0.10%	
289	238643 02CW Q-1 138 240359 02BENTLEYQ1 138 1	238643	02CW Q-1	240359	02BENTLEYQ1	1	138	202	ATSI	273	332	Base Case	0	-117.4	-	43.01	0	-0.25%	-0.25%	-0.03%	
290	242943 05SCANTO 345 243092 05SCANTO 138 1	242943	05SCANTO	243092	05SCANTO	1	345/138	205	AEP	680	747	Base Case	0	292.4	-	42.99	0	0.28%	0.28%	0.02%	
291	238916 02LRN Q4 138 238919 02SLTRQ4 138 1	238916	02LRN Q4	238919	02SLTRQ4	1	138	202	ATSI	176	229	Base Case	0	75.6	-	42.96	0	-0.25%	-0.25%	-0.03%	
292	253047 09MIAMI 345 253046 09MIAMI 138 1	253047	09MIAMI	253046	09MIAMI	1	345/138	209	DAY	450	495	Base Case	0	193.3	-	42.96	0	0.02%	0.02%	0.01%	
293	243453 05BEATTY 345 243469 05BEATTY 138 3	243453	05BEATTY	243469	05BEATTY	3	345/138	205	AEP	695	695	Base Case	0	298.5	-	42.95	0	-0.13%	-0.13%	-0.06%	
294	242695 05KINCAI 138 247064 05KANAWHA2 138 1	242695	05KINCAI	247064	05KANAWHA2	1	138	205	AEP	205	255	Base Case	0	-87.8	-	42.82	0	-0.10%	-0.10%	-0.22%	
295	243091 05S.CALDWELL 138 247156 05STEAMT 138 1	243091	05S.CALDWELL	247156	05STEAMT	1	138	205	AEP	205	284	Base Case	0	87.7	-	42.8	0	-0.17%	-0.17%	0.05%	
296	250133 08WLDER2 138 250153 08KYUTB2 138 1	250133	08WLDER2	250153	08KYUTB2	1	138	212	DEO&K	264	264	Base Case	0	-113	-	42.8	0	-0.01%	-0.01%	0.00%	
297	238833 02JACKSN 138 239281 02CRNBRY 138 1	238833	02JACKSN	239281	02CRNBRY	1	138	202	ATSI	278	339	Base Case	0	-118.9	-	42.78	0	0.64%	0.64%	0.12%	
298	239237 02CLVR-S 138 243000 05EWOOST 138 1	239237	02CLVR-S	243000	05EWOOST	1	138	202/205	ATSI/AEP	161	194	Base Case	0	68.7	-	42.69	0	0.11%	0.11%	-0.03%	
299	243474 05BLACKL 138 243510 05GAHANN 138 1	243474	05BLACKL	243510	05GAHANN	1	138	205	AEP	150	212	Base Case	0	-64	-	42.66	0	0.02%	0.02%	0.00%	
300	253068 09SHELBY 138 253150 09HNDAAT 138 1	253068	09SHELBY	253150	09HNDAAT	1	138	209	DAY	221	272	Base Case	0	94.1	-	42.59	0	0.03%	0.03%	0.02%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
301	238936 02MACLEA 138 239029 02OREGON 138 1	238936	02MACLEA	239029	02OREGON	1	138	202	ATSI	287	342	Base Case	0	-122.2	-	42.57	0	0.00%	0.00%	-0.03%	
302	243349 05NEW CARLI2 138 247489 05BOSSERMAN 138 2	243349	05NEW CARLI2	247489	05BOSSERMAN	2	138	205	AEP	136	167	Base Case	0	57.9	-	42.54	0	0.12%	0.12%	0.08%	
303	238796 02HGHLND 345 240069 02LORDSTOWN 345 1	238796	02HGHLND	240069	02LORDSTOWN	1	345	202	ATSI	1413	1743	Base Case	0	-600.8	-	42.52	0	-0.02%	-0.02%	-0.06%	
304	238549 02AVERY 138 239290 02HAYES 138 1	238549	02AVERY	239290	02HAYES	1	138	202	ATSI	233	282	Base Case	0	-99	-	42.49	0	-0.24%	-0.24%	-0.04%	
305	243049 05NATRIUM12 138 247058 05DOMIN 138 1	243049	05NATRIUM12	247058	05DOMIN	1	138	205	AEP	257	349	Base Case	0	109.1	-	42.44	0	0.00%	0.00%	0.00%	
306	243250 05BENTON 138 245846 05RIVERSIDE2 138 1	243250	05BENTON	245846	05RIVERSIDE2	1	138	205	AEP	167	240	Base Case	0	70.8	-	42.41	0	0.03%	0.03%	0.00%	
307	242836 05TURNE1 138 247091 05LAKEVI 138 1	242836	05TURNE1	247091	05LAKEVI	1	138	205	AEP	296	296	Base Case	0	-125.3	-	42.32	0	-0.10%	-0.10%	-0.13%	
308	242537 05AMOS 138 247091 05LAKEVI 138 1	242537	05AMOS	247091	05LAKEVI	1	138	205	AEP	296	296	Base Case	0	125.3	-	42.32	0	-0.10%	-0.10%	-0.13%	
309	249566 08FOSTER 345 253079 09SUGRCK 345 1	249566	08FOSTER	253079	09SUGRCK	1	345	212/209	DEO&K/DAY	1263	1455	Base Case	0	532.2	-	42.13	0	-0.53%	-0.53%	0.00%	
310	243315 05ILLINO 138 243377 05SORENS 138 1	243315	05ILLINO	243377	05SORENS	1	138	205	AEP	335	392	Base Case	0	-141	-	42.08	0	-0.02%	-0.02%	0.04%	
311	243091 05S.CALDWELL 138 247372 05MUSKNG1C 138 2	243091	05S.CALDWELL	247372	05MUSKNG1C	2	138	205	AEP	205	284	Base Case	0	-86.2	-	42.05	0	-0.28%	-0.28%	-0.01%	
312	242841 05W GLOW 138 242853 05WURNO 138 1	242841	05W GLOW	242853	05WURNO	1	138	205	AEP	219	255	Base Case	0	92.1	-	42.03	0	-0.11%	-0.11%	-0.16%	
313	242708 05M FUNK 138 242756 05POAGES 138 1	242708	05M FUNK	242756	05POAGES	1	138	205	AEP	167	240	Base Case	0	70.1	-	41.96	0	-0.03%	-0.03%	-0.18%	
314	253042 09LOGAN 138 253065 09QUINCY 138 1	253042	09LOGAN	253065	09QUINCY	1	138	209	DAY	160	224	Base Case	0	-67.1	-	41.96	0	-0.09%	-0.09%	-0.04%	
315	243089 05SBALTM 138 243149 05W.LANCAST1 138 1	243089	05SBALTM	243149	05W.LANCAST1	1	138	205	AEP	167	167	Base Case	0	70	-	41.93	0	-0.03%	-0.03%	-0.02%	
316	243217 05DEQUIN 345 243221 05EUGENE 345 1	243217	05DEQUIN	243221	05EUGENE	1	345	205	AEP	1409	1959	Base Case	0	-590.6	-	41.92	0	0.08%	0.08%	0.53%	
317	253077 09STUART 345 250167 08DEO_STUART 138 1	253077	09STUART	250167	08DEO_STUART	1	345/138	209/212	DAY/DEO&K	250	275	Base Case	0	104.8	-	41.92	0	0.00%	0.00%	0.01%	
318	246752 05VASSEL 345 247728 05VASSEL_XFL 345 Z1	246752	05VASSEL	247728	05VASSEL_XFL	Z1	345	205	AEP	2855	2897	Base Case	0	-1196.4	-	41.9	0	0.93%	0.93%	0.38%	
319	238570 02BEAVER 138 239318 02HENRTA 138 1	238570	02BEAVER	239318	02HENRTA	1	138	202	ATSI	161	194	Base Case	0	67.4	-	41.88	0	0.08%	0.08%	-0.09%	
320	250057 08M.FORT 138 250060 08MDWAY1 138 1	250057	08M.FORT	250060	08MDWAY1	1	138	212	DEO&K	275	275	Base Case	0	115.1	-	41.85	0	-0.03%	-0.03%	0.01%	
321	243511 05GAY 138 243584 05VINE 138 1	243511	05GAY	243584	05VINE	1	138	205	AEP	174	233	Base Case	0	72.8	-	41.83	0	-0.04%	-0.04%	0.00%	
322	242689 05KANAWHA1 138 247333 05PAX BRANCH 138 1	242689	05KANAWHA1	247333	05PAX BRANCH	1	138	205	AEP	205	284	Base Case	0	85.7	-	41.8	0	-0.09%	-0.09%	-0.23%	
323	242930 05SCANTO 765 247463 05SCANTO_XFL 345 3	242930	05SCANTO	247463	05SCANTO_XFL	3	765/345	205	AEP	2703	3108	Base Case	0	1129.3	-	41.78	0	-1.42%	-1.43%	2.25%	
324	242698 05LAKIN 138 242807 05SPORN 138 1	242698	05LAKIN	242807	05SPORN	1	138	205	AEP	185	185	Base Case	0	-77.2	-	41.75	0	0.07%	0.07%	-0.02%	
325	238767 02GRFD T 138 238768 02GRNFLD 138 ZL	238767	02GRFD T	238768	02GRNFLD	ZL	138	202	ATSI	66	66	Base Case	0	-27.6	-	41.74	0	0.00%	0.00%	0.00%	
326	249573 08SGROVE 345 249577 08ZIMER 345 1	249573	08SGROVE	249577	08ZIMER	1	345	212	DEO&K	1664	1664	Base Case	0	-694.2	-	41.72	0	-0.12%	-0.12%	-0.05%	
327	243091 05S.CALDWELL 138 247371 05MUSKNG1B 138 1	243091	05S.CALDWELL	247371	05MUSKNG1B	1	138	205	AEP	205	284	Base Case	0	-85.5	-	41.72	0	-0.28%	-0.28%	-0.01%	
328	238783 02HARDIN 345 238792 02HDGQ11 138 1	238783	02HARDIN	238792	02HDGQ11	1	345/138	202	ATSI	347	454	Base Case	0	144.7	-	41.7	0	0.06%	0.06%	0.00%	
329	249991 08BUFTN1 138 250148 08EKPWEB 138 1	249991	08BUFTN1	250148	08EKPWEB	1	138	212	DEO&K	298	298	Base Case	0	124.2	-	41.69	0	0.03%	0.03%	0.06%	
330	239106 02SHNAGO 345 239936 02MCCLELLAND 345 1	239106	02SHNAGO	239936	02MCCLELLAND	1	345	202	ATSI	1380	1646	Base Case	0	-575	-	41.66	0	0.08%	0.08%	-0.23%	
331	242935 05E LIMA 345 242989 05E LIMA 138 1	242935	05E LIMA	242989	05E LIMA	1	345/138	205	AEP	513	576	Base Case	0	213.7	-	41.66	0	0.02%	0.02%	0.05%	
332	243227 05LAWBG2 345 243233 05TANNER 345 2	243227	05LAWBG2	243233	05TANNER	2	345	205	AEP	1188	1409	Base Case	0	494.6	-	41.63	0	-0.31%	-0.31%	-0.31%	
333	238588 02BRNSWK 138 239618 02LAUREL 138 1	238588	02BRNSWK	239618	02LAUREL	1	138	202	ATSI	233	282	Base Case	0	-96.9	-	41.6	0	-0.13%	-0.13%	-0.01%	
334	243675 05BELLF1 138 243968 05IRONWOODSS 138 1	243675	05BELLF1	243968	05IRONWOODSS	1	138	205	AEP	136	167	Base Case	0	56.5	-	41.54	0	0.05%	0.05%	0.12%	
335	253046 09MIAMI 138 253056 09NORTHR 138 1	253046	09MIAMI	253056	09NORTHR	1	138	209	DAY	191	234	Base Case	0	79.3	-	41.54	0	0.00%	0.00%	-0.01%	
336	243491 05CORRID 138 243547 05MORSE 138 1	243491	05CORRID	243547	05MORSE	1	138	205	AEP	293	338	Base Case	0	121.7	-	41.52	0	0.06%	0.06%	0.01%	
337	238745 02GALION 345 238746 02GALION 138 4	238745	02GALION	238746	02GALION	4	345/138	202	ATSI	400	478	Base Case	0	165.9	-	41.48	0	-0.22%	-0.22%	-0.05%	
338	247489 05BOSSERMAN 138 255184 17TRAIL_CRK 138 1	247489	05BOSSERMAN	255184	17TRAIL_CRK	1	138	205/217	AEP/NIPS	156	156	Base Case	0	64.5	-	41.36	0	0.17%	0.17%	0.11%	
339	243070 05OHIOCT 138 243145 05WCOSHC 138 1	243070	05OHIOCT	243145	05WCOSHC	1	138	205	AEP	185	254	Base Case	0	76.4	-	41.32	0	-0.26%	-0.26%	0.03%	
340	253014 09CLINTO 345 253310 AC1-085 POI 345 1	253014	09CLINTO	253310	AC1-085 POI	1	345	209	DAY	1255	1374	Base Case	0	-518.5	-	41.31	0	-0.15%	-0.15%	0.17%	
341	238944 02MASURY 138 239107 02SHNAGO 138 1	238944	02MASURY	239107	02SHNAGO	1	138	202	ATSI	157	196	Base Case	0	-64.8	-	41.3	0	0.04%	0.04%	-0.02%	
342	243513 05GENOA 138 243537 05MALIS 138 2	243513	05GENOA	243537	05MALIS	2	138	205	AEP	338	407	Base Case	0	-139.5	-	41.26	0	0.01%	0.01%	0.01%	
343	235428 01WINDSR 138 243131 05TILTON 138 1	235428	01WINDSR	243131	05TILTON	1	138	201/205	AP/AEP	329	361	Base Case	0	-135.7	-	41.25	0	-0.75%	-0.75%	0.00%	
344	244745 05BABBIT1-2 138 246385 05JUGST 7-11 138 1	244745	05BABBIT1-2	246385	05JUGST 7-11	1	138	205	AEP	564	747	Base Case	0	-232.5	-	41.23	0	0.00%	0.00%	0.00%	
345	243526 05HYATT 138 243566 05SAWMIL 138 1	243526	05HYATT	243566	05SAWMIL	1	138	205	AEP	340	434	Base Case	0	140.1	-	41.21	0	0.03%	0.03%	0.00%	
346	249999 08CNSTNC 138 250007 08CRSNT1 138 1	249999	08CNSTNC	250007	08CRSNT1	1	138	212	DEO&K	238	238	Base Case	0	97.9	-	41.15	0	-0.05%	-0.05%	-0.01%	
347	242984 05CHATFL 138 243039 05MELMOR 138 1	242984	05CHATFL	243039	05MELMOR	1	138	205	AEP	167	167	Base Case	0	-68.7	-	41.13	0	-0.12%	-0.12%	-0.10%	
348	242745 05PEAKCK 138 242841 05W GLOW 138 1	242745	05PEAKCK	242841	05W GLOW	1	138	205	AEP	251	309	Base Case	0	103.2	-	41.1	0	-0.11%	-0.11%	-0.16%	
349	238652 02DARROW 138 239136 02TEREX 138 1	238652	02DARROW	239136	02TEREX	1	138	202	ATSI	50	50	Base Case	0	20.5	-	41.03	0	0.00%	0.00%	0.00%	
350	243262 05COLLEGE C 138 250001 08COLINV 138 1	243262	05COLLEGE C	250001	08COLINV	1	138	205/212	AEP/DEO&K	167	167	Base Case	0	68.4	-	40.98	0	-0.06%	-0.06%	-0.06%	
351	243619 05ROSEWOODSS 138 244198 05LEMASTER 138 1	243619	05ROSEWOODSS	244198	05LEMASTER	1	138	205	AEP	338	483	Base Case	0	138.4	-	40.96	0	0.01%	0.01%	0.19%	
352	250044 08HEBRN2 138 250152 08HEBRNG 138 Z1	250044	08HEBRN2	250152	08HEBRNG	Z1	138	212	DEO&K	309	349	Base Case	0	-126.5	-	40.94	0	-0.05%	-0.05%	-0.01%	
353	242522 05AMOS 345 242537 05AMOS 138 7	242522	05AMOS	242537	05AMOS	7	345/138	205	AEP	680	696	Base Case	0	278.2	-	40.91	0	-0.10%	-0.10%	-0.18%	
354	238782 02HANNA 138 239615 02OLDFRG 138 1	238782	02HANNA	239615	02OLDFRG	1	138	202	ATSI	233	282	Base Case	0	95.3	-	40.91	0	0.06%	0.06%	-0.02%	
355	253026 09GREENE 138 935040 AD1-140 TAP 138 1	253026	09GREENE	935040	AD1-140 TAP	1	138	209/202	DAY/ATSI	233	282	Base Case	0	95.1	-	40.84	0	-0.17%	-0.17%	-0.04%	
356	238623 02CLARK 138 935040 AD1-140 TAP 138 1	238623	02CLARK	935040	AD1-140 TAP	1	138	202	ATSI	233	282	Base Case	0	-95.1	-	40.84	0	-0.17%	-0.17%	-0.04%	
357	242788 05SALTV1 138 242827 05TAZEWE 138 1	242788	05SALTV1	242827	05TAZEWE	1	138	205	AEP	296	398	Base Case	0	120.8	-	40.83	0	-0.16%	-0.16%	0.07%	
358	243560 05ROBERT 138 246907 05W.CAMPUS 138 1	243560	05ROBERT	246907	05W.CAMPUS	1	138	205	AEP	324	434	Base Case	0	131.4	-	40.57	0	-0.01%	-0.01%	-0.02%	
359	242931 05BEVERL 345 242940 05MUSKNG 345 1	242931	05BEVERL	242940	05MUSKNG	1	345	205	AEP	971	971	Base Case	0	393.8	-	40.56	0	1.26%	1.26%	-0.79%	
360	238796 02HGHLND 345 240069 02LORDSTOWN 345 2	238796	02HGHLND	240069	02LORDSTOWN	2	345	202	ATSI	1413	1743	Base Case	0	-572.1	-	40.49	0	-0.02%	-0.02%	-0.06%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
361	239198 02CONGRS 138 239369 02TORONTO 138 1	239198	02CONGRS	239369	02TORONTO	1	138	202	ATSI	185	189	Base Case	0	-74.7	-	40.4	0	0.12%	0.12%	0.01%	
362	242525 05KANAWH 345 247068 05KANAWH_ASZ 138 A	242525	05KANAWH	247068	05KANAWH_ASZ	A	345/138	205	AEP	492	556	Base Case	0	198.7	-	40.39	0	-0.11%	-0.11%	-0.05%	
363	249569 08MADISN 345 249576 08WODSDL 345 1	249569	08MADISN	249576	08WODSDL	1	345	208/212	DEI/DEO&K	1139	1195	Base Case	0	459.4	-	40.33	0	-0.29%	-0.29%	-0.29%	
364	238707 02EVANS 138 238750 02GDYR + 138 1	238707	02EVANS	238750	02GDYR +	1	138	202	ATSI	233	282	Base Case	0	-93.8	-	40.28	0	0.10%	0.10%	0.07%	
365	242933 05RPMONE 345 246929 05MADDOX 345 1	242933	05RPMONE	246929	05MADDOX	1	345	205	AEP	897	1301	Base Case	0	361.3	-	40.27	0	-1.18%	-1.18%	-0.47%	
366	245983 05GRISTMILL 138 245994 05GEMINI 138 1	245983	05GRISTMILL	245994	05GEMINI	1	138	205	AEP	257	360	Base Case	0	103.5	-	40.27	0	0.01%	0.01%	0.04%	
367	238781 02HANNA 345 238850 02JUNIPE 345 1	238781	02HANNA	238850	02JUNIPE	1	345	202	ATSI	1555	1892	Base Case	0	626.1	-	40.26	0	0.50%	0.50%	0.50%	
368	242537 05AMOS 138 242740 05ORTIN 138 2	242537	05AMOS	242740	05ORTIN	2	138	205	AEP	696	729	Base Case	0	280.2	-	40.26	0	-0.23%	-0.23%	-0.27%	
369	243278 05DESOTO 138 243337 05MAYFIE 138 1	243278	05DESOTO	243337	05MAYFIE	1	138	205	AEP	205	205	Base Case	0	82.5	-	40.24	0	0.01%	0.01%	0.00%	
370	242566 05BROADF 138 242693 05KEYWSS 138 1	242566	05BROADF	242693	05KEYWSS	1	138	205	AEP	167	245	Base Case	0	-67.2	-	40.23	0	-0.10%	-0.10%	0.00%	
371	238832 02JACKMA 138 239236 02TOLHOS 138 1	238832	02JACKMA	239236	02TOLHOS	1	138	202	ATSI	216	264	Base Case	0	86.8	-	40.19	0	0.04%	0.04%	-0.01%	
372	243231 05ROB PK 345 243232 05SORENS 345 1	243231	05ROB PK	243232	05SORENS	1	345	205	AEP	1025	1203	Base Case	0	-411.7	-	40.17	0	0.13%	0.13%	0.45%	
373	238504 02GM-PWR-TRN 138 239219 02SMUCKER 1 138 1	238504	02GM-PWR-TRN	239219	02SMUCKER 1	1	138	202	ATSI	278	343	Base Case	0	111.5	-	40.12	0	0.05%	0.05%	-0.03%	
374	242938 05MARQUI 345 243034 05MARQUI 138 2	242938	05MARQUI	243034	05MARQUI	2	345/138	205	AEP	501	564	Base Case	0	200.8	-	40.08	0	-0.03%	-0.03%	0.04%	
375	243454 05BIXBY 345 243473 05BIXBY 138 2	243454	05BIXBY	243473	05BIXBY	2	345/138	205	AEP	720	815	Base Case	0	288.6	-	40.08	0	0.01%	0.01%	0.01%	
376	242729 05NAGEL 138 242762 05REEDCR 138 1	242729	05NAGEL	242762	05REEDCR	1	138	205	AEP	205	205	Base Case	0	82.1	-	40.04	0	-0.01%	-0.01%	-0.04%	
377	238706 02EU TAP 138 238991 02NCASTL 138 1	238706	02EU TAP	238991	02NCASTL	1	138	202	ATSI	329	413	Base Case	0	-131.6	-	40.01	0	0.20%	0.20%	-0.01%	
378	243679 05BUSSYV 138 243702 05THELMA 138 1	243679	05BUSSYV	243702	05THELMA	1	138	205	AEP	223	310	Base Case	0	89.1	-	39.97	0	0.04%	0.04%	-0.08%	
379	242688 05JOSHUA 138 247670 05JOSHUA_XFL 138 1	242688	05JOSHUA	247670	05JOSHUA_XFL	1	138	205	AEP	747	747	Base Case	0	-298.4	-	39.95	0	-0.19%	-0.19%	-1.79%	
380	243226 05LAWBG1 345 243233 05TANNER 345 1	243226	05LAWBG1	243233	05TANNER	1	345	205	AEP	1239	1409	Base Case	0	494.6	-	39.92	0	-0.31%	-0.31%	-0.31%	
381	242675 05HUFFMN 138 242684 05J.FERR 138 1	242675	05HUFFMN	242684	05J.FERR	1	138	205	AEP	282	348	Base Case	0	-112.3	-	39.82	0	0.03%	0.03%	0.07%	
382	243086 05S HICK 138 247108 05SOWERS 138 1	243086	05S HICK	247108	05SOWERS	1	138	205	AEP	223	310	Base Case	0	-88.8	-	39.81	0	-0.22%	-0.22%	0.04%	
383	239082 02S8-ATT 345 238544 02ASH_3 138 8	239082	02S8-ATT	238544	02ASH_3	8	345/138	202	ATSI	620	701	Base Case	0	246.8	-	39.81	0	0.65%	0.65%	-0.12%	
384	249988 08BKJ135 138 250103 08TBSCO1 138 1	249988	08BKJ135	250103	08TBSCO1	1	138	212	DEO&K	332	332	Base Case	0	132.1	-	39.8	0	0.05%	0.05%	0.06%	
385	242940 05MUSKNG 345 242949 05WMILLP 345 1	242940	05MUSKNG	242949	05WMILLP	1	345	205	AEP	897	897	Base Case	0	355.5	-	39.63	0	0.62%	0.62%	0.19%	
386	242977 05CALDWE 138 243091 05S.CALDWELL 138 1	242977	05CALDWE	243091	05S.CALDWELL	1	138	205	AEP	205	284	Base Case	0	-81.2	-	39.61	0	-0.18%	-0.18%	0.06%	
387	242748 05PENHOK 138 242802 05SMITHMTN 138 1	242748	05PENHOK	242802	05SMITHMTN	1	138	205	AEP	296	392	Base Case	0	-116.8	-	39.47	0	0.00%	0.00%	0.39%	
388	242522 05AMOS 345 242537 05AMOS 138 8	242522	05AMOS	242537	05AMOS	8	345/138	205	AEP	696	696	Base Case	0	274.3	-	39.41	0	-0.10%	-0.10%	-0.17%	
389	242592 05CHEM 1 138 242593 05CHEM 2 138 Z1	242592	05CHEM 1	242593	05CHEM 2	Z1	138	205	AEP	498	498	Base Case	0	196.2	-	39.41	0	-0.24%	-0.24%	-0.24%	
390	238575 02BLUBEL 138 239306 02REPUBLICSM 138 1	238575	02BLUBEL	239306	02REPUBLICSM	1	138	202	ATSI	117	147	Base Case	0	-46.1	-	39.39	0	0.11%	0.11%	-0.08%	
391	253026 09GREENE 138 253062 09OVERL1 138 1	253026	09GREENE	253062	09OVERL1	1	138	209	DAY	306	380	Base Case	0	120.5	-	39.38	0	0.05%	0.05%	0.05%	
392	250057 08M.FORT 138 250070 08MRGAN1 138 1	250057	08M.FORT	250070	08MRGAN1	1	138	212	DEO&K	268	268	Base Case	0	105.3	-	39.28	0	-0.03%	-0.03%	0.01%	
393	242925 05KAMMER 765 242930 05SCANTO 765 1	242925	05KAMMER	242930	05SCANTO	1	765	205	AEP	2890	2890	Base Case	0	1132.8	-	39.2	0	-1.42%	-1.43%	2.25%	
394	242621 05DARRH1 138 242835 05TRISTA 138 1	242621	05DARRH1	242835	05TRISTA	1	138	205	AEP	167	240	Base Case	0	-65.4	-	39.19	0	-0.04%	-0.04%	0.02%	
395	243475 05BLENDO 138 243491 05CORRID 138 1	243475	05BLENDO	243491	05CORRID	1	138	205	AEP	285	338	Base Case	0	-111.5	-	39.14	0	0.05%	0.05%	0.01%	
396	242592 05CHEM 1 138 242740 05ORTIN 138 2	242592	05CHEM 1	242740	05ORTIN	2	138	205	AEP	685	729	Base Case	0	-267.9	-	39.11	0	-0.23%	-0.23%	-0.27%	
397	238850 02JUNIPE 345 238843 02JNPRQ4 138 6	238850	02JUNIPE	238843	02JNPRQ4	6	345/138	202	ATSI	486	579	Base Case	0	190.1	-	39.11	0	-0.01%	-0.01%	0.03%	
398	242807 05SPORN 138 243013 05GAVIN1 138 1	242807	05SPORN	243013	05GAVIN1	1	138	205	AEP	158	183	Base Case	0	61.8	-	39.11	0	0.06%	0.06%	-0.02%	
399	250052 08KYUNIV 138 250153 08KYUTB2 138 Z1	250052	08KYUNIV	250153	08KYUTB2	Z1	138	212	DEO&K	309	349	Base Case	0	120.7	-	39.07	0	-0.01%	-0.01%	0.00%	
400	242637 05FLATWO 138 247558 05JARRETT 138 1	242637	05FLATWO	247558	05JARRETT	1	138	205	AEP	219	255	Base Case	0	85.5	-	39.05	0	-0.29%	-0.29%	0.03%	
401	242989 05E LIMA 138 243155 05W.NEWTONSS 138 1	242989	05E LIMA	243155	05W.NEWTONSS	1	138	205	AEP	158	183	Base Case	0	61.7	-	39.03	0	-0.10%	-0.10%	-0.03%	
402	243498 05DLAWAR2 138 246753 05VASSEL 138 1	243498	05DLAWAR2	246753	05VASSEL	1	138	205	AEP	338	456	Base Case	0	-131.9	-	39.01	0	0.07%	0.07%	0.04%	
403	238532 02ALLNJB 138 239110 02SIL_AV+ 138 1	238532	02ALLNJB	239110	02SIL_AV+	1	138	202	ATSI	278	343	Base Case	0	108.5	-	39.01	0	-0.06%	-0.06%	0.01%	
404	238730 02FORTIN 138 239315 02STER-P 138 1	238730	02FORTIN	239315	02STER-P	1	138	202	ATSI	241	292	Base Case	0	94	-	38.99	0	0.07%	0.07%	-0.01%	
405	242940 05MUSKNG 345 242949 05WMILLP 345 2	242940	05MUSKNG	242949	05WMILLP	2	345	205	AEP	915	1132	Base Case	0	356.4	-	38.95	0	0.62%	0.62%	0.19%	
406	243492 05CORWIN 138 243545 05MILTON SS 138 1	243492	05CORWIN	243545	05MILTON SS	1	138	205	AEP	219	255	Base Case	0	-85.3	-	38.95	0	-0.06%	-0.06%	0.07%	
407	238878 02LB Q12 138 241923 02ELQ3 138 1	238878	02LB Q12	241923	02ELQ3	1	138	202	ATSI	273	287	Base Case	0	-106.3	-	38.95	0	0.01%	0.01%	0.00%	
408	242605 05CLNCHR 138 242700 05LEBANO 138 1	242605	05CLNCHR	242700	05LEBANO	1	138	205	AEP	446	446	Base Case	0	173.4	-	38.87	0	-0.34%	-0.34%	-0.33%	
409	238908 02LONDON 138 926010 AC1-078 TAP 138 1	238908	02LONDON	926010	AC1-078 TAP	1	138	202	ATSI	277	277	Base Case	0	-107.6	-	38.86	0	0.09%	0.09%	0.06%	
410	242575 05CAMDLM 138 242737 05OPOSSUMCK 138 1	242575	05CAMDLM	242737	05OPOSSUMCK	1	138	205	AEP	205	284	Base Case	0	79.5	-	38.8	0	-0.06%	-0.06%	0.37%	
411	239070 02RICHLD 138 239269 02RICHLJ 138 ZB	239070	02RICHLD	239269	02RICHLJ	ZB	138	202	ATSI	329	413	Base Case	0	127.6	-	38.79	0	-0.11%	-0.11%	-0.11%	
412	242680 05ITMANN 138 242754 05PINNAC 138 1	242680	05ITMANN	242754	05PINNAC	1	138	205	AEP	205	255	Base Case	0	-79.4	-	38.73	0	-0.08%	-0.08%	-0.01%	
413	250072 08MTCHL1 138 250074 08MTCHL4 138 Z1	250072	08MTCHL1	250074	08MTCHL4	Z1	138	212	DEO&K	267	267	Base Case	0	-103.4	-	38.71	0	-0.04%	-0.04%	-0.04%	
414	238644 02CW Q-3 138 240360 02BENTLEYQ3 138 1	238644	02CW Q-3	240360	02BENTLEYQ3	1	138	202	ATSI	273	332	Base Case	0	-105.5	-	38.65	0	-0.19%	-0.19%	-0.02%	
415	243385 05TWIN B 138 247780 05KLINE 138 1	243385	05TWIN B	247780	05KLINE	1	138	205	AEP	329	334	Base Case	0	126.9	-	38.59	0	-0.07%	-0.07%	-0.07%	
416	243456 05CORRID 345 243491 05CORRID 138 1	243456	05CORRID	243491	05CORRID	1	345/138	205	AEP	680	847	Base Case	0	262.4	-	38.58	0	0.08%	0.08%	0.01%	
417	238551 02AVON 345 241928 02AVQ2 138 91	238551	02AVON	241928	02AVQ2	91	345/138	202	ATSI	753	849	Base Case	0	290.3	-	38.55	0	-0.48%	-0.48%	-0.07%	
418	243231 05ROB PK 345 244672 05ROB PK_XFL 138 5	243231	05ROB PK	244672	05ROB PK_XFL	5	345/138	205	AEP	887	982	Base Case	0	341.1	-	38.46	0	-0.07%	-0.07%	0.00%	
419	239036 02PERRY 345 239334 02L.CENTER 345 1	239036	02PERRY	239334	02L.CENTER	1	345	202	ATSI	1396	1667	Base Case	0	536.7	-	38.45	0	0.82%	0.82%	-0.38%	
420	239060 02RDGVL 138 239070 02RICHLD 138 1	239060	02RDGVL	239070	02RICHLD	1	138	202	ATSI	161	194	Base Case	0	-61.8	-	38.4	0	-0.13%	-0.13%	0.00%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
421	243349 05NEW CARLI2 138 244930 05NEW CARLI1 138 Z1	243349	05NEW CARLI2	244930	05NEW CARLI1	Z1	138	205	AEP	335	392	Base Case	0	-128.6	-	38.39	0	-0.05%	-0.05%	-0.01%	
422	243012 05G WASHGTON 138 246945 05BIGR1Z 138 1	243012	05G WASHGTON	246945	05BIGR1Z	1	138	205	AEP	205	205	Base Case	0	78.6	-	38.37	0	-0.18%	-0.18%	0.05%	
423	238649 02DALE 138 238968 02MOORE 138 1	238649	02DALE	238968	02MOORE	1	138	202	ATSI	233	282	Base Case	0	89.4	-	38.37	0	-0.10%	-0.10%	0.10%	
424	243461 05ROBRT1 345 243560 05ROBERT 138 1	243461	05ROBRT1	243560	05ROBERT	1	345/138	205	AEP	671	766	Base Case	0	257.1	-	38.31	0	-0.06%	-0.06%	-0.04%	
425	243337 05MAYFIE 138 246625 05MEDFORD_BP 138 1	243337	05MAYFIE	246625	05MEDFORD_BP	1	138	205	AEP	180	205	Base Case	0	69	-	38.31	0	0.01%	0.01%	0.00%	
426	238724 02FMEAST 138 239239 02MEDCO 138 1	238724	02FMEAST	239239	02MEDCO	1	138	202	ATSI	194	237	Base Case	0	74.3	-	38.31	0	-0.08%	-0.08%	0.02%	
427	243293 05FISHER 138 243302 05GRANT 138 1	243293	05FISHER	243302	05GRANT	1	138	205	AEP	251	335	Base Case	0	-96	-	38.26	0	-0.07%	-0.07%	-0.05%	
428	250065 08MILIKN 138 250105 08TDHNTR 138 1	250065	08MILIKN	250105	08TDHNTR	1	138	212	DEO&K	299	299	Base Case	0	-114.4	-	38.25	0	-0.03%	-0.03%	-0.05%	
429	238626 02CLAYBN 138 239083 02SAKRON 138 1	238626	02CLAYBN	239083	02SAKRON	1	138	202	ATSI	157	196	Base Case	0	-60	-	38.24	0	-0.04%	-0.04%	0.05%	
430	242525 05KANAWH 345 247092 05KANAWH_BSZ 138 B	242525	05KANAWH	247092	05KANAWH_BSZ	B	345/138	205	AEP	539	574	Base Case	0	206	-	38.22	0	-0.11%	-0.11%	-0.05%	
431	238751 02SMUCKER 2 138 239315 02STER-P 138 1	238751	02SMUCKER 2	239315	02STER-P	1	138	202	ATSI	241	292	Base Case	0	-92.1	-	38.22	0	0.07%	0.07%	-0.01%	
432	253074 09STATAP 138 253098 09STAUNT 138 1	253074	09STATAP	253098	09STAUNT	1	138	209	DAY	196	198	Base Case	0	74.9	-	38.2	0	0.00%	0.00%	0.00%	
433	242940 05MUSKNG 345 247501 05MUSK_E_XFL 138 E	242940	05MUSKNG	247501	05MUSK_E_XFL	E	345/138	205	AEP	713	765	Base Case	0	272.3	-	38.19	0	-0.50%	-0.50%	-0.01%	
434	238783 02HARDIN 345 238850 02JUNIPE 345 1	238783	02HARDIN	238850	02JUNIPE	1	345	202	ATSI	1555	1793	Base Case	0	-593.5	-	38.17	0	-0.44%	-0.44%	0.19%	
435	242940 05MUSKNG 345 247500 05MUSK_D_XFL 138 D	242940	05MUSKNG	247500	05MUSK_D_XFL	D	345/138	205	AEP	713	765	Base Case	0	271.9	-	38.14	0	-0.50%	-0.50%	-0.01%	
436	238783 02HARDIN 345 238794 02HDGQ13 138 3	238783	02HARDIN	238794	02HDGQ13	3	345/138	202	ATSI	397	488	Base Case	0	151.4	-	38.13	0	0.07%	0.07%	0.01%	
437	243318 05JACKSON RD 138 243371 05S SIDE 138 1	243318	05JACKSON RD	243371	05S SIDE	1	138	205	AEP	251	335	Base Case	0	95.6	-	38.09	0	0.06%	0.06%	0.04%	
438	242614 05COLLINV SS 138 242711 05MARTN1 138 1	242614	05COLLINV SS	242711	05MARTN1	1	138	205	AEP	219	255	Base Case	0	-83.4	-	38.07	0	-0.04%	-0.04%	0.30%	
439	240360 02BENTLEYQ3 138 241929 02AVQ3 138 1	240360	02BENTLEYQ3	241929	02AVQ3	1	138	202	ATSI	278	339	Base Case	0	-105.7	-	38.01	0	-0.19%	-0.19%	-0.02%	
440	250152 08HEBRNG 138 342595 4HEBRON 138 1	250152	08HEBRNG	342595	4HEBRON	1	138	212/320	DEO&K/EKPC	96	117	Base Case	0	36.5	-	38	0	-0.01%	-0.01%	-0.02%	
441	243218 05DESOTO 345 243278 05DESOTO 138 1	243218	05DESOTO	243278	05DESOTO	1	345/138	205	AEP	584	692	Base Case	0	221.8	-	37.98	0	-0.01%	-0.01%	0.00%	
442	243789 05FACEBOOK 138 244745 05BABBIT1-2 138 Z3	243789	05FACEBOOK	244745	05BABBIT1-2	Z3	138	205	AEP	158	183	Base Case	0	-60	-	37.97	0	0.00%	0.00%	0.00%	
443	243789 05FACEBOOK 138 244745 05BABBIT1-2 138 Z2	243789	05FACEBOOK	244745	05BABBIT1-2	Z2	138	205	AEP	158	183	Base Case	0	-60	-	37.97	0	0.00%	0.00%	0.00%	
444	243789 05FACEBOOK 138 244745 05BABBIT1-2 138 Z1	243789	05FACEBOOK	244745	05BABBIT1-2	Z1	138	205	AEP	158	183	Base Case	0	-60	-	37.97	0	0.00%	0.00%	0.00%	
445	243145 05WCOSHC 138 247253 05BUCKSS 138 1	243145	05WCOSHC	247253	05BUCKSS	1	138	205	AEP	185	257	Base Case	0	70.1	-	37.9	0	-0.26%	-0.26%	0.04%	
446	242729 05NAGEL 138 245220 05W.KINGSPT2 138 1	242729	05NAGEL	245220	05W.KINGSPT2	1	138	205	AEP	205	205	Base Case	0	77.7	-	37.89	0	0.01%	0.01%	0.06%	
447	243278 05DESOTO 138 247837 05PERCH 138 1	243278	05DESOTO	247837	05PERCH	1	138	205	AEP	409	409	Base Case	0	154.9	-	37.88	0	-0.05%	-0.05%	0.03%	
448	243460 05ROBRT2 345 243560 05ROBERT 138 2	243460	05ROBRT2	243560	05ROBERT	2	345/138	205	AEP	671	766	Base Case	0	254	-	37.85	0	-0.06%	-0.06%	-0.04%	
449	253007 09BELLBR 138 253078 09SUGRCK 138 1	253007	09BELLBR	253078	09SUGRCK	1	138	209	DAY	301	419	Base Case	0	-113.8	-	37.82	0	-0.07%	-0.07%	0.00%	
450	238678 02EAKRON 138 239615 02OLDFRG 138 1	238678	02EAKRON	239615	02OLDFRG	1	138	202	ATSI	221	262	Base Case	0	-83.4	-	37.75	0	0.06%	0.06%	-0.02%	
451	243333 05MADISON1 138 247420 05CROSS ST Z 138 1	243333	05MADISON1	247420	05CROSS ST Z	1	138	205	AEP	187	233	Base Case	0	70.6	-	37.73	0	-0.01%	-0.01%	0.06%	
452	243335 05MAIN S 138 243365 05RIVERSIDE1 138 1	243335	05MAIN S	243365	05RIVERSIDE1	1	138	205	AEP	219	223	Base Case	0	-82.5	-	37.69	0	0.07%	0.07%	0.02%	
453	242775 05ROCKCAS SS 138 242802 05SMITHMTN 138 1	242775	05ROCKCAS SS	242802	05SMITHMTN	1	138	205	AEP	358	409	Base Case	0	-134.5	-	37.57	0	-0.06%	-0.06%	0.94%	
454	242855 05WYOMIN 138 242857 05WYOMX2 138 ZB	242855	05WYOMIN	242857	05WYOMX2	ZB	138	205	AEP	696	747	Base Case	0	-261.5	-	37.57	0	0.05%	0.05%	0.07%	
455	242855 05WYOMIN 138 242856 05WYOMX1 138 ZB	242855	05WYOMIN	242856	05WYOMX1	ZB	138	205	AEP	696	747	Base Case	0	-261.5	-	37.57	0	0.05%	0.05%	0.07%	
456	238543 02ASH_2 138 240366 02PETMIN 138 1	238543	02ASH_2	240366	02PETMIN	1	138	202	ATSI	200	242	Base Case	0	75.1	-	37.56	0	0.00%	0.00%	0.00%	
457	249994 08CHRLES 138 250091 08RCHLE3 138 1	249994	08CHRLES	250091	08RCHLE3	1	138	212	DEO&K	268	282	Base Case	0	-100.4	-	37.48	0	-0.03%	-0.03%	-0.08%	
458	242680 05ITMANN 138 242727 05MULLEN 138 1	242680	05ITMANN	242727	05MULLEN	1	138	205	AEP	205	255	Base Case	0	76.8	-	37.46	0	-0.08%	-0.08%	-0.01%	
459	250161 08T758 138 250162 08GARVER 138 1	250161	08T758	250162	08GARVER	1	138	212	DEO&K	298	298	Base Case	0	-111.2	-	37.33	0	0.00%	0.00%	0.00%	
460	253002 09AIRWAY 138 253026 09GREENE 138 1	253002	09AIRWAY	253026	09GREENE	1	138	209	DAY	191	234	Base Case	0	-71.2	-	37.3	0	0.02%	0.02%	0.02%	
461	235102 01BELMNT 500 242920 05BELMON 765 5	235102	01BELMNT	242920	05BELMON	5	500/765	201/205	AP/AEP	1986	2385	Base Case	0	-740.6	-	37.29	0	-5.39%	-5.39%	-1.25%	
462	238678 02EAKRON 138 239178 02WRAVNA 138 1	238678	02EAKRON	239178	02WRAVNA	1	138	202	ATSI	200	242	Base Case	0	-74.6	-	37.29	0	0.07%	0.07%	-0.02%	
463	249566 08FOSTER 345 253006 09BATH 345 1	249566	08FOSTER	253006	09BATH	1	345	212/209	DEO&K/DAY	1263	1455	Base Case	0	470.6	-	37.26	0	-0.50%	-0.50%	0.02%	
464	250121 08UNION 138 250161 08T758 138 1	250121	08UNION	250161	08T758	1	138	212	DEO&K	298	298	Base Case	0	-111	-	37.25	0	0.00%	0.00%	0.00%	
465	249565 08EBEND 345 249575 08TERMNL 345 1	249565	08EBEND	249575	08TERMNL	1	345	212	DEO&K	1290	1457	Base Case	0	477.9	-	37.05	0	-0.28%	-0.28%	-0.24%	
466	235299 01BELMNT 138 243557 05RENO Z 138 1	235299	01BELMNT	243557	05RENO Z	1	138	201/205	AP/AEP	282	282	Base Case	0	104.4	-	37.03	0	0.27%	0.27%	0.20%	
467	238642 02CRSLND 138 238669 02DUFERC 138 1	238642	02CRSLND	238669	02DUFERC	1	138	202	ATSI	96	96	Base Case	0	35.5	-	37.01	0	0.00%	0.00%	0.00%	
468	243214 05COLNGW 345 247105 05VARNER 345 1	243214	05COLNGW	247105	05VARNER	1	345	205	AEP	1409	1829	Base Case	0	521.3	-	37	0	-0.13%	-0.13%	0.00%	
469	238751 02SMUCKER 2 138 238832 02JACKMA 138 1	238751	02SMUCKER 2	238832	02JACKMA	1	138	202	ATSI	241	292	Base Case	0	89.1	-	36.98	0	0.07%	0.07%	-0.01%	
470	250048 08KLEMN1 138 250060 08MDWAY1 138 1	250048	08KLEMN1	250060	08MDWAY1	1	138	212	DEO&K	275	275	Base Case	0	-101.7	-	36.98	0	-0.03%	-0.03%	0.01%	
471	243456 05CORRID 345 243491 05CORRID 138 2	243456	05CORRID	243491	05CORRID	2	345/138	205	AEP	696	747	Base Case	0	257.3	-	36.97	0	0.08%	0.08%	0.01%	
472	243018 05HEATH 138 243150 05WMILLP 138 1	243018	05HEATH	243150	05WMILLP	1	138	205	AEP	205	205	Base Case	0	-75.7	-	36.94	0	-0.05%	-0.05%	0.06%	
473	242560 05BONSCK 138 242840 05VINTON 138 1	242560	05BONSCK	242840	05VINTON	1	138	205	AEP	205	252	Base Case	0	75.7	-	36.92	0	0.07%	0.07%	-0.12%	
474	238781 02HANNA 345 238782 02HANNA 138 1	238781	02HANNA	238782	02HANNA	1	345/138	202	ATSI	599	684	Base Case	0	221.1	-	36.91	0	0.06%	0.06%	0.00%	
475	243007 05FRAZEY 138 243070 05OHIOCT 138 1	243007	05FRAZEY	243070	05OHIOCT	1	138	205	AEP	287	337	Base Case	0	-105.7	-	36.83	0	0.09%	0.09%	-0.03%	
476	243513 05GENOA 138 243590 05WESTAR 138 1	243513	05GENOA	243590	05WESTAR	1	138	205	AEP	223	274	Base Case	0	-82.1	-	36.82	0	0.01%	0.01%	0.00%	
477	242932 05CANTNC 345 242980 05CANTNC 138 1	242932	05CANTNC	242980	05CANTNC	1	345/138	205	AEP	500	563	Base Case	0	184.1	-	36.82	0	0.05%	0.05%	0.01%	
478	243235 0523RD 138 246625 05MEDFORD_BP 138 1	243235	0523RD	246625	05MEDFORD_BP	1	138	205	AEP	187	240	Base Case	0	-68.8	-	36.78	0	0.01%	0.01%	0.00%	
479	246887 05RAMEY 138 246919 05CHADWICK2 138 1	246887	05RAMEY	246919	05CHADWICK2	1	138	205	AEP	409	527	Base Case	0	-150.4	-	36.77	0	0.01%	0.01%	0.08%	
480	243377 05SORENS 138 244183 05LAFAY C SS 138 1	243377	05SORENS	244183	05LAFAY C SS	1	138	205	AEP	251	335	Base Case	0	92.2	-	36.73	0	-0.02%	-0.02%	0.01%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
481	238665 02DS Q-1 138 238671 02DW Q-1 138 1	238665	02DS Q-1	238671	02DW Q-1	1	138	202	ATSI	273	332	Base Case	0	-100.2	-	36.72	0	-0.25%	-0.25%	-0.03%	
482	238643 02CW Q-1 138 238671 02DW Q-1 138 1	238643	02CW Q-1	238671	02DW Q-1	1	138	202	ATSI	273	332	Base Case	0	100.2	-	36.72	0	-0.25%	-0.25%	-0.03%	
483	250053 08LAFARG 138 250097 08SGROVE 138 1	250053	08LAFARG	250097	08SGROVE	1	138	212	DEO&K	298	298	Base Case	0	-109.4	-	36.71	0	-0.01%	-0.01%	0.00%	
484	238821 02INLAND 345 238823 02INQ-14 138 4	238821	02INLAND	238823	02INQ-14	4	345/138	202	ATSI	620	739	Base Case	0	227.5	-	36.69	0	0.01%	0.01%	0.03%	
485	239303 02NILES 345 239008 02NILES 138 1	239303	02NILES	239008	02NILES	1	345/138	202	ATSI	581	693	Base Case	0	213.2	-	36.69	0	-0.04%	-0.04%	-0.05%	
486	242922 05FLTLCK 765 242928 05MARYSV 765 1	242922	05FLTLCK	242928	05MARYSV	1	765	205	AEP	4047	4142	Base Case	0	1483.1	-	36.65	0	1.46%	1.46%	3.73%	
487	249981 08AKSTEEL2 138 250010 08D.CRK2 138 1	249981	08AKSTEEL2	250010	08D.CRK2	1	138	212	DEO&K	299	299	Base Case	0	-109.5	-	36.63	0	-0.01%	-0.01%	-0.01%	
488	243017 05HAVILAND1 138 246352 05HAVILAND2 138 Z1	243017	05HAVILAND1	246352	05HAVILAND2	Z1	138	205	AEP	187	240	Base Case	0	-68.5	-	36.63	0	-0.18%	-0.18%	-0.06%	
489	243217 05DEQUIN 345 247712 05SULLIVAN 345 1	243217	05DEQUIN	247712	05SULLIVAN	1	345	205	AEP	971	1318	Base Case	0	-355.3	-	36.59	0	0.11%	0.11%	0.34%	
490	249981 08AKSTEEL2 138 250105 08TDHNTR 138 1	249981	08AKSTEEL2	250105	08TDHNTR	1	138	212	DEO&K	273	287	Base Case	0	-99.9	-	36.58	0	0.01%	0.01%	0.01%	
491	239133 02TANGY 345 242939 05MARYSV 345 1	239133	02TANGY	242939	05MARYSV	1	345	202/205	ATSI/AEP	897	1301	Base Case	0	-327.4	-	36.5	0	-0.36%	-0.36%	-0.16%	
492	250136 08HILCRT 138 250141 08SCEAST 138 1	250136	08HILCRT	250141	08SCEAST	1	138	212	DEO&K	301	301	Base Case	0	109.8	-	36.48	0	0.00%	0.00%	-0.01%	
493	239060 02RDGVL 138 239127 02STRYKE 138 1	239060	02RDGVL	239127	02STRYKE	1	138	202	ATSI	153	181	Base Case	0	55.8	-	36.45	0	-0.13%	-0.13%	0.00%	
494	243218 05DESOTO 345 243278 05DESOTO 138 2	243218	05DESOTO	243278	05DESOTO	2	345/138	205	AEP	584	692	Base Case	0	212.8	-	36.43	0	-0.01%	-0.01%	0.00%	
495	243070 05OHIOCT 138 243075 05POWELS 138 1	243070	05OHIOCT	243075	05POWELS	1	138	205	AEP	205	284	Base Case	0	74.7	-	36.43	0	-0.06%	-0.06%	-0.06%	
496	243207 05GRNTWN 765 244658 05GRNTWN 138 1	243207	05GRNTWN	244658	05GRNTWN	1	765/138	205	AEP	750	750	Base Case	0	273.1	-	36.41	0	-0.06%	-0.06%	-0.06%	
497	242756 05POAGES 138 242815 05STARKE 138 1	242756	05POAGES	242815	05STARKE	1	138	205	AEP	167	240	Base Case	0	60.7	-	36.33	0	-0.03%	-0.03%	-0.18%	
498	253006 09BATH 345 253005 09BATH 138 2	253006	09BATH	253005	09BATH	2	345/138	209	DAY	450	495	Base Case	0	163.5	-	36.33	0	-0.04%	-0.04%	0.02%	
499	253006 09BATH 345 253005 09BATH 138 1	253006	09BATH	253005	09BATH	1	345/138	209	DAY	450	495	Base Case	0	163.5	-	36.33	0	-0.04%	-0.04%	0.02%	
500	243508 05ITALNV 138 243575 05ST.CLR 138 1	243508	05ITALNV	243575	05ST.CLR	1	138	205	AEP	248	313	Base Case	0	-90.1	-	36.32	0	0.09%	0.09%	0.03%	
501	243353 05OLIVE 138 246075 05EDISON1 138 1	243353	05OLIVE	246075	05EDISON1	1	138	205	AEP	251	251	Base Case	0	91.1	-	36.28	0	-0.08%	-0.08%	-0.05%	
502	243031 05LYNN Z 138 243155 05W.NEWTONSS 138 1	243031	05LYNN Z	243155	05W.NEWTONSS	1	138	205	AEP	158	183	Base Case	0	-57.3	-	36.27	0	-0.10%	-0.10%	-0.03%	
503	243105 05SMILLB 138 247253 05BUCKSS 138 1	243105	05SMILLB	247253	05BUCKSS	1	138	205	AEP	185	257	Base Case	0	-67.1	-	36.27	0	-0.26%	-0.26%	0.04%	
504	238745 02GALION 345 238746 02GALION 138 3	238745	02GALION	238746	02GALION	3	345/138	202	ATSI	458	478	Base Case	0	165.7	-	36.19	0	-0.21%	-0.21%	-0.05%	
505	243526 05HYATT 138 243566 05SAWMIL 138 2	243526	05HYATT	243566	05SAWMIL	2	138	205	AEP	388	526	Base Case	0	140.2	-	36.14	0	0.03%	0.03%	0.00%	
506	242700 05LEBANO 138 246766 05ELKGAZ 138 1	242700	05LEBANO	246766	05ELKGAZ	1	138	205	AEP	446	446	Base Case	0	161	-	36.11	0	-0.34%	-0.34%	-0.33%	
507	242698 05LAKIN 138 243013 05GAVIN1 138 1	242698	05LAKIN	243013	05GAVIN1	1	138	205	AEP	185	185	Base Case	0	66.8	-	36.08	0	0.06%	0.06%	-0.02%	
508	238781 02HANNA 345 238782 02HANNA 138 2	238781	02HANNA	238782	02HANNA	2	345/138	202	ATSI	616	696	Base Case	0	222.2	-	36.07	0	0.06%	0.06%	0.00%	
509	247002 05WAYMSS 138 247128 05ASTNSS 138 1	247002	05WAYMSS	247128	05ASTNSS	1	138	205	AEP	205	255	Base Case	0	-73.9	-	36.05	0	-0.12%	-0.12%	0.05%	
510	243454 05BIXBY 345 243473 05BIXBY 138 1	243454	05BIXBY	243473	05BIXBY	1	345/138	205	AEP	789	879	Base Case	0	284.4	-	36.05	0	0.01%	0.01%	0.01%	
511	238782 02HANNA 138 239178 02WRAVNA 138 1	238782	02HANNA	239178	02WRAVNA	1	138	202	ATSI	295	369	Base Case	0	106.3	-	36.04	0	0.05%	0.05%	-0.01%	
512	242528 05SPORN 345 242808 05SPORNS 138 3	242528	05SPORN	242808	05SPORNS	3	345/138	205	AEP	475	544	Base Case	0	171.1	-	36.03	0	0.07%	0.07%	0.00%	
513	250105 08TDHNTR 138 250138 08NICKEL 138 1	250105	08TDHNTR	250138	08NICKEL	1	138	212	DEO&K	300	300	Base Case	0	108	-	36.01	0	-0.10%	-0.10%	-0.10%	
514	242605 05CLNCHR 138 246894 05VACITY 138 1	242605	05CLNCHR	246894	05VACITY	1	138	205	AEP	670	675	Base Case	0	-240.9	-	35.95	0	-0.15%	-0.15%	-0.15%	
515	242605 05CLNCHR 138 246894 05VACITY 138 2	242605	05CLNCHR	246894	05VACITY	2	138	205	AEP	670	675	Base Case	0	-240.9	-	35.95	0	-0.15%	-0.15%	-0.15%	
516	243473 05BIXBY 138 243518 05GROVES 138 2	243473	05BIXBY	243518	05GROVES	2	138	205	AEP	335	392	Base Case	0	120.4	-	35.93	0	0.01%	0.01%	0.01%	
517	243070 05OHIOCT 138 243160 05WTRNWY 138 1	243070	05OHIOCT	243160	05WTRNWY	1	138	205	AEP	205	255	Base Case	0	73.6	-	35.91	0	0.05%	0.05%	0.05%	
518	242999 05EPROCT 138 243064 05NPROCT 138 1	242999	05EPROCT	243064	05NPROCT	1	138	205	AEP	296	296	Base Case	0	-106.1	-	35.86	0	-0.02%	-0.02%	-0.06%	
519	242966 05BROADA 138 242994 05EAMSTD 138 1	242966	05BROADA	242994	05EAMSTD	1	138	205	AEP	336	393	Base Case	0	120.3	-	35.81	0	0.08%	0.08%	0.01%	
520	238678 02EAKRON 138 238864 02KNOX 138 1	238678	02EAKRON	238864	02KNOX	1	138	202	ATSI	185	189	Base Case	0	-66.2	-	35.78	0	0.03%	0.03%	0.05%	
521	249567 08M.FORT 345 249575 08TERMNL 345 1	249567	08M.FORT	249575	08TERMNL	1	345	212	DEO&K	1509	1509	Base Case	0	539.6	-	35.76	0	-0.32%	-0.32%	-0.28%	
522	242732 05NBRSTL 138 360490 4NBRISTOL VA 138 Z1	242732	05NBRSTL	360490	4NBRISTOL VA	Z1	138	205/347	AEP/TVA	242	248	Base Case	0	86.5	-	35.73	0	-0.05%	-0.05%	-0.15%	
523	238821 02INLAND 345 238822 02INQ-11 138 3	238821	02INLAND	238822	02INQ-11	3	345/138	202	ATSI	548	604	Base Case	0	195.6	-	35.69	0	-0.01%	-0.01%	0.02%	
524	242954 05APPLEC 138 243092 05SCANTO 138 1	242954	05APPLEC	243092	05SCANTO	1	138	205	AEP	205	205	Base Case	0	-73.2	-	35.69	0	0.12%	0.12%	-0.01%	
525	242508 05AMOS 765 242538 05AMOS_6_XFL 138 6	242508	05AMOS	242538	05AMOS_6_XFL	6	765/138	205	AEP	990	1119	Base Case	0	353	-	35.66	0	-0.15%	-0.15%	-0.18%	
526	242824 05TAMSM1 138 247113 05PIERSS 138 1	242824	05TAMSM1	247113	05PIERSS	1	138	205	AEP	164	180	Base Case	0	-58.5	-	35.65	0	-0.07%	-0.07%	-0.01%	
527	253079 09SUGRCK 345 253078 09SUGRCK 138 2	253079	09SUGRCK	253078	09SUGRCK	2	345/138	209	DAY	448	493	Base Case	0	159.7	-	35.65	0	0.02%	0.02%	0.05%	
528	247435 05MUSKNG_ESZ 138 247501 05MUSK_E_XFL 138 ZE	247435	05MUSKNG_ESZ	247501	05MUSK_E_XFL	ZE	138	205	AEP	766	800	Base Case	0	-272.1	-	35.52	0	-0.50%	-0.50%	-0.01%	
529	250014 08DNLSN1 138 250173 08WDSPNT 138 1	250014	08DNLSN1	250173	08WDSPNT	1	138	212	DEO&K	266	266	Base Case	0	-94.5	-	35.52	0	0.05%	0.05%	0.08%	
530	238581 02BRBRTN 138 239123 02STAR 138 1	238581	02BRBRTN	239123	02STAR	1	138	202	ATSI	196	242	Base Case	0	-69.5	-	35.48	0	-0.04%	-0.04%	0.00%	
531	247434 05MUSKNG_DSZ 138 247500 05MUSK_D_XFL 138 ZD	247434	05MUSKNG_DSZ	247500	05MUSK_D_XFL	ZD	138	205	AEP	766	800	Base Case	0	-271.7	-	35.47	0	-0.50%	-0.50%	-0.01%	
532	243499 05DUBLIN 138 243566 05SAWMIL 138 1	243499	05DUBLIN	243566	05SAWMIL	1	138	205	AEP	184	184	Base Case	0	-65.3	-	35.46	0	0.04%	0.04%	0.00%	
533	243480 05BUCKEY 138 243511 05GAY 138 1	243480	05BUCKEY	243511	05GAY	1	138	205	AEP	170	209	Base Case	0	60.3	-	35.46	0	0.04%	0.04%	0.02%	
534	239092 02SAMMIS 345 239122 02STAR 345 1	239092	02SAMMIS	239122	02STAR	1	345	202	ATSI	1435	1742	Base Case	0	508.6	-	35.45	0	0.94%	0.94%	0.16%	
535	238832 02JACKMA 138 239149 02VULCAN 138 1	238832	02JACKMA	239149	02VULCAN	1	138	202	ATSI	216	264	Base Case	0	76.4	-	35.36	0	0.04%	0.04%	-0.01%	
536	242528 05SPORN 345 242807 05SPORN 138 B	242528	05SPORN	242807	05SPORN	B	345/138	205	AEP	501	564	Base Case	0	176.8	-	35.29	0	0.07%	0.07%	0.00%	
537	238731 02FOX 345 238735 02FOXQ14 138 4	238731	02FOX	238735	02FOXQ14	4	345/138	202	ATSI	248	288	Base Case	0	87.5	-	35.28	0	0.14%	0.14%	0.02%	
538	242932 05CANTNC 345 242980 05CANTNC 138 3	242932	05CANTNC	242980	05CANTNC	3	345/138	205	AEP	524	605	Base Case	0	184.8	-	35.27	0	0.05%	0.05%	0.01%	
539	242966 05BROADA 138 243127 05TIDD 1-2 138 1	242966	05BROADA	243127	05TIDD 1-2	1	138	205	AEP	358	409	Base Case	0	-126	-	35.21	0	0.08%	0.08%	0.01%	
540	242516 05MOUNTN 765 242920 05BELMON 765 1	242516	05MOUNTN	242920	05BELMON	1	765	205	AEP	4047	4571	Base Case	0	1423.4	-	35.17	0	-7.66%	-7.66%	1.84%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
541	243371 05S SIDE 138 243380 05STDBKR 138 1	243371	05S SIDE	243380	05STDBKR	1	138	205	AEP	251	335	Base Case	0	88.3	-	35.16	0	0.06%	0.06%	0.04%	
542	239043 02PINE 138 239160 02WADS 138 1	239043	02PINE	239160	02WADS	1	138	202	ATSI	233	282	Base Case	0	-81.9	-	35.15	0	-0.04%	-0.04%	0.04%	
543	246407 05CABIN CRK2 138 246423 05CABNC9_XFL 138 Z2	246407	05CABIN CRK2	246423	05CABNC9_XFL	Z2	138	205	AEP	113	136	Base Case	0	39.7	-	35.13	0	0.00%	0.00%	0.01%	
544	242566 05BROADF 138 242600 05CLAYPL 138 1	242566	05BROADF	242600	05CLAYPL	1	138	205	AEP	296	296	Base Case	0	103.9	-	35.09	0	0.06%	0.06%	0.19%	
545	249996 08CLRMT1 138 250100 08SMRSD1 138 1	249996	08CLRMT1	250100	08SMRSD1	1	138	212	DEO&K	302	302	Base Case	0	105.9	-	35.06	0	0.03%	0.03%	0.03%	
546	243293 05FISHER 138 246051 05DEER CRK2 138 1	243293	05FISHER	246051	05DEER CRK2	1	138	205	AEP	251	335	Base Case	0	88	-	35.06	0	-0.07%	-0.07%	-0.05%	
547	243519 05HALLRD 138 247896 05BOLTON 138 1	243519	05HALLRD	247896	05BOLTON	1	138	205	AEP	223	223	Base Case	0	-78.1	-	35.04	0	-0.07%	-0.07%	0.00%	
548	243319 05JAY 138 247837 05PERCH 138 1	243319	05JAY	247837	05PERCH	1	138	205	AEP	409	409	Base Case	0	-143.2	-	35.01	0	-0.05%	-0.05%	0.03%	
549	238580 02BRADY 138 238652 02DARROW 138 1	238580	02BRADY	238652	02DARROW	1	138	202	ATSI	200	242	Base Case	0	70	-	35.01	0	0.03%	0.03%	0.02%	
550	238833 02JACKSN 138 238942 02MAPLE 138 1	238833	02JACKSN	238942	02MAPLE	1	138	202	ATSI	278	339	Base Case	0	97.3	-	35	0	0.64%	0.64%	0.12%	
551	238598 02CADQ18 138 238742 02FWLSQ4 138 1	238598	02CADQ18	238742	02FWLSQ4	1	138	202	ATSI	148	151	Base Case	0	-51.8	-	34.99	0	-0.01%	-0.01%	0.00%	
552	253050 09MONUM2 138 253063 09OVERL2 138 1	253050	09MONUM2	253063	09OVERL2	1	138	209	DAY	221	272	Base Case	0	-77.3	-	34.97	0	0.00%	0.00%	0.01%	
553	243220 05E.ELKHART 345 243287 05E.ELKHART 138 2	243220	05E.ELKHART	243287	05E.ELKHART	2	345/138	205	AEP	495	544	Base Case	0	173.1	-	34.97	0	0.08%	0.08%	0.05%	
554	238541 02AS Q-1 138 238645 02CW TP1 138 1	238541	02AS Q-1	238645	02CW TP1	1	138	202	ATSI	265	316	Base Case	0	-92.5	-	34.92	0	-0.26%	-0.26%	-0.03%	
555	238648 02CY Q-2 138 238740 02FWLSQ2 138 1	238648	02CY Q-2	238740	02FWLSQ2	1	138	202	ATSI	176	229	Base Case	0	61.4	-	34.91	0	-0.28%	-0.28%	-0.03%	
556	243092 05SCANTO 138 243132 05TORREY1 138 1	243092	05SCANTO	243132	05TORREY1	1	138	205	AEP	366	416	Base Case	0	127.7	-	34.89	0	-0.05%	-0.05%	0.09%	
557	242684 05J.FERR 138 242685 05J.FERX 138 ZB	242684	05J.FERR	242685	05J.FERX	ZB	138	205	AEP	358	421	Base Case	0	124.7	-	34.84	0	-0.10%	-0.10%	-0.16%	
558	242605 05CLNCHR 138 324316 4VIRGINIA CI 138 1	242605	05CLNCHR	324316	4VIRGINIA CI	1	138	205/363	AEP/LGEE	187	237	Base Case	0	65.1	-	34.82	0	0.04%	0.04%	0.05%	
559	238573 02BELEVU 138 239236 02TOLHOS 138 1	238573	02BELEVU	239236	02TOLHOS	1	138	202	ATSI	216	264	Base Case	0	-75.2	-	34.8	0	0.04%	0.04%	-0.01%	
560	243469 05BEATTY 138 243593 05ZUBER 138 1	243469	05BEATTY	243593	05ZUBER	1	138	205	AEP	150	212	Base Case	0	52.2	-	34.8	0	-0.05%	-0.05%	-0.13%	
561	242956 05BALLHL 138 242977 05CALDWE 138 1	242956	05BALLHL	242977	05CALDWE	1	138	205	AEP	205	284	Base Case	0	-71.3	-	34.8	0	-0.18%	-0.18%	0.05%	
562	250032 08FRFLD1 138 250070 08MRGAN1 138 1	250032	08FRFLD1	250070	08MRGAN1	1	138	212	DEO&K	194	194	Base Case	0	-67.3	-	34.68	0	-0.03%	-0.03%	0.01%	
563	238642 02CRSLND 138 239107 02SHNAGO 138 2	238642	02CRSLND	239107	02SHNAGO	2	138	202	ATSI	215	215	Base Case	0	-74.6	-	34.68	0	0.03%	0.03%	-0.02%	
564	249985 08BECKET 138 250105 08TDHNTR 138 1	249985	08BECKET	250105	08TDHNTR	1	138	212	DEO&K	299	299	Base Case	0	-103.4	-	34.6	0	-0.02%	-0.02%	-0.06%	
565	242989 05E LIMA 138 245516 05ROCKHILL2 138 1	242989	05E LIMA	245516	05ROCKHILL2	1	138	205	AEP	150	204	Base Case	0	51.9	-	34.58	0	0.01%	0.01%	-0.04%	
566	239106 02SHNAGO 345 239107 02SHNAGO 138 1	239106	02SHNAGO	239107	02SHNAGO	1	345/138	202	ATSI	548	688	Base Case	0	189.4	-	34.55	0	-0.32%	-0.32%	-0.04%	
567	243007 05FRAZEY 138 243079 05REFORM 138 1	243007	05FRAZEY	243079	05REFORM	1	138	205	AEP	287	337	Base Case	0	99.2	-	34.55	0	0.09%	0.09%	-0.03%	
568	250020 08ESTWD1 138 250141 08SCEAST 138 1	250020	08ESTWD1	250141	08SCEAST	1	138	212	DEO&K	301	301	Base Case	0	-103.9	-	34.53	0	0.00%	0.00%	-0.01%	
569	243024 05HOWARD 138 243039 05MELMOR 138 1	243024	05HOWARD	243039	05MELMOR	1	138	205	AEP	136	167	Base Case	0	-46.9	-	34.5	0	-0.12%	-0.12%	-0.09%	
570	243287 05E.ELKHART 138 243290 05ELCONZ 138 1	243287	05E.ELKHART	243290	05ELCONZ	1	138	205	AEP	251	251	Base Case	0	86.4	-	34.42	0	-0.02%	-0.02%	-0.01%	
571	239122 02STAR 345 239123 02STAR 138 1	239122	02STAR	239123	02STAR	1	345/138	202	ATSI	458	552	Base Case	0	157.5	-	34.4	0	0.00%	0.00%	-0.02%	
572	239237 02CLVR-S 138 242980 05CANTNC 138 1	239237	02CLVR-S	242980	05CANTNC	1	138	202/205	ATSI/AEP	161	194	Base Case	0	-55.3	-	34.38	0	0.22%	0.22%	0.00%	
573	243097 05SECANT 138 243120 05SUNNYSIDE1 138 1	243097	05SECANT	243120	05SUNNYSIDE1	1	138	205	AEP	296	392	Base Case	0	101.7	-	34.36	0	0.04%	0.04%	0.00%	
574	242814 05ST.ALB 138 246382 05TURNER_BP 138 1	242814	05ST.ALB	246382	05TURNER_BP	1	138	205	AEP	271	361	Base Case	0	-93.1	-	34.34	0	-0.01%	-0.01%	-0.19%	
575	243549 05MULBRY 138 243562 05ROSS 138 1	243549	05MULBRY	243562	05ROSS	1	138	205	AEP	223	310	Base Case	0	76.5	-	34.32	0	-0.08%	-0.08%	0.07%	
576	238695 02ELW+ 138 238706 02EU TAP 138 1	238695	02ELW+	238706	02EU TAP	1	138	202	ATSI	160	192	Base Case	0	-54.9	-	34.3	0	0.00%	0.00%	0.00%	
577	238753 02GFQ-11 138 238792 02HDGQ11 138 1	238753	02GFQ-11	238792	02HDGQ11	1	138	202	ATSI	399	488	Base Case	0	-136.8	-	34.3	0	0.01%	0.01%	0.02%	
578	239106 02SHNAGO 345 239107 02SHNAGO 138 2	239106	02SHNAGO	239107	02SHNAGO	2	345/138	202	ATSI	548	659	Base Case	0	187.8	-	34.27	0	-0.32%	-0.32%	-0.04%	
579	239093 02SAMMIS 138 239372 02HAGAN 138 1	239093	02SAMMIS	239372	02HAGAN	1	138	202	ATSI	185	189	Base Case	0	63.4	-	34.26	0	0.13%	0.13%	0.00%	
580	238961 02MIDWAY 345 238962 02MIDWAY 138 3	238961	02MIDWAY	238962	02MIDWAY	3	345/138	202	ATSI	417	504	Base Case	0	142.7	-	34.22	0	0.03%	0.03%	0.01%	
581	238956 02MFLDQ1 138 239045 02PN Q-1 138 1	238956	02MFLDQ1	239045	02PN Q-1	1	138	202	ATSI	115	115	Base Case	0	-39.3	-	34.22	0	0.13%	0.13%	-0.04%	
582	253079 09SUGRCK 345 253078 09SUGRCK 138 1	253079	09SUGRCK	253078	09SUGRCK	1	345/138	209	DAY	450	498	Base Case	0	153.9	-	34.2	0	0.02%	0.02%	0.05%	
583	242544 05AXTON 138 242816 05STOCKT 138 1	242544	05AXTON	242816	05STOCKT	1	138	205	AEP	283	396	Base Case	0	96.7	-	34.19	0	-0.03%	-0.03%	0.25%	
584	243317 05IRELAN 138 243318 05JACKSON RD 138 1	243317	05IRELAN	243318	05JACKSON RD	1	138	205	AEP	219	251	Base Case	0	-74.9	-	34.19	0	-0.05%	-0.05%	-0.03%	
585	249980 08AGSTNE 138 250133 08WLDER2 138 1	249980	08AGSTNE	250133	08WLDER2	1	138	212	DEO&K	291	291	Base Case	0	-99.5	-	34.18	0	0.04%	0.04%	0.04%	
586	242748 05PENHOK 138 243951 05REDWOOD 138 1	242748	05PENHOK	243951	05REDWOOD	1	138	205	AEP	296	392	Base Case	0	101.2	-	34.18	0	0.00%	0.00%	0.39%	
587	242858 05WYTHE1 138 242859 05WYTHE2 138 Z1	242858	05WYTHE1	242859	05WYTHE2	Z1	138	205	AEP	285	337	Base Case	0	-97.3	-	34.13	0	-0.11%	-0.11%	-0.06%	
588	246927 05SAND H 138 246945 05BIGR1Z 138 1	246927	05SAND H	246945	05BIGR1Z	1	138	205	AEP	205	205	Base Case	0	-69.8	-	34.04	0	-0.18%	-0.18%	0.05%	
589	250012 08DERPK2 138 250114 08TP7481 138 1	250012	08DERPK2	250114	08TP7481	1	138	212	DEO&K	266	266	Base Case	0	-90.5	-	34.03	0	0.00%	0.00%	0.00%	
590	243070 05OHIOCT 138 243094 05SCOSHC 138 1	243070	05OHIOCT	243094	05SCOSHC	1	138	205	AEP	185	240	Base Case	0	62.9	-	34.01	0	-0.34%	-0.34%	0.01%	
591	243498 05DLAWAR2 138 253021 09DARBY 138 1	243498	05DLAWAR2	253021	09DARBY	1	138	205/209	AEP/DAY	196	220	Base Case	0	66.6	-	34	0	0.12%	0.12%	0.04%	
592	249574 08TDHNTR 345 249576 08WODSDL 345 1	249574	08TDHNTR	249576	08WODSDL	1	345	212	DEO&K	1509	1509	Base Case	0	-513	-	33.99	0	-0.33%	-0.33%	-0.27%	
593	249574 08TDHNTR 345 249576 08WODSDL 345 2	249574	08TDHNTR	249576	08WODSDL	2	345	212	DEO&K	1509	1509	Base Case	0	-513	-	33.99	0	-0.33%	-0.33%	-0.27%	
594	239370 02DOWLING 345 239371 02DOWLING 138 1	239370	02DOWLING	239371	02DOWLING	1	345/138	202	ATSI	386	436	Base Case	0	131.1	-	33.96	0	0.01%	0.01%	0.02%	
595	243160 05WTRNWY 138 246941 05MILL2Z 138 1	243160	05WTRNWY	246941	05MILL2Z	1	138	205	AEP	205	205	Base Case	0	69.6	-	33.95	0	0.05%	0.05%	0.05%	
596	242768 05RIDGWX 138 242769 05RIDGWY 138 SR	242768	05RIDGWX	242769	05RIDGWY	SR	138	205	AEP	121	121	Base Case	0	-41.1	-	33.93	0	0.00%	0.00%	0.32%	
597	242944 05SECANT 345 243097 05SECANT 138 1	242944	05SECANT	243097	05SECANT	1	345/138	205	AEP	696	747	Base Case	0	236.1	-	33.93	0	0.13%	0.13%	0.00%	
598	238563 02BAY SH 345 241901 02LALLENDORF 345 2	238563	02BAY SH	241901	02LALLENDORF	2	345	202	ATSI	1439	1774	Base Case	0	-487.8	-	33.9	0	-0.80%	-0.80%	-0.07%	
599	242985 05CNTYLN 138 246927 05SAND H 138 1	242985	05CNTYLN	246927	05SAND H	1	138	205	AEP	219	255	Base Case	0	74.2	-	33.9	0	0.01%	0.01%	0.09%	
600	242767 05RIDGWA 138 242768 05RIDGWX 138 SR	242767	05RIDGWA	242768	05RIDGWX	SR	138	205	AEP	121	121	Base Case	0	-41	-	33.89	0	0.00%	0.00%	0.32%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
601	239726 02LAKEAVE 138 239728 02BLKRVR 138 1	239726	02LAKEAVE	239728	02BLKRVR	1	138	202	ATSI	328	396	Base Case	0	111.1	-	33.87	0	-0.17%	-0.17%	-0.02%	
602	242524 05CLOVRD 345 242607 05CLOVRD 138 1B	242524	05CLOVRD	242607	05CLOVRD	1B	345/138	205	AEP	410	527	Base Case	0	138.8	-	33.86	0	0.14%	0.14%	-0.27%	
603	238879 02LB Q13 138 238935 02LYQ-13 138 1	238879	02LB Q13	238935	02LYQ-13	1	138	202	ATSI	148	151	Base Case	0	50.1	-	33.86	0	0.01%	0.01%	0.00%	
604	243531 05KIMBRY 138 244198 05LEMASTER 138 1	243531	05KIMBRY	244198	05LEMASTER	1	138	205	AEP	223	223	Base Case	0	-75.5	-	33.84	0	-0.03%	-0.03%	0.09%	
605	242954 05APPLEC 138 242978 05CANALR 138 1	242954	05APPLEC	242978	05CANALR	1	138	205	AEP	205	205	Base Case	0	69.3	-	33.83	0	0.12%	0.12%	-0.01%	
606	243102 05SINK SP8SS 138 245948 05MILLBR PK2 138 1	243102	05SINK SP8SS	245948	05MILLBR PK2	1	138	205	AEP	185	185	Base Case	0	-62.5	-	33.8	0	0.22%	0.22%	0.25%	
607	250053 08LAFARG 138 250140 08DAYTON 138 1	250053	08LAFARG	250140	08DAYTON	1	138	212	DEO&K	298	298	Base Case	0	100.6	-	33.76	0	-0.01%	-0.01%	0.00%	
608	242571 05BUCKHO 138 242827 05TAZEWE 138 1	242571	05BUCKHO	242827	05TAZEWE	1	138	205	AEP	251	251	Base Case	0	-84.7	-	33.75	0	-0.13%	-0.13%	-0.26%	
609	238578 02BORDMN 138 239107 02SHNAGO 138 1	238578	02BORDMN	239107	02SHNAGO	1	138	202	ATSI	130	168	Base Case	0	-43.9	-	33.75	0	0.08%	0.08%	-0.04%	
610	242950 05ACADEM 138 246941 05MILL2Z 138 1	242950	05ACADEM	246941	05MILL2Z	1	138	205	AEP	205	205	Base Case	0	-69.2	-	33.73	0	0.05%	0.05%	0.05%	
611	243557 05RENO Z 138 247809 05LEVEE 138 1	243557	05RENO Z	247809	05LEVEE	1	138	205	AEP	282	282	Base Case	0	95.1	-	33.72	0	0.27%	0.27%	0.20%	
612	242565 05BRADL2 138 242695 05KINCAI 138 1	242565	05BRADL2	242695	05KINCAI	1	138	205	AEP	205	255	Base Case	0	-69.1	-	33.7	0	-0.08%	-0.08%	-0.24%	
613	242732 05NBRSTL 138 242851 05WOLFH2 138 1	242732	05NBRSTL	242851	05WOLFH2	1	138	205	AEP	251	330	Base Case	0	-84.6	-	33.7	0	-0.05%	-0.05%	-0.19%	
614	243459 05KIRK 345 243532 05KIRK 138 5	243459	05KIRK	243532	05KIRK	5	345/138	205	AEP	675	675	Base Case	0	227.5	-	33.7	0	-0.09%	-0.09%	0.04%	
615	238547 02AT 345 239082 02S8-ATT 345 1	238547	02AT	239082	02S8-ATT	1	345	202	ATSI	733	828	Base Case	0	246.8	-	33.67	0	0.65%	0.65%	-0.12%	
616	238879 02LB Q13 138 238950 02MBQ-13 138 1	238879	02LB Q13	238950	02MBQ-13	1	138	202	ATSI	324	395	Base Case	0	-109	-	33.64	0	0.01%	0.01%	0.00%	
617	242929 05NPROCT 765 243064 05NPROCT 138 2	242929	05NPROCT	243064	05NPROCT	2	765/138	205	AEP	917	996	Base Case	0	308.2	-	33.61	0	0.07%	0.07%	0.08%	
618	250055 08LTERL7 138 250093 08REDBK2 138 1	250055	08LTERL7	250093	08REDBK2	1	138	212	DEO&K	264	264	Base Case	0	-88.7	-	33.6	0	0.02%	0.02%	0.01%	
619	238913 02LRCRQ2 138 240352 02PM2Q11 138 1	238913	02LRCRQ2	240352	02PM2Q11	1	138	202	ATSI	273	332	Base Case	0	91.7	-	33.58	0	0.08%	0.08%	-0.02%	
620	243063 05N.NEWARK1 138 243098 05SHARPR 138 1	243063	05N.NEWARK1	243098	05SHARPR	1	138	205	AEP	158	183	Base Case	0	53	-	33.57	0	0.04%	0.04%	0.09%	
621	238634 02COMERC 138 239306 02REPUBLICSM 138 1	238634	02COMERC	239306	02REPUBLICSM	1	138	202	ATSI	152	185	Base Case	0	51	-	33.57	0	0.11%	0.11%	-0.08%	
622	239045 02PN Q-1 138 239112 02LRCRQ1 138 1	239045	02PN Q-1	239112	02LRCRQ1	1	138	202	ATSI	160	192	Base Case	0	-53.7	-	33.57	0	0.13%	0.13%	-0.04%	
623	238782 02HANNA 138 239101 02SHALER 138 1	238782	02HANNA	239101	02SHALER	1	138	202	ATSI	260	309	Base Case	0	87.1	-	33.51	0	0.02%	0.02%	0.01%	
624	243551 05OSU 138 246907 05W.CAMPUS 138 1	243551	05OSU	246907	05W.CAMPUS	1	138	205	AEP	323	397	Base Case	0	-108.2	-	33.51	0	-0.01%	-0.01%	-0.02%	
625	243220 05E.ELKHART 345 255105 17HIPLE 345 1	243220	05E.ELKHART	255105	17HIPLE	1	345	205/217	AEP/NIPS	1409	1409	Base Case	0	471.7	-	33.48	0	-0.56%	-0.56%	-0.47%	
626	242644 05FREMO1 138 242645 05FREMO2 138 Z1	242644	05FREMO1	242645	05FREMO2	Z1	138	205	AEP	335	392	Base Case	0	112.1	-	33.46	0	0.02%	0.02%	0.18%	
627	242927 05MARQUI 765 242938 05MARQUI 345 1	242927	05MARQUI	242938	05MARQUI	1	765/345	205	AEP	2742	3097	Base Case	0	917.4	-	33.46	0	0.80%	0.80%	2.40%	
628	238772 02GTQ-12 138 239222 02CHSTL 138 1	238772	02GTQ-12	239222	02CHSTL	1	138	202	ATSI	278	339	Base Case	0	93	-	33.45	0	0.00%	0.00%	0.00%	
629	239008 02NILES 138 239120 02SSPRNG 138 2	239008	02NILES	239120	02SSPRNG	2	138	202	ATSI	225	295	Base Case	0	75.2	-	33.42	0	-0.13%	-0.13%	-0.01%	
630	242937 05KAMMER 345 243026 05KAMMER13 138 32	242937	05KAMMER	243026	05KAMMER13	32	345/138	205	AEP	747	747	Base Case	0	249.5	-	33.4	0	-0.19%	-0.19%	0.30%	
631	238797 02HGHLND 138 238939 02MAHNGS 138 1	238797	02HGHLND	238939	02MAHNGS	1	138	202	ATSI	200	223	Base Case	0	66.8	-	33.39	0	-0.02%	-0.02%	0.00%	
632	239269 02RICHLJ 138 242993 05E.LEIPSIC2 138 1	239269	02RICHLJ	242993	05E.LEIPSIC2	1	138	202/205	ATSI/AEP	223	223	Base Case	0	74.4	-	33.37	0	-0.07%	-0.07%	-0.11%	
633	239289 02HAYES 345 239290 02HAYES 138 1	239289	02HAYES	239290	02HAYES	1	345/138	202	ATSI	393	493	Base Case	0	131.1	-	33.36	0	0.13%	0.13%	0.01%	
634	242774 05ROANO2 138 246981 05SUNSCA 138 1	242774	05ROANO2	246981	05SUNSCA	1	138	205	AEP	167	245	Base Case	0	55.6	-	33.31	0	0.05%	0.05%	0.36%	
635	244183 05LAFAY C SS 138 244489 05FOGWELL 138 1	244183	05LAFAY C SS	244489	05FOGWELL	1	138	205	AEP	251	335	Base Case	0	83.6	-	33.3	0	-0.02%	-0.02%	0.01%	
636	243059 05NFINDL 138 247172 05EBERSO 138 1	243059	05NFINDL	247172	05EBERSO	1	138	205	AEP	167	245	Base Case	0	-55.6	-	33.29	0	0.11%	0.11%	-0.07%	
637	242949 05WMILLP 345 243150 05WMILLP 138 1	242949	05WMILLP	243150	05WMILLP	1	345/138	205	AEP	495	558	Base Case	0	164.7	-	33.28	0	0.01%	0.01%	0.04%	
638	243064 05NPROCT 138 245664 05E.HUNTING1 138 1	243064	05NPROCT	245664	05E.HUNTING1	1	138	205	AEP	219	251	Base Case	0	72.8	-	33.25	0	-0.01%	-0.01%	-0.03%	
639	238941 02MANSFD 345 253902 15BVRVAL 345 2	238941	02MANSFD	253902	15BVRVAL	2	345	202/215	ATSI/DLCO	1486	1739	Base Case	0	-493.8	-	33.23	0	-0.17%	-0.17%	0.17%	
640	238841 02JNPRQ2 138 239002 02NFLDQ2 138 1	238841	02JNPRQ2	239002	02NFLDQ2	1	138	202	ATSI	273	332	Base Case	0	90.7	-	33.23	0	-0.15%	-0.15%	0.04%	
641	239018 02FULTON 345 238738 02FULTON 138 1	239018	02FULTON	238738	02FULTON	1	345/138	202	ATSI	346	392	Base Case	0	114.9	-	33.21	0	0.03%	0.03%	0.01%	
642	243078 05REEDUR 138 246471 05MILES AVE 138 1	243078	05REEDUR	246471	05MILES AVE	1	138	205	AEP	251	335	Base Case	0	83.3	-	33.18	0	-0.08%	-0.08%	0.05%	
643	243034 05MARQUI 138 243140 05WAKEFL 138 1	243034	05MARQUI	243140	05WAKEFL	1	138	205	AEP	219	223	Base Case	0	72.7	-	33.18	0	0.00%	0.00%	-0.07%	
644	242989 05E LIMA 138 246155 05FORD LIMA2 138 1	242989	05E LIMA	246155	05FORD LIMA2	1	138	205	AEP	167	240	Base Case	0	55.4	-	33.17	0	0.01%	0.01%	-0.03%	
645	250082 08P.UN1 138 250157 08CORNTP 138 1	250082	08P.UN1	250157	08CORNTP	1	138	212	DEO&K	198	198	Base Case	0	65.6	-	33.13	0	-0.02%	-0.02%	-0.03%	
646	242517 05WYOMIN 765 242857 05WYOMX2 138 2	242517	05WYOMIN	242857	05WYOMX2	2	765/138	205	AEP	792	855	Base Case	0	262.3	-	33.12	0	0.05%	0.05%	0.07%	
647	242517 05WYOMIN 765 242856 05WYOMX1 138 1	242517	05WYOMIN	242856	05WYOMX1	1	765/138	205	AEP	792	855	Base Case	0	262.3	-	33.12	0	0.05%	0.05%	0.07%	
648	243491 05CORRID 138 243510 05GAHANN 138 1	243491	05CORRID	243510	05GAHANN	1	138	205	AEP	335	392	Base Case	0	110.9	-	33.1	0	0.02%	0.02%	0.00%	
649	243132 05TORREY1 138 245697 05TORREY2 138 Z1	243132	05TORREY1	245697	05TORREY2	Z1	138	205	AEP	219	255	Base Case	0	72.4	-	33.05	0	-0.03%	-0.03%	0.08%	
650	253090 09WMILTN 345 253089 09WMILTN 138 1	253090	09WMILTN	253089	09WMILTN	1	345/138	209	DAY	450	495	Base Case	0	148.6	-	33.02	0	0.00%	0.00%	0.03%	
651	253090 09WMILTN 345 253089 09WMILTN 138 2	253090	09WMILTN	253089	09WMILTN	2	345/138	209	DAY	450	495	Base Case	0	148.6	-	33.02	0	0.00%	0.00%	0.03%	
652	242937 05KAMMER 345 246108 05KAMMER24 138 33	242937	05KAMMER	246108	05KAMMER24	33	345/138	205	AEP	747	747	Base Case	0	246.5	-	33	0	-0.19%	-0.19%	0.30%	
653	238915 02LRN Q2 138 238918 02SLTRQ2 138 1	238915	02LRN Q2	238918	02SLTRQ2	1	138	202	ATSI	265	316	Base Case	0	87.3	-	32.93	0	-0.28%	-0.28%	-0.03%	
654	250082 08P.UN1 138 250096 08SEWARD 138 1	250082	08P.UN1	250096	08SEWARD	1	138	212	DEO&K	291	291	Base Case	0	95.6	-	32.86	0	0.01%	0.01%	0.00%	
655	238782 02HANNA 138 239178 02WRAVNA 138 2	238782	02HANNA	239178	02WRAVNA	2	138	202	ATSI	324	395	Base Case	0	106.3	-	32.82	0	0.05%	0.05%	-0.01%	
656	238952 02MCD + 138 239008 02NILES 138 1	238952	02MCD +	239008	02NILES	1	138	202	ATSI	196	228	Base Case	0	-64.3	-	32.79	0	0.04%	0.04%	0.00%	
657	243456 05CORRID 345 246752 05VASSEL 345 1	243456	05CORRID	246752	05VASSEL	1	345	205	AEP	1245	1245	Base Case	0	-407.1	-	32.7	0	0.16%	0.16%	0.04%	
658	243315 05ILLINO 138 243316 05INDUST PK1 138 1	243315	05ILLINO	243316	05INDUST PK1	1	138	205	AEP	251	335	Base Case	0	82.1	-	32.7	0	-0.02%	-0.02%	0.03%	
659	242960 05BETHLM 138 242969 05BRUES2 138 1	242960	05BETHLM	242969	05BRUES2	1	138	205	AEP	329	361	Base Case	0	-107.5	-	32.67	0	0.01%	0.01%	0.09%	
660	242956 05BALLHL 138 244095 05SUMMRFD_BP 138 1	242956	05BALLHL	244095	05SUMMRFD_BP	1	138	205	AEP	205	284	Base Case	0	67	-	32.67	0	-0.18%	-0.18%	0.05%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
661	238914 02LRCRQ3 138 239039 02PGTP11 138 1	238914	02LRCRQ3	239039	02PGTP11	1	138	202	ATSI	148	151	Base Case	0	48.3	-	32.64	0	0.12%	0.12%	-0.03%	
662	238878 02LB Q12 138 240252 02LMQ-12 138 1	238878	02LB Q12	240252	02LMQ-12	1	138	202	ATSI	148	151	Base Case	0	48.3	-	32.63	0	0.01%	0.01%	0.00%	
663	242949 05WMILLP 345 243150 05WMILLP 138 2	242949	05WMILLP	243150	05WMILLP	2	345/138	205	AEP	500	540	Base Case	0	163.1	-	32.63	0	0.01%	0.01%	0.04%	
664	243105 05SMILLB 138 243151 05WMILLS 138 1	243105	05SMILLB	243151	05WMILLS	1	138	205	AEP	185	243	Base Case	0	60.3	-	32.62	0	-0.27%	-0.27%	0.04%	
665	249996 08CLRMT1 138 249997 08CLRMT2 138 Z1	249996	08CLRMT1	249997	08CLRMT2	Z1	138	212	DEO&K	394	394	Base Case	0	-128.4	-	32.6	0	0.03%	0.03%	0.03%	
666	238581 02BRBRTN 138 239123 02STAR 138 2	238581	02BRBRTN	239123	02STAR	2	138	202	ATSI	208	256	Base Case	0	-67.7	-	32.56	0	-0.04%	-0.04%	0.00%	
667	238636 02CPPW41 138 238660 02DIVISN 138 1	238636	02CPPW41	238660	02DIVISN	1	138	202	ATSI	170	193	Base Case	0	55.3	-	32.55	0	-0.22%	-0.22%	-0.01%	
668	243064 05NPROCT 138 243675 05BELLF1 138 1	243064	05NPROCT	243675	05BELLF1	1	138	205	AEP	136	167	Base Case	0	44.2	-	32.53	0	0.05%	0.05%	0.03%	
669	238563 02BAY SH 345 241901 02LALLENDORF 345 1	238563	02BAY SH	241901	02LALLENDORF	1	345	202	ATSI	1486	1824	Base Case	0	-483	-	32.5	0	-0.79%	-0.79%	-0.06%	
670	242528 05SPORN 345 242940 05MUSKNG 345 1	242528	05SPORN	242940	05MUSKNG	1	345	205	AEP	1188	1539	Base Case	0	386.1	-	32.5	0	-0.81%	-0.81%	1.11%	
671	244095 05SUMMRFD_BP 138 247757 05HERLAN SW 138 1	244095	05SUMMRFD_BP	247757	05HERLAN SW	1	138	205	AEP	205	284	Base Case	0	66.6	-	32.49	0	-0.18%	-0.18%	0.05%	
672	242843 05WLAKE 138 243951 05REDWOOD 138 1	242843	05WLAKE	243951	05REDWOOD	1	138	205	AEP	296	392	Base Case	0	-96.1	-	32.48	0	0.00%	0.00%	0.39%	
673	247130 05HOLLOW 345 247849 05HOLLOW_XFL 138 1	247130	05HOLLOW	247849	05HOLLOW_XFL	1	345/138	205	AEP	680	881	Base Case	0	220.7	-	32.46	0	0.04%	0.04%	-0.06%	
674	250029 08FOSTER 138 250119 08TWYMI1 138 1	250029	08FOSTER	250119	08TWYMI1	1	138	212	DEO&K	298	298	Base Case	0	96.7	-	32.45	0	0.05%	0.05%	0.03%	
675	243068 05NZANEV 138 243075 05POWELS 138 1	243068	05NZANEV	243075	05POWELS	1	138	205	AEP	205	284	Base Case	0	-66.5	-	32.42	0	-0.06%	-0.06%	-0.06%	
676	242528 05SPORN 345 242808 05SPORNS 138 4	242528	05SPORN	242808	05SPORNS	4	345/138	205	AEP	545	611	Base Case	0	176.3	-	32.35	0	0.07%	0.07%	0.00%	
677	243856 05JUG ST 1-6 138 246385 05JUGST 7-11 138 Z1	243856	05JUG ST 1-6	246385	05JUGST 7-11	Z1	138	205	AEP	548	601	Base Case	0	177.3	-	32.35	0	0.00%	0.00%	0.00%	
678	239237 02CLVR-S 138 239341 02LEGEND 138 1	239237	02CLVR-S	239341	02LEGEND	1	138	202	ATSI	200	242	Base Case	0	-64.6	-	32.3	0	0.25%	0.25%	0.04%	
679	243774 05ORMET 138 246108 05KAMMER24 138 1	243774	05ORMET	246108	05KAMMER24	1	138	205	AEP	296	398	Base Case	0	95.5	-	32.28	0	-0.06%	-0.06%	-0.06%	
680	243774 05ORMET 138 246108 05KAMMER24 138 4	243774	05ORMET	246108	05KAMMER24	4	138	205	AEP	296	296	Base Case	0	95.5	-	32.28	0	-0.06%	-0.06%	-0.06%	
681	243774 05ORMET 138 246108 05KAMMER24 138 3	243774	05ORMET	246108	05KAMMER24	3	138	205	AEP	296	296	Base Case	0	95.5	-	32.28	0	-0.06%	-0.06%	-0.06%	
682	243774 05ORMET 138 246108 05KAMMER24 138 2	243774	05ORMET	246108	05KAMMER24	2	138	205	AEP	296	398	Base Case	0	95.5	-	32.28	0	-0.06%	-0.06%	-0.06%	
683	238934 02LYQ-12 138 240252 02LMQ-12 138 1	238934	02LYQ-12	240252	02LMQ-12	1	138	202	ATSI	103	132	Base Case	0	-33.2	-	32.25	0	0.01%	0.01%	0.00%	
684	239726 02LAKEAVE 138 239728 02BLKRVR 138 2	239726	02LAKEAVE	239728	02BLKRVR	2	138	202	ATSI	312	380	Base Case	0	100.6	-	32.24	0	-0.15%	-0.15%	-0.02%	
685	238796 02HGHLND 345 238797 02HGHLND 138 3	238796	02HGHLND	238797	02HGHLND	3	345/138	202	ATSI	532	597	Base Case	0	171.5	-	32.23	0	-0.02%	-0.02%	-0.04%	
686	238794 02HDGQ13 138 238923 02LTEQ13 138 1	238794	02HDGQ13	238923	02LTEQ13	1	138	202	ATSI	425	522	Base Case	0	136.9	-	32.21	0	0.01%	0.01%	0.00%	
687	242564 05BRADL1 138 247333 05PAX BRANCH 138 1	242564	05BRADL1	247333	05PAX BRANCH	1	138	205	AEP	205	284	Base Case	0	-66	-	32.2	0	-0.09%	-0.09%	-0.24%	
688	238797 02HGHLND 138 239120 02SSPRNG 138 1	238797	02HGHLND	239120	02SSPRNG	1	138	202	ATSI	277	337	Base Case	0	89.1	-	32.17	0	-0.15%	-0.15%	-0.01%	
689	242762 05REEDCR 138 242798 05SHORT 138 1	242762	05REEDCR	242798	05SHORT	1	138	205	AEP	205	205	Base Case	0	65.9	-	32.15	0	-0.01%	-0.01%	-0.05%	
690	243031 05LYNN Z 138 243103 05SKENTO 138 1	243031	05LYNN Z	243103	05SKENTO	1	138	205	AEP	164	180	Base Case	0	52.7	-	32.15	0	-0.10%	-0.10%	-0.03%	
691	250027 08FLRNC1 138 250028 08FLRNC2 138 Z1	250027	08FLRNC1	250028	08FLRNC2	Z1	138	212	DEO&K	406	454	Base Case	0	-130.2	-	32.07	0	0.04%	0.04%	0.07%	
692	242544 05AXTON 138 242711 05MARTN1 138 1	242544	05AXTON	242711	05MARTN1	1	138	205	AEP	283	396	Base Case	0	90.7	-	32.06	0	-0.04%	-0.04%	0.30%	
693	243669 05B SAND 138 243678 05BSANDX 138 SR	243669	05B SAND	243678	05BSANDX	SR	138	205	AEP	335	370	Base Case	0	107.4	-	32.05	0	0.04%	0.04%	-0.08%	
694	239122 02STAR 345 239353 02HARMON 345 1	239122	02STAR	239353	02HARMON	1	345	202	ATSI	1366	1693	Base Case	0	-437.6	-	32.03	0	-0.03%	-0.03%	0.80%	
695	243469 05BEATTY 138 243588 05WILSON 138 1	243469	05BEATTY	243588	05WILSON	1	138	205	AEP	223	223	Base Case	0	71.3	-	31.99	0	-0.07%	-0.07%	0.00%	
696	243522 05HARRISON 138 243550 05OBETZ 138 1	243522	05HARRISON	243550	05OBETZ	1	138	205	AEP	164	180	Base Case	0	52.5	-	31.99	0	-0.05%	-0.05%	0.06%	
697	239008 02NILES 138 239299 02BRLAKE 138 1	239008	02NILES	239299	02BRLAKE	1	138	202	ATSI	117	147	Base Case	0	37.4	-	31.98	0	0.10%	0.10%	-0.06%	
698	253077 09STUART 345 253310 AC1-085 POI 345 1	253077	09STUART	253310	AC1-085 POI	1	345	209	DAY	1255	1374	Base Case	0	401.3	-	31.97	0	-0.07%	-0.07%	0.24%	
699	239107 02SHNAGO 138 239934 02HEASLEY 138 1	239107	02SHNAGO	239934	02HEASLEY	1	138	202	ATSI	176	229	Base Case	0	56.2	-	31.95	0	-0.22%	-0.22%	0.00%	
700	238574 02BELPT+ 138 238964 02MLCRK+ 138 1	238574	02BELPT+	238964	02MLCRK+	1	138	202	ATSI	160	192	Base Case	0	51.1	-	31.94	0	0.09%	0.09%	0.01%	
701	238941 02MANSFD 345 253902 15BVRVAL 345 1	238941	02MANSFD	253902	15BVRVAL	1	345	202/215	ATSI/DLCO	1486	1739	Base Case	0	-474.4	-	31.92	0	-0.16%	-0.16%	0.16%	
702	242665 05HANSON 138 242714 05MEADWV 138 1	242665	05HANSON	242714	05MEADWV	1	138	205	AEP	167	240	Base Case	0	53.3	-	31.92	0	-0.10%	-0.10%	-0.10%	
703	239986 02NEWSTACY 138 246327 05NOTTINGH78 138 1	239986	02NEWSTACY	246327	05NOTTINGH78	1	138	202/205	ATSI/AEP	200	242	Base Case	0	-63.7	-	31.87	0	-0.13%	-0.13%	0.07%	
704	238944 02MASURY 138 238948 02MAYSVL 138 1	238944	02MASURY	238948	02MAYSVL	1	138	202	ATSI	124	124	Base Case	0	39.5	-	31.86	0	-0.04%	-0.04%	0.00%	
705	243019 05HILLSB 138 243102 05SINK SP8SS 138 1	243019	05HILLSB	243102	05SINK SP8SS	1	138	205	AEP	185	185	Base Case	0	-58.9	-	31.82	0	0.22%	0.22%	0.25%	
706	243454 05BIXBY 345 246888 05BIERSR 345 1	243454	05BIXBY	246888	05BIERSR	1	345	205	AEP	1370	1503	Base Case	0	-435.7	-	31.8	0	-0.36%	-0.36%	0.63%	
707	246606 05WETZEL SS 138 247002 05WAYMSS 138 1	246606	05WETZEL SS	247002	05WAYMSS	1	138	205	AEP	219	255	Base Case	0	-69.6	-	31.78	0	0.00%	0.00%	0.00%	
708	238850 02JUNIPE 345 238841 02JNPRQ2 138 2	238850	02JUNIPE	238841	02JNPRQ2	2	345/138	202	ATSI	548	661	Base Case	0	174.1	-	31.77	0	0.02%	0.02%	0.05%	
709	242697 05KUMIS 138 242708 05M FUNK 138 1	242697	05KUMIS	242708	05M FUNK	1	138	205	AEP	223	223	Base Case	0	-70.8	-	31.74	0	0.12%	0.12%	0.22%	
710	239103 02SHARON 138 239934 02HEASLEY 138 1	239103	02SHARON	239934	02HEASLEY	1	138	202	ATSI	176	229	Base Case	0	-55.8	-	31.71	0	-0.01%	-0.01%	-0.01%	
711	243232 05SORENS 345 243377 05SORENS 138 1	243232	05SORENS	243377	05SORENS	1	345/138	205	AEP	711	807	Base Case	0	225.3	-	31.69	0	0.04%	0.04%	0.02%	
712	243518 05GROVES 138 246761 05THREEC 138 1	243518	05GROVES	246761	05THREEC	1	138	205	AEP	287	337	Base Case	0	-90.9	-	31.67	0	0.00%	0.00%	0.01%	
713	242566 05BROADF 138 242567 05BROADX 138 ZB	242566	05BROADF	242567	05BROADX	ZB	138	205	AEP	348	407	Base Case	0	110.2	-	31.67	0	-0.19%	-0.19%	-0.33%	
714	249988 08BKJ135 138 250133 08WLDER2 138 1	249988	08BKJ135	250133	08WLDER2	1	138	212	DEO&K	186	186	Base Case	0	58.9	-	31.64	0	0.02%	0.02%	0.02%	
715	242788 05SALTV1 138 246766 05ELKGAZ 138 1	242788	05SALTV1	246766	05ELKGAZ	1	138	205	AEP	446	446	Base Case	0	-141.1	-	31.63	0	-0.34%	-0.34%	-0.33%	
716	238849 02JRDQ14 138 239324 02CH 138 1	238849	02JRDQ14	239324	02CH	1	138	202	ATSI	265	316	Base Case	0	-83.7	-	31.59	0	-0.13%	-0.13%	0.04%	
717	238543 02ASH_2 138 239097 02SBRNQ3 138 1	238543	02ASH_2	239097	02SBRNQ3	1	138	202	ATSI	148	151	Base Case	0	46.7	-	31.54	0	0.10%	0.10%	-0.02%	
718	243228 05MERIDN 345 243234 05TWIN B 345 1	243228	05MERIDN	243234	05TWIN B	1	345	205	AEP	897	897	Base Case	0	-282.8	-	31.53	0	-0.50%	-0.50%	-0.42%	
719	242537 05AMOS 138 246382 05TURNER_BP 138 1	242537	05AMOS	246382	05TURNER_BP	1	138	205	AEP	296	398	Base Case	0	93.3	-	31.53	0	-0.01%	-0.01%	-0.19%	
720	240069 02LORDSTOWN 345 241936 AA1-123_POI 345 1	240069	02LORDSTOWN	241936	AA1-123_POI	1	345	202	ATSI	1413	1743	Base Case	0	-445.3	-	31.51	0	0.23%	0.23%	0.21%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
721	238654 02DAV-BE 345 239289 02HAYES 345 1	238654	02DAV-BE	239289	02HAYES	1	345	202	ATSI	1542	1878	Base Case	0	485.9	-	31.51	0	-1.79%	-1.79%	-0.27%	
722	235379 01NVIENA 138 243564 05RIVERV N. 138 1	235379	01NVIENA	243564	05RIVERV N.	1	138	201/205	AP/AEP	240	277	Base Case	0	75.6	-	31.5	0	0.12%	0.12%	0.07%	
723	238968 02MOORE 138 239083 02SAKRON 138 1	238968	02MOORE	239083	02SAKRON	1	138	202	ATSI	225	282	Base Case	0	70.8	-	31.47	0	-0.10%	-0.10%	0.10%	
724	245407 05TANNER CK2 138 246963 05WESLSS 138 1	245407	05TANNER CK2	246963	05WESLSS	1	138	205	AEP	213	255	Base Case	0	67	-	31.45	0	0.00%	0.00%	0.02%	
725	243047 05N PORT 138 243087 05S LUCA 138 1	243047	05N PORT	243087	05S LUCA	1	138	205	AEP	185	185	Base Case	0	-58.1	-	31.42	0	0.00%	0.00%	-0.07%	
726	243026 05KAMMER13 138 246108 05KAMMER24 138 ZL	243026	05KAMMER13	246108	05KAMMER24	ZL	138	205	AEP	747	747	Base Case	0	-234.5	-	31.39	0	-0.08%	-0.08%	-0.01%	
727	243026 05KAMMER13 138 246108 05KAMMER24 138 ZK	243026	05KAMMER13	246108	05KAMMER24	ZK	138	205	AEP	747	747	Base Case	0	-234.5	-	31.39	0	-0.08%	-0.08%	-0.01%	
728	243485 05CLINTO 138 243529 05KENNY 138 1	243485	05CLINTO	243529	05KENNY	1	138	205	AEP	217	310	Base Case	0	-68.1	-	31.38	0	-0.10%	-0.10%	-0.05%	
729	250003 08CRLISL 138 250121 08UNION 138 1	250003	08CRLISL	250121	08UNION	1	138	212	DEO&K	291	298	Base Case	0	-91.3	-	31.38	0	0.00%	0.00%	0.00%	
730	244658 05GRNTWN 138 249796 08MAPLE 138 1	244658	05GRNTWN	249796	08MAPLE	1	138	205/208	AEP/DEI	178	178	Base Case	0	55.8	-	31.34	0	0.01%	0.01%	-0.05%	
731	238893 02LF Q-2 138 239002 02NFLDQ2 138 1	238893	02LF Q-2	239002	02NFLDQ2	1	138	202	ATSI	176	229	Base Case	0	-55.1	-	31.32	0	-0.15%	-0.15%	0.04%	
732	239008 02NILES 138 239120 02SSPRNG 138 1	239008	02NILES	239120	02SSPRNG	1	138	202	ATSI	240	310	Base Case	0	75.1	-	31.28	0	-0.13%	-0.13%	-0.01%	
733	243484 05CITYCO 138 243584 05VINE 138 1	243484	05CITYCO	243584	05VINE	1	138	205	AEP	251	274	Base Case	0	-78.4	-	31.25	0	0.00%	0.00%	0.00%	
734	246889 05BIERSR 138 246890 05HOPETN 138 1	246889	05BIERSR	246890	05HOPETN	1	138	205	AEP	389	559	Base Case	0	121.5	-	31.23	0	-0.01%	-0.01%	0.00%	
735	243263 05COLUMBIA 138 243361 05RABER 138 1	243263	05COLUMBIA	243361	05RABER	1	138	205	AEP	136	167	Base Case	0	-42.5	-	31.22	0	0.07%	0.07%	0.06%	
736	242622 05DARRH2 138 242866 05MERRIT 138 1	242622	05DARRH2	242866	05MERRIT	1	138	205	AEP	167	167	Base Case	0	52.1	-	31.22	0	-0.07%	-0.07%	-0.05%	
737	239334 02L.CENTER 345 239112 02LRCRQ1 138 1	239334	02L.CENTER	239112	02LRCRQ1	1	345/138	202	ATSI	688	849	Base Case	0	214.7	-	31.21	0	0.00%	0.00%	-0.03%	
738	243282 05DREWER 138 243382 05TANNER CK1 138 1	243282	05DREWER	243382	05TANNER CK1	1	138	205	AEP	213	280	Base Case	0	-66.4	-	31.18	0	0.00%	0.00%	0.02%	
739	238532 02ALLNJB 138 240978 02AJ-MOD 138 ZL	238532	02ALLNJB	240978	02AJ-MOD	ZL	138	202	ATSI	160	192	Base Case	0	49.9	-	31.16	0	-0.07%	-0.07%	0.01%	
740	253012 09CENTER 138 253112 09TAP822 138 1	253012	09CENTER	253112	09TAP822	1	138	209	DAY	301	374	Base Case	0	-93.8	-	31.16	0	0.02%	0.02%	0.03%	
741	253078 09SUGRCK 138 253112 09TAP822 138 1	253078	09SUGRCK	253112	09TAP822	1	138	209	DAY	301	374	Base Case	0	93.8	-	31.16	0	0.02%	0.02%	0.03%	
742	250043 08HANDS2 138 250148 08EKPWEB 138 1	250043	08HANDS2	250148	08EKPWEB	1	138	212	DEO&K	301	301	Base Case	0	-93.5	-	31.08	0	0.03%	0.03%	0.08%	
743	242663 05HANCK1 138 242764 05RES 138 1	242663	05HANCK1	242764	05RES	1	138	205	AEP	219	231	Base Case	0	68	-	31.07	0	0.00%	0.00%	0.00%	
744	244930 05NEW CARLI1 138 247489 05BOSSERMAN 138 1	244930	05NEW CARLI1	247489	05BOSSERMAN	1	138	205	AEP	187	240	Base Case	0	58.1	-	31.05	0	0.12%	0.12%	0.08%	
745	243092 05SCANTO 138 243776 05S.TIMK 138 1	243092	05SCANTO	243776	05S.TIMK	1	138	205	AEP	287	337	Base Case	0	89	-	31.01	0	-0.07%	-0.07%	0.02%	
746	243211 05ALLEN 345 243242 05ALLEN 138 2	243211	05ALLEN	243242	05ALLEN	2	345/138	205	AEP	712	764	Base Case	0	220.7	-	31	0	-0.03%	-0.03%	-0.03%	
747	238631 02CNTRAL 138 238952 02MCD + 138 1	238631	02CNTRAL	238952	02MCD +	1	138	202	ATSI	200	242	Base Case	0	-62	-	30.98	0	0.04%	0.04%	0.00%	
748	243313 05HUNT J 138 249759 08HNTNGT 138 1	243313	05HUNT J	249759	08HNTNGT	1	138	205/208	AEP/DEI	178	178	Base Case	0	55.1	-	30.96	0	0.06%	0.06%	0.00%	
749	242939 05MARYSV 345 243458 05HYATT 345 1	242939	05MARYSV	243458	05HYATT	1	345	205	AEP	1166	1335	Base Case	0	360.8	-	30.94	0	-0.46%	-0.46%	-0.24%	
750	246888 05BIERSR 345 246889 05BIERSR 138 1	246888	05BIERSR	246889	05BIERSR	1	345/138	205	AEP	887	996	Base Case	0	274.4	-	30.93	0	0.00%	0.00%	0.07%	
751	243019 05HILLSB 138 246946 05WLDCAT 138 1	243019	05HILLSB	246946	05WLDCAT	1	138	205	AEP	185	185	Base Case	0	-57.2	-	30.91	0	-0.09%	-0.09%	-0.02%	
752	242523 05BAKER 345 247226 05FOOTHL 345 1	242523	05BAKER	247226	05FOOTHL	1	345	205	AEP	896	896	Base Case	0	-277	-	30.91	0	-0.17%	-0.17%	-0.17%	
753	243064 05NPROCT 138 247277 05WNDSRZ 138 1	243064	05NPROCT	247277	05WNDSRZ	1	138	205	AEP	167	167	Base Case	0	51.6	-	30.9	0	-0.02%	-0.02%	0.10%	
754	242645 05FREMO2 138 243671 05BEAVER CR1 138 1	242645	05FREMO2	243671	05BEAVER CR1	1	138	205	AEP	223	310	Base Case	0	68.9	-	30.89	0	0.03%	0.03%	0.18%	
755	243280 05DRAGN 138 243281 05DRAGNZ 138 1	243280	05DRAGN	243281	05DRAGNZ	1	138	205	AEP	164	180	Base Case	0	-50.5	-	30.82	0	0.00%	0.00%	0.00%	
756	243457 05HAYDEN 345 243458 05HYATT 345 1	243457	05HAYDEN	243458	05HYATT	1	345	205	AEP	1239	1429	Base Case	0	-381.6	-	30.8	0	0.37%	0.37%	-0.07%	
757	253014 09CLINTO 345 253027 09GREENE 345 1	253014	09CLINTO	253027	09GREENE	1	345	209	DAY	1255	1374	Base Case	0	386.4	-	30.79	0	-0.11%	-0.11%	0.19%	
758	243143 05WBELLA 138 246108 05KAMMER24 138 1	243143	05WBELLA	246108	05KAMMER24	1	138	205	AEP	296	398	Base Case	0	-91.1	-	30.77	0	-0.27%	-0.27%	0.07%	
759	238731 02FOX 345 238733 02FOXQ12 138 5	238731	02FOX	238733	02FOXQ12	5	345/138	202	ATSI	397	488	Base Case	0	122.1	-	30.77	0	0.19%	0.19%	0.02%	
760	243232 05SORENS 345 243377 05SORENS 138 2	243232	05SORENS	243377	05SORENS	2	345/138	205	AEP	713	765	Base Case	0	219.4	-	30.76	0	0.04%	0.04%	0.02%	
761	239093 02SAMMIS 138 240218 02GUILFORD 138 1	239093	02SAMMIS	240218	02GUILFORD	1	138	202	ATSI	217	274	Base Case	0	66.7	-	30.74	0	0.09%	0.09%	0.01%	
762	253069 09SHELBY 345 253068 09SHELBY 138 1	253069	09SHELBY	253068	09SHELBY	1	345/138	209	DAY	448	493	Base Case	0	137.2	-	30.62	0	0.00%	0.00%	-0.01%	
763	253069 09SHELBY 345 253068 09SHELBY 138 2	253069	09SHELBY	253068	09SHELBY	2	345/138	209	DAY	448	493	Base Case	0	137.2	-	30.62	0	0.00%	0.00%	-0.01%	
764	239092 02SAMMIS 345 241936 AA1-123_POI 345 1	239092	02SAMMIS	241936	AA1-123_POI	1	345	202	ATSI	1413	1743	Base Case	0	-432.2	-	30.58	0	-0.78%	-0.78%	-0.76%	
765	242524 05CLOVRD 345 242607 05CLOVRD 138 3	242524	05CLOVRD	242607	05CLOVRD	3	345/138	205	AEP	696	747	Base Case	0	212.7	-	30.55	0	0.21%	0.21%	-0.41%	
766	239134 02TANGY 138 239218 02SSCIOT 138 1	239134	02TANGY	239218	02SSCIOT	1	138	202	ATSI	278	339	Base Case	0	84.9	-	30.55	0	-0.02%	-0.02%	0.08%	
767	249989 08BKJ246 138 250158 088MIRDJ 138 1	249989	08BKJ246	250158	088MIRDJ	1	138	212	DEO&K	309	332	Base Case	0	94.3	-	30.53	0	0.04%	0.04%	0.04%	
768	247527 05COVERT 345 247803 05SEGRETO 345 1	247527	05COVERT	247803	05SEGRETO	1	345	205	AEP	1820	2457	Base Case	0	555.1	-	30.5	0	0.03%	0.03%	-0.26%	
769	241901 02LALLENDORF 345 242936 05FOSTOR 345 1	241901	02LALLENDORF	242936	05FOSTOR	1	345	202/205	ATSI/AEP	1409	1409	Base Case	0	428.9	-	30.44	0	-0.09%	-0.09%	-0.64%	
770	238644 02CW Q-3 138 238672 02DW Q-3 138 1	238644	02CW Q-3	238672	02DW Q-3	1	138	202	ATSI	273	332	Base Case	0	82.9	-	30.36	0	-0.19%	-0.19%	-0.02%	
771	243087 05S LUCA 138 243140 05WAKEFL 138 1	243087	05S LUCA	243140	05WAKEFL	1	138	205	AEP	219	223	Base Case	0	-66.5	-	30.36	0	0.00%	0.00%	-0.07%	
772	242989 05E LIMA 138 243083 05CAMPSS 138 1	242989	05E LIMA	243083	05CAMPSS	1	138	205	AEP	219	223	Base Case	0	66.5	-	30.35	0	0.06%	0.06%	0.10%	
773	243127 05TIDD 1-2 138 243780 05FGDCDL 138 ZL	243127	05TIDD 1-2	243780	05FGDCDL	ZL	138	205	AEP	180	227	Base Case	0	54.5	-	30.3	0	0.00%	0.00%	0.00%	
774	243278 05DESOTO 138 243373 05SELMAP 138 1	243278	05DESOTO	243373	05SELMAP	1	138	205	AEP	167	167	Base Case	0	50.6	-	30.29	0	-0.03%	-0.03%	-0.03%	
775	242514 05J.FERR 765 242684 05J.FERR 138 2	242514	05J.FERR	242684	05J.FERR	2	765/138	205	AEP	696	696	Base Case	0	210.8	-	30.28	0	0.02%	0.02%	0.19%	
776	250139 08ROCKIE 138 250162 08GARVER 138 1	250139	08ROCKIE	250162	08GARVER	1	138	212	DEO&K	516	582	Base Case	0	-156.1	-	30.25	0	-0.06%	-0.06%	-0.06%	
777	250024 08FINTWN 138 250117 08TRMNL1 138 1	250024	08FINTWN	250117	08TRMNL1	1	138	212	DEO&K	266	266	Base Case	0	-80.4	-	30.23	0	0.01%	0.01%	0.00%	
778	241927 02AVQ1 138 241928 02AVQ2 138 1	241927	02AVQ1	241928	02AVQ2	1	138	202	ATSI	999	999	Base Case	0	-301.7	-	30.2	0	-0.68%	-0.68%	-0.08%	
779	245797 05W.CANTON2 138 246471 05MILES AVE 138 1	245797	05W.CANTON2	246471	05MILES AVE	1	138	205	AEP	251	335	Base Case	0	-75.7	-	30.17	0	-0.08%	-0.08%	0.05%	
780	243675 05BELLF1 138 243676 05BELLF2 138 Z1	243675	05BELLF1	243676	05BELLF2	Z1	138	205	AEP	285	368	Base Case	0	-85.9	-	30.13	0	0.01%	0.01%	0.12%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
781	243211 05ALLEN 345 243242 05ALLEN 138 1	243211	05ALLEN	243242	05ALLEN	1	345/138	205	AEP	504	572	Base Case	0	151.7	-	30.11	0	-0.02%	-0.02%	-0.02%	
782	243500 05DUCKCR 138 247809 05LEVEE 138 1	243500	05DUCKCR	247809	05LEVEE	1	138	205	AEP	282	282	Base Case	0	-84.7	-	30.04	0	0.27%	0.27%	0.20%	
783	238957 02MFLDQ2 138 239046 02PN Q-2 138 1	238957	02MFLDQ2	239046	02PN Q-2	1	138	202	ATSI	103	115	Base Case	0	-30.9	-	30.01	0	0.12%	0.12%	-0.04%	
784	239133 02TANGY 345 239134 02TANGY 138 4	239133	02TANGY	239134	02TANGY	4	345/138	202	ATSI	383	473	Base Case	0	114.8	-	29.99	0	0.02%	0.02%	0.07%	
785	243262 05COLLEGE C 138 250106 08TODHJT 138 1	243262	05COLLEGE C	250106	08TODHJT	1	138	205/212	AEP/DEO&K	185	257	Base Case	0	55.5	-	29.98	0	-0.09%	-0.09%	-0.04%	
786	243522 05HARRISON 138 247233 05HARIS8 138 1	243522	05HARRISON	247233	05HARIS8	1	138	205	AEP	164	180	Base Case	0	49.2	-	29.97	0	0.00%	0.00%	0.00%	
787	238684 02EASTLK 345 238685 02EASTLK 138 62	238684	02EASTLK	238685	02EASTLK	62	345/138	202	ATSI	784	900	Base Case	0	235	-	29.97	0	0.11%	0.11%	-0.04%	
788	239133 02TANGY 345 239134 02TANGY 138 3	239133	02TANGY	239134	02TANGY	3	345/138	202	ATSI	383	474	Base Case	0	114.5	-	29.9	0	0.02%	0.02%	0.07%	
789	242997 05E.NEWCONCZ 138 243144 05WCAMBR 138 1	242997	05E.NEWCONCZ	243144	05WCAMBR	1	138	205	AEP	296	378	Base Case	0	88.2	-	29.81	0	-0.15%	-0.15%	0.10%	
790	238753 02GFQ-11 138 238921 02LTEQ11 138 1	238753	02GFQ-11	238921	02LTEQ11	1	138	202	ATSI	425	522	Base Case	0	126.7	-	29.81	0	0.01%	0.01%	0.02%	
791	243012 05G WASHGTON 138 243049 05NATRIUM12 138 1	243012	05G WASHGTON	243049	05NATRIUM12	1	138	205	AEP	187	205	Base Case	0	55.7	-	29.79	0	0.13%	0.13%	-0.11%	
792	238546 02ASQ-11 138 241927 02AVQ1 138 1	238546	02ASQ-11	241927	02AVQ1	1	138	202	ATSI	265	316	Base Case	0	-78.9	-	29.78	0	-0.19%	-0.19%	-0.02%	
793	242600 05CLAYPL 138 242766 05RICHLA 138 1	242600	05CLAYPL	242766	05RICHLA	1	138	205	AEP	296	366	Base Case	0	88.1	-	29.78	0	0.06%	0.06%	0.19%	
794	243479 05BROOKS 138 243566 05SAWMIL 138 1	243479	05BROOKS	243566	05SAWMIL	1	138	205	AEP	389	559	Base Case	0	-115.7	-	29.75	0	0.04%	0.04%	0.00%	
795	243456 05CORRID 345 246752 05VASSEL 345 2	243456	05CORRID	246752	05VASSEL	2	345	205	AEP	1370	1503	Base Case	0	-407.1	-	29.72	0	0.16%	0.16%	0.04%	
796	242712 05MARTN2 138 242816 05STOCKT 138 1	242712	05MARTN2	242816	05STOCKT	1	138	205	AEP	283	366	Base Case	0	-84.1	-	29.71	0	-0.03%	-0.03%	0.25%	
797	243212 05BENTON 345 247803 05SEGRETO 345 1	243212	05BENTON	247803	05SEGRETO	1	345	205	AEP	1409	1868	Base Case	0	-418.3	-	29.68	0	0.59%	0.59%	-0.02%	
798	242832 05TOLER 138 242855 05WYOMIN 138 1	242832	05TOLER	242855	05WYOMIN	1	138	205	AEP	329	361	Base Case	0	-97.4	-	29.6	0	0.13%	0.13%	0.31%	
799	246409 05CABIN C T8 138 246421 05CABNC8_XFL 138 Z1	246409	05CABIN C T8	246421	05CABNC8_XFL	Z1	138	205	AEP	113	136	Base Case	0	33.4	-	29.6	0	0.00%	0.00%	0.01%	
800	238646 02CW TP3 138 240365 02LRN Q3 138 1	238646	02CW TP3	240365	02LRN Q3	1	138	202	ATSI	273	332	Base Case	0	80.8	-	29.59	0	-0.26%	-0.26%	-0.03%	
801	242960 05BETHLM 138 242985 05CNTYLN 138 1	242960	05BETHLM	242985	05CNTYLN	1	138	205	AEP	329	361	Base Case	0	97.3	-	29.58	0	0.01%	0.01%	0.09%	
802	245539 05HOLLOWAY56 138 247849 05HOLLOW_XFL 138 1	245539	05HOLLOWAY56	247849	05HOLLOW_XFL	1	138	205	AEP	747	747	Base Case	0	-220.6	-	29.53	0	0.04%	0.04%	-0.06%	
803	242650 05GLENL1 138 242760 05PROGPK 138 1	242650	05GLENL1	242760	05PROGPK	1	138	205	AEP	285	337	Base Case	0	-84.1	-	29.51	0	-0.09%	-0.09%	0.00%	
804	243481 05CANAL 138 243539 05MARION 138 1	243481	05CANAL	243539	05MARION	1	138	205	AEP	124	167	Base Case	0	-36.6	-	29.51	0	0.02%	0.02%	0.06%	
805	238654 02DAV-BE 345 907200 AD1-103 TAP 345 1	238654	02DAV-BE	907200	AD1-103 TAP	1	345	202	ATSI	1435	1742	Base Case	0	422.7	-	29.46	0	-1.85%	-1.85%	-0.27%	
806	243283 05DUNLAP 138 243290 05ELCONZ 138 1	243283	05DUNLAP	243290	05ELCONZ	1	138	205	AEP	243	243	Base Case	0	-71.5	-	29.42	0	-0.02%	-0.02%	-0.01%	
807	238840 02JNPRQ1 138 239001 02NFLDQ1 138 1	238840	02JNPRQ1	239001	02NFLDQ1	1	138	202	ATSI	273	332	Base Case	0	80.2	-	29.38	0	-0.14%	-0.14%	0.05%	
808	253049 09MONUM1 138 253062 09OVERL1 138 1	253049	09MONUM1	253062	09OVERL1	1	138	209	DAY	301	374	Base Case	0	-88.4	-	29.37	0	0.05%	0.05%	0.05%	
809	243500 05DUCKCR 138 243543 05MILLCR 138 1	243500	05DUCKCR	243543	05MILLCR	1	138	205	AEP	240	282	Base Case	0	70.4	-	29.34	0	0.27%	0.27%	0.20%	
810	243311 05ARN HOGAN 138 247420 05CROSS ST Z 138 1	243311	05ARN HOGAN	247420	05CROSS ST Z	1	138	205	AEP	205	278	Base Case	0	-60.1	-	29.34	0	-0.01%	-0.01%	0.06%	
811	239083 02SAKRON 138 239198 02CONGRS 138 1	239083	02SAKRON	239198	02CONGRS	1	138	202	ATSI	200	242	Base Case	0	-58.7	-	29.33	0	0.12%	0.12%	0.01%	
812	243224 05KENZIE 345 243234 05TWIN B 345 1	243224	05KENZIE	243234	05TWIN B	1	345	205	AEP	1409	1409	Base Case	0	413.3	-	29.33	0	-0.15%	-0.15%	-0.27%	
813	238608 02CARLIL 138 239314 02NATBRNZ 138 1	238608	02CARLIL	239314	02NATBRNZ	1	138	202	ATSI	233	282	Base Case	0	68.3	-	29.32	0	-0.22%	-0.22%	0.00%	
814	239025 02NY Q11 138 240352 02PM2Q11 138 1	239025	02NY Q11	240352	02PM2Q11	1	138	202	ATSI	273	332	Base Case	0	-80	-	29.32	0	0.08%	0.08%	-0.02%	
815	249985 08BECKET 138 250082 08P.UN1 138 1	249985	08BECKET	250082	08P.UN1	1	138	212	DEO&K	302	302	Base Case	0	88.5	-	29.32	0	-0.02%	-0.02%	-0.06%	
816	253017 09CROWN 138 253057 09OHH 138 1	253017	09CROWN	253057	09OHH	1	138	209	DAY	191	234	Base Case	0	-56	-	29.31	0	0.01%	0.01%	0.05%	
817	238941 02MANSFD 345 253936 15CRESCN 345 1	238941	02MANSFD	253936	15CRESCN	1	345	202/215	ATSI/DLCO	1244	1411	Base Case	0	364.5	-	29.3	0	-0.21%	-0.21%	-0.23%	
818	238861 02KIRBY 138 239218 02SSCIOT 138 1	238861	02KIRBY	239218	02SSCIOT	1	138	202	ATSI	278	339	Base Case	0	-81.4	-	29.3	0	-0.02%	-0.02%	0.08%	
819	238569 02BEAVER 345 907200 AD1-103 TAP 345 1	238569	02BEAVER	907200	AD1-103 TAP	1	345	202	ATSI	1435	1742	Base Case	0	-420.4	-	29.3	0	-1.85%	-1.85%	-0.27%	
820	242962 05BLDBGZ 138 243070 05OHIOCT 138 1	242962	05BLDBGZ	243070	05OHIOCT	1	138	205	AEP	205	255	Base Case	0	-60	-	29.26	0	0.02%	0.02%	0.09%	
821	243233 05TANNER 345 245409 05TAN CK_5SZ 138 5	243233	05TANNER	245409	05TAN CK_5SZ	5	345/138	205	AEP	570	579	Base Case	0	166.7	-	29.24	0	0.05%	0.05%	0.07%	
822	243382 05TANNER CK1 138 245409 05TAN CK_5SZ 138 ZK	243382	05TANNER CK1	245409	05TAN CK_5SZ	ZK	138	205	AEP	285	368	Base Case	0	-83.3	-	29.23	0	0.03%	0.03%	0.04%	
823	245407 05TANNER CK2 138 245409 05TAN CK_5SZ 138 ZJ	245407	05TANNER CK2	245409	05TAN CK_5SZ	ZJ	138	205	AEP	285	368	Base Case	0	-83.3	-	29.23	0	0.03%	0.03%	0.04%	
824	243472 05BEXLEY 138 243518 05GROVES 138 1	243472	05BEXLEY	243518	05GROVES	1	138	205	AEP	335	392	Base Case	0	-97.8	-	29.19	0	0.03%	0.03%	0.03%	
825	238731 02FOX 345 238734 02FOXQ13 138 3	238731	02FOX	238734	02FOXQ13	3	345/138	202	ATSI	423	478	Base Case	0	123.4	-	29.17	0	0.19%	0.19%	0.02%	
826	242508 05AMOS 765 247504 05AMOS_5_XFL 345 5	242508	05AMOS	247504	05AMOS_5_XFL	5	765/345	205	AEP	1587	1752	Base Case	0	462.7	-	29.16	0	-0.24%	-0.24%	-0.17%	
827	239122 02STAR 345 239123 02STAR 138 2	239122	02STAR	239123	02STAR	2	345/138	202	ATSI	559	660	Base Case	0	162.9	-	29.14	0	0.00%	0.00%	-0.02%	
828	243080 05RILEYC 138 243083 05CAMPSS 138 1	243080	05RILEYC	243083	05CAMPSS	1	138	205	AEP	223	223	Base Case	0	-64.9	-	29.11	0	0.06%	0.06%	0.10%	
829	239368 02TORONTO 345 239369 02TORONTO 138 2	239368	02TORONTO	239369	02TORONTO	2	345/138	202	ATSI	618	731	Base Case	0	179.8	-	29.09	0	0.16%	0.16%	0.08%	
830	238738 02FULTON 138 239128 02SWANTN 138 1	238738	02FULTON	239128	02SWANTN	1	138	202	ATSI	288	346	Base Case	0	83.7	-	29.06	0	-0.04%	-0.04%	0.01%	
831	242551 05BELVA 138 242580 05CARBND 138 1	242551	05BELVA	242580	05CARBND	1	138	205	AEP	282	361	Base Case	0	-81.9	-	29.06	0	-0.31%	-0.31%	0.05%	
832	242542 05ATKINS 138 242780 05RURALR 138 1	242542	05ATKINS	242780	05RURALR	1	138	205	AEP	251	330	Base Case	0	72.9	-	29.05	0	-0.19%	-0.19%	-0.33%	
833	239042 02PIDGON 138 240218 02GUILFORD 138 1	239042	02PIDGON	240218	02GUILFORD	1	138	202	ATSI	217	274	Base Case	0	-63	-	29.04	0	0.09%	0.09%	0.01%	
834	250029 08FOSTER 138 250150 08ENYART 138 1	250029	08FOSTER	250150	08ENYART	1	138	212	DEO&K	298	298	Base Case	0	86.5	-	29.04	0	-0.01%	-0.01%	-0.03%	
835	238916 02LRN Q4 138 239314 02NATBRNZ 138 1	238916	02LRN Q4	239314	02NATBRNZ	1	138	202	ATSI	225	295	Base Case	0	-65.3	-	29.04	0	-0.22%	-0.22%	0.00%	
836	242674 05HUFFCK 138 242832 05TOLER 138 1	242674	05HUFFCK	242832	05TOLER	1	138	205	AEP	329	361	Base Case	0	-95.5	-	29.03	0	0.13%	0.13%	0.31%	
837	242508 05AMOS 765 242513 05CULLOD 765 1	242508	05AMOS	242513	05CULLOD	1	765	205	AEP	2312	2312	Base Case	0	671.1	-	29.03	0	-1.05%	-1.05%	-5.34%	
838	238842 02JNPRQ3 138 239003 02NFLDQ3 138 1	238842	02JNPRQ3	239003	02NFLDQ3	1	138	202	ATSI	273	332	Base Case	0	79.1	-	28.98	0	-0.14%	-0.14%	0.04%	
839	249570 08P.UNON 345 249577 08ZIMER 345 1	249570	08P.UNON	249577	08ZIMER	1	345	212	DEO&K	1492	1492	Base Case	0	-432.1	-	28.96	0	-0.13%	-0.13%	-0.01%	
840	243508 05ITALNV 138 243584 05VINE 138 1	243508	05ITALNV	243584	05VINE	1	138	205	AEP	261	376	Base Case	0	75.6	-	28.95	0	0.09%	0.09%	0.03%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
841	238843 02JNPRQ4 138 239004 02NFLDQ4 138 1	238843	02JNPRQ4	239004	02NFLDQ4	1	138	202	ATSI	273	332	Base Case	0	79	-	28.92	0	-0.14%	-0.14%	0.05%	
842	243271 05CRYSTA 138 243308 05HICKRY CK1 138 1	243271	05CRYSTA	243308	05HICKRY CK1	1	138	205	AEP	187	240	Base Case	0	54	-	28.9	0	0.05%	0.05%	0.00%	
843	244930 05NEW CARLI1 138 255152 17MAPLE 138 1	244930	05NEW CARLI1	255152	17MAPLE	1	138	205/217	AEP/NIPS	136	138	Base Case	0	39.3	-	28.89	0	0.07%	0.07%	0.03%	
844	246187 05WARTON H2 138 247468 05CRICKET SS 138 1	246187	05WARTON H2	247468	05CRICKET SS	1	138	205	AEP	257	341	Base Case	0	-74.2	-	28.88	0	0.00%	0.00%	0.00%	
845	239368 02TORONTO 345 239369 02TORONTO 138 1	239368	02TORONTO	239369	02TORONTO	1	345/138	202	ATSI	618	730	Base Case	0	178.5	-	28.88	0	0.16%	0.16%	0.08%	
846	249986 08BELVUE 138 250140 08DAYTON 138 1	249986	08BELVUE	250140	08DAYTON	1	138	212	DEO&K	298	298	Base Case	0	-86	-	28.86	0	-0.01%	-0.01%	0.00%	
847	243215 05COOK 345 243223 05JACKSON RD 345 1	243215	05COOK	243223	05JACKSON RD	1	345	205	AEP	971	971	Base Case	0	279.9	-	28.83	0	-0.04%	-0.04%	-0.09%	
848	239070 02RICHLD 138 239165 02WAUSEO 138 1	239070	02RICHLD	239165	02WAUSEO	1	138	202	ATSI	158	190	Base Case	0	45.5	-	28.79	0	-0.14%	-0.14%	-0.01%	
849	239334 02L.CENTER 345 239057 02LRCRQ4 138 2	239334	02L.CENTER	239057	02LRCRQ4	2	345/138	202	ATSI	747	849	Base Case	0	214.7	-	28.74	0	0.00%	0.00%	-0.03%	
850	250122 08WARRN1 138 250138 08NICKEL 138 1	250122	08WARRN1	250138	08NICKEL	1	138	212	DEO&K	301	301	Base Case	0	-86.5	-	28.73	0	-0.10%	-0.10%	-0.10%	
851	246325 05NOTTINGH56 138 247131 05HOLLOWAY12 138 3	246325	05NOTTINGH56	247131	05HOLLOWAY12	3	138	205	AEP	200	242	Base Case	0	-57.4	-	28.72	0	-0.03%	-0.03%	0.05%	
852	246325 05NOTTINGH56 138 247131 05HOLLOWAY12 138 4	246325	05NOTTINGH56	247131	05HOLLOWAY12	4	138	205	AEP	200	242	Base Case	0	-57.4	-	28.71	0	-0.03%	-0.03%	0.05%	
853	242537 05AMOS 138 242616 05CURRY 138 1	242537	05AMOS	242616	05CURRY	1	138	205	AEP	167	167	Base Case	0	47.9	-	28.69	0	0.06%	0.06%	0.05%	
854	242516 05MOUNTN 765 247183 05MOUNTN 345 2	242516	05MOUNTN	247183	05MOUNTN	2	765/345	205	AEP	2742	3097	Base Case	0	786.1	-	28.67	0	1.00%	1.00%	1.08%	
855	243528 05KARL ROAD 138 243547 05MORSE 138 2	243528	05KARL ROAD	243547	05MORSE	2	138	205	AEP	240	277	Base Case	0	-68.8	-	28.67	0	0.07%	0.07%	0.02%	
856	243507 05FIFTH 138 243588 05WILSON 138 1	243507	05FIFTH	243588	05WILSON	1	138	205	AEP	219	223	Base Case	0	-62.8	-	28.66	0	-0.07%	-0.07%	-0.01%	
857	253046 09MIAMI 138 253074 09STATAP 138 1	253046	09MIAMI	253074	09STATAP	1	138	209	DAY	306	380	Base Case	0	87.7	-	28.64	0	-0.01%	-0.01%	0.02%	
858	238969 02MRGP + 138 238970 02MRST + 138 1	238969	02MRGP +	238970	02MRST +	1	138	202	ATSI	200	242	Base Case	0	57.3	-	28.63	0	0.00%	0.00%	0.00%	
859	242542 05ATKINS 138 242803 05SMYTH 138 1	242542	05ATKINS	242803	05SMYTH	1	138	205	AEP	292	330	Base Case	0	-83.6	-	28.63	0	-0.19%	-0.19%	-0.33%	
860	238890 02LEMOYN 138 238936 02MACLEA 138 1	238890	02LEMOYN	238936	02MACLEA	1	138	202	ATSI	329	413	Base Case	0	94.1	-	28.61	0	0.04%	0.04%	0.03%	
861	242727 05MULLEN 138 247113 05PIERSS 138 1	242727	05MULLEN	247113	05PIERSS	1	138	205	AEP	205	255	Base Case	0	58.6	-	28.6	0	-0.07%	-0.07%	-0.01%	
862	243669 05B SAND 138 243694 05INEZ 138 1	243669	05B SAND	243694	05INEZ	1	138	205	AEP	670	741	Base Case	0	191.5	-	28.59	0	-0.08%	-0.08%	-0.36%	
863	242514 05J.FERR 765 242684 05J.FERR 138 3	242514	05J.FERR	242684	05J.FERR	3	765/138	205	AEP	696	696	Base Case	0	198.8	-	28.56	0	0.02%	0.02%	0.18%	
864	238836 02JGSQ13 138 238923 02LTEQ13 138 1	238836	02JGSQ13	238923	02LTEQ13	1	138	202	ATSI	425	522	Base Case	0	-121.2	-	28.51	0	0.01%	0.01%	0.01%	
865	253007 09BELLBR 138 253107 09ALPHA 138 1	253007	09BELLBR	253107	09ALPHA	1	138	209	DAY	301	374	Base Case	0	85.7	-	28.48	0	-0.07%	-0.07%	0.00%	
866	242989 05E LIMA 138 247513 05BOUTWELL 138 1	242989	05E LIMA	247513	05BOUTWELL	1	138	205	AEP	150	212	Base Case	0	42.7	-	28.45	0	-0.08%	-0.08%	0.06%	
867	243046 05N CROW 138 247277 05WNDSRZ 138 1	243046	05N CROW	247277	05WNDSRZ	1	138	205	AEP	167	245	Base Case	0	-47.5	-	28.44	0	-0.02%	-0.02%	0.10%	
868	250004 08CRNEL1 138 250157 08CORNTP 138 1	250004	08CRNEL1	250157	08CORNTP	1	138	212	DEO&K	266	266	Base Case	0	-75.6	-	28.41	0	0.00%	0.00%	0.00%	
869	243578 05STRODZ 138 244198 05LEMASTER 138 1	243578	05STRODZ	244198	05LEMASTER	1	138	205	AEP	223	223	Base Case	0	-63.4	-	28.41	0	-0.13%	-0.13%	0.14%	
870	243497 05DELANO 138 246890 05HOPETN 138 1	243497	05DELANO	246890	05HOPETN	1	138	205	AEP	383	448	Base Case	0	-108.8	-	28.4	0	-0.01%	-0.01%	0.00%	
871	242652 05GOMING 138 242688 05JOSHUA 138 1	242652	05GOMING	242688	05JOSHUA	1	138	205	AEP	388	484	Base Case	0	-110.2	-	28.39	0	-0.06%	-0.06%	-0.50%	
872	243333 05MADISON1 138 245946 05MADISON2 138 Z1	243333	05MADISON1	245946	05MADISON2	Z1	138	205	AEP	187	240	Base Case	0	-53.1	-	28.39	0	0.03%	0.03%	0.02%	
873	243540 05MCCOMB 138 243854 05REAVER 138 1	243540	05MCCOMB	243854	05REAVER	1	138	205	AEP	223	267	Base Case	0	63.3	-	28.38	0	-0.08%	-0.08%	-0.02%	
874	242946 05TIDD 345 242914 05TIDD_C_XFL 138 C	242946	05TIDD	242914	05TIDD_C_XFL	C	345/138	205	AEP	503	547	Base Case	0	142.7	-	28.37	0	0.03%	0.03%	-0.01%	
875	238731 02FOX 345 238732 02FOXQ11 138 2	238731	02FOX	238732	02FOXQ11	2	345/138	202	ATSI	419	473	Base Case	0	118.9	-	28.37	0	0.21%	0.21%	0.03%	
876	243499 05DUBLIN 138 247873 05BRITTON 138 1	243499	05DUBLIN	247873	05BRITTON	1	138	205	AEP	269	345	Base Case	0	76.3	-	28.35	0	0.02%	0.02%	-0.01%	
877	238746 02GALION 138 239028 02ONTARO 138 1	238746	02GALION	239028	02ONTARO	1	138	202	ATSI	317	365	Base Case	0	89.8	-	28.34	0	-0.26%	-0.26%	0.03%	
878	242819 05SULVN 138 304740 4WALTERS138 138 1	242819	05SULVN	304740	4WALTERS138	1	138	205/341	AEP/CPLW	100	100	Base Case	0	-28.3	-	28.33	0	0.03%	0.03%	0.27%	
879	243472 05BEXLEY 138 243575 05ST.CLR 138 1	243472	05BEXLEY	243575	05ST.CLR	1	138	205	AEP	187	240	Base Case	0	52.9	-	28.31	0	0.08%	0.08%	0.02%	
880	250020 08ESTWD1 138 250031 08FRDBT2 138 1	250020	08ESTWD1	250031	08FRDBT2	1	138	212	DEO&K	298	298	Base Case	0	84.1	-	28.24	0	0.03%	0.03%	0.03%	
881	238874 02LAKVEW 138 239030 02OTTAWA 138 1	238874	02LAKVEW	239030	02OTTAWA	1	138	202	ATSI	448	516	Base Case	0	-126.4	-	28.22	0	-0.44%	-0.44%	-0.07%	
882	245769 05ADKINS 345 253100 09ATLNTA 345 1	245769	05ADKINS	253100	09ATLNTA	1	345	205/209	AEP/DAY	1195	1195	Base Case	0	-337	-	28.21	0	-0.64%	-0.64%	0.00%	
883	242622 05DARRH2 138 242999 05EPROCT 138 1	242622	05DARRH2	242999	05EPROCT	1	138	205	AEP	292	296	Base Case	0	-82.3	-	28.19	0	-0.02%	-0.02%	-0.06%	
884	238642 02CRSLND 138 239107 02SHNAGO 138 1	238642	02CRSLND	239107	02SHNAGO	1	138	202	ATSI	265	287	Base Case	0	-74.6	-	28.14	0	0.03%	0.03%	-0.02%	
885	243287 05E.ELKHART 138 243346 05MOTTV 138 1	243287	05E.ELKHART	243346	05MOTTV	1	138	205	AEP	185	185	Base Case	0	52.1	-	28.14	0	0.02%	0.02%	0.02%	
886	250075 08MTGRY1 138 250150 08ENYART 138 1	250075	08MTGRY1	250150	08ENYART	1	138	212	DEO&K	298	298	Base Case	0	-83.8	-	28.13	0	-0.01%	-0.01%	-0.03%	
887	238648 02CY Q-2 138 238918 02SLTRQ2 138 1	238648	02CY Q-2	238918	02SLTRQ2	1	138	202	ATSI	273	332	Base Case	0	-76.8	-	28.12	0	-0.28%	-0.28%	-0.03%	
888	243242 05ALLEN 138 243383 05TILLMA 138 1	243242	05ALLEN	243383	05TILLMA	1	138	205	AEP	293	341	Base Case	0	82.3	-	28.08	0	-0.15%	-0.15%	-0.04%	
889	244489 05FOGWELL 138 244967 05ELLISON_BP 138 1	244489	05FOGWELL	244967	05ELLISON_BP	1	138	205	AEP	205	284	Base Case	0	57.5	-	28.06	0	-0.02%	-0.02%	0.01%	
890	243233 05TANNER 345 248001 06DEARB1 345 Z1	243233	05TANNER	248001	06DEARB1	Z1	345	205/206	AEP/OVEC	1097	1204	Base Case	0	-307.6	-	28.04	0	0.76%	0.76%	1.08%	
891	243281 05DRAGNZ 138 243317 05IRELAN 138 1	243281	05DRAGNZ	243317	05IRELAN	1	138	205	AEP	219	251	Base Case	0	-61.4	-	28.03	0	-0.05%	-0.05%	-0.03%	
892	238796 02HGHLND 345 238797 02HGHLND 138 2	238796	02HGHLND	238797	02HGHLND	2	345/138	202	ATSI	596	690	Base Case	0	166.9	-	28	0	-0.02%	-0.02%	-0.04%	
893	249984 08ASHLD8 138 250146 08WHITTR 138 1	249984	08ASHLD8	250146	08WHITTR	1	138	212	DEO&K	268	268	Base Case	0	75	-	28	0	0.00%	0.00%	-0.03%	
894	238914 02LRCRQ3 138 240353 02PM2Q12 138 1	238914	02LRCRQ3	240353	02PM2Q12	1	138	202	ATSI	273	332	Base Case	0	76.4	-	28	0	0.08%	0.08%	-0.02%	
895	243276 05DELCOR 138 243292 05FALL C 138 1	243276	05DELCOR	243292	05FALL C	1	138	205	AEP	223	223	Base Case	0	-62.4	-	27.97	0	-0.01%	-0.01%	0.04%	
896	243681 05CHADWICK1 138 243696 05KYELEC 138 1	243681	05CHADWICK1	243696	05KYELEC	1	138	205	AEP	219	251	Base Case	0	61.3	-	27.97	0	0.02%	0.02%	0.03%	
897	239026 02NY Q12 138 240353 02PM2Q12 138 1	239026	02NY Q12	240353	02PM2Q12	1	138	202	ATSI	273	332	Base Case	0	-76.2	-	27.91	0	0.08%	0.08%	-0.02%	
898	244936 05MCKINLEY2 138 244967 05ELLISON_BP 138 1	244936	05MCKINLEY2	244967	05ELLISON_BP	1	138	205	AEP	205	284	Base Case	0	-57.2	-	27.9	0	-0.02%	-0.02%	0.01%	
899	238684 02EASTLK 345 239036 02PERRY 345 1	238684	02EASTLK	239036	02PERRY	1	345	202	ATSI	1396	1667	Base Case	0	-389.4	-	27.9	0	0.89%	0.89%	-0.38%	
900	238535 02APQ-2 138 238811 02HO Q-2 138 1	238535	02APQ-2	238811	02HO Q-2	1	138	202	ATSI	205	265	Base Case	0	57.2	-	27.89	0	0.01%	0.01%	0.02%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
901	243262 05COLLEGE C 138 246963 05WESLSS 138 1	243262	05COLLEGE C	246963	05WESLSS	1	138	205	AEP	223	283	Base Case	0	-62.2	-	27.87	0	0.00%	0.00%	0.02%	
902	242962 05BLDBGZ 138 247278 05MILL1Z 138 1	242962	05BLDBGZ	247278	05MILL1Z	1	138	205	AEP	205	205	Base Case	0	57.1	-	27.87	0	0.02%	0.02%	0.09%	
903	243262 05COLLEGE C 138 243282 05DREWER 138 1	243262	05COLLEGE C	243282	05DREWER	1	138	205	AEP	223	310	Base Case	0	-62.1	-	27.87	0	0.00%	0.00%	0.02%	
904	238663 02DLQ-15 138 238982 02NASQ15 138 1	238663	02DLQ-15	238982	02NASQ15	1	138	202	ATSI	137	174	Base Case	0	38.2	-	27.86	0	0.02%	0.02%	0.00%	
905	243276 05DELCOR 138 245946 05MADISON2 138 1	243276	05DELCOR	245946	05MADISON2	1	138	205	AEP	223	223	Base Case	0	62	-	27.78	0	-0.01%	-0.01%	0.04%	
906	250007 08CRSNT1 138 250124 08WENDEA 138 1	250007	08CRSNT1	250124	08WENDEA	1	138	212	DEO&K	268	268	Base Case	0	74.4	-	27.78	0	0.00%	0.00%	0.06%	
907	242989 05E LIMA 138 243067 05NWOODC 138 1	242989	05E LIMA	243067	05NWOODC	1	138	205	AEP	167	240	Base Case	0	46.4	-	27.78	0	-0.08%	-0.08%	0.07%	
908	243372 05SATURN 138 243377 05SORENS 138 1	243372	05SATURN	243377	05SORENS	1	138	205	AEP	185	185	Base Case	0	-51.3	-	27.75	0	0.07%	0.07%	0.06%	
909	242769 05RIDGWY 138 306711 4DAN RIV 138 1	242769	05RIDGWY	306711	4DAN RIV	1	138	205/342	AEP/DUK	149	149	Base Case	0	-41.3	-	27.74	0	0.00%	0.00%	0.32%	
910	238921 02LTEQ11 138 239226 02STYDCOQ11 138 1	238921	02LTEQ11	239226	02STYDCOQ11	1	138	202	ATSI	425	522	Base Case	0	117.6	-	27.68	0	0.01%	0.01%	0.02%	
911	238613 02CF Q-4 138 238919 02SLTRQ4 138 1	238613	02CF Q-4	238919	02SLTRQ4	1	138	202	ATSI	273	332	Base Case	0	-75.4	-	27.62	0	-0.25%	-0.25%	-0.03%	
912	247489 05BOSSERMAN 138 255153 17MICH_CITY 138 1	247489	05BOSSERMAN	255153	17MICH_CITY	1	138	205/217	AEP/NIPS	156	156	Base Case	0	43.1	-	27.61	0	0.17%	0.17%	0.11%	
913	253089 09WMILTN 138 253139 09ELDEAN 138 1	253089	09WMILTN	253139	09ELDEAN	1	138	209	DAY	307	382	Base Case	0	84.8	-	27.61	0	-0.04%	-0.04%	0.00%	
914	242737 05OPOSSUMCK 138 242746 05PEAKVI 138 1	242737	05OPOSSUMCK	242746	05PEAKVI	1	138	205	AEP	164	180	Base Case	0	45.3	-	27.61	0	-0.01%	-0.01%	-0.07%	
915	239141 02TRACO 138 239281 02CRNBRY 138 1	239141	02TRACO	239281	02CRNBRY	1	138	202	ATSI	278	339	Base Case	0	-76.7	-	27.6	0	0.03%	0.03%	0.00%	
916	243545 05MILTON SS 138 244540 05RHODES 138 1	243545	05MILTON SS	244540	05RHODES	1	138	205	AEP	323	451	Base Case	0	-89.1	-	27.59	0	-0.06%	-0.06%	0.07%	
917	243506 05ELLIOT 138 243619 05ROSEWOODSS 138 1	243506	05ELLIOT	243619	05ROSEWOODSS	1	138	205	AEP	184	184	Base Case	0	-50.6	-	27.52	0	-0.01%	-0.01%	0.01%	
918	242684 05J.FERR 138 242760 05PROGPK 138 1	242684	05J.FERR	242760	05PROGPK	1	138	205	AEP	383	449	Base Case	0	105.2	-	27.48	0	0.06%	0.06%	0.25%	
919	242524 05CLOVRD 345 242607 05CLOVRD 138 1A	242524	05CLOVRD	242607	05CLOVRD	1A	345/138	205	AEP	500	564	Base Case	0	137.3	-	27.47	0	0.13%	0.13%	-0.27%	
920	238581 02BRBRTN 138 238629 02CLVRDL 138 1	238581	02BRBRTN	238629	02CLVRDL	1	138	202	ATSI	233	282	Base Case	0	-64	-	27.45	0	-0.02%	-0.02%	0.09%	
921	242605 05CLNCHR 138 242665 05HANSON 138 1	242605	05CLNCHR	242665	05HANSON	1	138	205	AEP	219	255	Base Case	0	60.1	-	27.45	0	-0.10%	-0.10%	-0.10%	
922	238694 02ELW.QS 138 238695 02ELW+ 138 1	238694	02ELW.QS	238695	02ELW+	1	138	202	ATSI	160	192	Base Case	0	-43.9	-	27.42	0	0.00%	0.00%	0.00%	
923	242946 05TIDD 345 243604 05TIDD_B_XFL 138 B	242946	05TIDD	243604	05TIDD_B_XFL	B	345/138	205	AEP	521	556	Base Case	0	142.8	-	27.41	0	0.03%	0.03%	-0.01%	
924	235626 01JONESB 138 242551 05BELVA 138 1	235626	01JONESB	242551	05BELVA	1	138	201/205	AP/AEP	282	367	Base Case	0	-77.3	-	27.4	0	-0.31%	-0.31%	0.04%	
925	243122 05SW LIM 138 243152 05WMOULT 138 1	243122	05SW LIM	243152	05WMOULT	1	138	205	AEP	223	223	Base Case	0	61.1	-	27.4	0	0.04%	0.04%	-0.02%	
926	238541 02AS Q-1 138 238647 02CY Q-1 138 1	238541	02AS Q-1	238647	02CY Q-1	1	138	202	ATSI	265	316	Base Case	0	72.6	-	27.39	0	-0.26%	-0.26%	-0.03%	
927	239123 02STAR 138 239142 02TUSC 138 1	239123	02STAR	239142	02TUSC	1	138	202	ATSI	233	282	Base Case	0	63.8	-	27.38	0	-0.06%	-0.06%	-0.05%	
928	242737 05OPOSSUMCK 138 242785 05S.LYNC 138 1	242737	05OPOSSUMCK	242785	05S.LYNC	1	138	205	AEP	335	392	Base Case	0	91.7	-	27.37	0	-0.04%	-0.04%	-0.38%	
929	242708 05M FUNK 138 242796 05SHAWSV 138 1	242708	05M FUNK	242796	05SHAWSV	1	138	205	AEP	167	240	Base Case	0	45.6	-	27.33	0	0.10%	0.10%	0.09%	
930	238796 02HGHLND 345 238797 02HGHLND 138 1	238796	02HGHLND	238797	02HGHLND	1	345/138	202	ATSI	614	701	Base Case	0	167.8	-	27.32	0	-0.02%	-0.02%	-0.03%	
931	238647 02CY Q-1 138 238739 02FWLSQ1 138 1	238647	02CY Q-1	238739	02FWLSQ1	1	138	202	ATSI	265	332	Base Case	0	72.3	-	27.29	0	-0.26%	-0.26%	-0.03%	
932	243676 05BELLF2 138 246887 05RAMEY 138 1	243676	05BELLF2	246887	05RAMEY	1	138	205	AEP	409	527	Base Case	0	-111.6	-	27.29	0	0.01%	0.01%	0.09%	
933	245533 05HOLLOWAY34 138 246327 05NOTTINGH78 138 1	245533	05HOLLOWAY34	246327	05NOTTINGH78	1	138	205	AEP	200	242	Base Case	0	54.5	-	27.27	0	-0.03%	-0.03%	0.05%	
934	245533 05HOLLOWAY34 138 246325 05NOTTINGH56 138 2	245533	05HOLLOWAY34	246325	05NOTTINGH56	2	138	205	AEP	200	242	Base Case	0	54.5	-	27.26	0	-0.03%	-0.03%	0.05%	
935	243257 05CALVERTZ 138 245857 05KANKAKEE1 138 1	243257	05CALVERTZ	245857	05KANKAKEE1	1	138	205	AEP	187	205	Base Case	0	50.9	-	27.24	0	0.06%	0.06%	0.03%	
936	238861 02KIRBY 138 938700 AE1-092 TAP 138 1	238861	02KIRBY	938700	AE1-092 TAP	1	138	202/209	ATSI/DAY	218	269	Base Case	0	59.4	-	27.24	0	0.08%	0.08%	0.00%	
937	239122 02STAR 345 239123 02STAR 138 3	239122	02STAR	239123	02STAR	3	345/138	202	ATSI	601	765	Base Case	0	163.4	-	27.19	0	0.00%	0.00%	-0.02%	
938	243685 05DORTON 138 244688 05BEAVER CR2 138 1	243685	05DORTON	244688	05BEAVER CR2	1	138	205	AEP	223	310	Base Case	0	60.6	-	27.18	0	0.02%	0.02%	0.16%	
939	243159 05WPHILO 138 246010 05PHILO2 138 1	243159	05WPHILO	246010	05PHILO2	1	138	205	AEP	136	167	Base Case	0	-36.9	-	27.17	0	0.13%	0.13%	0.02%	
940	238964 02MLCRK+ 138 937247 AD2-163_POI 138 1	238964	02MLCRK+	937247	AD2-163_POI	1	138	202	ATSI	152	179	Base Case	0	41.3	-	27.16	0	0.09%	0.09%	0.01%	
941	253101 09BLUJK 138 938700 AE1-092 TAP 138 1	253101	09BLUJK	938700	AE1-092 TAP	1	138	209	DAY	218	269	Base Case	0	-59.1	-	27.11	0	0.08%	0.08%	0.00%	
942	238617 02CHMBER 138 239137 02THEIS 138 1	238617	02CHMBER	239137	02THEIS	1	138	202	ATSI	200	242	Base Case	0	54.2	-	27.11	0	0.04%	0.04%	-0.03%	
943	243458 05HYATT 345 243526 05HYATT 138 7	243458	05HYATT	243526	05HYATT	7	345/138	205	AEP	576	583	Base Case	0	156.1	-	27.11	0	-0.04%	-0.04%	-0.05%	
944	243249 05BEECH 138 243385 05TWIN B 138 1	243249	05BEECH	243385	05TWIN B	1	138	205	AEP	205	284	Base Case	0	-55.5	-	27.1	0	-0.04%	-0.04%	-0.02%	
945	235406 01WEIRJT 138 243113 05STORON 138 1	235406	01WEIRJT	243113	05STORON	1	138	201/205	AP/AEP	136	167	Base Case	0	36.8	-	27.09	0	0.05%	0.05%	0.00%	
946	239134 02TANGY 138 239264 02DBP 138 1	239134	02TANGY	239264	02DBP	1	138	202	ATSI	272	339	Base Case	0	73.6	-	27.07	0	-0.03%	-0.03%	0.08%	
947	242720 05MONETA 138 242775 05ROCKCAS SS 138 1	242720	05MONETA	242775	05ROCKCAS SS	1	138	205	AEP	409	409	Base Case	0	-110.7	-	27.06	0	-0.06%	-0.06%	0.94%	
948	249566 08FOSTER 345 249582 08GARVER 345 1	249566	08FOSTER	249582	08GARVER	1	345	212	DEO&K	1509	1509	Base Case	0	-408.2	-	27.05	0	-0.82%	-0.82%	-0.63%	
949	242620 05DANVL2 138 242631 05EDAN 1 138 1	242620	05DANVL2	242631	05EDAN 1	1	138	205	AEP	275	402	Base Case	0	-74.4	-	27.04	0	0.46%	0.46%	4.58%	
950	253012 09CENTER 138 253034 09HEMPST 138 1	253012	09CENTER	253034	09HEMPST	1	138	209	DAY	191	234	Base Case	0	51.6	-	27.03	0	0.02%	0.02%	0.03%	
951	238913 02LRCRQ2 138 239046 02PN Q-2 138 1	238913	02LRCRQ2	239046	02PN Q-2	1	138	202	ATSI	115	115	Base Case	0	31.1	-	27.01	0	0.12%	0.12%	-0.04%	
952	243046 05N CROW 138 243126 05THIVENER1Z 138 1	243046	05N CROW	243126	05THIVENER1Z	1	138	205	AEP	167	245	Base Case	0	45.1	-	26.99	0	-0.02%	-0.02%	0.10%	
953	253040 09KNOLLW 138 253063 09OVERL2 138 1	253040	09KNOLLW	253063	09OVERL2	1	138	209	DAY	306	373	Base Case	0	82.6	-	26.99	0	0.07%	0.07%	0.07%	
954	243885 05THORSS 138 247558 05JARRETT 138 1	243885	05THORSS	247558	05JARRETT	1	138	205	AEP	257	330	Base Case	0	-69.3	-	26.98	0	-0.30%	-0.30%	0.05%	
955	253046 09MIAMI 138 253089 09WMILTN 138 1	253046	09MIAMI	253089	09WMILTN	1	138	209	DAY	301	330	Base Case	0	-81.2	-	26.97	0	-0.06%	-0.06%	-0.05%	
956	242533 05ABINGD 138 242605 05CLNCHR 138 1	242533	05ABINGD	242605	05CLNCHR	1	138	205	AEP	201	201	Base Case	0	-54.1	-	26.93	0	-0.03%	-0.03%	-0.15%	
957	253005 09BATH 138 253083 09TREBEI 138 1	253005	09BATH	253083	09TREBEI	1	138	209	DAY	301	375	Base Case	0	81	-	26.92	0	0.03%	0.03%	0.01%	
958	250065 08MILIKN 138 250083 08P.UN2 138 1	250065	08MILIKN	250083	08P.UN2	1	138	212	DEO&K	299	299	Base Case	0	80.5	-	26.91	0	-0.03%	-0.03%	-0.05%	
959	242773 05ROANO1 138 242774 05ROANO2 138 Z1	242773	05ROANO1	242774	05ROANO2	Z1	138	205	AEP	240	309	Base Case	0	64.6	-	26.9	0	0.03%	0.03%	0.45%	
960	239278 02BRDVIE 138 937247 AD2-163_POI 138 1	239278	02BRDVIE	937247	AD2-163_POI	1	138	202	ATSI	152	179	Base Case	0	-40.9	-	26.9	0	0.09%	0.09%	0.01%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
961	238732 02FOXQ11 138 241935 02CLINTON 138 1	238732	02FOXQ11	241935	02CLINTON	1	138	202	ATSI	347	423	Base Case	0	93.3	-	26.89	0	0.02%	0.02%	0.00%	
962	249993 08CDRVL2 138 250030 08FRDBT1 138 1	249993	08CDRVL2	250030	08FRDBT1	1	138	212	DEO&K	298	298	Base Case	0	-80.1	-	26.88	0	0.03%	0.03%	0.03%	
963	242571 05BUCKHO 138 242707 05LOWESM 138 1	242571	05BUCKHO	242707	05LOWESM	1	138	205	AEP	251	251	Base Case	0	67.4	-	26.86	0	-0.13%	-0.13%	-0.26%	
964	243669 05B SAND 138 243670 05BAKER 138 1	243669	05B SAND	243670	05BAKER	1	138	205	AEP	670	747	Base Case	0	-179.9	-	26.85	0	0.19%	0.19%	0.11%	
965	243369 05ROYERTON 138 243393 05WESDEL 138 1	243369	05ROYERTON	243393	05WESDEL	1	138	205	AEP	219	223	Base Case	0	58.8	-	26.84	0	0.02%	0.02%	0.01%	
966	238825 02IVANHO 138 238939 02MAHNGS 138 1	238825	02IVANHO	238939	02MAHNGS	1	138	202	ATSI	200	242	Base Case	0	-53.7	-	26.84	0	-0.03%	-0.03%	0.00%	
967	243539 05MARION 138 243550 05OBETZ 138 1	243539	05MARION	243550	05OBETZ	1	138	205	AEP	149	180	Base Case	0	-40	-	26.84	0	-0.05%	-0.05%	0.06%	
968	242528 05SPORN 345 247183 05MOUNTN 345 1	242528	05SPORN	247183	05MOUNTN	1	345	205	AEP	2928	3113	Base Case	0	-785.7	-	26.84	0	1.00%	1.00%	1.08%	
969	243484 05CITYCO 138 243584 05VINE 138 2	243484	05CITYCO	243584	05VINE	2	138	205	AEP	251	274	Base Case	0	-67.3	-	26.81	0	0.00%	0.00%	0.00%	
970	243221 05EUGENE 345 247712 05SULLIVAN 345 1	243221	05EUGENE	247712	05SULLIVAN	1	345	205	AEP	971	1335	Base Case	0	-260.1	-	26.78	0	0.16%	0.16%	0.28%	
971	246325 05NOTTINGH56 138 247700 05YAGER 138 1	246325	05NOTTINGH56	247700	05YAGER	1	138	205	AEP	200	241	Base Case	0	53.5	-	26.76	0	-0.03%	-0.03%	0.04%	
972	249571 08REDBK1 345 249573 08SGROVE 345 1	249571	08REDBK1	249573	08SGROVE	1	345	212	DEO&K	1509	1509	Base Case	0	-403.5	-	26.74	0	-0.02%	-0.02%	0.07%	
973	243473 05BIXBY 138 246761 05THREEC 138 1	243473	05BIXBY	246761	05THREEC	1	138	205	AEP	427	481	Base Case	0	114.1	-	26.73	0	0.00%	0.00%	0.01%	
974	239092 02SAMMIS 345 242943 05SCANTO 345 1	239092	02SAMMIS	242943	05SCANTO	1	345	202/205	ATSI/AEP	1409	1409	Base Case	0	376.2	-	26.7	0	1.37%	1.37%	-0.35%	
975	242537 05AMOS 138 242548 05BANCRO 138 1	242537	05AMOS	242548	05BANCRO	1	138	205	AEP	334	334	Base Case	0	89.1	-	26.67	0	0.04%	0.04%	0.20%	
976	239728 02BLKRVR 138 239734 02CHARLESTON 138 1	239728	02BLKRVR	239734	02CHARLESTON	1	138	202	ATSI	435	500	Base Case	0	116	-	26.67	0	-0.38%	-0.38%	-0.03%	
977	243221 05EUGENE 345 249504 08CAYSUB 345 1	243221	05EUGENE	249504	08CAYSUB	1	345	205/208	AEP/DEI	1374	1374	Base Case	0	-366.3	-	26.66	0	0.55%	0.55%	0.56%	
978	242544 05AXTON 138 242545 05AXTONX 138 ZB	242544	05AXTON	242545	05AXTONX	ZB	138	205	AEP	696	747	Base Case	0	-185.6	-	26.66	0	-0.55%	-0.55%	-4.32%	
979	242725 05MTAIRY 138 242859 05WYTHE2 138 1	242725	05MTAIRY	242859	05WYTHE2	1	138	205	AEP	205	284	Base Case	0	54.6	-	26.64	0	-0.19%	-0.19%	-0.33%	
980	239063 02REYNOD 138 239110 02SIL_AV+ 138 1	239063	02REYNOD	239110	02SIL_AV+	1	138	202	ATSI	278	343	Base Case	0	-74	-	26.6	0	-0.06%	-0.06%	0.01%	
981	243383 05TILLMA 138 246950 05TIMBSS 138 1	243383	05TILLMA	246950	05TIMBSS	1	138	205	AEP	283	355	Base Case	0	75.3	-	26.59	0	-0.16%	-0.16%	-0.04%	
982	242522 05AMOS 345 247504 05AMOS_5_XFL 345 Z5	242522	05AMOS	247504	05AMOS_5_XFL	Z5	345	205	AEP	1740	2034	Base Case	0	-462.5	-	26.58	0	-0.24%	-0.24%	-0.17%	
983	242537 05AMOS 138 242823 05TACKCR 138 1	242537	05AMOS	242823	05TACKCR	1	138	205	AEP	296	296	Base Case	0	78.7	-	26.57	0	-0.06%	-0.06%	-0.07%	
984	242669 05HOLST1 138 242829 05TENNE1 138 1	242669	05HOLST1	242829	05TENNE1	1	138	205	AEP	68	68	Base Case	0	18	-	26.54	0	0.00%	0.00%	-0.02%	
985	250139 08ROCKIE 138 250149 08TP5381 138 Z1	250139	08ROCKIE	250149	08TP5381	Z1	138	212	DEO&K	486	502	Base Case	0	128.9	-	26.52	0	-0.06%	-0.06%	-0.06%	
986	242688 05JOSHUA 138 242772 05RIVERV 138 1	242688	05JOSHUA	242772	05RIVERV	1	138	205	AEP	296	413	Base Case	0	78.5	-	26.5	0	-0.14%	-0.14%	-0.40%	
987	253078 09SUGRCK 138 253255 09GEBHRT 138 1	253078	09SUGRCK	253255	09GEBHRT	1	138	209	DAY	196	241	Base Case	0	51.9	-	26.47	0	0.07%	0.07%	0.04%	
988	242952 05SHEPLER SS 138 243097 05SECANT 138 1	242952	05SHEPLER SS	243097	05SECANT	1	138	205	AEP	296	296	Base Case	0	-78.3	-	26.46	0	0.07%	0.07%	-0.02%	
989	238544 02ASH_3 138 238548 02ATCQ31 138 1	238544	02ASH_3	238548	02ATCQ31	1	138	202	ATSI	72	135	Base Case	0	19	-	26.45	0	0.00%	0.00%	0.00%	
990	250098 08SHAKER 138 250149 08TP5381 138 1	250098	08SHAKER	250149	08TP5381	1	138	212	DEO&K	486	502	Base Case	0	-128.6	-	26.45	0	-0.06%	-0.06%	-0.06%	
991	238889 02LEMOYN 345 238890 02LEMOYN 138 2	238889	02LEMOYN	238890	02LEMOYN	2	345/138	202	ATSI	361	412	Base Case	0	95.5	-	26.44	0	-0.02%	-0.02%	0.02%	
992	242949 05WMILLP 345 243459 05KIRK 345 1	242949	05WMILLP	243459	05KIRK	1	345	205	AEP	1132	1132	Base Case	0	299.1	-	26.42	0	0.87%	0.87%	0.12%	
993	238958 02MFLDQ3 138 239039 02PGTP11 138 1	238958	02MFLDQ3	239039	02PGTP11	1	138	202	ATSI	103	133	Base Case	0	-27.2	-	26.42	0	0.12%	0.12%	-0.03%	
994	238615 02CHAMBR 345 238617 02CHMBER 138 3	238615	02CHAMBR	238617	02CHMBER	3	345/138	202	ATSI	516	574	Base Case	0	135.9	-	26.34	0	0.06%	0.06%	-0.04%	
995	238906 02LNGVEW 138 239217 02REEDSB 138 1	238906	02LNGVEW	239217	02REEDSB	1	138	202	ATSI	141	182	Base Case	0	-37.1	-	26.32	0	0.14%	0.14%	0.04%	
996	242992 05E WHEE 138 243124 05TEXEAS 138 1	242992	05E WHEE	243124	05TEXEAS	1	138	205	AEP	97	97	Base Case	0	25.5	-	26.32	0	0.00%	0.00%	0.00%	
997	243277 05DERBY 138 243335 05MAIN S 138 1	243277	05DERBY	243335	05MAIN S	1	138	205	AEP	205	205	Base Case	0	-53.9	-	26.3	0	0.07%	0.07%	0.02%	
998	242652 05GOMING 138 242719 05MONEL 138 1	242652	05GOMING	242719	05MONEL	1	138	205	AEP	388	409	Base Case	0	101.9	-	26.28	0	-0.06%	-0.06%	-0.50%	
999	238614 02CFQ-14 138 238702 02ERQ-14 138 1	238614	02CFQ-14	238702	02ERQ-14	1	138	202	ATSI	273	332	Base Case	0	71.7	-	26.26	0	-0.15%	-0.15%	-0.02%	
1000	250092 08REDBK1 138 250114 08TP7481 138 1	250092	08REDBK1	250114	08TP7481	1	138	212	DEO&K	370	370	Base Case	0	97.2	-	26.26	0	0.03%	0.03%	0.03%	
1001	249989 08BKJ246 138 250025 08FLDMN1 138 1	249989	08BKJ246	250025	08FLDMN1	1	138	212	DEO&K	299	299	Base Case	0	78.5	-	26.25	0	0.01%	0.01%	0.03%	
1002	238889 02LEMOYN 345 238890 02LEMOYN 138 1	238889	02LEMOYN	238890	02LEMOYN	1	345/138	202	ATSI	362	415	Base Case	0	95	-	26.23	0	-0.02%	-0.02%	0.02%	
1003	238717 02-5POINT+ 138 239371 02DOWLING 138 1	238717	02-5POINT+	239371	02DOWLING	1	138	202	ATSI	288	353	Base Case	0	-75.5	-	26.2	0	0.05%	0.05%	0.01%	
1004	238549 02AVERY 138 239108 02SHNROK 138 1	238549	02AVERY	239108	02SHNROK	1	138	202	ATSI	233	282	Base Case	0	61.1	-	26.2	0	-0.25%	-0.25%	-0.04%	
1005	242992 05E WHEE 138 243968 05IRONWOODSS 138 1	242992	05E WHEE	243968	05IRONWOODSS	1	138	205	AEP	167	167	Base Case	0	-43.7	-	26.19	0	0.05%	0.05%	0.13%	
1006	243505 05ELKEM 138 243564 05RIVERV N. 138 1	243505	05ELKEM	243564	05RIVERV N.	1	138	205	AEP	240	282	Base Case	0	-62.9	-	26.19	0	0.00%	0.00%	0.00%	
1007	238702 02ERQ-14 138 238711 02EYTP14 138 1	238702	02ERQ-14	238711	02EYTP14	1	138	202	ATSI	273	332	Base Case	0	71.5	-	26.19	0	-0.15%	-0.15%	-0.02%	
1008	243052 05NECANT 138 243072 05PACKARD 138 1	243052	05NECANT	243072	05PACKARD	1	138	205	AEP	205	205	Base Case	0	53.7	-	26.18	0	0.03%	0.03%	0.01%	
1009	238700 02EPWRTH 138 239141 02TRACO 138 1	238700	02EPWRTH	239141	02TRACO	1	138	202	ATSI	278	339	Base Case	0	-72.8	-	26.17	0	0.03%	0.03%	0.00%	
1010	246102 05CARROLLTN2 138 247016 05GABLSS 138 1	246102	05CARROLLTN2	247016	05GABLSS	1	138	205	AEP	358	421	Base Case	0	-93.5	-	26.11	0	0.10%	0.10%	0.01%	
1011	243483 05CRCLVS 138 246889 05BIERSR 138 1	243483	05CRCLVS	246889	05BIERSR	1	138	205	AEP	389	559	Base Case	0	-101.5	-	26.09	0	-0.02%	-0.02%	0.07%	
1012	243319 05JAY 138 253250 09FTRECV 138 1	243319	05JAY	253250	09FTRECV	1	138	205/209	AEP/DAY	301	375	Base Case	0	78.5	-	26.08	0	-0.08%	-0.08%	-0.03%	
1013	243242 05ALLEN 138 243334 05MAGLEY 138 1	243242	05ALLEN	243334	05MAGLEY	1	138	205	AEP	257	341	Base Case	0	67	-	26.08	0	0.00%	0.00%	-0.06%	
1014	242671 05HOPKIN 138 242672 05HOPKINSX 138 SR	242671	05HOPKIN	242672	05HOPKINSX	SR	138	205	AEP	248	248	Base Case	0	-64.7	-	26.08	0	-0.01%	-0.01%	-0.19%	
1015	242609 05CLYTR2 138 242634 05EDGEMO 138 1	242609	05CLYTR2	242634	05EDGEMO	1	138	205	AEP	167	240	Base Case	0	43.5	-	26.06	0	-0.11%	-0.11%	-0.07%	
1016	243206 05DUMONT 765 246999 05SORENS 765 1	243206	05DUMONT	246999	05SORENS	1	765	205	AEP	4142	4142	Base Case	0	1077.6	-	26.02	0	-4.38%	-4.38%	-2.90%	
1017	238578 02BORDMN 138 239369 02TORONTO 138 1	238578	02BORDMN	239369	02TORONTO	1	138	202	ATSI	187	191	Base Case	0	-48.5	-	25.96	0	0.02%	0.02%	0.04%	
1018	242697 05KUMIS 138 242731 05NBLACK 138 1	242697	05KUMIS	242731	05NBLACK	1	138	205	AEP	205	205	Base Case	0	53.2	-	25.96	0	0.12%	0.12%	0.22%	
1019	238842 02JNPRQ3 138 239051 02PV Q3 138 1	238842	02JNPRQ3	239051	02PV Q3	1	138	202	ATSI	273	332	Base Case	0	70.8	-	25.95	0	0.12%	0.12%	0.00%	
1020	243322 05KENZIE 138 245259 05EDLOWE 138 1	243322	05KENZIE	245259	05EDLOWE	1	138	205	AEP	293	341	Base Case	0	76	-	25.92	0	-0.02%	-0.02%	-0.02%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1021	238708 02EVRGRN 138 239321 02RSYSOH 138 1	238708	02EVRGRN	239321	02RSYSOH	1	138	202	ATSI	200	242	Base Case	0	51.8	-	25.9	0	-0.01%	-0.01%	0.00%	
1022	238621 02CL Q13 138 240348 02GROVWDQ13 138 ZB	238621	02CL Q13	240348	02GROVWDQ13	ZB	138	202	ATSI	110	138	Base Case	0	-28.5	-	25.87	0	0.00%	0.00%	0.00%	
1023	242630 05E.RIVE 138 242784 05S.BLUE 138 1	242630	05E.RIVE	242784	05S.BLUE	1	138	205	AEP	205	205	Base Case	0	-53	-	25.85	0	-0.08%	-0.08%	-0.08%	
1024	235363 01MAHNSL 138 243347 05TIDD 3-4 138 1	235363	01MAHNSL	243347	05TIDD 3-4	1	138	201/205	AP/AEP	187	205	Base Case	0	-48.3	-	25.84	0	-0.53%	-0.53%	-0.02%	
1025	238502 02BRIM 138 238890 02LEMOYN 138 1	238502	02BRIM	238890	02LEMOYN	1	138	202	ATSI	252	291	Base Case	0	-65.1	-	25.84	0	0.05%	0.05%	0.01%	
1026	242607 05CLOVRD 138 243892 05MEADS8 138 1	242607	05CLOVRD	243892	05MEADS8	1	138	205	AEP	348	407	Base Case	0	-89.9	-	25.83	0	-0.06%	-0.06%	0.94%	
1027	239154 02W.FREM 138 240813 02GROTON 138 1	239154	02W.FREM	240813	02GROTON	1	138	202	ATSI	278	339	Base Case	0	71.8	-	25.83	0	-0.24%	-0.24%	-0.04%	
1028	238617 02CHMBER 138 239010 02NORDON 138 1	238617	02CHMBER	239010	02NORDON	1	138	202	ATSI	200	242	Base Case	0	51.6	-	25.81	0	0.08%	0.08%	-0.02%	
1029	238823 02INQ-14 138 240284 02LKSHQ4 138 1	238823	02INQ-14	240284	02LKSHQ4	1	138	202	ATSI	267	352	Base Case	0	68.9	-	25.8	0	0.13%	0.13%	-0.01%	
1030	242675 05HUFFMN 138 242755 05PIPERS 138 1	242675	05HUFFMN	242755	05PIPERS	1	138	205	AEP	277	277	Base Case	0	71.4	-	25.77	0	0.03%	0.03%	0.07%	
1031	243292 05FALL C 138 243333 05MADISON1 138 1	243292	05FALL C	243333	05MADISON1	1	138	205	AEP	251	251	Base Case	0	64.6	-	25.74	0	-0.01%	-0.01%	0.04%	
1032	243080 05RILEYC 138 247000 05YELLOW CK1 138 1	243080	05RILEYC	247000	05YELLOW CK1	1	138	205	AEP	223	223	Base Case	0	57.4	-	25.73	0	0.06%	0.06%	0.10%	
1033	242648 05GARDEC 138 242661 05HALES1 138 1	242648	05GARDEC	242661	05HALES1	1	138	205	AEP	219	223	Base Case	0	56.3	-	25.72	0	-0.10%	-0.10%	-0.01%	
1034	243109 05STEUBN 138 243127 05TIDD 1-2 138 1	243109	05STEUBN	243127	05TIDD 1-2	1	138	205	AEP	164	180	Base Case	0	-42.2	-	25.72	0	0.01%	0.01%	-0.01%	
1035	238610 02CDR ST 138 238706 02EU TAP 138 1	238610	02CDR ST	238706	02EU TAP	1	138	202	ATSI	299	360	Base Case	0	-76.8	-	25.67	0	0.20%	0.20%	-0.01%	
1036	242513 05CULLOD 765 242517 05WYOMIN 765 1	242513	05CULLOD	242517	05WYOMIN	1	765	205	AEP	4047	4142	Base Case	0	1038.1	-	25.65	0	-2.12%	-2.12%	-10.11%	
1037	242774 05ROANO2 138 247631 05BENNINGTON 138 1	242774	05ROANO2	247631	05BENNINGTON	1	138	205	AEP	240	309	Base Case	0	-61.6	-	25.65	0	0.10%	0.10%	-0.22%	
1038	239321 02RSYSOH 138 240068 02STAR_FORGE 138 1	239321	02RSYSOH	240068	02STAR_FORGE	1	138	202	ATSI	200	242	Base Case	0	51.2	-	25.59	0	-0.01%	-0.01%	0.00%	
1039	253077 09STUART 345 253100 09ATLNTA 345 1	253077	09STUART	253100	09ATLNTA	1	345	209	DAY	1195	1195	Base Case	0	305.7	-	25.58	0	-0.56%	-0.56%	0.06%	
1040	238615 02CHAMBR 345 238617 02CHMBER 138 4	238615	02CHAMBR	238617	02CHMBER	4	345/138	202	ATSI	516	574	Base Case	0	132	-	25.58	0	0.06%	0.06%	-0.04%	
1041	238746 02GALION 138 238891 02LESIDE 138 1	238746	02GALION	238891	02LESIDE	1	138	202	ATSI	251	290	Base Case	0	64.1	-	25.55	0	-0.24%	-0.24%	0.04%	
1042	243050 05NBELVL 138 247278 05MILL1Z 138 1	243050	05NBELVL	247278	05MILL1Z	1	138	205	AEP	187	240	Base Case	0	-47.8	-	25.54	0	0.02%	0.02%	0.09%	
1043	238684 02EASTLK 345 238685 02EASTLK 138 61	238684	02EASTLK	238685	02EASTLK	61	345/138	202	ATSI	906	1006	Base Case	0	231.3	-	25.53	0	0.10%	0.10%	-0.04%	
1044	242699 05LAVALT 138 244462 05SHOALS 138 1	242699	05LAVALT	244462	05SHOALS	1	138	205	AEP	251	309	Base Case	0	-64	-	25.51	0	-0.05%	-0.05%	-0.14%	
1045	242994 05EAMSTD 138 247704 05PANDA RDSS 138 1	242994	05EAMSTD	247704	05PANDA RDSS	1	138	205	AEP	336	393	Base Case	0	85.6	-	25.49	0	0.10%	0.10%	0.02%	
1046	243024 05HOWARD 138 243100 05SHELGH 138 1	243024	05HOWARD	243100	05SHELGH	1	138	205	AEP	72	76	Base Case	0	18.3	-	25.46	0	0.00%	0.00%	0.00%	
1047	242539 05ANGLBR 138 242814 05ST.ALB 138 1	242539	05ANGLBR	242814	05ST.ALB	1	138	205	AEP	287	337	Base Case	0	-72.8	-	25.37	0	-0.01%	-0.01%	-0.19%	
1048	242619 05DANVL1 138 242620 05DANVL2 138 Z1	242619	05DANVL1	242620	05DANVL2	Z1	138	205	AEP	287	337	Base Case	0	-72.8	-	25.37	0	0.16%	0.16%	1.65%	
1049	242555 05BLAINE 138 242843 05WLAKE 138 1	242555	05BLAINE	242843	05WLAKE	1	138	205	AEP	287	337	Base Case	0	-72.8	-	25.36	0	0.00%	0.00%	0.39%	
1050	242512 05CLOVRD 765 242515 05JOSHUA 765 1	242512	05CLOVRD	242515	05JOSHUA	1	765	205	AEP	1180	1180	Base Case	0	298.9	-	25.33	0	-0.19%	-0.19%	-1.79%	
1051	246751 05VASSEL 765 270162 AB2-067 TAP 765 1	246751	05VASSEL	270162	AB2-067 TAP	1	765	205	AEP	4047	4571	Base Case	0	-1023.8	-	25.3	0	5.48%	5.48%	1.12%	
1052	238951 02MBQ-14 138 241925 02ELQ5 138 1	238951	02MBQ-14	241925	02ELQ5	1	138	202	ATSI	324	382	Base Case	0	-82	-	25.29	0	0.12%	0.12%	-0.04%	
1053	238715 02FERNWY 138 239281 02CRNBRY 138 1	238715	02FERNWY	239281	02CRNBRY	1	138	202	ATSI	278	339	Base Case	0	-70.3	-	25.28	0	0.03%	0.03%	0.00%	
1054	242937 05KAMMER 345 242948 05WBELLA 345 1	242937	05KAMMER	242948	05WBELLA	1	345	205	AEP	1740	1868	Base Case	0	439.7	-	25.27	0	-1.74%	-1.74%	1.00%	
1055	243229 05OLIVE 345 243918 05ELDERBERRY 345 1	243229	05OLIVE	243918	05ELDERBERRY	1	345	205	AEP	1188	1539	Base Case	0	-299.9	-	25.25	0	0.52%	0.52%	0.29%	
1056	243473 05BIXBY 138 244232 05SHANONRSS8 138 1	243473	05BIXBY	244232	05SHANONRSS8	1	138	205	AEP	329	350	Base Case	0	83	-	25.22	0	-0.01%	-0.01%	0.01%	
1057	243453 05BEATTY 345 244022 05COLE 345 1	243453	05BEATTY	244022	05COLE	1	345	205	AEP	1096	1203	Base Case	0	276.4	-	25.22	0	-0.55%	-0.55%	-0.03%	
1058	243560 05ROBERT 138 243582 05TRABUE 138 1	243560	05ROBERT	243582	05TRABUE	1	138	205	AEP	223	310	Base Case	0	56.1	-	25.15	0	0.04%	0.04%	0.00%	
1059	250023 08EVNDL2 138 250118 08TRMNL2 138 1	250023	08EVNDL2	250118	08TRMNL2	1	138	212	DEO&K	408	408	Base Case	0	-102.4	-	25.11	0	-0.01%	-0.01%	0.03%	
1060	243257 05CALVERTZ 138 243318 05JACKSON RD 138 1	243257	05CALVERTZ	243318	05JACKSON RD	1	138	205	AEP	205	205	Base Case	0	-51.4	-	25.1	0	0.06%	0.06%	0.03%	
1061	238783 02HARDIN 345 238793 02HDGQ12 138 2	238783	02HARDIN	238793	02HDGQ12	2	345/138	202	ATSI	429	484	Base Case	0	107.6	-	25.08	0	0.07%	0.07%	0.01%	
1062	243457 05HAYDEN 345 243461 05ROBRT1 345 1	243457	05HAYDEN	243461	05ROBRT1	1	345	205	AEP	1025	1318	Base Case	0	257.1	-	25.08	0	-0.06%	-0.06%	-0.04%	
1063	242725 05MTAIRY 138 242780 05RURALR 138 1	242725	05MTAIRY	242780	05RURALR	1	138	205	AEP	251	335	Base Case	0	-62.8	-	25.03	0	-0.19%	-0.19%	-0.33%	
1064	249578 08HILCRT 345 253077 09STUART 345 1	249578	08HILCRT	253077	09STUART	1	345	212/209	DEO&K/DAY	1255	1374	Base Case	0	-314	-	25.02	0	0.23%	0.23%	0.30%	
1065	243150 05WMILLP 138 243510 05GAHANN 138 1	243150	05WMILLP	243510	05GAHANN	1	138	205	AEP	219	255	Base Case	0	54.8	-	25.01	0	0.05%	0.05%	0.01%	
1066	243554 05PORTER 138 243573 05SHELL 138 1	243554	05PORTER	243573	05SHELL	1	138	205	AEP	109	133	Base Case	0	27.3	-	25.01	0	0.00%	0.00%	0.00%	
1067	242608 05CLYTR1 138 247869 05CLAYTR HY1 138 1	242608	05CLYTR1	247869	05CLAYTR HY1	1	138	205	AEP	120	151	Base Case	0	-30	-	25.01	0	-0.02%	-0.02%	-0.02%	
1068	243214 05COLNGW 345 255105 17HIPLE 345 1	243214	05COLNGW	255105	17HIPLE	1	345	205/217	AEP/NIPS	1409	1409	Base Case	0	-352	-	24.98	0	-0.59%	-0.59%	-0.41%	
1069	243247 05AUBURN 138 247106 05VARNER 138 1	243247	05AUBURN	247106	05VARNER	1	138	205	AEP	257	360	Base Case	0	-64.2	-	24.97	0	0.01%	0.01%	0.00%	
1070	242516 05MOUNTN 765 242923 05GAVIN 765 1	242516	05MOUNTN	242923	05GAVIN	1	765	205	AEP	4047	4571	Base Case	0	-1009.3	-	24.94	0	-4.01%	-4.01%	0.18%	
1071	242964 05BOLIVA 138 243092 05SCANTO 138 1	242964	05BOLIVA	243092	05SCANTO	1	138	205	AEP	291	291	Base Case	0	-72.6	-	24.93	0	0.42%	0.42%	-0.10%	
1072	243361 05RABER 138 243372 05SATURN 138 1	243361	05RABER	243372	05SATURN	1	138	205	AEP	185	185	Base Case	0	-46	-	24.86	0	0.07%	0.07%	0.06%	
1073	242865 05JEFRSO 345 248000 06CLIFTY 345 Z1	242865	05JEFRSO	248000	06CLIFTY	Z1	345	205/206	AEP/OVEC	1868	1868	Base Case	0	464.2	-	24.85	0	-0.08%	-0.08%	-0.15%	
1074	243353 05OLIVE 138 244173 05SILVER LAK 138 1	243353	05OLIVE	244173	05SILVER LAK	1	138	205	AEP	223	310	Base Case	0	55.4	-	24.85	0	0.08%	0.08%	0.05%	
1075	238568 02BAYSHO 138 241945 AB1-107 TAP 138 1	238568	02BAYSHO	241945	AB1-107 TAP	1	138	202	ATSI	278	342	Base Case	0	-69	-	24.83	0	-0.18%	-0.18%	-0.11%	
1076	243205 05COOK 765 243206 05DUMONT 765 1	243205	05COOK	243206	05DUMONT	1	765	205	AEP	4047	4571	Base Case	0	1004.7	-	24.83	0	-0.62%	-0.62%	-1.05%	
1077	243507 05FIFTH 138 245853 05HESS SOUTH 138 1	243507	05FIFTH	245853	05HESS SOUTH	1	138	205	AEP	187	207	Base Case	0	46.4	-	24.82	0	-0.07%	-0.07%	-0.01%	
1078	238831 02IWQ-17 138 238843 02JNPRQ4 138 1	238831	02IWQ-17	238843	02JNPRQ4	1	138	202	ATSI	273	332	Base Case	0	-67.7	-	24.8	0	-0.05%	-0.05%	0.02%	
1079	250081 08OAKLEY 138 250110 08CENTRL 138 1	250081	08OAKLEY	250110	08CENTRL	1	138	212	DEO&K	205	205	Base Case	0	50.8	-	24.79	0	0.03%	0.03%	0.01%	
1080	243457 05HAYDEN 345 243460 05ROBRT2 345 2	243457	05HAYDEN	243460	05ROBRT2	2	345	205	AEP	1025	1318	Base Case	0	254	-	24.78	0	-0.06%	-0.06%	-0.04%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1081	243265 05COREY 138 245259 05EDLOWE 138 1	243265	05COREY	245259	05EDLOWE	1	138	205	AEP	296	398	Base Case	0	-73.2	-	24.73	0	-0.02%	-0.02%	-0.02%	
1082	242979 05CANNELV SS 138 242986 05CROOKS 138 1	242979	05CANNELV SS	242986	05CROOKS	1	138	205	AEP	187	240	Base Case	0	46.2	-	24.72	0	0.23%	0.23%	-0.10%	
1083	242636 05FALLBR 138 242796 05SHAWSV 138 1	242636	05FALLBR	242796	05SHAWSV	1	138	205	AEP	167	240	Base Case	0	-41.2	-	24.7	0	0.10%	0.10%	0.09%	
1084	238850 02JUNIPE 345 239122 02STAR 345 1	238850	02JUNIPE	239122	02STAR	1	345	202	ATSI	1534	1891	Base Case	0	-378.7	-	24.69	0	-0.50%	-0.50%	0.52%	
1085	238781 02HANNA 345 238941 02MANSFD 345 1	238781	02HANNA	238941	02MANSFD	1	345	202	ATSI	1380	1646	Base Case	0	-340.3	-	24.66	0	0.46%	0.46%	0.04%	
1086	243023 05HOCKNG 138 243531 05KIMBRY 138 1	243023	05HOCKNG	243531	05KIMBRY	1	138	205	AEP	223	310	Base Case	0	-55	-	24.65	0	-0.03%	-0.03%	0.09%	
1087	238884 02LEMO K 138 240990 02HOMEDEPOT 138 1	238884	02LEMO K	240990	02HOMEDEPOT	1	138	202	ATSI	160	192	Base Case	0	39.4	-	24.64	0	0.08%	0.08%	0.01%	
1088	242528 05SPORN 345 242947 05WATERFORD 345 1	242528	05SPORN	242947	05WATERFORD	1	345	205	AEP	1239	1566	Base Case	0	305.2	-	24.64	0	-0.72%	-0.72%	1.08%	
1089	242547 05BAILS2 138 242855 05WYOMIN 138 2	242547	05BAILS2	242855	05WYOMIN	2	138	205	AEP	388	484	Base Case	0	-95.5	-	24.61	0	0.01%	0.01%	-0.04%	
1090	242708 05M FUNK 138 247470 05MFUNK2_XFL 138 Z2	242708	05M FUNK	247470	05MFUNK2_XFL	Z2	138	205	AEP	696	747	Base Case	0	-171.2	-	24.6	0	0.05%	0.05%	-0.38%	
1091	243127 05TIDD 1-2 138 245389 05TIDD_B_X 138 SR	243127	05TIDD 1-2	245389	05TIDD_B_X	SR	138	205	AEP	580	580	Base Case	0	-142.6	-	24.59	0	0.03%	0.03%	-0.01%	
1092	243127 05TIDD 1-2 138 243129 05TIDD_C_X 138 SR	243127	05TIDD 1-2	243129	05TIDD_C_X	SR	138	205	AEP	580	580	Base Case	0	-142.6	-	24.59	0	0.03%	0.03%	-0.01%	
1093	242614 05COLLINV SS 138 242638 05FIELDALE1 138 1	242614	05COLLINV SS	242638	05FIELDALE1	1	138	205	AEP	296	398	Base Case	0	72.7	-	24.57	0	-0.04%	-0.04%	0.30%	
1094	242537 05AMOS 138 242836 05TURNE1 138 1	242537	05AMOS	242836	05TURNE1	1	138	205	AEP	296	296	Base Case	0	72.7	-	24.57	0	-0.06%	-0.06%	-0.07%	
1095	238848 02JRDQ11 138 239324 02CH 138 1	238848	02JRDQ11	239324	02CH	1	138	202	ATSI	265	316	Base Case	0	-65.1	-	24.56	0	-0.08%	-0.08%	0.03%	
1096	238563 02BAY SH 345 238654 02DAV-BE 345 1	238563	02BAY SH	238654	02DAV-BE	1	345	202	ATSI	1542	1878	Base Case	0	378.4	-	24.54	0	-1.64%	-1.64%	-0.17%	
1097	242682 05JIM BRANCH 138 247152 05GARY 138 1	242682	05JIM BRANCH	247152	05GARY	1	138	205	AEP	296	398	Base Case	0	72.5	-	24.5	0	-0.11%	-0.11%	-0.29%	
1098	238708 02EVRGRN 138 238797 02HGHLND 138 2	238708	02EVRGRN	238797	02HGHLND	2	138	202	ATSI	200	242	Base Case	0	-49	-	24.49	0	-0.04%	-0.04%	0.00%	
1099	238708 02EVRGRN 138 238797 02HGHLND 138 1	238708	02EVRGRN	238797	02HGHLND	1	138	202	ATSI	200	242	Base Case	0	-49	-	24.49	0	-0.04%	-0.04%	0.00%	
1100	243219 05DUMONT 345 246955 05OLIVE_BP 345 1	243219	05DUMONT	246955	05OLIVE_BP	1	345	205	AEP	897	897	Base Case	0	219.6	-	24.48	0	-0.44%	-0.44%	-0.33%	
1101	243222 05FALL C 345 249515 08NOBLSV 345 1	243222	05FALL C	249515	08NOBLSV	1	345	205/208	AEP/DEI	911	956	Base Case	0	-223	-	24.48	0	-0.20%	-0.20%	0.12%	
1102	239725 02LAKEAVE 345 239726 02LAKEAVE 138 2	239725	02LAKEAVE	239726	02LAKEAVE	2	345/138	202	ATSI	620	740	Base Case	0	151.7	-	24.46	0	-0.10%	-0.10%	-0.04%	
1103	243232 05SORENS 345 246955 05OLIVE_BP 345 1	243232	05SORENS	246955	05OLIVE_BP	1	345	205	AEP	897	897	Base Case	0	-219.3	-	24.45	0	-0.44%	-0.44%	-0.33%	
1104	249990 08BROWN 138 250167 08DEO_STUART 138 1	249990	08BROWN	250167	08DEO_STUART	1	138	212	DEO&K	275	275	Base Case	0	-67.2	-	24.45	0	0.04%	0.04%	0.04%	
1105	239725 02LAKEAVE 345 239726 02LAKEAVE 138 1	239725	02LAKEAVE	239726	02LAKEAVE	1	345/138	202	ATSI	621	740	Base Case	0	151.7	-	24.42	0	-0.10%	-0.10%	-0.04%	
1106	242983 05CHANDLERVZ 138 243074 05PHILO1 138 1	242983	05CHANDLERVZ	243074	05PHILO1	1	138	205	AEP	187	240	Base Case	0	-45.7	-	24.42	0	-0.47%	-0.47%	0.10%	
1107	250106 08TODHJT 138 253057 09OHH 138 1	250106	08TODHJT	253057	09OHH	1	138	212/209	DEO&K/DAY	221	272	Base Case	0	54	-	24.42	0	-0.09%	-0.09%	-0.04%	
1108	238508 02EBER 138 239128 02SWANTN 138 1	238508	02EBER	239128	02SWANTN	1	138	202	ATSI	278	343	Base Case	0	-67.7	-	24.35	0	-0.04%	-0.04%	0.01%	
1109	238640 02CRISS 138 239264 02DBP 138 1	238640	02CRISS	239264	02DBP	1	138	202	ATSI	278	339	Base Case	0	-67.7	-	24.34	0	-0.03%	-0.03%	0.08%	
1110	243024 05HOWARD 138 243050 05NBELVL 138 1	243024	05HOWARD	243050	05NBELVL	1	138	205	AEP	136	167	Base Case	0	-33.1	-	24.34	0	0.02%	0.02%	0.09%	
1111	243604 05TIDD_B_XFL 138 245389 05TIDD_B_X 138 B	243604	05TIDD_B_XFL	245389	05TIDD_B_X	B	138	205	AEP	586	598	Base Case	0	142.6	-	24.34	0	0.03%	0.03%	-0.01%	
1112	238546 02ASQ-11 138 238743 02ER-DNB+Q11 138 1	238546	02ASQ-11	238743	02ER-DNB+Q11	1	138	202	ATSI	260	309	Base Case	0	63.3	-	24.34	0	-0.19%	-0.19%	-0.02%	
1113	243122 05SW LIM 138 243136 05W LIMA 138 1	243122	05SW LIM	243136	05W LIMA	1	138	205	AEP	348	388	Base Case	0	84.6	-	24.31	0	-0.02%	-0.02%	0.12%	
1114	243349 05NEW CARLI2 138 243359 05PINERD 138 1	243349	05NEW CARLI2	243359	05PINERD	1	138	205	AEP	187	233	Base Case	0	45.5	-	24.31	0	-0.10%	-0.10%	-0.06%	
1115	249736 08GRDALE 138 250057 08M.FORT 138 1	249736	08GRDALE	250057	08M.FORT	1	138	208/212	DEI/DEO&K	486	486	Base Case	0	117.9	-	24.26	0	-0.05%	-0.05%	0.27%	
1116	243667 05STINNE 161 360452 5PINEVILL KY 161 1	243667	05STINNE	360452	5PINEVILL KY	1	161	205/347	AEP/TVA	208	208	Base Case	0	-50.4	-	24.25	0	-0.03%	-0.03%	0.05%	
1117	242629 05E.MONU 138 242632 05EDAN 2 138 1	242629	05E.MONU	242632	05EDAN 2	1	138	205	AEP	251	335	Base Case	0	-60.8	-	24.23	0	0.03%	0.03%	0.33%	
1118	243118 05SUMMER 138 247757 05HERLAN SW 138 1	243118	05SUMMER	247757	05HERLAN SW	1	138	205	AEP	205	284	Base Case	0	-49.6	-	24.2	0	0.11%	0.11%	-0.02%	
1119	242520 05J.FERR 500 242514 05J.FERR 765 1	242520	05J.FERR	242514	05J.FERR	1	500/765	205	AEP	1635	1845	Base Case	0	395.6	-	24.19	0	0.47%	0.47%	9.26%	
1120	238586 02BRKSID 138 238938 02MADISN 138 1	238586	02BRKSID	238938	02MADISN	1	138	202	ATSI	153	192	Base Case	0	37	-	24.18	0	0.11%	0.11%	-0.04%	
1121	238906 02LNGVEW 138 239196 02ARM+BU 138 1	238906	02LNGVEW	239196	02ARM+BU	1	138	202	ATSI	225	295	Base Case	0	-54.4	-	24.16	0	-0.26%	-0.26%	0.03%	
1122	243322 05KENZIE 138 939390 AE1-170 POI 138 1	243322	05KENZIE	939390	AE1-170 POI	1	138	205	AEP	296	361	Base Case	0	71.5	-	24.15	0	-0.01%	-0.01%	0.00%	
1123	243261 05COLBYTAPSS 138 939390 AE1-170 POI 138 1	243261	05COLBYTAPSS	939390	AE1-170 POI	1	138	205	AEP	296	361	Base Case	0	-71.5	-	24.15	0	-0.01%	-0.01%	0.00%	
1124	243542 05MIFFIN 138 243575 05ST.CLR 138 1	243542	05MIFFIN	243575	05ST.CLR	1	138	205	AEP	209	209	Base Case	0	50.4	-	24.14	0	0.07%	0.07%	0.00%	
1125	243250 05BENTON 138 243271 05CRYSTA 138 1	243250	05BENTON	243271	05CRYSTA	1	138	205	AEP	296	361	Base Case	0	71.3	-	24.1	0	0.05%	0.05%	0.00%	
1126	249998 08CMMSVL 138 250072 08MTCHL1 138 1	249998	08CMMSVL	250072	08MTCHL1	1	138	212	DEO&K	267	267	Base Case	0	-64.3	-	24.07	0	-0.01%	-0.01%	-0.02%	
1127	238832 02JACKMA 138 240978 02AJ-MOD 138 1	238832	02JACKMA	240978	02AJ-MOD	1	138	202	ATSI	158	190	Base Case	0	-38	-	24.07	0	-0.07%	-0.07%	0.01%	
1128	246999 05SORENS 765 243232 05SORENS 345 3	246999	05SORENS	243232	05SORENS	3	765/345	205	AEP	2742	3097	Base Case	0	658	-	24	0	0.96%	0.96%	0.60%	
1129	238914 02LRCRQ3 138 238917 02STACY 138 1	238914	02LRCRQ3	238917	02STACY	1	138	202	ATSI	200	242	Base Case	0	48	-	23.99	0	-0.09%	-0.09%	0.02%	
1130	242704 05LOGAN1 138 242752 05PINCKZ 138 1	242704	05LOGAN1	242752	05PINCKZ	1	138	205	AEP	167	167	Base Case	0	40.1	-	23.99	0	0.06%	0.06%	0.04%	
1131	238607 02CARLIL 345 238608 02CARLIL 138 1	238607	02CARLIL	238608	02CARLIL	1	345/138	202	ATSI	577	686	Base Case	0	138.3	-	23.98	0	0.14%	0.14%	0.07%	
1132	238781 02HANNA 345 242932 05CANTNC 345 1	238781	02HANNA	242932	05CANTNC	1	345	202/205	ATSI/AEP	1409	1409	Base Case	0	-337.3	-	23.94	0	-0.80%	-0.80%	0.82%	
1133	246399 05GLOBE MT Z 138 247370 05MUSKNG1A 138 ZT	246399	05GLOBE MT Z	247370	05MUSKNG1A	ZT	138	205	AEP	187	240	Base Case	0	-44.8	-	23.94	0	0.10%	0.10%	0.06%	
1134	243490 05CORNER 138 243554 05PORTER 138 1	243490	05CORNER	243554	05PORTER	1	138	205	AEP	131	143	Base Case	0	31.3	-	23.93	0	0.00%	0.00%	0.00%	
1135	243243 05ANDCT 138 243392 05WEBSTR 138 1	243243	05ANDCT	243392	05WEBSTR	1	138	205	AEP	183	183	Base Case	0	43.8	-	23.92	0	-0.01%	-0.01%	0.00%	
1136	242708 05M FUNK 138 243874 05TECHDR 138 1	242708	05M FUNK	243874	05TECHDR	1	138	205	AEP	167	167	Base Case	0	39.9	-	23.88	0	0.13%	0.13%	0.11%	
1137	242568 05BROOKV 138 242785 05S.LYNC 138 1	242568	05BROOKV	242785	05S.LYNC	1	138	205	AEP	167	245	Base Case	0	-39.8	-	23.86	0	-0.02%	-0.02%	0.10%	
1138	242546 05BAILS1 138 242855 05WYOMIN 138 1	242546	05BAILS1	242855	05WYOMIN	1	138	205	AEP	388	484	Base Case	0	-92.5	-	23.85	0	0.01%	0.01%	-0.04%	
1139	238530 02ALLEN 345 239344 02ALLEN-2 138 3	238530	02ALLEN	239344	02ALLEN-2	3	345/138	202	ATSI	576	651	Base Case	0	137.3	-	23.85	0	-0.07%	-0.07%	0.01%	
1140	238575 02BLUBEL 138 242980 05CANTNC 138 1	238575	02BLUBEL	242980	05CANTNC	1	138	202/205	ATSI/AEP	257	338	Base Case	0	-61.3	-	23.84	0	-0.36%	-0.36%	0.15%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1141	238891 02LESIDE 138 239195 02MILIRN 138 1	238891	02LESIDE	239195	02MILIRN	1	138	202	ATSI	161	194	Base Case	0	38.4	-	23.83	0	-0.23%	-0.23%	0.04%	
1142	243495 05DAVIDS 138 243560 05ROBERT 138 1	243495	05DAVIDS	243560	05ROBERT	1	138	205	AEP	335	366	Base Case	0	-79.8	-	23.82	0	-0.04%	-0.04%	0.00%	
1143	238896 02LIMECT 138 239371 02DOWLING 138 1	238896	02LIMECT	239371	02DOWLING	1	138	202	ATSI	288	353	Base Case	0	-68.6	-	23.82	0	-0.03%	-0.03%	0.01%	
1144	242539 05ANGLBR 138 242672 05HOPKINSX 138 1	242539	05ANGLBR	242672	05HOPKINSX	1	138	205	AEP	272	335	Base Case	0	64.7	-	23.78	0	-0.01%	-0.01%	-0.19%	
1145	242951 05ADDISONZ 138 243126 05THIVENER1Z 138 1	242951	05ADDISONZ	243126	05THIVENER1Z	1	138	205	AEP	167	245	Base Case	0	-39.7	-	23.77	0	-0.02%	-0.02%	0.10%	
1146	238941 02MANSFD 345 239358 02GLENWILLOW 345 1	238941	02MANSFD	239358	02GLENWILLOW	1	345	202	ATSI	1380	1646	Base Case	0	327.9	-	23.76	0	0.26%	0.26%	0.17%	
1147	244070 05JUNE ROAD 138 247704 05PANDA RDSS 138 1	244070	05JUNE ROAD	247704	05PANDA RDSS	1	138	205	AEP	296	409	Base Case	0	-70.3	-	23.75	0	0.10%	0.10%	0.02%	
1148	243856 05JUG ST 1-6 138 246385 05JUGST 7-11 138 Z2	243856	05JUG ST 1-6	246385	05JUGST 7-11	Z2	138	205	AEP	747	747	Base Case	0	177.3	-	23.73	0	0.00%	0.00%	0.00%	
1149	238575 02BLUBEL 138 238864 02KNOX 138 1	238575	02BLUBEL	238864	02KNOX	1	138	202	ATSI	153	199	Base Case	0	36.3	-	23.73	0	0.03%	0.03%	-0.02%	
1150	242708 05M FUNK 138 245845 05MFUNK1_XFL 138 Z1	242708	05M FUNK	245845	05MFUNK1_XFL	Z1	138	205	AEP	696	747	Base Case	0	-165.1	-	23.72	0	0.04%	0.04%	-0.36%	
1151	235311 01CARNEG 138 243347 05TIDD 3-4 138 1	235311	01CARNEG	243347	05TIDD 3-4	1	138	201/205	AP/AEP	187	240	Base Case	0	-44.4	-	23.72	0	-0.40%	-0.40%	-0.02%	
1152	243246 05AUBUNC 138 243247 05AUBURN 138 1	243246	05AUBUNC	243247	05AUBURN	1	138	205	AEP	251	335	Base Case	0	-59.5	-	23.71	0	0.05%	0.05%	0.03%	
1153	242853 05WURNO 138 934750 AD1-102 TAP 138 1	242853	05WURNO	934750	AD1-102 TAP	1	138	205	AEP	251	251	Base Case	0	59.4	-	23.68	0	-0.11%	-0.11%	-0.16%	
1154	242609 05CLYTR2 138 934750 AD1-102 TAP 138 1	242609	05CLYTR2	934750	AD1-102 TAP	1	138	205	AEP	251	251	Base Case	0	-59.3	-	23.63	0	-0.11%	-0.11%	-0.16%	
1155	250041 08HAMLTN 138 250096 08SEWARD 138 1	250041	08HAMLTN	250096	08SEWARD	1	138	212	DEO&K	291	291	Base Case	0	-68.7	-	23.61	0	0.01%	0.01%	0.00%	
1156	238781 02HANNA 345 253902 15BVRVAL 345 1	238781	02HANNA	253902	15BVRVAL	1	345	202/215	ATSI/DLCO	1486	1739	Base Case	0	-350.5	-	23.58	0	0.45%	0.45%	0.04%	
1157	239369 02TORONTO 138 240214 02PENNANTTAP 138 1	239369	02TORONTO	240214	02PENNANTTAP	1	138	202	ATSI	278	339	Base Case	0	65.5	-	23.57	0	-0.01%	-0.01%	0.06%	
1158	243211 05ALLEN 345 243232 05SORENS 345 1	243211	05ALLEN	243232	05SORENS	1	345	205	AEP	897	897	Base Case	0	-211.3	-	23.56	0	-0.19%	-0.19%	0.07%	
1159	243773 05LTV1 138 246267 05WAGENHALS1 138 1	243773	05LTV1	246267	05WAGENHALS1	1	138	205	AEP	296	296	Base Case	0	-69.7	-	23.55	0	0.00%	0.00%	0.00%	
1160	238661 02DKQ-16 138 238741 02FWLSQ3 138 1	238661	02DKQ-16	238741	02FWLSQ3	1	138	202	ATSI	237	287	Base Case	0	-55.8	-	23.54	0	0.02%	0.02%	0.00%	
1161	242523 05BAKER 345 242529 05TRISTA 345 1	242523	05BAKER	242529	05TRISTA	1	345	205	AEP	1409	1409	Base Case	0	331.6	-	23.53	0	0.07%	0.07%	0.81%	
1162	243143 05WBELLA 138 247756 05GLENCOE 138 1	243143	05WBELLA	247756	05GLENCOE	1	138	205	AEP	296	413	Base Case	0	69.7	-	23.53	0	0.07%	0.07%	0.00%	
1163	253077 09STUART 345 342838 7SPURLOCK 345 1	253077	09STUART	342838	7SPURLOCK	1	345	209/320	DAY/EKPC	1240	1532	Base Case	0	-291.6	-	23.52	0	-1.04%	-1.04%	0.03%	
1164	242630 05E.RIVE 138 242786 05S.PRINCETN 138 1	242630	05E.RIVE	242786	05S.PRINCETN	1	138	205	AEP	205	205	Base Case	0	48.2	-	23.51	0	-0.08%	-0.08%	-0.08%	
1165	250099 08SIMPSN 138 250120 08TWYMI2 138 1	250099	08SIMPSN	250120	08TWYMI2	1	138	212	DEO&K	298	298	Base Case	0	-69.9	-	23.47	0	0.05%	0.05%	0.03%	
1166	243304 05GUARDN 138 243385 05TWIN B 138 1	243304	05GUARDN	243385	05TWIN B	1	138	205	AEP	251	330	Base Case	0	-58.9	-	23.47	0	-0.09%	-0.09%	-0.06%	
1167	242854 05W.WELCH SS 138 242855 05WYOMIN 138 1	242854	05W.WELCH SS	242855	05WYOMIN	1	138	205	AEP	335	392	Base Case	0	-78.6	-	23.47	0	-0.05%	-0.05%	-0.30%	
1168	238768 02GRNFLD 138 239290 02HAYES 138 2	238768	02GRNFLD	239290	02HAYES	2	138	202	ATSI	233	282	Base Case	0	-54.7	-	23.46	0	-0.02%	-0.02%	-0.01%	
1169	242818 05STOTES 138 242824 05TAMSM1 138 1	242818	05STOTES	242824	05TAMSM1	1	138	205	AEP	150	180	Base Case	0	-35.2	-	23.44	0	-0.04%	-0.04%	-0.10%	
1170	242787 05MIDDLEB SS 138 253111 09MIDDLE 138 Z1	242787	05MIDDLEB SS	253111	09MIDDLE	Z1	138	205/209	AEP/DAY	196	224	Base Case	0	45.9	-	23.42	0	0.07%	0.07%	0.12%	
1171	238588 02BRNSWK 138 239125 02STONEY 138 1	238588	02BRNSWK	239125	02STONEY	1	138	202	ATSI	233	282	Base Case	0	54.5	-	23.41	0	-0.13%	-0.13%	-0.01%	
1172	242527 05M FUNK 345 247470 05MFUNK2_XFL 138 2	242527	05M FUNK	247470	05MFUNK2_XFL	2	345/138	205	AEP	732	828	Base Case	0	171.3	-	23.41	0	0.05%	0.05%	-0.38%	
1173	238629 02CLVRDL 138 239354 02HARMON 138 2	238629	02CLVRDL	239354	02HARMON	2	138	202	ATSI	448	516	Base Case	0	-104.8	-	23.4	0	0.00%	0.00%	0.07%	
1174	238629 02CLVRDL 138 239354 02HARMON 138 1	238629	02CLVRDL	239354	02HARMON	1	138	202	ATSI	448	516	Base Case	0	-104.8	-	23.39	0	0.00%	0.00%	0.07%	
1175	238530 02ALLEN 345 238500 02ALLEN-1 138 1	238530	02ALLEN	238500	02ALLEN-1	1	345/138	202	ATSI	492	632	Base Case	0	114.9	-	23.35	0	-0.06%	-0.06%	0.01%	
1176	244868 05BRICE 138 246760 05REFUGE 138 1	244868	05BRICE	246760	05REFUGE	1	138	205	AEP	191	222	Base Case	0	-44.6	-	23.35	0	-0.03%	-0.03%	0.01%	
1177	242684 05J.FERR 138 242859 05WYTHE2 138 1	242684	05J.FERR	242859	05WYTHE2	1	138	205	AEP	287	337	Base Case	0	67	-	23.33	0	0.06%	0.06%	0.20%	
1178	238569 02BEAVER 345 239289 02HAYES 345 1	238569	02BEAVER	239289	02HAYES	1	345	202	ATSI	1508	1844	Base Case	0	-351.6	-	23.32	0	-1.92%	-1.92%	-0.27%	
1179	242959 05BELDVL 138 244943 05PACKARD BP 138 1	242959	05BELDVL	244943	05PACKARD BP	1	138	205	AEP	251	327	Base Case	0	-58.5	-	23.3	0	0.02%	0.02%	0.01%	
1180	242509 05AXTON 765 242545 05AXTONX 138 1	242509	05AXTON	242545	05AXTONX	1	765/138	205	AEP	801	906	Base Case	0	186.5	-	23.28	0	-0.56%	-0.55%	-4.33%	
1181	239079 02S EAST 138 239242 02HOLT-A 138 1	239079	02S EAST	239242	02HOLT-A	1	138	202	ATSI	194	237	Base Case	0	-45.1	-	23.27	0	0.07%	0.07%	0.00%	
1182	243222 05FALL C 345 243292 05FALL C 138 2	243222	05FALL C	243292	05FALL C	2	345/138	205	AEP	713	765	Base Case	0	165.8	-	23.26	0	-0.03%	-0.03%	0.03%	
1183	253005 09BATH 138 253106 09NCARLI 138 1	253005	09BATH	253106	09NCARLI	1	138	209	DAY	301	374	Base Case	0	69.9	-	23.21	0	0.04%	0.04%	0.04%	
1184	246187 05WARTON H2 138 246191 05WARTON MKW 138 Z1	246187	05WARTON H2	246191	05WARTON MKW	Z1	138	205	AEP	293	341	Base Case	0	68	-	23.21	0	0.00%	0.00%	0.00%	
1185	242984 05CHATFL 138 932050 AC2-015 TAP 138 1	242984	05CHATFL	932050	AC2-015 TAP	1	138	205	AEP	136	167	Base Case	0	31.5	-	23.15	0	-0.12%	-0.12%	-0.09%	
1186	243024 05HOWARD 138 932050 AC2-015 TAP 138 1	243024	05HOWARD	932050	AC2-015 TAP	1	138	205	AEP	136	167	Base Case	0	-31.4	-	23.11	0	-0.12%	-0.12%	-0.09%	
1187	241929 02AVQ3 138 241930 02AVQ4 138 1	241929	02AVQ3	241930	02AVQ4	1	138	202	ATSI	999	999	Base Case	0	-230.8	-	23.11	0	-0.56%	-0.56%	-0.07%	
1188	242720 05MONETA 138 243892 05MEADS8 138 1	242720	05MONETA	243892	05MEADS8	1	138	205	AEP	409	409	Base Case	0	94.5	-	23.1	0	-0.06%	-0.06%	0.94%	
1189	240348 02GROVWDQ13 138 241935 02CLINTON 138 ZL	240348	02GROVWDQ13	241935	02CLINTON	ZL	138	202	ATSI	347	423	Base Case	0	-80.1	-	23.09	0	0.00%	0.00%	0.00%	
1190	245977 05GRISTMILL 345 245983 05GRISTMILL 138 1	245977	05GRISTMILL	245983	05GRISTMILL	1	345/138	205	AEP	450	450	Base Case	0	103.9	-	23.08	0	0.01%	0.01%	0.04%	
1191	238746 02GALION 138 239308 02MR-ETH 138 1	238746	02GALION	239308	02MR-ETH	1	138	202	ATSI	161	194	Base Case	0	37.1	-	23.03	0	0.07%	0.07%	-0.08%	
1192	242719 05MONEL 138 242765 05REUSENS1 138 1	242719	05MONEL	242765	05REUSENS1	1	138	205	AEP	388	409	Base Case	0	89.3	-	23.02	0	-0.06%	-0.06%	-0.50%	
1193	243674 05BELHAV 138 243681 05CHADWICK1 138 1	243674	05BELHAV	243681	05CHADWICK1	1	138	205	AEP	251	251	Base Case	0	-57.7	-	23	0	0.02%	0.02%	0.05%	
1194	243139 05WAGENHALS2 138 246267 05WAGENHALS1 138 Z1	243139	05WAGENHALS2	246267	05WAGENHALS1	Z1	138	205	AEP	329	361	Base Case	0	-75.6	-	22.99	0	-0.13%	-0.13%	0.03%	
1195	242641 05FOREST 138 242734 05NEWLDN 138 1	242641	05FOREST	242734	05NEWLDN	1	138	205	AEP	167	240	Base Case	0	-38.4	-	22.98	0	-0.01%	-0.01%	0.51%	
1196	243532 05KIRK 138 244020 05MINK 138 1	243532	05KIRK	244020	05MINK	1	138	205	AEP	338	338	Base Case	0	77.7	-	22.98	0	0.03%	0.03%	0.00%	
1197	242537 05AMOS 138 242617 05DALEWD 138 1	242537	05AMOS	242617	05DALEWD	1	138	205	AEP	296	398	Base Case	0	68	-	22.97	0	-0.05%	-0.05%	-0.06%	
1198	244866 05THORPE SS 138 247152 05GARY 138 1	244866	05THORPE SS	247152	05GARY	1	138	205	AEP	296	398	Base Case	0	-67.8	-	22.89	0	-0.11%	-0.11%	-0.29%	
1199	238772 02GTQ-12 138 238793 02HDGQ12 138 1	238772	02GTQ-12	238793	02HDGQ12	1	138	202	ATSI	273	332	Base Case	0	-62.5	-	22.88	0	0.09%	0.09%	0.01%	
1200	250050 08KMPER1 138 250082 08P.UN1 138 1	250050	08KMPER1	250082	08P.UN1	1	138	212	DEO&K	299	299	Base Case	0	-68.4	-	22.87	0	0.01%	0.01%	-0.02%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1201	242512 05CLOVRD 765 242514 05J.FERR 765 1	242512	05CLOVRD	242514	05J.FERR	1	765	205	AEP	3859	3859	Base Case	0	-881.3	-	22.84	0	-4.53%	-4.53%	-5.49%	
1202	238570 02BEAVER 138 241932 02AMH.MUN2 138 1	238570	02BEAVER	241932	02AMH.MUN2	1	138	202	ATSI	498	573	Base Case	0	113.6	-	22.81	0	-0.29%	-0.29%	-0.02%	
1203	247106 05VARNER 138 247108 05SOWERS 138 1	247106	05VARNER	247108	05SOWERS	1	138	205	AEP	257	360	Base Case	0	58.6	-	22.8	0	-0.14%	-0.14%	0.01%	
1204	253057 09OHH 138 253111 09MIDDLE 138 1	253057	09OHH	253111	09MIDDLE	1	138	209	DAY	185	185	Base Case	0	-42.2	-	22.8	0	0.07%	0.07%	0.12%	
1205	242556 05BLUEFLD AV 138 242707 05LOWESM 138 1	242556	05BLUEFLD AV	242707	05LOWESM	1	138	205	AEP	251	251	Base Case	0	-57.2	-	22.78	0	-0.13%	-0.13%	-0.26%	
1206	243134 05W.CANTON1 138 245797 05W.CANTON2 138 Z1	243134	05W.CANTON1	245797	05W.CANTON2	Z1	138	205	AEP	424	487	Base Case	0	96.5	-	22.76	0	-0.03%	-0.03%	0.08%	
1207	242979 05CANNELV SS 138 246010 05PHILO2 138 1	242979	05CANNELV SS	246010	05PHILO2	1	138	205	AEP	223	310	Base Case	0	-50.8	-	22.76	0	0.23%	0.23%	-0.10%	
1208	238586 02BRKSID 138 238906 02LNGVEW 138 1	238586	02BRKSID	238906	02LNGVEW	1	138	202	ATSI	153	192	Base Case	0	34.8	-	22.75	0	0.11%	0.11%	-0.04%	
1209	243051 05NDELPH 138 247864 05LOGTOWN 138 1	243051	05NDELPH	247864	05LOGTOWN	1	138	205	AEP	296	413	Base Case	0	-67.2	-	22.7	0	-0.16%	-0.16%	-0.07%	
1210	242924 05HANG R 765 242927 05MARQUI 765 1	242924	05HANG R	242927	05MARQUI	1	765	205	AEP	4047	4571	Base Case	0	917.4	-	22.67	0	0.80%	0.80%	2.40%	
1211	242738 05OREBANK_BP 138 242850 05WOLFH1 138 1	242738	05OREBANK_BP	242850	05WOLFH1	1	138	205	AEP	167	167	Base Case	0	-37.9	-	22.66	0	0.03%	0.03%	-0.07%	
1212	243481 05CANAL 138 243586 05WHITER 138 1	243481	05CANAL	243586	05WHITER	1	138	205	AEP	209	209	Base Case	0	-47.4	-	22.66	0	-0.07%	-0.07%	-0.03%	
1213	243085 05S CAD 138 247016 05GABLSS 138 1	243085	05S CAD	247016	05GABLSS	1	138	205	AEP	185	185	Base Case	0	-41.9	-	22.65	0	0.21%	0.21%	-0.05%	
1214	243138 05W.LIBERTYZ 138 243347 05TIDD 3-4 138 2	243138	05W.LIBERTYZ	243347	05TIDD 3-4	2	138	205	AEP	187	205	Base Case	0	-42.4	-	22.65	0	0.15%	0.15%	-0.10%	
1215	243497 05DELANO 138 247862 05TUSCANY 138 1	243497	05DELANO	247862	05TUSCANY	1	138	205	AEP	383	449	Base Case	0	86.8	-	22.65	0	-0.02%	-0.02%	0.09%	
1216	238819 02ILQ-12 138 239050 02PV Q2 138 1	238819	02ILQ-12	239050	02PV Q2	1	138	202	ATSI	225	295	Base Case	0	-51	-	22.64	0	-0.09%	-0.09%	-0.01%	
1217	238871 02KY-HS 138 239154 02W.FREM 138 1	238871	02KY-HS	239154	02W.FREM	1	138	202	ATSI	251	290	Base Case	0	-56.7	-	22.59	0	-0.04%	-0.04%	-0.01%	
1218	238985 02NASQ18 138 240248 02DLQ-18 138 1	238985	02NASQ18	240248	02DLQ-18	1	138	202	ATSI	137	174	Base Case	0	-30.9	-	22.58	0	-0.01%	-0.01%	0.00%	
1219	238557 02B.M.F. 138 238715 02FERNWY 138 1	238557	02B.M.F.	238715	02FERNWY	1	138	202	ATSI	212	239	Base Case	0	-47.7	-	22.51	0	0.03%	0.03%	0.00%	
1220	238597 02CADQ17 138 238984 02NASQ17 138 1	238597	02CADQ17	238984	02NASQ17	1	138	202	ATSI	137	174	Base Case	0	30.8	-	22.49	0	-0.02%	-0.02%	0.00%	
1221	242945 05SW LIM 345 243122 05SW LIM 138 2	242945	05SW LIM	243122	05SW LIM	2	345/138	205	AEP	495	544	Base Case	0	111.3	-	22.48	0	0.06%	0.06%	0.11%	
1222	238853 02KDTPQ1 138 239001 02NFLDQ1 138 1	238853	02KDTPQ1	239001	02NFLDQ1	1	138	202	ATSI	273	332	Base Case	0	-61.3	-	22.47	0	-0.14%	-0.14%	0.05%	
1223	239030 02OTTAWA 138 239154 02W.FREM 138 1	239030	02OTTAWA	239154	02W.FREM	1	138	202	ATSI	251	290	Base Case	0	-56.4	-	22.47	0	-0.04%	-0.04%	-0.01%	
1224	243099 05SHAWNR 138 243122 05SW LIM 138 1	243099	05SHAWNR	243122	05SW LIM	1	138	205	AEP	335	388	Base Case	0	-75.2	-	22.44	0	0.10%	0.10%	0.12%	
1225	243217 05DEQUIN 345 243878 05MEADOW 345 1	243217	05DEQUIN	243878	05MEADOW	1	345	205	AEP	1409	1959	Base Case	0	316.2	-	22.44	0	0.09%	0.09%	0.45%	
1226	238853 02KDTPQ1 138 238882 02LE Q-1 138 1	238853	02KDTPQ1	238882	02LE Q-1	1	138	202	ATSI	273	332	Base Case	0	61.2	-	22.42	0	0.00%	0.00%	0.00%	
1227	238570 02BEAVER 138 238845 02JONSON 138 1	238570	02BEAVER	238845	02JONSON	1	138	202	ATSI	233	282	Base Case	0	52.1	-	22.37	0	-0.20%	-0.20%	-0.02%	
1228	242607 05CLOVRD 138 244746 05MT.UNION 138 1	242607	05CLOVRD	244746	05MT.UNION	1	138	205	AEP	251	335	Base Case	0	56.1	-	22.37	0	0.01%	0.01%	0.00%	
1229	242585 05CAVE SPR1Z 138 246981 05SUNSCA 138 1	242585	05CAVE SPR1Z	246981	05SUNSCA	1	138	205	AEP	187	240	Base Case	0	-41.8	-	22.36	0	0.05%	0.05%	0.36%	
1230	242849 05W.KINGSPT1 138 245220 05W.KINGSPT2 138 Z1	242849	05W.KINGSPT1	245220	05W.KINGSPT2	Z1	138	205	AEP	307	307	Base Case	0	-68.6	-	22.36	0	-0.01%	-0.01%	0.04%	
1231	242523 05BAKER 345 243670 05BAKER 138 2	242523	05BAKER	243670	05BAKER	2	345/138	205	AEP	805	861	Base Case	0	179.9	-	22.35	0	0.19%	0.19%	0.11%	
1232	246606 05WETZEL SS 138 247165 05SRUNSS 138 1	246606	05WETZEL SS	247165	05SRUNSS	1	138	205	AEP	226	286	Base Case	0	50.5	-	22.34	0	0.00%	0.00%	0.00%	
1233	238629 02CLVRDL 138 239123 02STAR 138 1	238629	02CLVRDL	239123	02STAR	1	138	202	ATSI	233	282	Base Case	0	51.9	-	22.29	0	-0.02%	-0.02%	0.09%	
1234	238871 02KY-HS 138 239030 02OTTAWA 138 1	238871	02KY-HS	239030	02OTTAWA	1	138	202	ATSI	251	290	Base Case	0	55.9	-	22.28	0	-0.04%	-0.04%	-0.01%	
1235	238569 02BEAVER 345 239725 02LAKEAVE 345 1	238569	02BEAVER	239725	02LAKEAVE	1	345	202	ATSI	1380	1646	Base Case	0	307.3	-	22.26	0	-1.29%	-1.29%	-0.09%	
1236	238854 02KDTPQ3 138 238883 02LE Q-3 138 1	238854	02KDTPQ3	238883	02LE Q-3	1	138	202	ATSI	273	332	Base Case	0	60.7	-	22.25	0	0.00%	0.00%	0.00%	
1237	242739 05OREBANK 138 242798 05SHORT 138 1	242739	05OREBANK	242798	05SHORT	1	138	205	AEP	187	205	Base Case	0	-41.6	-	22.23	0	-0.01%	-0.01%	-0.05%	
1238	243161 05ZANESV 138 247083 05NPHISS 138 1	243161	05ZANESV	247083	05NPHISS	1	138	205	AEP	150	212	Base Case	0	-33.3	-	22.2	0	0.13%	0.13%	0.02%	
1239	243318 05JACKSON RD 138 243385 05TWIN B 138 2	243318	05JACKSON RD	243385	05TWIN B	2	138	205	AEP	185	255	Base Case	0	41.1	-	22.2	0	-0.05%	-0.05%	-0.04%	
1240	238586 02BRKSID 138 239195 02MILIRN 138 1	238586	02BRKSID	239195	02MILIRN	1	138	202	ATSI	153	192	Base Case	0	-33.9	-	22.15	0	-0.23%	-0.23%	0.04%	
1241	238528 02AETNA 138 238707 02EVANS 138 1	238528	02AETNA	238707	02EVANS	1	138	202	ATSI	233	282	Base Case	0	-51.6	-	22.15	0	0.10%	0.10%	0.07%	
1242	238845 02JONSON 138 239726 02LAKEAVE 138 2	238845	02JONSON	239726	02LAKEAVE	2	138	202	ATSI	160	192	Base Case	0	-35.4	-	22.14	0	0.05%	0.05%	-0.02%	
1243	250013 08DIMICK 138 250083 08P.UN2 138 1	250013	08DIMICK	250083	08P.UN2	1	138	212	DEO&K	198	198	Base Case	0	-43.8	-	22.13	0	-0.05%	-0.05%	-0.03%	
1244	238821 02INLAND 345 239358 02GLENWILLOW 345 1	238821	02INLAND	239358	02GLENWILLOW	1	345	202	ATSI	1542	1878	Base Case	0	-340.8	-	22.1	0	0.47%	0.47%	-0.11%	
1245	239280 02CRNBRY 500 239281 02CRNBRY 138 2	239280	02CRNBRY	239281	02CRNBRY	2	500/138	202	ATSI	751	902	Base Case	0	165.7	-	22.06	0	0.76%	0.76%	0.10%	
1246	239280 02CRNBRY 500 239281 02CRNBRY 138 1	239280	02CRNBRY	239281	02CRNBRY	1	500/138	202	ATSI	751	902	Base Case	0	165.7	-	22.06	0	0.76%	0.76%	0.10%	
1247	243068 05NZANEV 138 243161 05ZANESV 138 1	243068	05NZANEV	243161	05ZANESV	1	138	205	AEP	205	284	Base Case	0	45.2	-	22.04	0	-0.06%	-0.06%	-0.06%	
1248	243572 05SHANON 138 244232 05SHANONRSS8 138 Z1	243572	05SHANON	244232	05SHANONRSS8	Z1	138	205	AEP	329	350	Base Case	0	-72.5	-	22.03	0	-0.01%	-0.01%	0.01%	
1249	238854 02KDTPQ3 138 239003 02NFLDQ3 138 1	238854	02KDTPQ3	239003	02NFLDQ3	1	138	202	ATSI	273	332	Base Case	0	-60.1	-	22.03	0	-0.14%	-0.14%	0.04%	
1250	242619 05DANVL1 138 242771 05RIVERS 138 1	242619	05DANVL1	242771	05RIVERS	1	138	205	AEP	251	251	Base Case	0	55.3	-	22.01	0	-0.03%	-0.03%	-0.27%	
1251	239134 02TANGY 138 240706 02NATIONAL 138 1	239134	02TANGY	240706	02NATIONAL	1	138	202	ATSI	233	282	Base Case	0	51.3	-	22	0	0.05%	0.05%	-0.01%	
1252	243674 05BELHAV 138 243676 05BELLF2 138 1	243674	05BELHAV	243676	05BELLF2	1	138	205	AEP	219	251	Base Case	0	48	-	21.92	0	0.02%	0.02%	0.05%	
1253	238733 02FOXQ12 138 241935 02CLINTON 138 1	238733	02FOXQ12	241935	02CLINTON	1	138	202	ATSI	347	423	Base Case	0	75.8	-	21.83	0	0.10%	0.10%	0.02%	
1254	242573 05CABELL 138 242866 05MERRIT 138 1	242573	05CABELL	242866	05MERRIT	1	138	205	AEP	167	167	Base Case	0	-36.5	-	21.83	0	-0.07%	-0.07%	-0.05%	
1255	242842 05W HUNT 138 244462 05SHOALS 138 1	242842	05W HUNT	244462	05SHOALS	1	138	205	AEP	335	392	Base Case	0	73.1	-	21.83	0	-0.05%	-0.05%	-0.14%	
1256	238531 02ALLNJ 138 239129 02SYLVNA 138 1	238531	02ALLNJ	239129	02SYLVNA	1	138	202	ATSI	308	376	Base Case	0	67.2	-	21.8	0	-0.05%	-0.05%	0.01%	
1257	243254 05BURNWO 138 247433 05CHARGER 138 1	243254	05BURNWO	247433	05CHARGER	1	138	205	AEP	251	335	Base Case	0	-54.7	-	21.79	0	-0.09%	-0.09%	-0.06%	
1258	238530 02ALLEN 345 256583 18MOROCCO 345 1	238530	02ALLEN	256583	18MOROCCO	1	345	202/218	ATSI/METC	1517	1793	Base Case	0	-330.1	-	21.76	0	-0.86%	-0.86%	-0.15%	
1259	249989 08BKJ246 138 250000 08COLDSP 138 1	249989	08BKJ246	250000	08COLDSP	1	138	212	DEO&K	264	264	Base Case	0	57.4	-	21.74	0	0.03%	0.03%	0.01%	
1260	242823 05TACKCR 138 242836 05TURNE1 138 1	242823	05TACKCR	242836	05TURNE1	1	138	205	AEP	296	296	Base Case	0	64.3	-	21.73	0	-0.06%	-0.06%	-0.07%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1261	243297 05GERMAN 138 243353 05OLIVE 138 1	243297	05GERMAN	243353	05OLIVE	1	138	205	AEP	257	330	Base Case	0	-55.8	-	21.73	0	-0.09%	-0.09%	-0.06%	
1262	242646 05FT.ROB SS 138 245802 05FT.ROBINSN 138 Z1	242646	05FT.ROB SS	245802	05FT.ROBINSN	Z1	138	205	AEP	164	180	Base Case	0	35.6	-	21.7	0	0.00%	0.00%	0.01%	
1263	243688 05S.PORT MTR 138 244686 05VANCEBURG 138 Z1	243688	05S.PORT MTR	244686	05VANCEBURG	Z1	138	205	AEP	29	29	Base Case	0	6.3	-	21.67	0	0.00%	0.00%	0.00%	
1264	242765 05REUSENS1 138 246229 05REUSENS2 138 Z1	242765	05REUSENS1	246229	05REUSENS2	Z1	138	205	AEP	136	167	Base Case	0	29.5	-	21.67	0	-0.10%	-0.10%	-0.11%	
1265	243312 05HUMMEL 138 243367 05ROCKCR 138 1	243312	05HUMMEL	243367	05ROCKCR	1	138	205	AEP	251	273	Base Case	0	54.3	-	21.64	0	-0.03%	-0.03%	0.04%	
1266	243217 05DEQUIN 345 243878 05MEADOW 345 2	243217	05DEQUIN	243878	05MEADOW	2	345	205	AEP	1409	1959	Base Case	0	304.8	-	21.63	0	0.09%	0.09%	0.43%	
1267	242925 05KAMMER 765 242937 05KAMMER 345 4	242925	05KAMMER	242937	05KAMMER	4	765/345	205	AEP	1678	1868	Base Case	0	362.9	-	21.63	0	-0.22%	-0.22%	1.78%	
1268	242609 05CLYTR2 138 242721 05MORGAN 138 1	242609	05CLYTR2	242721	05MORGAN	1	138	205	AEP	167	167	Base Case	0	36.1	-	21.62	0	0.07%	0.07%	0.27%	
1269	242572 05BURLHT 138 242607 05CLOVRD 138 1	242572	05BURLHT	242607	05CLOVRD	1	138	205	AEP	219	223	Base Case	0	-47.3	-	21.61	0	0.11%	0.11%	0.29%	
1270	243292 05FALL C 138 246656 05PENDLETON2 138 1	243292	05FALL C	246656	05PENDLETON2	1	138	205	AEP	219	251	Base Case	0	47.3	-	21.61	0	0.00%	0.00%	0.03%	
1271	250043 08HANDS2 138 250047 08KENTN1 138 1	250043	08HANDS2	250047	08KENTN1	1	138	212	DEO&K	301	301	Base Case	0	65	-	21.6	0	0.01%	0.01%	0.01%	
1272	242529 05TRISTA 345 242835 05TRISTA 138 2	242529	05TRISTA	242835	05TRISTA	2	345/138	205	AEP	504	540	Base Case	0	108.9	-	21.6	0	0.13%	0.13%	0.13%	
1273	243049 05NATRIUM12 138 243123 05SWITZE 138 1	243049	05NATRIUM12	243123	05SWITZE	1	138	205	AEP	187	240	Base Case	0	40.4	-	21.59	0	0.14%	0.14%	-0.03%	
1274	238626 02CLAYBN 138 238873 02LAKMOR 138 1	238626	02CLAYBN	238873	02LAKMOR	1	138	202	ATSI	157	196	Base Case	0	33.9	-	21.59	0	-0.04%	-0.04%	0.05%	
1275	242674 05HUFFCK 138 242779 05RUMCKZ 138 1	242674	05HUFFCK	242779	05RUMCKZ	1	138	205	AEP	296	413	Base Case	0	63.9	-	21.58	0	0.12%	0.12%	0.30%	
1276	242964 05BOLIVA 138 243060 05NINTIE 138 1	242964	05BOLIVA	243060	05NINTIE	1	138	205	AEP	291	291	Base Case	0	62.8	-	21.57	0	0.42%	0.42%	-0.10%	
1277	239318 02HENRTA 138 239319 02CAMDEN 138 1	239318	02HENRTA	239319	02CAMDEN	1	138	202	ATSI	158	190	Base Case	0	33.9	-	21.43	0	0.08%	0.08%	-0.11%	
1278	242791 05SCHRIS 138 243874 05TECHDR 138 1	242791	05SCHRIS	243874	05TECHDR	1	138	205	AEP	158	167	Base Case	0	-33.8	-	21.42	0	0.13%	0.13%	0.11%	
1279	243242 05ALLEN 138 243877 05DAWKNS 138 1	243242	05ALLEN	243877	05DAWKNS	1	138	205	AEP	167	245	Base Case	0	35.7	-	21.41	0	0.03%	0.03%	0.02%	
1280	243207 05GRNTWN 765 243208 05JEFRSO 765 1	243207	05GRNTWN	243208	05JEFRSO	1	765	205	AEP	4047	4571	Base Case	0	-864.2	-	21.35	0	1.97%	1.97%	2.80%	
1281	243572 05SHANON 138 246760 05REFUGE 138 1	243572	05SHANON	246760	05REFUGE	1	138	205	AEP	209	209	Base Case	0	44.6	-	21.35	0	-0.01%	-0.01%	0.01%	
1282	242951 05ADDISONZ 138 243013 05GAVIN1 138 1	242951	05ADDISONZ	243013	05GAVIN1	1	138	205	AEP	167	167	Base Case	0	35.6	-	21.34	0	-0.02%	-0.02%	0.10%	
1283	246325 05NOTTINGH56 138 247131 05HOLLOWAY12 138 5	246325	05NOTTINGH56	247131	05HOLLOWAY12	5	138	205	AEP	278	339	Base Case	0	-59.3	-	21.33	0	-0.03%	-0.03%	0.05%	
1284	247131 05HOLLOWAY12 138 247460 05NOTTINGH34 138 6	247131	05HOLLOWAY12	247460	05NOTTINGH34	6	138	205	AEP	278	339	Base Case	0	59.3	-	21.32	0	-0.03%	-0.03%	0.05%	
1285	243242 05ALLEN 138 243391 05WAYNET 138 1	243242	05ALLEN	243391	05WAYNET	1	138	205	AEP	260	260	Base Case	0	55.4	-	21.3	0	0.08%	0.08%	0.01%	
1286	242935 05E LIMA 345 246929 05MADDOX 345 1	242935	05E LIMA	246929	05MADDOX	1	345	205	AEP	1868	1868	Base Case	0	-397.9	-	21.3	0	-1.20%	-1.20%	-0.50%	
1287	244658 05GRNTWN 138 249719 08DELCO 138 1	244658	05GRNTWN	249719	08DELCO	1	138	205/208	AEP/DEI	178	178	Base Case	0	37.9	-	21.29	0	0.01%	0.01%	-0.05%	
1288	242914 05TIDD_C_XFL 138 243129 05TIDD_C_X 138 ZC	242914	05TIDD_C_XFL	243129	05TIDD_C_X	ZC	138	205	AEP	670	783	Base Case	0	142.6	-	21.28	0	0.03%	0.03%	-0.01%	
1289	238664 02DOBINS 138 240214 02PENNANTTAP 138 1	238664	02DOBINS	240214	02PENNANTTAP	1	138	202	ATSI	278	339	Base Case	0	-59.1	-	21.24	0	-0.01%	-0.01%	0.06%	
1290	239133 02TANGY 345 239134 02TANGY 138 5	239133	02TANGY	239134	02TANGY	5	345/138	202	ATSI	516	655	Base Case	0	109.5	-	21.22	0	0.02%	0.02%	0.07%	
1291	240246 02CK Q15 138 240247 02CK TP15 138 1	240246	02CK Q15	240247	02CK TP15	1	138	202	ATSI	100	129	Base Case	0	-21.2	-	21.21	0	0.00%	0.00%	0.00%	
1292	239056 02R.M. + 138 239062 02REACMT 138 1	239056	02R.M. +	239062	02REACMT	1	138	202	ATSI	57	57	Base Case	0	12.1	-	21.21	0	0.00%	0.00%	0.00%	
1293	243585 05WAVERL 138 246942 05WARERD 138 1	243585	05WAVERL	246942	05WARERD	1	138	205	AEP	223	310	Base Case	0	47.3	-	21.2	0	0.10%	0.10%	0.07%	
1294	243471 05BETHEL 138 243560 05ROBERT 138 2	243471	05BETHEL	243560	05ROBERT	2	138	205	AEP	223	226	Base Case	0	-47.2	-	21.18	0	-0.04%	-0.04%	0.00%	
1295	243536 05LS-II 138 243539 05MARION 138 1	243536	05LS-II	243539	05MARION	1	138	205	AEP	426	426	Base Case	0	90.1	-	21.15	0	0.07%	0.07%	0.00%	
1296	242712 05MARTN2 138 242744 05PATCTR 138 1	242712	05MARTN2	242744	05PATCTR	1	138	205	AEP	293	341	Base Case	0	62	-	21.14	0	-0.03%	-0.03%	0.24%	
1297	243003 05FAYETTE Z 138 245615 05S.POINT2 138 1	243003	05FAYETTE Z	245615	05S.POINT2	1	138	205	AEP	167	167	Base Case	0	-35.3	-	21.12	0	-0.03%	-0.03%	0.07%	
1298	238551 02AVON 345 238850 02JUNIPE 345 1	238551	02AVON	238850	02JUNIPE	1	345	202	ATSI	1228	1424	Base Case	0	259.2	-	21.11	0	-1.82%	-1.82%	-0.27%	
1299	238645 02CW TP1 138 241927 02AVQ1 138 1	238645	02CW TP1	241927	02AVQ1	1	138	202	ATSI	439	516	Base Case	0	-92.6	-	21.1	0	-0.26%	-0.26%	-0.03%	
1300	246752 05VASSEL 345 246753 05VASSEL 138 3	246752	05VASSEL	246753	05VASSEL	3	345/138	205	AEP	680	847	Base Case	0	143.5	-	21.1	0	0.07%	0.07%	0.04%	
1301	238560 02BABB 138 239148 02VALLEY 138 1	238560	02BABB	239148	02VALLEY	1	138	202	ATSI	200	223	Base Case	0	42.2	-	21.08	0	-0.04%	-0.04%	0.03%	
1302	243241 05ALBION 138 243254 05BURNWO 138 1	243241	05ALBION	243254	05BURNWO	1	138	205	AEP	219	255	Base Case	0	-46.1	-	21.05	0	-0.09%	-0.09%	-0.06%	
1303	238600 02CAIRNS 138 239028 02ONTARO 138 1	238600	02CAIRNS	239028	02ONTARO	1	138	202	ATSI	317	365	Base Case	0	-66.7	-	21.03	0	-0.26%	-0.26%	0.03%	
1304	245905 05NEW LIBR2 138 247513 05BOUTWELL 138 1	245905	05NEW LIBR2	247513	05BOUTWELL	1	138	205	AEP	150	212	Base Case	0	-31.5	-	21.02	0	-0.08%	-0.08%	0.06%	
1305	242605 05CLNCHR 138 242793 05SEXTON 138 1	242605	05CLNCHR	242793	05SEXTON	1	138	205	AEP	219	223	Base Case	0	46	-	21.02	0	-0.02%	-0.02%	-0.19%	
1306	239154 02W.FREM 138 239290 02HAYES 138 1	239154	02W.FREM	239290	02HAYES	1	138	202	ATSI	278	339	Base Case	0	58.4	-	21.02	0	-0.23%	-0.23%	-0.04%	
1307	242529 05TRISTA 345 242835 05TRISTA 138 1	242529	05TRISTA	242835	05TRISTA	1	345/138	205	AEP	504	540	Base Case	0	105.9	-	21.02	0	0.12%	0.12%	0.13%	
1308	242552 05BENT M 138 242708 05M FUNK 138 1	242552	05BENT M	242708	05M FUNK	1	138	205	AEP	167	224	Base Case	0	-35.1	-	21.02	0	-0.07%	-0.07%	-0.42%	
1309	243543 05MILLCR 138 247804 05DEVOLA 138 1	243543	05MILLCR	247804	05DEVOLA	1	138	205	AEP	244	282	Base Case	0	51.2	-	21	0	0.27%	0.27%	0.20%	
1310	250030 08FRDBT1 138 250031 08FRDBT2 138 Z1	250030	08FRDBT1	250031	08FRDBT2	Z1	138	212	DEO&K	382	382	Base Case	0	-80.2	-	20.99	0	0.03%	0.03%	0.03%	
1311	243471 05BETHEL 138 243479 05BROOKS 138 1	243471	05BETHEL	243479	05BROOKS	1	138	205	AEP	389	559	Base Case	0	-81.7	-	20.99	0	0.04%	0.04%	0.00%	
1312	235404 01S CHST 138 242990 05E LIVR 138 1	235404	01S CHST	242990	05E LIVR	1	138	201/205	AP/AEP	187	205	Base Case	0	39.2	-	20.98	0	0.06%	0.06%	0.00%	
1313	238845 02JONSON 138 239726 02LAKEAVE 138 1	238845	02JONSON	239726	02LAKEAVE	1	138	202	ATSI	265	339	Base Case	0	-55.6	-	20.97	0	0.07%	0.07%	-0.03%	
1314	247374 05MUSKNG2B 138 247435 05MUSKNG_ESZ 138 ZJ	247374	05MUSKNG2B	247435	05MUSKNG_ESZ	ZJ	138	205	AEP	766	784	Base Case	0	-160.6	-	20.97	0	-0.18%	-0.18%	0.05%	
1315	243665 05LESLIE 161 243667 05STINNE 161 1	243665	05LESLIE	243667	05STINNE	1	161	205	AEP	208	208	Base Case	0	-43.6	-	20.95	0	-0.03%	-0.03%	0.05%	
1316	243249 05BEECH 138 243260 05CNTYRD 138 1	243249	05BEECH	243260	05CNTYRD	1	138	205	AEP	205	284	Base Case	0	43	-	20.95	0	-0.04%	-0.04%	-0.02%	
1317	250119 08TWYMI1 138 250120 08TWYMI2 138 Z1	250119	08TWYMI1	250120	08TWYMI2	Z1	138	212	DEO&K	394	394	Base Case	0	82.4	-	20.9	0	0.05%	0.05%	0.03%	
1318	238783 02HARDIN 345 238795 02HDGQ14 138 4	238783	02HARDIN	238795	02HDGQ14	4	345/138	202	ATSI	397	488	Base Case	0	82.9	-	20.88	0	0.07%	0.07%	0.00%	
1319	239986 02NEWSTACY 138 239988 02FE-POLO 138 1	239986	02NEWSTACY	239988	02FE-POLO	1	138	202	ATSI	275	333	Base Case	0	57.4	-	20.86	0	-0.13%	-0.13%	0.07%	
1320	243484 05CITYCO 138 243494 05CTYPLN 138 1	243484	05CITYCO	243494	05CTYPLN	1	138	205	AEP	262	266	Base Case	0	54.6	-	20.86	0	0.00%	0.00%	0.00%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1321	246325 05NOTTINGH56 138 247700 05YAGER 138 2	246325	05NOTTINGH56	247700	05YAGER	2	138	205	AEP	278	339	Base Case	0	57.9	-	20.84	0	-0.03%	-0.03%	0.04%	
1322	238613 02CF Q-4 138 238742 02FWLSQ4 138 1	238613	02CF Q-4	238742	02FWLSQ4	1	138	202	ATSI	265	332	Base Case	0	55.1	-	20.81	0	-0.25%	-0.25%	-0.03%	
1323	238615 02CHAMBR 345 238783 02HARDIN 345 1	238615	02CHAMBR	238783	02HARDIN	1	345	202	ATSI	1555	1892	Base Case	0	323.2	-	20.78	0	0.16%	0.16%	0.39%	
1324	242822 05SWITCHBACK 138 244866 05THORPE SS 138 1	242822	05SWITCHBACK	244866	05THORPE SS	1	138	205	AEP	287	337	Base Case	0	-59.6	-	20.78	0	-0.11%	-0.11%	-0.29%	
1325	238768 02GRNFLD 138 239290 02HAYES 138 1	238768	02GRNFLD	239290	02HAYES	1	138	202	ATSI	278	339	Base Case	0	-57.7	-	20.77	0	-0.02%	-0.02%	-0.01%	
1326	239073 02ROBERT 138 239308 02MR-ETH 138 1	239073	02ROBERT	239308	02MR-ETH	1	138	202	ATSI	160	192	Base Case	0	-33.2	-	20.77	0	0.07%	0.07%	-0.08%	
1327	238915 02LRN Q2 138 239734 02CHARLESTON 138 1	238915	02LRN Q2	239734	02CHARLESTON	1	138	202	ATSI	435	500	Base Case	0	-89.9	-	20.66	0	-0.38%	-0.38%	-0.03%	
1328	238569 02BEAVER 345 239725 02LAKEAVE 345 2	238569	02BEAVER	239725	02LAKEAVE	2	345	202	ATSI	1534	1878	Base Case	0	316.6	-	20.64	0	-1.33%	-1.33%	-0.09%	
1329	243217 05DEQUIN 345 249524 08WESTW2 345 2	243217	05DEQUIN	249524	08WESTW2	2	345	205/208	AEP/DEI	1025	1217	Base Case	0	210.9	-	20.57	0	-0.02%	-0.02%	-0.04%	
1330	238737 02FRNKLN 138 240068 02STAR_FORGE 138 1	238737	02FRNKLN	240068	02STAR_FORGE	1	138	202	ATSI	200	242	Base Case	0	-41	-	20.52	0	-0.01%	-0.01%	0.00%	
1331	238570 02BEAVER 138 239168 02WELNGT 138 1	238570	02BEAVER	239168	02WELNGT	1	138	202	ATSI	278	339	Base Case	0	57	-	20.51	0	0.03%	0.03%	-0.08%	
1332	238746 02GALION 138 924790 AB2-131 TAP 138 1	238746	02GALION	924790	AB2-131 TAP	1	138	202	ATSI	196	228	Base Case	0	40.2	-	20.51	0	0.07%	0.07%	-0.08%	
1333	238585 02BRIDGE 138 238737 02FRNKLN 138 1	238585	02BRIDGE	238737	02FRNKLN	1	138	202	ATSI	200	242	Base Case	0	-41	-	20.51	0	-0.01%	-0.01%	0.00%	
1334	238777 02HAMIL+ 138 924790 AB2-131 TAP 138 1	238777	02HAMIL+	924790	AB2-131 TAP	1	138	202	ATSI	196	228	Base Case	0	-40.2	-	20.49	0	0.07%	0.07%	-0.08%	
1335	243127 05TIDD 1-2 138 243347 05TIDD 3-4 138 Z2	243127	05TIDD 1-2	243347	05TIDD 3-4	Z2	138	205	AEP	946	996	Base Case	0	193.6	-	20.47	0	-0.31%	-0.31%	-0.13%	
1336	243127 05TIDD 1-2 138 243347 05TIDD 3-4 138 Z1	243127	05TIDD 1-2	243347	05TIDD 3-4	Z1	138	205	AEP	946	996	Base Case	0	193.6	-	20.47	0	-0.31%	-0.31%	-0.13%	
1337	243139 05WAGENHALS2 138 244943 05PACKARD BP 138 1	243139	05WAGENHALS2	244943	05PACKARD BP	1	138	205	AEP	287	327	Base Case	0	58.7	-	20.46	0	0.02%	0.02%	0.01%	
1338	243072 05PACKARD 138 243134 05W.CANTON1 138 1	243072	05PACKARD	243134	05W.CANTON1	1	138	205	AEP	205	205	Base Case	0	41.9	-	20.45	0	0.03%	0.03%	0.01%	
1339	242547 05BAILS2 138 242696 05KOPPER 138 1	242547	05BAILS2	242696	05KOPPER	1	138	205	AEP	223	223	Base Case	0	45.5	-	20.4	0	-0.02%	-0.02%	0.15%	
1340	243528 05KARL ROAD 138 243547 05MORSE 138 1	243528	05KARL ROAD	243547	05MORSE	1	138	205	AEP	338	338	Base Case	0	-68.8	-	20.35	0	0.07%	0.07%	0.02%	
1341	238798 02HKQ-21 138 239052 02PV Q4 138 1	238798	02HKQ-21	239052	02PV Q4	1	138	202	ATSI	148	151	Base Case	0	-30.1	-	20.33	0	0.02%	0.02%	-0.08%	
1342	239048 02PPPINE 138 239281 02CRNBRY 138 3	239048	02PPPINE	239281	02CRNBRY	3	138	202	ATSI	200	241	Base Case	0	-40.7	-	20.33	0	0.02%	0.02%	0.00%	
1343	243279 05DIAMND 138 243304 05GUARDN 138 1	243279	05DIAMND	243304	05GUARDN	1	138	205	AEP	226	286	Base Case	0	-45.9	-	20.31	0	-0.09%	-0.09%	-0.06%	
1344	243120 05SUNNYSIDE1 138 246267 05WAGENHALS1 138 1	243120	05SUNNYSIDE1	246267	05WAGENHALS1	1	138	205	AEP	296	392	Base Case	0	60.1	-	20.31	0	-0.18%	-0.18%	0.06%	
1345	238666 02DS Q-3 138 238672 02DW Q-3 138 1	238666	02DS Q-3	238672	02DW Q-3	1	138	202	ATSI	273	332	Base Case	0	-55.4	-	20.28	0	-0.19%	-0.19%	-0.02%	
1346	242939 05MARYSV 345 242945 05SW LIM 345 1	242939	05MARYSV	242945	05SW LIM	1	345	205	AEP	971	971	Base Case	0	196.3	-	20.22	0	0.56%	0.56%	0.47%	
1347	238734 02FOXQ13 138 241935 02CLINTON 138 1	238734	02FOXQ13	241935	02CLINTON	1	138	202	ATSI	347	423	Base Case	0	70.1	-	20.22	0	0.09%	0.09%	0.01%	
1348	242922 05FLTLCK 765 242923 05GAVIN 765 1	242922	05FLTLCK	242923	05GAVIN	1	765	205	AEP	4047	4349	Base Case	0	-818.1	-	20.21	0	1.88%	1.88%	4.15%	
1349	243286 05EDISON2 138 246075 05EDISON1 138 ZA	243286	05EDISON2	246075	05EDISON1	ZA	138	205	AEP	277	277	Base Case	0	-56	-	20.2	0	-0.08%	-0.08%	-0.05%	
1350	242646 05FT.ROB SS 138 242738 05OREBANK_BP 138 1	242646	05FT.ROB SS	242738	05OREBANK_BP	1	138	205	AEP	187	205	Base Case	0	-37.7	-	20.18	0	0.03%	0.03%	-0.07%	
1351	243150 05WMILLP 138 243818 05NFAIRF 138 1	243150	05WMILLP	243818	05NFAIRF	1	138	205	AEP	200	200	Base Case	0	40.4	-	20.18	0	0.00%	0.00%	0.00%	
1352	247064 05KANAWHA2 138 247068 05KANAWH_ASZ 138 ZT	247064	05KANAWHA2	247068	05KANAWH_ASZ	ZT	138	205	AEP	287	337	Base Case	0	-57.9	-	20.17	0	0.01%	0.01%	-0.09%	
1353	243033 05THORNWD SS 138 247172 05EBERSO 138 1	243033	05THORNWD SS	247172	05EBERSO	1	138	205	AEP	205	283	Base Case	0	-41.3	-	20.16	0	0.01%	0.01%	0.00%	
1354	242569 05BRUSHT 138 242734 05NEWLDN 138 1	242569	05BRUSHT	242734	05NEWLDN	1	138	205	AEP	205	207	Base Case	0	-41.3	-	20.16	0	0.01%	0.01%	0.44%	
1355	239015 02NSTAR 345 239018 02FULTON 345 1	239015	02NSTAR	239018	02FULTON	1	345	202	ATSI	725	865	Base Case	0	-145.9	-	20.13	0	0.00%	0.00%	0.00%	
1356	243347 05TIDD 3-4 138 247775 05DIXON SS 138 1	243347	05TIDD 3-4	247775	05DIXON SS	1	138	205	AEP	187	240	Base Case	0	37.6	-	20.1	0	0.14%	0.14%	-0.09%	
1357	242527 05M FUNK 345 245845 05MFUNK1_XFL 138 1	242527	05M FUNK	245845	05MFUNK1_XFL	1	345/138	205	AEP	823	948	Base Case	0	165.2	-	20.07	0	0.04%	0.04%	-0.36%	
1358	238841 02JNPRQ2 138 239050 02PV Q2 138 1	238841	02JNPRQ2	239050	02PV Q2	1	138	202	ATSI	267	332	Base Case	0	53.6	-	20.06	0	0.16%	0.16%	0.01%	
1359	243139 05WAGENHALS2 138 243772 05LTV2 138 2	243139	05WAGENHALS2	243772	05LTV2	2	138	205	AEP	296	296	Base Case	0	59.3	-	20.03	0	0.00%	0.00%	0.00%	
1360	243309 05HILLCR 138 243391 05WAYNET 138 1	243309	05HILLCR	243391	05WAYNET	1	138	205	AEP	219	255	Base Case	0	-43.9	-	20.03	0	0.08%	0.08%	0.01%	
1361	242982 05CENPOR 138 243047 05N PORT 138 1	242982	05CENPOR	243047	05N PORT	1	138	205	AEP	219	251	Base Case	0	-43.8	-	19.99	0	-0.01%	-0.01%	-0.02%	
1362	242760 05PROGPK 138 242858 05WYTHE1 138 1	242760	05PROGPK	242858	05WYTHE1	1	138	205	AEP	285	337	Base Case	0	-57	-	19.99	0	-0.11%	-0.11%	-0.06%	
1363	242564 05BRADL1 138 242565 05BRADL2 138 Z1	242564	05BRADL1	242565	05BRADL2	Z1	138	205	AEP	285	361	Base Case	0	-56.9	-	19.98	0	-0.09%	-0.09%	-0.24%	
1364	242682 05JIM BRANCH 138 242854 05W.WELCH SS 138 1	242682	05JIM BRANCH	242854	05W.WELCH SS	1	138	205	AEP	335	392	Base Case	0	-66.9	-	19.98	0	-0.05%	-0.05%	-0.30%	
1365	238663 02DLQ-15 138 238739 02FWLSQ1 138 1	238663	02DLQ-15	238739	02FWLSQ1	1	138	202	ATSI	273	332	Base Case	0	-54.5	-	19.97	0	0.02%	0.02%	0.00%	
1366	243159 05WPHILO 138 247083 05NPHISS 138 1	243159	05WPHILO	247083	05NPHISS	1	138	205	AEP	167	245	Base Case	0	33.3	-	19.95	0	0.13%	0.13%	0.02%	
1367	243528 05KARL ROAD 138 247510 05KARL RD123 138 Z1	243528	05KARL ROAD	247510	05KARL RD123	Z1	138	205	AEP	158	183	Base Case	0	31.5	-	19.92	0	0.00%	0.00%	0.00%	
1368	243528 05KARL ROAD 138 247510 05KARL RD123 138 Z2	243528	05KARL ROAD	247510	05KARL RD123	Z2	138	205	AEP	158	183	Base Case	0	31.5	-	19.92	0	0.00%	0.00%	0.00%	
1369	243528 05KARL ROAD 138 247510 05KARL RD123 138 Z3	243528	05KARL ROAD	247510	05KARL RD123	Z3	138	205	AEP	158	183	Base Case	0	31.5	-	19.92	0	0.00%	0.00%	0.00%	
1370	239353 02HARMON 345 239354 02HARMON 138 1	239353	02HARMON	239354	02HARMON	1	345/138	202	ATSI	609	689	Base Case	0	121.2	-	19.91	0	0.04%	0.04%	0.03%	
1371	250037 08GLNVW2 138 250049 08KLEMN2 138 1	250037	08GLNVW2	250049	08KLEMN2	1	138	212	DEO&K	268	268	Base Case	0	-53.3	-	19.9	0	-0.03%	-0.03%	0.01%	
1372	243581 05TAYLOR 138 244020 05MINK 138 1	243581	05TAYLOR	244020	05MINK	1	138	205	AEP	335	338	Base Case	0	-66.7	-	19.9	0	0.03%	0.03%	0.00%	
1373	238831 02IWQ-17 138 239211 02IOQ-17 138 1	238831	02IWQ-17	239211	02IOQ-17	1	138	202	ATSI	273	332	Base Case	0	54.3	-	19.88	0	-0.05%	-0.05%	0.02%	
1374	235383 01PARKER 138 243470 05BELPRE 138 1	235383	01PARKER	243470	05BELPRE	1	138	201/205	AP/AEP	251	290	Base Case	0	49.9	-	19.88	0	0.24%	0.24%	0.14%	
1375	242793 05SEXTON 138 245222 05W.KINGS_BP 138 1	242793	05SEXTON	245222	05W.KINGS_BP	1	138	205	AEP	205	205	Base Case	0	40.7	-	19.87	0	-0.02%	-0.02%	-0.19%	
1376	253011 09CARGIL 138 253056 09NORTHR 138 1	253011	09CARGIL	253056	09NORTHR	1	138	209	DAY	196	241	Base Case	0	-38.9	-	19.87	0	0.00%	0.00%	-0.01%	
1377	242722 05MORLAN 138 245222 05W.KINGS_BP 138 1	242722	05MORLAN	245222	05W.KINGS_BP	1	138	205	AEP	205	205	Base Case	0	-40.7	-	19.85	0	-0.02%	-0.02%	-0.19%	
1378	243522 05HARRISON 138 243593 05ZUBER 138 1	243522	05HARRISON	243593	05ZUBER	1	138	205	AEP	136	167	Base Case	0	-27	-	19.84	0	-0.05%	-0.05%	-0.13%	
1379	253010 09BURDOX 138 253053 09NEEDMO 138 1	253010	09BURDOX	253053	09NEEDMO	1	138	209	DAY	196	241	Base Case	0	38.9	-	19.83	0	0.00%	0.00%	0.02%	
1380	249980 08AGSTNE 138 250126 08WENDWE 138 1	249980	08AGSTNE	250126	08WENDWE	1	138	212	DEO&K	277	277	Base Case	0	54.9	-	19.83	0	0.04%	0.04%	0.04%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1381	238813 02HOYTDL 138 238866 02KOPL S 138 1	238813	02HOYTDL	238866	02KOPL S	1	138	202	ATSI	278	339	Base Case	0	55	-	19.79	0	0.00%	0.00%	0.00%	
1382	243241 05ALBION 138 243375 05SKINNR 138 1	243241	05ALBION	243375	05SKINNR	1	138	205	AEP	219	251	Base Case	0	43.3	-	19.79	0	-0.05%	-0.05%	-0.03%	
1383	243058 05NEWARK CTR 138 243488 05CONESVILLE 138 1	243058	05NEWARK CTR	243488	05CONESVILLE	1	138	205	AEP	348	407	Base Case	0	-68.8	-	19.76	0	0.06%	0.06%	-0.03%	
1384	238573 02BELEVU 138 239147 02UTTP2 138 1	238573	02BELEVU	239147	02UTTP2	1	138	202	ATSI	216	264	Base Case	0	42.7	-	19.76	0	0.04%	0.04%	-0.01%	
1385	249986 08BELVUE 138 250134 08YORK 138 1	249986	08BELVUE	250134	08YORK	1	138	212	DEO&K	298	298	Base Case	0	58.8	-	19.74	0	-0.01%	-0.01%	0.00%	
1386	242616 05CURRY 138 242717 05MILTON 138 1	242616	05CURRY	242717	05MILTON	1	138	205	AEP	167	167	Base Case	0	33	-	19.74	0	0.06%	0.06%	0.05%	
1387	238801 02HL Q-2 138 238811 02HO Q-2 138 1	238801	02HL Q-2	238811	02HO Q-2	1	138	202	ATSI	205	265	Base Case	0	-40.5	-	19.74	0	0.01%	0.01%	0.02%	
1388	242552 05BENT M 138 242601 05CLEARB 138 1	242552	05BENT M	242601	05CLEARB	1	138	205	AEP	158	183	Base Case	0	31.2	-	19.73	0	-0.07%	-0.07%	-0.42%	
1389	238538 02APRQ-1 138 238810 02HO Q-1 138 1	238538	02APRQ-1	238810	02HO Q-1	1	138	202	ATSI	265	349	Base Case	0	52.1	-	19.66	0	0.01%	0.01%	0.01%	
1390	239353 02HARMON 345 239354 02HARMON 138 2	239353	02HARMON	239354	02HARMON	2	345/138	202	ATSI	612	693	Base Case	0	120.3	-	19.66	0	0.04%	0.04%	0.03%	
1391	242669 05HOLST1 138 360476 4BOONE HP 138 1	242669	05HOLST1	360476	4BOONE HP	1	138	205/347	AEP/TVA	191	191	Base Case	0	-37.5	-	19.63	0	0.00%	0.00%	-0.02%	
1392	243285 05E.SIDE 138 243380 05STDBKR 138 1	243285	05E.SIDE	243380	05STDBKR	1	138	205	AEP	251	251	Base Case	0	-49.3	-	19.63	0	0.03%	0.03%	0.02%	
1393	238560 02BABB 138 239161 02WAKRON 138 1	238560	02BABB	239161	02WAKRON	1	138	202	ATSI	200	242	Base Case	0	-39.2	-	19.62	0	-0.08%	-0.08%	-0.03%	
1394	243578 05STRODZ 138 243579 05STROUD 138 1	243578	05STRODZ	243579	05STROUD	1	138	205	AEP	149	180	Base Case	0	29.2	-	19.59	0	0.01%	0.01%	-0.01%	
1395	250100 08SMRSD1 138 250158 088MIRDJ 138 1	250100	08SMRSD1	250158	088MIRDJ	1	138	212	DEO&K	301	301	Base Case	0	-59	-	19.59	0	0.00%	0.00%	0.00%	
1396	243014 05GRBLOP 138 245476 05ROB PK34 138 1	243014	05GRBLOP	245476	05ROB PK34	1	138	205	AEP	219	255	Base Case	0	-42.8	-	19.57	0	-0.08%	-0.08%	0.03%	
1397	243778 05TIMKEN B 138 245001 05TIMKEN C 138 Z1	243778	05TIMKEN B	245001	05TIMKEN C	Z1	138	205	AEP	285	302	Base Case	0	-55.8	-	19.56	0	0.07%	0.07%	-0.02%	
1398	243313 05HUNT J 138 243367 05ROCKCR 138 1	243313	05HUNT J	243367	05ROCKCR	1	138	205	AEP	257	337	Base Case	0	-50.2	-	19.53	0	-0.03%	-0.03%	0.04%	
1399	239217 02REEDSB 138 246325 05NOTTINGH56 138 1	239217	02REEDSB	246325	05NOTTINGH56	1	138	202/205	ATSI/AEP	233	282	Base Case	0	-45.4	-	19.5	0	0.14%	0.14%	0.04%	
1400	243161 05ZANESV 138 247497 05CLOUSE 138 1	243161	05ZANESV	247497	05CLOUSE	1	138	205	AEP	150	167	Base Case	0	29.2	-	19.49	0	0.07%	0.07%	-0.04%	
1401	243526 05HYATT 138 247199 05AMLIN 138 1	243526	05HYATT	247199	05AMLIN	1	138	205	AEP	564	747	Base Case	0	109.7	-	19.46	0	0.05%	0.05%	0.01%	
1402	243003 05FAYETTE Z 138 243095 05SCOTTOWNSS 138 1	243003	05FAYETTE Z	243095	05SCOTTOWNSS	1	138	205	AEP	167	167	Base Case	0	32.5	-	19.44	0	-0.03%	-0.03%	0.07%	
1403	243492 05CORWIN 138 247791 05ELK 138 1	243492	05CORWIN	247791	05ELK	1	138	205	AEP	219	255	Base Case	0	42.5	-	19.42	0	-0.06%	-0.06%	0.07%	
1404	242607 05CLOVRD 138 243883 05LAKEFR 138 1	242607	05CLOVRD	243883	05LAKEFR	1	138	205	AEP	205	284	Base Case	0	39.8	-	19.4	0	-0.01%	-0.01%	-0.23%	
1405	247132 05ELLISN 138 247831 05DALMATN SS 138 1	247132	05ELLISN	247831	05DALMATN SS	1	138	205	AEP	293	341	Base Case	0	56.8	-	19.38	0	-0.02%	-0.02%	0.01%	
1406	243215 05COOK 345 243229 05OLIVE 345 1	243215	05COOK	243229	05OLIVE	1	345	205	AEP	1188	1409	Base Case	0	230	-	19.36	0	0.66%	0.66%	0.17%	
1407	242546 05BAILS1 138 242559 05BOLT Z 138 1	242546	05BAILS1	242559	05BOLT Z	1	138	205	AEP	223	223	Base Case	0	43.1	-	19.35	0	-0.03%	-0.03%	0.17%	
1408	240346 02GROVWDQ11 138 241935 02CLINTON 138 ZL	240346	02GROVWDQ11	241935	02CLINTON	ZL	138	202	ATSI	347	423	Base Case	0	-67.1	-	19.33	0	0.00%	0.00%	0.00%	
1409	242593 05CHEM 2 138 242617 05DALEWD 138 1	242593	05CHEM 2	242617	05DALEWD	1	138	205	AEP	296	398	Base Case	0	-57.1	-	19.28	0	-0.05%	-0.05%	-0.06%	
1410	239076 02ROSS 138 239237 02CLVR-S 138 1	239076	02ROSS	239237	02CLVR-S	1	138	202	ATSI	251	290	Base Case	0	-48.3	-	19.26	0	0.36%	0.36%	0.07%	
1411	243560 05ROBERT 138 243588 05WILSON 138 1	243560	05ROBERT	243588	05WILSON	1	138	205	AEP	196	247	Base Case	0	37.7	-	19.22	0	0.04%	0.04%	-0.01%	
1412	242989 05E LIMA 138 243066 05NW LIM 138 1	242989	05E LIMA	243066	05NW LIM	1	138	205	AEP	205	205	Base Case	0	39.4	-	19.21	0	0.01%	0.01%	-0.06%	
1413	243485 05CLINTO 138 243576 05ST.CLX 138 1	243485	05CLINTO	243576	05ST.CLX	1	138	205	AEP	142	179	Base Case	0	27.3	-	19.21	0	-0.01%	-0.01%	-0.03%	
1414	242631 05EDAN 1 138 242632 05EDAN 2 138 Z1	242631	05EDAN 1	242632	05EDAN 2	Z1	138	205	AEP	296	296	Base Case	0	-56.8	-	19.2	0	0.18%	0.18%	1.48%	
1415	242752 05PINCKZ 138 242753 05PINECK 138 1	242752	05PINCKZ	242753	05PINECK	1	138	205	AEP	52	52	Base Case	0	10	-	19.2	0	0.00%	0.00%	0.00%	
1416	242586 05CAVE SPR2Z 138 242815 05STARKE 138 1	242586	05CAVE SPR2Z	242815	05STARKE	1	138	205	AEP	187	240	Base Case	0	-35.9	-	19.2	0	-0.03%	-0.03%	-0.18%	
1417	243491 05CORRID 138 243856 05JUG ST 1-6 138 1	243491	05CORRID	243856	05JUG ST 1-6	1	138	205	AEP	747	747	Base Case	0	143.4	-	19.2	0	-0.01%	-0.01%	-0.01%	
1418	243499 05DUBLIN 138 247199 05AMLIN 138 1	243499	05DUBLIN	247199	05AMLIN	1	138	205	AEP	296	413	Base Case	0	-56.8	-	19.19	0	-0.02%	-0.02%	-0.01%	
1419	243219 05DUMONT 345 243918 05ELDERBERRY 345 1	243219	05DUMONT	243918	05ELDERBERRY	1	345	205	AEP	1409	1868	Base Case	0	-270.3	-	19.18	0	-0.88%	-0.88%	-0.65%	
1420	242586 05CAVE SPR2Z 138 242663 05HANCK1 138 1	242586	05CAVE SPR2Z	242663	05HANCK1	1	138	205	AEP	187	205	Base Case	0	35.9	-	19.18	0	-0.03%	-0.03%	-0.18%	
1421	242945 05SW LIM 345 243122 05SW LIM 138 1	242945	05SW LIM	243122	05SW LIM	1	345/138	205	AEP	574	579	Base Case	0	110.1	-	19.18	0	0.06%	0.06%	0.11%	
1422	243698 05MORGFK 138 244688 05BEAVER CR2 138 1	243698	05MORGFK	244688	05BEAVER CR2	1	138	205	AEP	223	223	Base Case	0	-42.7	-	19.16	0	0.00%	0.00%	0.17%	
1423	238954 02MCDOWL 138 239934 02HEASLEY 138 1	238954	02MCDOWL	239934	02HEASLEY	1	138	202	ATSI	176	229	Base Case	0	-33.7	-	19.15	0	-0.55%	-0.55%	0.00%	
1424	243260 05CNTYRD 138 243356 05OSOLO1 138 1	243260	05CNTYRD	243356	05OSOLO1	1	138	205	AEP	164	180	Base Case	0	31.4	-	19.14	0	-0.04%	-0.04%	-0.02%	
1425	243765 05FORD LIMA1 138 246155 05FORD LIMA2 138 Z1	243765	05FORD LIMA1	246155	05FORD LIMA2	Z1	138	205	AEP	219	255	Base Case	0	-41.9	-	19.13	0	0.01%	0.01%	-0.03%	
1426	239728 02BLKRVR 138 239739 02CROMWELL 138 1	239728	02BLKRVR	239739	02CROMWELL	1	138	202	ATSI	233	282	Base Case	0	44.5	-	19.12	0	-0.15%	-0.15%	-0.01%	
1427	239728 02BLKRVR 138 239739 02CROMWELL 138 2	239728	02BLKRVR	239739	02CROMWELL	2	138	202	ATSI	233	282	Base Case	0	44.5	-	19.12	0	-0.15%	-0.15%	-0.01%	
1428	250026 08FLDMN2 138 250095 08RMNTN2 138 1	250026	08FLDMN2	250095	08RMNTN2	1	138	212	DEO&K	198	198	Base Case	0	37.8	-	19.1	0	0.01%	0.01%	0.03%	
1429	238598 02CADQ18 138 240248 02DLQ-18 138 1	238598	02CADQ18	240248	02DLQ-18	1	138	202	ATSI	237	287	Base Case	0	45.2	-	19.08	0	-0.01%	-0.01%	0.00%	
1430	242564 05BRADL1 138 242758 05POLEYD 138 1	242564	05BRADL1	242758	05POLEYD	1	138	205	AEP	205	205	Base Case	0	39.1	-	19.06	0	0.03%	0.03%	-0.07%	
1431	243278 05DESOTO 138 246629 05SELMA P_BP 138 1	243278	05DESOTO	246629	05SELMA P_BP	1	138	205	AEP	185	185	Base Case	0	35.2	-	19.05	0	-0.03%	-0.03%	-0.03%	
1432	243878 05MEADOW 345 255205 17REYNOLDS 345 2	243878	05MEADOW	255205	17REYNOLDS	2	345	205/217	AEP/NIPS	1868	1868	Base Case	0	355.7	-	19.04	0	0.06%	0.06%	0.41%	
1433	242946 05TIDD 345 247797 05STEMPLE 345 1	242946	05TIDD	247797	05STEMPLE	1	345	205	AEP	1025	1318	Base Case	0	195.2	-	19.04	0	0.48%	0.48%	0.18%	
1434	243344 05MODOC 138 246629 05SELMA P_BP 138 1	243344	05MODOC	246629	05SELMA P_BP	1	138	205	AEP	185	185	Base Case	0	-35.2	-	19.01	0	-0.03%	-0.03%	-0.03%	
1435	249989 08BKJ246 138 250080 08NWTWN2 138 1	249989	08BKJ246	250080	08NWTWN2	1	138	212	DEO&K	332	332	Base Case	0	63.1	-	19.01	0	0.06%	0.06%	0.06%	
1436	243006 05FOSTOR 138 244341 05SOFTAIL SS 138 1	243006	05FOSTOR	244341	05SOFTAIL SS	1	138	205	AEP	145	145	Base Case	0	27.5	-	18.99	0	-0.01%	-0.01%	0.00%	
1437	243878 05MEADOW 345 255205 17REYNOLDS 345 1	243878	05MEADOW	255205	17REYNOLDS	1	345	205/217	AEP/NIPS	1868	1868	Base Case	0	354.5	-	18.98	0	0.06%	0.06%	0.41%	
1438	243368 05ROSEHI 138 246656 05PENDLETON2 138 1	243368	05ROSEHI	246656	05PENDLETON2	1	138	205	AEP	195	220	Base Case	0	-37	-	18.97	0	0.02%	0.02%	0.06%	
1439	243013 05GAVIN1 138 243069 05FIREBR 138 1	243013	05GAVIN1	243069	05FIREBR	1	138	205	AEP	185	185	Base Case	0	35.1	-	18.95	0	0.10%	0.10%	0.05%	
1440	243696 05KYELEC 138 246885 05MOORE HOLW 138 1	243696	05KYELEC	246885	05MOORE HOLW	1	138	205	AEP	296	413	Base Case	0	56	-	18.93	0	0.02%	0.02%	0.03%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1441	238768 02GRNFLD 138 238874 02LAKVEW 138 1	238768	02GRNFLD	238874	02LAKVEW	1	138	202	ATSI	320	385	Base Case	0	-60.6	-	18.92	0	-0.44%	-0.44%	-0.07%	
1442	238731 02FOX 345 238783 02HARDIN 345 2	238731	02FOX	238783	02HARDIN	2	345	202	ATSI	1195	1195	Base Case	0	-226	-	18.92	0	0.37%	0.37%	0.04%	
1443	238851 02KD Q-1 138 238882 02LE Q-1 138 1	238851	02KD Q-1	238882	02LE Q-1	1	138	202	ATSI	273	332	Base Case	0	-51.6	-	18.91	0	0.00%	0.00%	0.00%	
1444	243231 05ROB PK 345 255105 17HIPLE 345 1	243231	05ROB PK	255105	17HIPLE	1	345	205/217	AEP/NIPS	1409	1409	Base Case	0	-266.4	-	18.91	0	-0.56%	-0.56%	-0.41%	
1445	243524 05HESS NORTH 138 243551 05OSU 138 1	243524	05HESS NORTH	243551	05OSU	1	138	205	AEP	187	240	Base Case	0	-35.3	-	18.9	0	0.02%	0.02%	-0.02%	
1446	242958 05BATTLE 138 243138 05W.LIBERTYZ 138 2	242958	05BATTLE	243138	05W.LIBERTYZ	2	138	205	AEP	205	205	Base Case	0	-38.7	-	18.86	0	0.15%	0.15%	-0.10%	
1447	242952 05SHEPLER SS 138 245001 05TIMKEN C 138 1	242952	05SHEPLER SS	245001	05TIMKEN C	1	138	205	AEP	296	361	Base Case	0	55.8	-	18.84	0	0.07%	0.07%	-0.02%	
1448	238586 02BRKSID 138 246325 05NOTTINGH56 138 1	238586	02BRKSID	246325	05NOTTINGH56	1	138	202/205	ATSI/AEP	233	282	Base Case	0	-43.9	-	18.83	0	0.14%	0.14%	0.05%	
1449	243291 05ENGLER 138 247132 05ELLISN 138 1	243291	05ENGLER	247132	05ELLISN	1	138	205	AEP	296	361	Base Case	0	-55.7	-	18.83	0	-0.01%	-0.01%	0.02%	
1450	239040 02PGTP12 138 239057 02LRCRQ4 138 1	239040	02PGTP12	239057	02LRCRQ4	1	138	202	ATSI	148	151	Base Case	0	-27.8	-	18.8	0	0.12%	0.12%	-0.04%	
1451	238959 02MFLDQ4 138 239040 02PGTP12 138 1	238959	02MFLDQ4	239040	02PGTP12	1	138	202	ATSI	148	151	Base Case	0	-27.8	-	18.8	0	0.12%	0.12%	-0.04%	
1452	242998 05EPOINT 138 243070 05OHIOCT 138 1	242998	05EPOINT	243070	05OHIOCT	1	138	205	AEP	205	255	Base Case	0	-38.4	-	18.75	0	-0.11%	-0.11%	-0.06%	
1453	238817 02IKQ-18 138 238840 02JNPRQ1 138 1	238817	02IKQ-18	238840	02JNPRQ1	1	138	202	ATSI	223	286	Base Case	0	-41.8	-	18.74	0	-0.04%	-0.04%	0.02%	
1454	242676 05HUNTCT 138 247631 05BENNINGTON 138 1	242676	05HUNTCT	247631	05BENNINGTON	1	138	205	AEP	329	361	Base Case	0	61.6	-	18.73	0	0.10%	0.10%	-0.22%	
1455	239161 02WAKRON 138 239614 02BATH 138 1	239161	02WAKRON	239614	02BATH	1	138	202	ATSI	196	242	Base Case	0	36.7	-	18.73	0	-0.03%	-0.03%	0.09%	
1456	243098 05SHARPR 138 243153 05WMTVER 138 1	243098	05SHARPR	243153	05WMTVER	1	138	205	AEP	158	183	Base Case	0	29.6	-	18.72	0	0.04%	0.04%	0.10%	
1457	243217 05DEQUIN 345 249525 08WESTWD 345 1	243217	05DEQUIN	249525	08WESTWD	1	345	205/208	AEP/DEI	1025	1217	Base Case	0	191.9	-	18.72	0	-0.02%	-0.02%	-0.03%	
1458	247133 05ROCKP WRK1 765 243239 05ROCKP WRK1 138 7	247133	05ROCKP WRK1	243239	05ROCKP WRK1	7	765/138	205	AEP	98	111	Base Case	0	18.3	-	18.71	0	0.00%	0.00%	0.00%	
1459	247135 05ROCKP WRK2 765 243240 05ROCKP WRK2 138 8	247135	05ROCKP WRK2	243240	05ROCKP WRK2	8	765/138	205	AEP	98	111	Base Case	0	18.3	-	18.71	0	0.00%	0.00%	0.00%	
1460	243580 05SULVNT 138 243854 05REAVER 138 1	243580	05SULVNT	243854	05REAVER	1	138	205	AEP	223	267	Base Case	0	-41.6	-	18.67	0	-0.08%	-0.08%	-0.02%	
1461	241901 02LALLENDORF 345 264612 19MON12 345 1	241901	02LALLENDORF	264612	19MON12	1	345	202/219	ATSI/ITCT	1486	1702	Base Case	0	-277.4	-	18.67	0	-0.99%	-0.99%	-0.07%	
1462	238772 02GTQ-12 138 238819 02ILQ-12 138 1	238772	02GTQ-12	238819	02ILQ-12	1	138	202	ATSI	273	332	Base Case	0	-50.9	-	18.65	0	-0.09%	-0.09%	-0.01%	
1463	242978 05CANALR 138 243000 05EWOOST 138 1	242978	05CANALR	243000	05EWOOST	1	138	205	AEP	205	205	Base Case	0	38.2	-	18.64	0	0.10%	0.10%	0.00%	
1464	238908 02LONDON 138 240709 02N TITUS 138 1	238908	02LONDON	240709	02N TITUS	1	138	202	ATSI	176	229	Base Case	0	32.8	-	18.62	0	0.07%	0.07%	0.03%	
1465	238797 02HGHLND 138 239056 02R.M. + 138 1	238797	02HGHLND	239056	02R.M. +	1	138	202	ATSI	157	196	Base Case	0	29.2	-	18.62	0	-0.01%	-0.01%	0.00%	
1466	247807 05ROUSE 138 247833 05LAMPING 138 1	247807	05ROUSE	247833	05LAMPING	1	138	205	AEP	257	360	Base Case	0	-47.8	-	18.62	0	-0.15%	-0.15%	-0.14%	
1467	238933 02LYDQ14 138 238951 02MBQ-14 138 1	238933	02LYDQ14	238951	02MBQ-14	1	138	202	ATSI	324	395	Base Case	0	-60.2	-	18.59	0	0.12%	0.12%	-0.04%	
1468	242524 05CLOVRD 345 242527 05M FUNK 345 1	242524	05CLOVRD	242527	05M FUNK	1	345	205	AEP	1025	1132	Base Case	0	190.5	-	18.59	0	0.78%	0.78%	1.60%	
1469	242511 05BROADF 765 242566 05BROADF 138 1	242511	05BROADF	242566	05BROADF	1	765/138	205	AEP	696	696	Base Case	0	129.4	-	18.59	0	0.28%	0.28%	0.37%	
1470	243261 05COLBYTAPSS 138 243386 05VALLY 138 1	243261	05COLBYTAPSS	243386	05VALLY	1	138	205	AEP	296	361	Base Case	0	55	-	18.58	0	-0.01%	-0.01%	0.00%	
1471	244143 05KUCHAR 138 244173 05SILVER LAK 138 1	244143	05KUCHAR	244173	05SILVER LAK	1	138	205	AEP	251	335	Base Case	0	-46.6	-	18.58	0	0.08%	0.08%	0.05%	
1472	243475 05BLENDO 138 243547 05MORSE 138 1	243475	05BLENDO	243547	05MORSE	1	138	205	AEP	297	338	Base Case	0	55.2	-	18.57	0	0.05%	0.05%	0.01%	
1473	242598 05CHNC Z 138 242705 05LOGAN2 138 1	242598	05CHNC Z	242705	05LOGAN2	1	138	205	AEP	167	167	Base Case	0	-30.9	-	18.52	0	0.06%	0.06%	0.04%	
1474	243664 05HAZARD 161 243668 05WOOTON 161 1	243664	05HAZARD	243668	05WOOTON	1	161	205	AEP	300	420	Base Case	0	-55.6	-	18.52	0	-0.11%	-0.11%	-0.04%	
1475	242696 05KOPPER 138 247795 05LACEY BRCH 138 1	242696	05KOPPER	247795	05LACEY BRCH	1	138	205	AEP	223	223	Base Case	0	41.3	-	18.5	0	-0.02%	-0.02%	0.15%	
1476	238646 02CW TP3 138 241929 02AVQ3 138 1	238646	02CW TP3	241929	02AVQ3	1	138	202	ATSI	437	502	Base Case	0	-80.8	-	18.49	0	-0.26%	-0.26%	-0.03%	
1477	238717 02-5POINT+ 138 239027 02OILEVS 138 1	238717	02-5POINT+	239027	02OILEVS	1	138	202	ATSI	288	346	Base Case	0	53.2	-	18.47	0	0.05%	0.05%	0.01%	
1478	238889 02LEMOYN 345 239370 02DOWLING 345 1	238889	02LEMOYN	239370	02DOWLING	1	345	202	ATSI	1542	1878	Base Case	0	284.8	-	18.47	0	0.40%	0.40%	0.11%	
1479	242855 05WYOMIN 138 247634 05LYBURN SS 138 1	242855	05WYOMIN	247634	05LYBURN SS	1	138	205	AEP	296	413	Base Case	0	54.6	-	18.46	0	0.08%	0.08%	0.20%	
1480	239043 02PINE 138 239075 02ROSEMT 138 1	239043	02PINE	239075	02ROSEMT	1	138	202	ATSI	233	282	Base Case	0	43	-	18.46	0	-0.04%	-0.04%	0.04%	
1481	242730 05NBECKL 138 242758 05POLEYD 138 1	242730	05NBECKL	242758	05POLEYD	1	138	205	AEP	164	180	Base Case	0	-30.2	-	18.42	0	0.03%	0.03%	-0.07%	
1482	253047 09MIAMI 345 253069 09SHELBY 345 1	253047	09MIAMI	253069	09SHELBY	1	345	209	DAY	1255	1374	Base Case	0	231.2	-	18.42	0	-0.44%	-0.44%	0.24%	
1483	242628 05E.LYNN 138 242699 05LAVALT 138 1	242628	05E.LYNN	242699	05LAVALT	1	138	205	AEP	219	255	Base Case	0	-40.3	-	18.4	0	-0.05%	-0.05%	-0.14%	
1484	243275 05DELAWR1 138 243393 05WESDEL 138 1	243275	05DELAWR1	243393	05WESDEL	1	138	205	AEP	219	223	Base Case	0	-40.3	-	18.4	0	0.02%	0.02%	0.01%	
1485	243524 05HESS NORTH 138 246094 05VINE_X 138 1	243524	05HESS NORTH	246094	05VINE_X	1	138	205	AEP	183	243	Base Case	0	33.7	-	18.4	0	-0.05%	-0.05%	-0.03%	
1486	242936 05FOSTOR 345 242942 05SBERWI 345 1	242936	05FOSTOR	242942	05SBERWI	1	345	205	AEP	1409	1409	Base Case	0	259	-	18.38	0	-0.72%	-0.72%	-0.74%	
1487	247373 05MUSKNG2A 138 247434 05MUSKNG_DSZ 138 ZQ	247373	05MUSKNG2A	247434	05MUSKNG_DSZ	ZQ	138	205	AEP	747	747	Base Case	0	-137.2	-	18.37	0	-0.15%	-0.15%	0.05%	
1488	239037 02PGQ-11 138 239039 02PGTP11 138 1	239037	02PGQ-11	239039	02PGTP11	1	138	202	ATSI	115	115	Base Case	0	-21.1	-	18.34	0	0.00%	0.00%	0.00%	
1489	243233 05TANNER 345 243792 05LOSANTVILL 345 2	243233	05TANNER	243792	05LOSANTVILL	2	345	205	AEP	648	648	Base Case	0	118.8	-	18.34	0	0.16%	0.16%	0.22%	
1490	242926 05MALIS 765 242928 05MARYSV 765 1	242926	05MALIS	242928	05MARYSV	1	765	205	AEP	4047	4142	Base Case	0	-742	-	18.33	0	-4.30%	-4.30%	-0.62%	
1491	243010 05FTHENR 138 247775 05DIXON SS 138 1	243010	05FTHENR	247775	05DIXON SS	1	138	205	AEP	205	284	Base Case	0	-37.5	-	18.31	0	0.14%	0.14%	-0.09%	
1492	243673 05BEEFHI 138 243687 05FLEMIN 138 1	243673	05BEEFHI	243687	05FLEMIN	1	138	205	AEP	158	180	Base Case	0	28.9	-	18.3	0	0.01%	0.01%	0.01%	
1493	243694 05INEZ 138 246896 05WOLFSS 138 1	243694	05INEZ	246896	05WOLFSS	1	138	205	AEP	226	251	Base Case	0	41.3	-	18.29	0	-0.07%	-0.07%	-0.12%	
1494	243697 05LOVELY 138 246896 05WOLFSS 138 1	243697	05LOVELY	246896	05WOLFSS	1	138	205	AEP	226	251	Base Case	0	-41.3	-	18.28	0	-0.07%	-0.07%	-0.12%	
1495	250018 08EMWOD1 138 250056 08LTERL8 138 1	250018	08EMWOD1	250056	08LTERL8	1	138	212	DEO&K	264	264	Base Case	0	-48.2	-	18.26	0	0.02%	0.02%	0.01%	
1496	239129 02SYLVNA 138 239320 02FLWR HOSP 138 1	239129	02SYLVNA	239320	02FLWR HOSP	1	138	202	ATSI	278	343	Base Case	0	50.7	-	18.23	0	-0.05%	-0.05%	0.01%	
1497	239142 02TUSC 138 239362 02INVOLTA 138 1	239142	02TUSC	239362	02INVOLTA	1	138	202	ATSI	233	282	Base Case	0	42.5	-	18.22	0	-0.06%	-0.06%	-0.05%	
1498	238696 02ELWOD+ 138 238944 02MASURY 138 1	238696	02ELWOD+	238944	02MASURY	1	138	202	ATSI	128	165	Base Case	0	-23.3	-	18.21	0	0.02%	0.02%	-0.03%	
1499	243688 05S.PORT MTR 138 342538 4ARGENTUM 138 1	243688	05S.PORT MTR	342538	4ARGENTUM	1	138	205/320	AEP/EKPC	170	170	Base Case	0	-30.9	-	18.2	0	-0.03%	-0.03%	0.00%	
1500	243291 05ENGLER 138 243338 05MCKINLEY3 138 1	243291	05ENGLER	243338	05MCKINLEY3	1	138	205	AEP	285	361	Base Case	0	51.8	-	18.19	0	-0.01%	-0.01%	0.02%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1501	247868 05N.CLAYTOR 138 247870 05CLAYTR HY2 138 1	247868	05N.CLAYTOR	247870	05CLAYTR HY2	1	138	205	AEP	136	167	Base Case	0	-24.7	-	18.18	0	0.00%	0.00%	0.02%	
1502	238586 02BRKSID 138 239076 02ROSS 138 1	238586	02BRKSID	239076	02ROSS	1	138	202	ATSI	251	290	Base Case	0	-45.6	-	18.18	0	0.36%	0.36%	0.07%	
1503	243320 05KANKAKEE2 138 243388 05W SIDE 138 1	243320	05KANKAKEE2	243388	05W SIDE	1	138	205	AEP	205	205	Base Case	0	37.3	-	18.18	0	-0.02%	-0.02%	-0.01%	
1504	250076 08MTGRY2 138 250094 08RMNTN1 138 1	250076	08MTGRY2	250094	08RMNTN1	1	138	212	DEO&K	198	198	Base Case	0	36	-	18.18	0	-0.01%	-0.01%	-0.03%	
1505	238528 02AETNA 138 239161 02WAKRON 138 1	238528	02AETNA	239161	02WAKRON	1	138	202	ATSI	124	124	Base Case	0	-22.5	-	18.15	0	-0.07%	-0.07%	-0.03%	
1506	239137 02THEIS 138 239148 02VALLEY 138 1	239137	02THEIS	239148	02VALLEY	1	138	202	ATSI	200	242	Base Case	0	36.2	-	18.1	0	0.04%	0.04%	-0.03%	
1507	239077 02RVERBD 138 239120 02SSPRNG 138 1	239077	02RVERBD	239120	02SSPRNG	1	138	202	ATSI	223	223	Base Case	0	-40.4	-	18.1	0	-0.13%	-0.13%	-0.03%	
1508	253047 09MIAMI 345 253090 09WMILTN 345 1	253047	09MIAMI	253090	09WMILTN	1	345	209	DAY	1195	1195	Base Case	0	-216.2	-	18.09	0	-0.48%	-0.48%	-0.10%	
1509	243151 05WMILLS 138 243158 05WOOSTE 138 1	243151	05WMILLS	243158	05WOOSTE	1	138	205	AEP	185	250	Base Case	0	33.4	-	18.07	0	-0.21%	-0.21%	0.04%	
1510	242673 05HUBTWN 138 243669 05B SAND 138 1	242673	05HUBTWN	243669	05B SAND	1	138	205	AEP	292	330	Base Case	0	-52.7	-	18.05	0	0.00%	0.00%	0.17%	
1511	243006 05FOSTOR 138 243039 05MELMOR 138 1	243006	05FOSTOR	243039	05MELMOR	1	138	205	AEP	167	167	Base Case	0	30.1	-	18.04	0	-0.13%	-0.13%	-0.01%	
1512	243511 05GAY 138 243580 05SULVNT 138 1	243511	05GAY	243580	05SULVNT	1	138	205	AEP	231	277	Base Case	0	-41.6	-	18.02	0	-0.08%	-0.08%	-0.02%	
1513	247370 05MUSKNG1A 138 247434 05MUSKNG_DSZ 138 ZR	247370	05MUSKNG1A	247434	05MUSKNG_DSZ	ZR	138	205	AEP	747	747	Base Case	0	-134.5	-	18.01	0	-0.35%	-0.35%	-0.06%	
1514	238904 02LMQ-11 138 241922 02ELQ2 138 1	238904	02LMQ-11	241922	02ELQ2	1	138	202	ATSI	324	382	Base Case	0	-58.2	-	17.97	0	0.16%	0.16%	-0.05%	
1515	242650 05GLENL1 138 242668 05HINTON 138 1	242650	05GLENL1	242668	05HINTON	1	138	205	AEP	388	416	Base Case	0	69.7	-	17.96	0	0.08%	0.08%	0.72%	
1516	242520 05J.FERR 500 306719 8ANTIOCH 500 1	242520	05J.FERR	306719	8ANTIOCH	1	500	205/342	AEP/DUK	2204	2490	Base Case	0	-395.7	-	17.95	0	0.47%	0.47%	9.26%	
1517	242714 05MEADWV 138 242789 05SALTV2 138 1	242714	05MEADWV	242789	05SALTV2	1	138	205	AEP	136	167	Base Case	0	24.4	-	17.95	0	-0.11%	-0.11%	-0.09%	
1518	242752 05PINCKZ 138 242761 05RAGLDZ 138 1	242752	05PINCKZ	242761	05RAGLDZ	1	138	205	AEP	167	167	Base Case	0	30	-	17.95	0	0.06%	0.06%	0.04%	
1519	242935 05E LIMA 345 243902 05HARDIN SS 345 1	242935	05E LIMA	243902	05HARDIN SS	1	345	205	AEP	897	1123	Base Case	0	-161	-	17.95	0	0.63%	0.63%	0.74%	
1520	243902 05HARDIN SS 345 243903 05GUNN RD SS 345 1	243902	05HARDIN SS	243903	05GUNN RD SS	1	345	205	AEP	897	1151	Base Case	0	-161	-	17.95	0	0.63%	0.63%	0.74%	
1521	238568 02BAYSHO 138 239140 02TOUSNT 138 1	238568	02BAYSHO	239140	02TOUSNT	1	138	202	ATSI	235	288	Base Case	0	42.1	-	17.93	0	-0.16%	-0.16%	-0.02%	
1522	243360 05POKAGO 138 246764 05SAUKTR 138 1	243360	05POKAGO	246764	05SAUKTR	1	138	205	AEP	335	392	Base Case	0	59.9	-	17.89	0	-0.02%	-0.02%	-0.04%	
1523	238777 02HAMIL+ 138 933720 AC2-195 TAP 138 1	238777	02HAMIL+	933720	AC2-195 TAP	1	138	202	ATSI	200	242	Base Case	0	35.8	-	17.88	0	0.07%	0.07%	-0.08%	
1524	238667 02DUALR+ 138 933720 AC2-195 TAP 138 1	238667	02DUALR+	933720	AC2-195 TAP	1	138	202	ATSI	200	242	Base Case	0	-35.8	-	17.88	0	0.07%	0.07%	-0.08%	
1525	242935 05E LIMA 345 242945 05SW LIM 345 1	242935	05E LIMA	242945	05SW LIM	1	345	205	AEP	971	971	Base Case	0	173.3	-	17.84	0	0.01%	0.01%	-0.47%	
1526	239123 02STAR 138 239238 02SEVM 138 1	239123	02STAR	239238	02SEVM	1	138	202	ATSI	233	282	Base Case	0	41.5	-	17.83	0	0.11%	0.11%	0.04%	
1527	242986 05CROOKS 138 243107 05SPENCR 138 1	242986	05CROOKS	243107	05SPENCR	1	138	205	AEP	134	167	Base Case	0	-23.9	-	17.82	0	-0.14%	-0.14%	0.15%	
1528	243247 05AUBURN 138 247790 05DUNTONLAKE 138 2	243247	05AUBURN	247790	05DUNTONLAKE	2	138	205	AEP	323	392	Base Case	0	-57.5	-	17.8	0	0.02%	0.02%	0.02%	
1529	243519 05HALLRD 138 243587 05WILSNZ 138 1	243519	05HALLRD	243587	05WILSNZ	1	138	205	AEP	223	223	Base Case	0	39.7	-	17.8	0	-0.07%	-0.07%	0.00%	
1530	239278 02BRDVIE 138 253085 09URBANA 138 1	239278	02BRDVIE	253085	09URBANA	1	138	202/209	ATSI/DAY	221	272	Base Case	0	-39.3	-	17.79	0	-0.07%	-0.07%	-0.02%	
1531	242550 05BEARSK 138 242802 05SMITHMTN 138 1	242550	05BEARSK	242802	05SMITHMTN	1	138	205	AEP	296	296	Base Case	0	-52.6	-	17.78	0	-0.09%	-0.09%	-1.54%	
1532	253057 09OHH 138 253255 09GEBHRT 138 1	253057	09OHH	253255	09GEBHRT	1	138	209	DAY	196	241	Base Case	0	-34.8	-	17.76	0	0.07%	0.07%	0.04%	
1533	243686 05EXCELT 138 243695 05JOHNSC 138 1	243686	05EXCELT	243695	05JOHNSC	1	138	205	AEP	410	527	Base Case	0	72.8	-	17.76	0	0.00%	0.00%	-0.14%	
1534	243215 05COOK 345 270139 AA2-116_TAP2 345 1	243215	05COOK	270139	AA2-116_TAP2	1	345	205	AEP	1409	1409	Base Case	0	249.5	-	17.7	0	-0.05%	-0.05%	-0.08%	
1535	247172 05EBERSO 138 247893 05FLAG CITY 138 1	247172	05EBERSO	247893	05FLAG CITY	1	138	205	AEP	150	212	Base Case	0	26.6	-	17.7	0	0.08%	0.08%	-0.06%	
1536	239144 02URBAN 138 239362 02INVOLTA 138 1	239144	02URBAN	239362	02INVOLTA	1	138	202	ATSI	233	282	Base Case	0	-41.2	-	17.7	0	-0.06%	-0.06%	-0.05%	
1537	253049 09MONUM1 138 253093 09WEBSTR 138 1	253049	09MONUM1	253093	09WEBSTR	1	138	209	DAY	301	374	Base Case	0	53.2	-	17.66	0	0.04%	0.04%	0.04%	
1538	242568 05BROOKV 138 247887 05MCCONVILLE 138 1	242568	05BROOKV	247887	05MCCONVILLE	1	138	205	AEP	167	245	Base Case	0	29.5	-	17.65	0	-0.02%	-0.02%	0.10%	
1539	243366 05ROB PK12 138 243389 05WALLEN 138 1	243366	05ROB PK12	243389	05WALLEN	1	138	205	AEP	287	337	Base Case	0	50.6	-	17.65	0	0.00%	0.00%	-0.05%	
1540	242819 05SULVN 138 244508 05RIGGS 138 1	242819	05SULVN	244508	05RIGGS	1	138	205	AEP	117	117	Base Case	0	20.6	-	17.64	0	0.03%	0.03%	0.27%	
1541	242773 05ROANO1 138 242840 05VINTON 138 1	242773	05ROANO1	242840	05VINTON	1	138	205	AEP	240	252	Base Case	0	-42.3	-	17.62	0	0.07%	0.07%	-0.12%	
1542	240988 02SHELBY_FS+ 138 240989 02SHELBY_FS 138 1	240988	02SHELBY_FS+	240989	02SHELBY_FS	1	138	202	ATSI	161	194	Base Case	0	28.4	-	17.61	0	0.00%	0.00%	0.00%	
1543	243331 05LINWOO 138 243368 05ROSEHI 138 1	243331	05LINWOO	243368	05ROSEHI	1	138	205	AEP	187	240	Base Case	0	-32.9	-	17.6	0	0.02%	0.02%	0.06%	
1544	238795 02HDGQ14 138 238924 02LTEQ14 138 1	238795	02HDGQ14	238924	02LTEQ14	1	138	202	ATSI	399	488	Base Case	0	70.2	-	17.59	0	-0.01%	-0.01%	0.01%	
1545	242536 05AMALOY 138 242807 05SPORN 138 1	242536	05AMALOY	242807	05SPORN	1	138	205	AEP	205	205	Base Case	0	-36	-	17.57	0	0.00%	0.00%	0.00%	
1546	238635 02CORTLD 138 238693 02ELM 138 1	238635	02CORTLD	238693	02ELM	1	138	202	ATSI	96	96	Base Case	0	-16.9	-	17.56	0	0.00%	0.00%	0.00%	
1547	253050 09MONUM2 138 253093 09WEBSTR 138 1	253050	09MONUM2	253093	09WEBSTR	1	138	209	DAY	218	269	Base Case	0	38.3	-	17.55	0	0.00%	0.00%	0.01%	
1548	238800 02HL Q-1 138 238810 02HO Q-1 138 1	238800	02HL Q-1	238810	02HO Q-1	1	138	202	ATSI	205	265	Base Case	0	-35.9	-	17.52	0	0.01%	0.01%	0.01%	
1549	242548 05BANCRO 138 242790 05S.BUFFALO 138 1	242548	05BANCRO	242790	05S.BUFFALO	1	138	205	AEP	334	334	Base Case	0	58.5	-	17.52	0	0.04%	0.04%	0.21%	
1550	238654 02DAV-BE 345 238889 02LEMOYN 345 1	238654	02DAV-BE	238889	02LEMOYN	1	345	202	ATSI	1411	1683	Base Case	0	247.1	-	17.51	0	1.51%	1.52%	-0.11%	
1551	238977 02N MED 138 239158 02W.MED 138 1	238977	02N MED	239158	02W.MED	1	138	202	ATSI	233	282	Base Case	0	40.8	-	17.51	0	-0.05%	-0.05%	-0.04%	
1552	247844 05CAPITOLH2 138 247846 05BULLIT ST1 138 1	247844	05CAPITOLH2	247846	05BULLIT ST1	1	138	205	AEP	296	413	Base Case	0	51.8	-	17.5	0	0.00%	0.00%	-0.09%	
1553	238568 02BAYSHO 138 238658 02DECANT 138 1	238568	02BAYSHO	238658	02DECANT	1	138	202	ATSI	235	287	Base Case	0	41	-	17.43	0	-0.17%	-0.17%	-0.03%	
1554	243458 05HYATT 345 246752 05VASSEL 345 1	243458	05HYATT	246752	05VASSEL	1	345	205	AEP	1370	1409	Base Case	0	-238.7	-	17.42	0	0.54%	0.54%	0.27%	
1555	243333 05MADISON1 138 243339 05MEADOW 138 1	243333	05MADISON1	243339	05MEADOW	1	138	205	AEP	136	167	Base Case	0	23.7	-	17.42	0	0.02%	0.02%	0.01%	
1556	239147 02UTTP2 138 239149 02VULCAN 138 ZL	239147	02UTTP2	239149	02VULCAN	ZL	138	202	ATSI	216	264	Base Case	0	37.6	-	17.41	0	0.04%	0.04%	-0.01%	
1557	243274 05DEER CRK1 138 246968 05DOOVIL 138 1	243274	05DEER CRK1	246968	05DOOVIL	1	138	205	AEP	187	240	Base Case	0	-32.6	-	17.41	0	-0.03%	-0.03%	-0.05%	
1558	253027 09GREENE 345 253079 09SUGRCK 345 1	253027	09GREENE	253079	09SUGRCK	1	345	209	DAY	1255	1374	Base Case	0	-218.4	-	17.4	0	-0.56%	-0.56%	-0.09%	
1559	243215 05COOK 345 270138 AA2-116_TAP1 345 1	243215	05COOK	270138	AA2-116_TAP1	1	345	205	AEP	1409	1409	Base Case	0	245.1	-	17.4	0	-0.06%	-0.06%	-0.08%	
1560	238543 02ASH_2 138 238544 02ASH_3 138 ZB	238543	02ASH_2	238544	02ASH_3	ZB	138	202	ATSI	999	999	Base Case	0	-173.7	-	17.39	0	0.46%	0.46%	-0.09%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1561	243690 05HATFLD 138 243694 05INEZ 138 1	243690	05HATFLD	243694	05INEZ	1	138	205	AEP	296	392	Base Case	0	-51.3	-	17.33	0	-0.03%	-0.03%	-0.10%	
1562	249566 08FOSTER 345 249578 08HILCRT 345 1	249566	08FOSTER	249578	08HILCRT	1	345	212	DEO&K	1455	1455	Base Case	0	-251.2	-	17.26	0	0.20%	0.20%	0.27%	
1563	250032 08FRFLD1 138 250066 08MLHSR1 138 1	250032	08FRFLD1	250066	08MLHSR1	1	138	212	DEO&K	198	198	Base Case	0	-34.2	-	17.25	0	0.02%	0.02%	-0.01%	
1564	253010 09BURDOX 138 253093 09WEBSTR 138 1	253010	09BURDOX	253093	09WEBSTR	1	138	209	DAY	306	380	Base Case	0	-52.7	-	17.22	0	0.00%	0.00%	0.02%	
1565	238852 02KD Q-3 138 238883 02LE Q-3 138 1	238852	02KD Q-3	238883	02LE Q-3	1	138	202	ATSI	273	332	Base Case	0	-46.9	-	17.19	0	0.00%	0.00%	0.00%	
1566	247806 05BELLRIDGSS 138 247807 05ROUSE 138 1	247806	05BELLRIDGSS	247807	05ROUSE	1	138	205	AEP	257	360	Base Case	0	-44.2	-	17.19	0	-0.15%	-0.15%	-0.14%	
1567	242627 05E.LYNC 138 242688 05JOSHUA 138 1	242627	05E.LYNC	242688	05JOSHUA	1	138	205	AEP	388	484	Base Case	0	-66.7	-	17.18	0	0.00%	0.00%	-0.47%	
1568	243481 05CANAL 138 243548 05MOUND 138 1	243481	05CANAL	243548	05MOUND	1	138	205	AEP	122	165	Base Case	0	20.9	-	17.16	0	-0.05%	-0.05%	0.03%	
1569	242633 05EDENSR 138 242849 05W.KINGSPT1 138 1	242633	05EDENSR	242849	05W.KINGSPT1	1	138	205	AEP	167	167	Base Case	0	-28.7	-	17.16	0	0.00%	0.00%	0.05%	
1570	238600 02CAIRNS 138 239196 02ARM+BU 138 1	238600	02CAIRNS	239196	02ARM+BU	1	138	202	ATSI	317	365	Base Case	0	54.4	-	17.15	0	-0.26%	-0.26%	0.03%	
1571	242634 05EDGEMO 138 242839 05VICKER 138 1	242634	05EDGEMO	242839	05VICKER	1	138	205	AEP	205	205	Base Case	0	35.2	-	17.15	0	-0.04%	-0.04%	-0.02%	
1572	242718 05MINNXM 138 242822 05SWITCHBACK 138 1	242718	05MINNXM	242822	05SWITCHBACK	1	138	205	AEP	296	296	Base Case	0	-50.7	-	17.13	0	-0.11%	-0.11%	-0.29%	
1573	250029 08FOSTER 138 250085 08PARK2 138 1	250029	08FOSTER	250085	08PARK2	1	138	212	DEO&K	301	301	Base Case	0	51.4	-	17.08	0	0.06%	0.06%	0.06%	
1574	242546 05BAILS1 138 242742 05PADFOR 138 1	242546	05BAILS1	242742	05PADFOR	1	138	205	AEP	219	223	Base Case	0	37.3	-	17.05	0	0.07%	0.07%	-0.12%	
1575	242844 05W.BASS 138 243799 05FIELDALE2 138 1	242844	05W.BASS	243799	05FIELDALE2	1	138	205	AEP	187	234	Base Case	0	-31.9	-	17.04	0	0.04%	0.04%	0.43%	
1576	242631 05EDAN 1 138 246972 05ROCKSP 138 1	242631	05EDAN 1	246972	05ROCKSP	1	138	205	AEP	257	349	Base Case	0	43.7	-	17.02	0	0.01%	0.01%	0.13%	
1577	243082 05ROCKHILL1 138 243765 05FORD LIMA1 138 1	243082	05ROCKHILL1	243765	05FORD LIMA1	1	138	205	AEP	167	240	Base Case	0	-28.4	-	17	0	0.01%	0.01%	-0.03%	
1578	239177 02WOODVI 138 245422 05W.END FOS2 138 1	239177	02WOODVI	245422	05W.END FOS2	1	138	202/205	ATSI/AEP	185	185	Base Case	0	31.4	-	16.97	0	0.01%	0.01%	-0.10%	
1579	242509 05AXTON 765 242514 05J.FERR 765 1	242509	05AXTON	242514	05J.FERR	1	765	205	AEP	1099	1099	Base Case	0	-186.5	-	16.97	0	-0.56%	-0.55%	-4.33%	
1580	250048 08KLEMN1 138 250049 08KLEMN2 138 Z1	250048	08KLEMN1	250049	08KLEMN2	Z1	138	212	DEO&K	406	454	Base Case	0	68.9	-	16.96	0	-0.03%	-0.03%	0.01%	
1581	238879 02LB Q13 138 239283 02PROQ13 138 1	238879	02LB Q13	239283	02PROQ13	1	138	202	ATSI	347	423	Base Case	0	58.8	-	16.94	0	0.00%	0.00%	0.00%	
1582	243091 05S.CALDWELL 138 243096 05SCUMBL 138 1	243091	05S.CALDWELL	243096	05SCUMBL	1	138	205	AEP	158	183	Base Case	0	26.7	-	16.92	0	-0.02%	-0.02%	0.02%	
1583	239132 02TALMDG 138 239320 02FLWR HOSP 138 1	239132	02TALMDG	239320	02FLWR HOSP	1	138	202	ATSI	278	287	Base Case	0	-47	-	16.91	0	-0.05%	-0.05%	0.01%	
1584	242528 05SPORN 345 248005 06KYGER 345 1	242528	05SPORN	248005	06KYGER	1	345	205/206	AEP/OVEC	1942	2332	Base Case	0	-328.2	-	16.9	0	-2.59%	-2.59%	-1.68%	
1585	243258 05CLEVEL 138 243517 05CAP AV 138 1	243258	05CLEVEL	243517	05CAP AV	1	138	205	AEP	205	284	Base Case	0	-34.5	-	16.82	0	-0.04%	-0.04%	-0.02%	
1586	242981 05CARROLLTN3 138 246126 05SUNNYSIDE2 138 1	242981	05CARROLLTN3	246126	05SUNNYSIDE2	1	138	205	AEP	335	392	Base Case	0	56.3	-	16.81	0	0.05%	0.05%	0.03%	
1587	243008 05FREMCT 138 243130 05TIFFIN 138 2	243008	05FREMCT	243130	05TIFFIN	2	138	205	AEP	283	396	Base Case	0	47.5	-	16.78	0	0.00%	0.00%	-0.09%	
1588	243008 05FREMCT 138 243130 05TIFFIN 138 1	243008	05FREMCT	243130	05TIFFIN	1	138	205	AEP	283	396	Base Case	0	47.5	-	16.78	0	0.00%	0.00%	-0.09%	
1589	243070 05OHIOCT 138 246010 05PHILO2 138 2	243070	05OHIOCT	246010	05PHILO2	2	138	205	AEP	136	167	Base Case	0	22.8	-	16.78	0	-0.12%	-0.12%	-0.06%	
1590	247829 05AVIATION 138 247831 05DALMATN SS 138 1	247829	05AVIATION	247831	05DALMATN SS	1	138	205	AEP	293	341	Base Case	0	-49.1	-	16.77	0	-0.02%	-0.02%	0.01%	
1591	250032 08FRFLD1 138 250131 08WILEY2 138 1	250032	08FRFLD1	250131	08WILEY2	1	138	212	DEO&K	198	198	Base Case	0	-33.2	-	16.75	0	-0.02%	-0.02%	0.02%	
1592	243146 05WHEBRO 138 243532 05KIRK 138 1	243146	05WHEBRO	243532	05KIRK	1	138	205	AEP	167	245	Base Case	0	28	-	16.74	0	0.06%	0.06%	0.01%	
1593	242920 05BELMON 765 242925 05KAMMER 765 1	242920	05BELMON	242925	05KAMMER	1	765	205	AEP	4047	4571	Base Case	0	677.1	-	16.73	0	-2.27%	-2.27%	3.09%	
1594	238544 02ASH_3 138 239098 02SBRNQ4 138 1	238544	02ASH_3	239098	02SBRNQ4	1	138	202	ATSI	148	151	Base Case	0	24.8	-	16.72	0	0.19%	0.19%	-0.04%	
1595	247527 05COVERT 345 256019 18PALISD 345 1	247527	05COVERT	256019	18PALISD	1	345	205/218	AEP/METC	1722	1919	Base Case	0	287.8	-	16.71	0	-0.55%	-0.55%	-0.27%	
1596	243305 05HACIEN 138 243366 05ROB PK12 138 1	243305	05HACIEN	243366	05ROB PK12	1	138	205	AEP	219	255	Base Case	0	-36.6	-	16.7	0	-0.03%	-0.03%	-0.02%	
1597	243264 05CONCOR 138 243283 05DUNLAP 138 1	243264	05CONCOR	243283	05DUNLAP	1	138	205	AEP	187	233	Base Case	0	-31.2	-	16.69	0	-0.02%	-0.02%	-0.01%	
1598	253031 09HALTER 138 253139 09ELDEAN 138 1	253031	09HALTER	253139	09ELDEAN	1	138	209	DAY	196	241	Base Case	0	-32.7	-	16.68	0	-0.05%	-0.05%	0.01%	
1599	243524 05HESS NORTH 138 245853 05HESS SOUTH 138 Z1	243524	05HESS NORTH	245853	05HESS SOUTH	Z1	138	205	AEP	158	183	Base Case	0	-26.3	-	16.68	0	-0.07%	-0.07%	-0.01%	
1600	238667 02DUALR+ 138 238668 02DUALRL 138 1	238667	02DUALR+	238668	02DUALRL	1	138	202	ATSI	98	114	Base Case	0	16.3	-	16.67	0	0.00%	0.00%	0.00%	
1601	247508 05SARDINIA 138 324267 4KENTON 138 1	247508	05SARDINIA	324267	4KENTON	1	138	205/363	AEP/LGEE	151	185	Base Case	0	-25.2	-	16.67	0	-0.06%	-0.06%	0.01%	
1602	253006 09BATH 345 253047 09MIAMI 345 1	253006	09BATH	253047	09MIAMI	1	345	209	DAY	1255	1374	Base Case	0	208.7	-	16.63	0	0.06%	0.06%	0.34%	
1603	242941 05OHIOCT 345 243070 05OHIOCT 138 1	242941	05OHIOCT	243070	05OHIOCT	1	345/138	205	AEP	753	830	Base Case	0	125.1	-	16.62	0	-0.31%	-0.31%	0.18%	
1604	238905 02LNC.PK 138 238910 02LOWELL 138 1	238905	02LNC.PK	238910	02LOWELL	1	138	202	ATSI	155	155	Base Case	0	-25.7	-	16.61	0	0.02%	0.02%	0.04%	
1605	238661 02DKQ-16 138 238983 02NASQ16 138 1	238661	02DKQ-16	238983	02NASQ16	1	138	202	ATSI	233	282	Base Case	0	38.7	-	16.6	0	0.02%	0.02%	0.00%	
1606	249574 08TDHNTR 345 249582 08GARVER 345 1	249574	08TDHNTR	249582	08GARVER	1	345	212	DEO&K	1509	1509	Base Case	0	250.5	-	16.6	0	-0.58%	-0.58%	-0.41%	
1607	239211 02IOQ-17 138 240350 02IV-NB+17 138 1	239211	02IOQ-17	240350	02IV-NB+17	1	138	202	ATSI	273	332	Base Case	0	45.3	-	16.58	0	-0.05%	-0.05%	0.02%	
1608	242521 05NAGEL 500 360102 8PHIPPS B NP 500 1	242521	05NAGEL	360102	8PHIPPS B NP	1	500	205/347	AEP/TVA	2522	2522	Base Case	0	-418	-	16.57	0	-0.73%	-0.73%	-0.85%	
1609	243885 05THORSS 138 243933 05AMBLER RDG 138 1	243885	05THORSS	243933	05AMBLER RDG	1	138	205	AEP	296	392	Base Case	0	48.9	-	16.54	0	-0.30%	-0.30%	0.05%	
1610	247804 05DEVOLA 138 247806 05BELLRIDGSS 138 1	247804	05DEVOLA	247806	05BELLRIDGSS	1	138	205	AEP	257	360	Base Case	0	-42.5	-	16.53	0	-0.15%	-0.15%	-0.14%	
1611	243225 05KEYSTN 345 243232 05SORENS 345 1	243225	05KEYSTN	243232	05SORENS	1	345	205	AEP	897	1301	Base Case	0	148.1	-	16.51	0	-0.03%	-0.03%	0.32%	
1612	246761 05THREEC 138 246762 05GRFN W 138 1	246761	05THREEC	246762	05GRFN W	1	138	205	AEP	140	140	Base Case	0	23.1	-	16.5	0	0.00%	0.00%	0.00%	
1613	243307 05HARTFO 138 243386 05VALLY 138 1	243307	05HARTFO	243386	05VALLY	1	138	205	AEP	219	251	Base Case	0	36.1	-	16.49	0	0.00%	0.00%	-0.01%	
1614	243355 05ONTWA8 SS 138 246764 05SAUKTR 138 1	243355	05ONTWA8 SS	246764	05SAUKTR	1	138	205	AEP	335	392	Base Case	0	-55.2	-	16.48	0	-0.02%	-0.02%	-0.04%	
1615	243377 05SORENS 138 246982 05HUNT JT_BP 138 1	243377	05SORENS	246982	05HUNT JT_BP	1	138	205	AEP	136	167	Base Case	0	22.4	-	16.47	0	-0.01%	-0.01%	-0.06%	
1616	245511 05INDUST PK2 138 246373 05SPY RUN1 138 1	245511	05INDUST PK2	246373	05SPY RUN1	1	138	205	AEP	287	337	Base Case	0	47.3	-	16.46	0	0.00%	0.00%	0.03%	
1617	243374 05SELWOO 138 243920 05MAKAHOY 138 1	243374	05SELWOO	243920	05MAKAHOY	1	138	205	AEP	158	183	Base Case	0	-25.9	-	16.42	0	0.00%	0.00%	0.00%	
1618	243218 05DESOTO 345 243222 05FALL C 345 1	243218	05DESOTO	243222	05FALL C	1	345	205	AEP	1025	1318	Base Case	0	-168.2	-	16.41	0	-0.18%	-0.18%	0.41%	
1619	242986 05CROOKS 138 243104 05SLANCS 138 1	242986	05CROOKS	243104	05SLANCS	1	138	205	AEP	167	167	Base Case	0	27.4	-	16.41	0	0.06%	0.06%	-0.01%	
1620	238859 02KIQ-11 138 238932 02LYDQ11 138 1	238859	02KIQ-11	238932	02LYDQ11	1	138	202	ATSI	273	332	Base Case	0	-44.8	-	16.41	0	0.16%	0.16%	-0.05%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1621	243387 05VANBUR 138 246982 05HUNT JT_BP 138 1	243387	05VANBUR	246982	05HUNT JT_BP	1	138	205	AEP	136	167	Base Case	0	-22.3	-	16.39	0	-0.01%	-0.01%	-0.06%	
1622	242998 05EPOINT 138 243001 05EZANEV 138 1	242998	05EPOINT	243001	05EZANEV	1	138	205	AEP	205	284	Base Case	0	33.6	-	16.38	0	-0.11%	-0.11%	-0.06%	
1623	247715 05BLUE RACER 138 247757 05HERLAN SW 138 1	247715	05BLUE RACER	247757	05HERLAN SW	1	138	205	AEP	296	413	Base Case	0	-48.4	-	16.34	0	0.03%	0.03%	-0.01%	
1624	243049 05NATRIUM12 138 243119 05SOMERTON Z 138 1	243049	05NATRIUM12	243119	05SOMERTON Z	1	138	205	AEP	187	240	Base Case	0	30.5	-	16.34	0	0.12%	0.12%	-0.03%	
1625	243466 05ASTOR 138 244868 05BRICE 138 1	243466	05ASTOR	244868	05BRICE	1	138	205	AEP	191	222	Base Case	0	-31.2	-	16.33	0	-0.03%	-0.03%	0.01%	
1626	243456 05CORRID 345 243855 05JUG ST 345 1	243456	05CORRID	243855	05JUG ST	1	345	205	AEP	1868	1868	Base Case	0	305	-	16.33	0	0.37%	0.37%	-0.07%	
1627	238843 02JNPRQ4 138 239052 02PV Q4 138 1	238843	02JNPRQ4	239052	02PV Q4	1	138	202	ATSI	265	332	Base Case	0	43.2	-	16.31	0	0.18%	0.18%	-0.03%	
1628	242673 05HUBTWN 138 242835 05TRISTA 138 1	242673	05HUBTWN	242835	05TRISTA	1	138	205	AEP	251	335	Base Case	0	40.9	-	16.3	0	0.00%	0.00%	0.17%	
1629	243219 05DUMONT 345 255113 17STILLWELL 345 1	243219	05DUMONT	255113	17STILLWELL	1	345	205/217	AEP/NIPS	1409	1409	Base Case	0	-229.5	-	16.29	0	-1.29%	-1.29%	-0.92%	
1630	238975 02N EAST 138 239239 02MEDCO 138 1	238975	02N EAST	239239	02MEDCO	1	138	202	ATSI	194	237	Base Case	0	-31.6	-	16.27	0	-0.08%	-0.08%	0.02%	
1631	238840 02JNPRQ1 138 239049 02PV Q1 138 1	238840	02JNPRQ1	239049	02PV Q1	1	138	202	ATSI	267	332	Base Case	0	43.4	-	16.27	0	0.16%	0.16%	-0.04%	
1632	243056 05NEWCOM 138 243144 05WCAMBR 138 1	243056	05NEWCOM	243144	05WCAMBR	1	138	205	AEP	287	291	Base Case	0	-46.6	-	16.24	0	-0.12%	-0.12%	0.11%	
1633	238637 02CPP LS 138 238660 02DIVISN 138 1	238637	02CPP LS	238660	02DIVISN	1	138	202	ATSI	170	193	Base Case	0	-27.6	-	16.23	0	-0.22%	-0.22%	-0.01%	
1634	242971 05BRYAN 138 243029 05LCKWRD 138 1	242971	05BRYAN	243029	05LCKWRD	1	138	205	AEP	232	232	Base Case	0	-37.6	-	16.23	0	0.00%	0.00%	0.00%	
1635	250055 08LTERL7 138 250056 08LTERL8 138 Z1	250055	08LTERL7	250056	08LTERL8	Z1	138	212	DEO&K	394	394	Base Case	0	63.9	-	16.23	0	0.02%	0.02%	0.01%	
1636	238878 02LB Q12 138 239282 02PROQ12 138 1	238878	02LB Q12	239282	02PROQ12	1	138	202	ATSI	355	434	Base Case	0	57.6	-	16.22	0	0.00%	0.00%	0.00%	
1637	238812 02HOYTDL 345 239936 02MCCLELLAND 345 1	238812	02HOYTDL	239936	02MCCLELLAND	1	345	202	ATSI	1380	1646	Base Case	0	-223.5	-	16.2	0	-0.57%	-0.57%	-0.27%	
1638	238877 02LAQ-13 138 239283 02PROQ13 138 1	238877	02LAQ-13	239283	02PROQ13	1	138	202	ATSI	347	423	Base Case	0	-56.1	-	16.18	0	0.00%	0.00%	0.00%	
1639	242564 05BRADL1 138 242653 05GRANDV 138 1	242564	05BRADL1	242653	05GRANDV	1	138	205	AEP	335	392	Base Case	0	54.2	-	16.18	0	-0.04%	-0.04%	-0.61%	
1640	238710 02EYQ-14 138 238711 02EYTP14 138 1	238710	02EYQ-14	238711	02EYTP14	1	138	202	ATSI	347	423	Base Case	0	-56.1	-	16.17	0	-0.15%	-0.15%	-0.02%	
1641	249987 08BETHNY 138 250098 08SHAKER 138 1	249987	08BETHNY	250098	08SHAKER	1	138	212	DEO&K	394	394	Base Case	0	-63.7	-	16.16	0	-0.06%	-0.06%	-0.06%	
1642	242525 05KANAWH 345 242528 05SPORN 345 1	242525	05KANAWH	242528	05SPORN	1	345	205	AEP	943	943	Base Case	0	-152.3	-	16.15	0	-0.39%	-0.39%	-1.36%	
1643	239739 02CROMWELL 138 241926 02ASTORQ14 138 1	239739	02CROMWELL	241926	02ASTORQ14	1	138	202	ATSI	435	500	Base Case	0	70.2	-	16.13	0	-0.29%	-0.29%	-0.02%	
1644	243088 05S.POINT1 138 245615 05S.POINT2 138 Z1	243088	05S.POINT1	245615	05S.POINT2	Z1	138	205	AEP	240	309	Base Case	0	38.7	-	16.12	0	-0.07%	-0.07%	0.04%	
1645	242556 05BLUEFLD AV 138 242784 05S.BLUE 138 1	242556	05BLUEFLD AV	242784	05S.BLUE	1	138	205	AEP	251	251	Base Case	0	40.5	-	16.12	0	-0.13%	-0.13%	-0.26%	
1646	238569 02BEAVER 345 238607 02CARLIL 345 1	238569	02BEAVER	238607	02CARLIL	1	345	202	ATSI	1380	1646	Base Case	0	221.9	-	16.08	0	-1.45%	-1.45%	-0.47%	
1647	243208 05JEFRSO 765 242865 05JEFRSO 345 2	243208	05JEFRSO	242865	05JEFRSO	2	765/345	205	AEP	2889	3039	Base Case	0	464.2	-	16.07	0	-0.08%	-0.08%	-0.15%	
1648	247064 05KANAWHA2 138 247092 05KANAWH_BSZ 138 ZM	247064	05KANAWHA2	247092	05KANAWH_BSZ	ZM	138	205	AEP	383	449	Base Case	0	-61.5	-	16.06	0	0.01%	0.01%	-0.09%	
1649	243015 05GREENL 138 243130 05TIFFIN 138 1	243015	05GREENL	243130	05TIFFIN	1	138	205	AEP	257	360	Base Case	0	-41.3	-	16.06	0	-0.01%	-0.01%	-0.08%	
1650	238896 02LIMECT 138 239227 02-1STSL 138 1	238896	02LIMECT	239227	02-1STSL	1	138	202	ATSI	288	353	Base Case	0	46.2	-	16.05	0	-0.03%	-0.03%	0.01%	
1651	242705 05LOGAN2 138 247634 05LYBURN SS 138 1	242705	05LOGAN2	247634	05LYBURN SS	1	138	205	AEP	296	413	Base Case	0	-47.4	-	16.01	0	0.08%	0.08%	0.20%	
1652	242522 05AMOS 345 242528 05SPORN 345 1	242522	05AMOS	242528	05SPORN	1	345	205	AEP	897	897	Base Case	0	143.5	-	16	0	0.07%	0.07%	0.87%	
1653	238763 02GR Q-4 138 239052 02PV Q4 138 1	238763	02GR Q-4	239052	02PV Q4	1	138	202	ATSI	103	132	Base Case	0	-16.4	-	15.94	0	0.24%	0.24%	0.03%	
1654	243664 05HAZARD 161 243693 05HAZRD2 138 1	243664	05HAZARD	243693	05HAZRD2	1	161/138	205	AEP	350	350	Base Case	0	55.6	-	15.87	0	-0.11%	-0.11%	-0.04%	
1655	242658 05GREENB 138 242777 05RONCVR 138 1	242658	05GREENB	242777	05RONCVR	1	138	205	AEP	110	110	Base Case	0	-17.4	-	15.84	0	0.00%	0.00%	0.00%	
1656	243366 05ROB PK12 138 246993 05PURDUE 138 1	243366	05ROB PK12	246993	05PURDUE	1	138	205	AEP	296	392	Base Case	0	46.9	-	15.84	0	0.00%	0.00%	-0.03%	
1657	243342 05MILAN 138 243877 05DAWKNS 138 1	243342	05MILAN	243877	05DAWKNS	1	138	205	AEP	167	245	Base Case	0	-26.4	-	15.84	0	0.03%	0.03%	0.02%	
1658	249570 08P.UNON 345 249575 08TERMNL 345 1	249570	08P.UNON	249575	08TERMNL	1	345	212	DEO&K	1509	1509	Base Case	0	-238.9	-	15.83	0	-0.46%	-0.46%	-0.21%	
1659	243703 05TOPMOS 138 244688 05BEAVER CR2 138 1	243703	05TOPMOS	244688	05BEAVER CR2	1	138	205	AEP	158	183	Base Case	0	-24.9	-	15.78	0	0.09%	0.09%	0.05%	
1660	243279 05DIAMND 138 243890 05WOODSR 138 1	243279	05DIAMND	243890	05WOODSR	1	138	205	AEP	251	335	Base Case	0	39.5	-	15.75	0	-0.09%	-0.09%	-0.06%	
1661	242540 05APPLE1 138 243095 05SCOTTOWNSS 138 1	242540	05APPLE1	243095	05SCOTTOWNSS	1	138	205	AEP	167	167	Base Case	0	-26.3	-	15.72	0	-0.03%	-0.03%	0.07%	
1662	238876 02LAQ-12 138 239282 02PROQ12 138 1	238876	02LAQ-12	239282	02PROQ12	1	138	202	ATSI	355	434	Base Case	0	-55.8	-	15.72	0	0.00%	0.00%	0.00%	
1663	238617 02CHMBER 138 238814 02HUDMUN 138 1	238617	02CHMBER	238814	02HUDMUN	1	138	202	ATSI	200	242	Base Case	0	31.4	-	15.69	0	-0.02%	-0.02%	-0.03%	
1664	242549 05BANSTR 138 242550 05BEARSK 138 1	242549	05BANSTR	242550	05BEARSK	1	138	205	AEP	335	392	Base Case	0	-52.5	-	15.68	0	-0.09%	-0.09%	-1.54%	
1665	246102 05CARROLLTN2 138 246167 05CARROLLTN1 138 ZP	246102	05CARROLLTN2	246167	05CARROLLTN1	ZP	138	205	AEP	548	555	Base Case	0	85.8	-	15.67	0	0.10%	0.10%	0.01%	
1666	245533 05HOLLOWAY34 138 247131 05HOLLOWAY12 138 Z1	245533	05HOLLOWAY34	247131	05HOLLOWAY12	Z1	138	205	AEP	747	747	Base Case	0	116.7	-	15.62	0	-0.05%	-0.05%	0.10%	
1667	245533 05HOLLOWAY34 138 247131 05HOLLOWAY12 138 Z2	245533	05HOLLOWAY34	247131	05HOLLOWAY12	Z2	138	205	AEP	747	747	Base Case	0	116.7	-	15.62	0	-0.05%	-0.05%	0.10%	
1668	242555 05BLAINE 138 242773 05ROANO1 138 1	242555	05BLAINE	242773	05ROANO1	1	138	205	AEP	219	223	Base Case	0	34.2	-	15.61	0	-0.04%	-0.04%	0.57%	
1669	239316 02WASHREC 138 239988 02FE-POLO 138 1	239316	02WASHREC	239988	02FE-POLO	1	138	202	ATSI	275	333	Base Case	0	-42.9	-	15.61	0	-0.13%	-0.13%	0.07%	
1670	243218 05DESOTO 345 243792 05LOSANTVILL 345 2	243218	05DESOTO	243792	05LOSANTVILL	2	345	205	AEP	1025	1132	Base Case	0	-159.9	-	15.6	0	0.14%	0.14%	0.20%	
1671	242958 05BATTLE 138 243133 05VALLEY GRV 138 2	242958	05BATTLE	243133	05VALLEY GRV	2	138	205	AEP	205	205	Base Case	0	31.8	-	15.52	0	0.15%	0.15%	-0.10%	
1672	244022 05COLE 345 244023 05COLE 138 2	244022	05COLE	244023	05COLE	2	345/138	205	AEP	941	956	Base Case	0	145.9	-	15.51	0	-0.07%	-0.07%	-0.02%	
1673	238727 02WLBCT+ 138 238936 02MACLEA 138 1	238727	02WLBCT+	238936	02MACLEA	1	138	202	ATSI	278	343	Base Case	0	-43.1	-	15.5	0	0.03%	0.03%	-0.01%	
1674	243467 05E.BROAD3 138 243532 05KIRK 138 1	243467	05E.BROAD3	243532	05KIRK	1	138	205	AEP	297	338	Base Case	0	-46	-	15.5	0	0.03%	0.03%	-0.01%	
1675	242563 05BOXWD 138 242603 05CLIFFR 138 1	242563	05BOXWD	242603	05CLIFFR	1	138	205	AEP	167	167	Base Case	0	25.9	-	15.49	0	-0.30%	-0.30%	-0.65%	
1676	242986 05CROOKS 138 244560 05ISABELLA 138 1	242986	05CROOKS	244560	05ISABELLA	1	138	205	AEP	124	124	Base Case	0	19.2	-	15.46	0	0.03%	0.03%	0.04%	
1677	242952 05SHEPLER SS 138 245109 05AGAGAS 138 1	242952	05SHEPLER SS	245109	05AGAGAS	1	138	205	AEP	145	177	Base Case	0	22.4	-	15.44	0	0.00%	0.00%	0.00%	
1678	238703 02ESPRNG 138 238908 02LONDON 138 1	238703	02ESPRNG	238908	02LONDON	1	138	202	ATSI	200	242	Base Case	0	-30.9	-	15.43	0	0.07%	0.07%	0.03%	
1679	243275 05DELAWR1 138 245803 05DELAWR2 138 Z1	243275	05DELAWR1	245803	05DELAWR2	Z1	138	205	AEP	110	120	Base Case	0	17	-	15.43	0	0.02%	0.02%	-0.05%	
1680	238962 02MIDWAY 138 239263 02STLUKE 138 1	238962	02MIDWAY	239263	02STLUKE	1	138	202	ATSI	288	346	Base Case	0	44.4	-	15.43	0	0.00%	0.00%	0.01%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1681	243284 05DUPONT 138 243890 05WOODSR 138 1	243284	05DUPONT	243890	05WOODSR	1	138	205	AEP	219	255	Base Case	0	-33.7	-	15.4	0	-0.09%	-0.09%	-0.06%	
1682	243312 05HUMMEL 138 246968 05DOOVIL 138 1	243312	05HUMMEL	246968	05DOOVIL	1	138	205	AEP	251	251	Base Case	0	38.5	-	15.35	0	-0.03%	-0.03%	-0.05%	
1683	242787 05MIDDLEB SS 138 243019 05HILLSB 138 1	242787	05MIDDLEB SS	243019	05HILLSB	1	138	205	AEP	300	300	Base Case	0	-46	-	15.34	0	0.07%	0.07%	0.12%	
1684	242589 05CENTCR 138 243883 05LAKEFR 138 1	242589	05CENTCR	243883	05LAKEFR	1	138	205	AEP	167	245	Base Case	0	-25.6	-	15.32	0	-0.01%	-0.01%	-0.23%	
1685	242772 05RIVERV 138 247632 05AMHERST 138 1	242772	05RIVERV	247632	05AMHERST	1	138	205	AEP	219	251	Base Case	0	33.5	-	15.29	0	-0.14%	-0.14%	-0.40%	
1686	243386 05VALLY 138 247329 05STINGER 138 1	243386	05VALLY	247329	05STINGER	1	138	205	AEP	251	251	Base Case	0	38.3	-	15.24	0	-0.01%	-0.01%	-0.01%	
1687	244023 05COLE 138 247199 05AMLIN 138 1	244023	05COLE	247199	05AMLIN	1	138	205	AEP	564	683	Base Case	0	86	-	15.24	0	-0.07%	-0.07%	-0.01%	
1688	242744 05PATCTR 138 243799 05FIELDALE2 138 1	242744	05PATCTR	243799	05FIELDALE2	1	138	205	AEP	293	341	Base Case	0	44.6	-	15.24	0	-0.03%	-0.03%	0.24%	
1689	238785 02JOHNMAN-2 138 239070 02RICHLD 138 1	238785	02JOHNMAN-2	239070	02RICHLD	1	138	202	ATSI	216	264	Base Case	0	-32.9	-	15.23	0	0.00%	0.00%	0.00%	
1690	238782 02HANNA 138 238999 02NFALLS 138 1	238782	02HANNA	238999	02NFALLS	1	138	202	ATSI	275	333	Base Case	0	-41.8	-	15.21	0	0.10%	0.10%	0.00%	
1691	242589 05CENTCR 138 242681 05IVY HL 138 1	242589	05CENTCR	242681	05IVY HL	1	138	205	AEP	167	245	Base Case	0	25.4	-	15.21	0	-0.01%	-0.01%	-0.23%	
1692	242626 05E.HUNTING2 138 245664 05E.HUNTING1 138 Z1	242626	05E.HUNTING2	245664	05E.HUNTING1	Z1	138	205	AEP	287	337	Base Case	0	-43.6	-	15.17	0	-0.01%	-0.01%	-0.03%	
1693	242989 05E LIMA 138 243125 05THAYER 138 1	242989	05E LIMA	243125	05THAYER	1	138	205	AEP	219	223	Base Case	0	33.2	-	15.17	0	0.05%	0.05%	-0.05%	
1694	238664 02DOBINS 138 238910 02LOWELL 138 1	238664	02DOBINS	238910	02LOWELL	1	138	202	ATSI	204	209	Base Case	0	30.9	-	15.16	0	-0.01%	-0.01%	0.06%	
1695	238528 02AETNA 138 238560 02BABB 138 1	238528	02AETNA	238560	02BABB	1	138	202	ATSI	233	282	Base Case	0	35.3	-	15.15	0	0.03%	0.03%	0.05%	
1696	243245 05ANTHYZ 138 245832 05LINCOLN2 138 1	243245	05ANTHYZ	245832	05LINCOLN2	1	138	205	AEP	251	251	Base Case	0	-38	-	15.13	0	0.07%	0.07%	0.05%	
1697	247106 05VARNER 138 247790 05DUNTONLAKE 138 1	247106	05VARNER	247790	05DUNTONLAKE	1	138	205	AEP	257	360	Base Case	0	38.8	-	15.1	0	0.00%	0.00%	-0.01%	
1698	239215 02BRIGHT 138 239216 02TROY 138 1	239215	02BRIGHT	239216	02TROY	1	138	202	ATSI	157	189	Base Case	0	23.7	-	15.09	0	0.08%	0.08%	-0.11%	
1699	243933 05AMBLER RDG 138 247793 05LINDEN RD 138 1	243933	05AMBLER RDG	247793	05LINDEN RD	1	138	205	AEP	296	413	Base Case	0	44.6	-	15.07	0	-0.30%	-0.30%	0.05%	
1700	245822 05LIGONIER1 138 247433 05CHARGER 138 Z1	245822	05LIGONIER1	247433	05CHARGER	Z1	138	205	AEP	94	105	Base Case	0	-14.2	-	15.07	0	0.00%	0.00%	0.00%	
1701	238532 02ALLNJB 138 239344 02ALLEN-2 138 ZB	238532	02ALLNJB	239344	02ALLEN-2	ZB	138	202	ATSI	563	563	Base Case	0	-84.8	-	15.07	0	-0.07%	-0.07%	0.01%	
1702	238962 02MIDWAY 138 238979 02NAPMUN 138 1	238962	02MIDWAY	238979	02NAPMUN	1	138	202	ATSI	161	194	Base Case	0	24.3	-	15.07	0	0.08%	0.08%	0.01%	
1703	242736 05OAKLEV 138 243799 05FIELDALE2 138 1	242736	05OAKLEV	243799	05FIELDALE2	1	138	205	AEP	223	223	Base Case	0	-33.6	-	15.05	0	-0.05%	-0.05%	0.40%	
1704	238700 02EPWRTH 138 239058 02BRUSHCRK 138 1	238700	02EPWRTH	239058	02BRUSHCRK	1	138	202	ATSI	278	339	Base Case	0	41.8	-	15.04	0	0.03%	0.03%	0.00%	
1705	239010 02NORDON 138 239617 02SOUREK 138 1	239010	02NORDON	239617	02SOUREK	1	138	202	ATSI	200	242	Base Case	0	30.1	-	15.04	0	0.08%	0.08%	-0.02%	
1706	243110 05STIFFI 138 243137 05W.END FOS1 138 1	243110	05STIFFI	243137	05W.END FOS1	1	138	205	AEP	167	167	Base Case	0	-25.1	-	15.03	0	-0.09%	-0.09%	-0.01%	
1707	243665 05LESLIE 161 243668 05WOOTON 161 1	243665	05LESLIE	243668	05WOOTON	1	161	205	AEP	192	208	Base Case	0	28.8	-	15.03	0	-0.02%	-0.02%	0.05%	
1708	238701 02ERQ-11 138 238743 02ER-DNB+Q11 138 1	238701	02ERQ-11	238743	02ER-DNB+Q11	1	138	202	ATSI	273	332	Base Case	0	-41	-	15.02	0	0.00%	0.00%	0.00%	
1709	243136 05W LIMA 138 243777 05LIMA REFIN 138 Z2	243136	05W LIMA	243777	05LIMA REFIN	Z2	138	205	AEP	347	347	Base Case	0	52	-	15	0	0.00%	0.00%	0.00%	
1710	243136 05W LIMA 138 243777 05LIMA REFIN 138 Z1	243136	05W LIMA	243777	05LIMA REFIN	Z1	138	205	AEP	347	347	Base Case	0	52	-	15	0	0.00%	0.00%	0.00%	
1711	243242 05ALLEN 138 243330 05LINCOLN1 138 2	243242	05ALLEN	243330	05LINCOLN1	2	138	205	AEP	260	260	Base Case	0	39	-	14.99	0	0.05%	0.05%	0.03%	
1712	253004 09AMSTRD 138 253150 09HNDAAT 138 1	253004	09AMSTRD	253150	09HNDAAT	1	138	209	DAY	221	272	Base Case	0	-33.1	-	14.98	0	0.03%	0.03%	0.02%	
1713	242993 05E.LEIPSIC2 138 246354 05E.LEIPSIC1 138 ZG	242993	05E.LEIPSIC2	246354	05E.LEIPSIC1	ZG	138	205	AEP	329	361	Base Case	0	49.2	-	14.96	0	-0.06%	-0.06%	-0.10%	
1714	242549 05BANSTR 138 242632 05EDAN 2 138 1	242549	05BANSTR	242632	05EDAN 2	1	138	205	AEP	296	296	Base Case	0	44.3	-	14.96	0	-0.09%	-0.09%	-1.54%	
1715	238575 02BLUBEL 138 239299 02BRLAKE 138 1	238575	02BLUBEL	239299	02BRLAKE	1	138	202	ATSI	117	147	Base Case	0	-17.5	-	14.95	0	0.16%	0.16%	-0.07%	
1716	242510 05BAKER 765 242511 05BROADF 765 1	242510	05BAKER	242511	05BROADF	1	765	205	AEP	4142	4142	Base Case	0	619.1	-	14.95	0	-1.72%	-1.72%	-8.23%	
1717	243004 05FINDLC 138 243033 05THORNWD SS 138 1	243004	05FINDLC	243033	05THORNWD SS	1	138	205	AEP	200	254	Base Case	0	-29.9	-	14.94	0	0.01%	0.01%	0.00%	
1718	242755 05PIPERS 138 245117 05W.CARROLL 138 1	242755	05PIPERS	245117	05W.CARROLL	1	138	205	AEP	251	251	Base Case	0	37.5	-	14.92	0	0.03%	0.03%	0.07%	
1719	238960 02MIDW K 138 239371 02DOWLING 138 1	238960	02MIDW K	239371	02DOWLING	1	138	202	ATSI	158	190	Base Case	0	-23.6	-	14.92	0	0.06%	0.06%	0.01%	
1720	242767 05RIDGWA 138 242797 05SHEFLD 138 1	242767	05RIDGWA	242797	05SHEFLD	1	138	205	AEP	167	167	Base Case	0	24.9	-	14.9	0	0.01%	0.01%	0.46%	
1721	242976 05BUCYRC 138 243117 05SULFRS 138 1	242976	05BUCYRC	243117	05SULFRS	1	138	205	AEP	164	180	Base Case	0	-24.4	-	14.88	0	0.03%	0.03%	0.01%	
1722	242959 05BELDVL 138 243142 05WAYVIE 138 1	242959	05BELDVL	243142	05WAYVIE	1	138	205	AEP	251	335	Base Case	0	37.3	-	14.86	0	0.02%	0.02%	0.01%	
1723	242981 05CARROLLTN3 138 246167 05CARROLLTN1 138 ZN	242981	05CARROLLTN3	246167	05CARROLLTN1	ZN	138	205	AEP	548	555	Base Case	0	-81.3	-	14.83	0	0.10%	0.10%	0.01%	
1724	243422 05POINTL 138 247794 05COCO 138 1	243422	05POINTL	247794	05COCO	1	138	205	AEP	180	227	Base Case	0	-26.7	-	14.81	0	-0.04%	-0.04%	-0.24%	
1725	243490 05CORNER 138 243496 05CONGRES SS 138 1	243490	05CORNER	243496	05CONGRES SS	1	138	205	AEP	195	220	Base Case	0	-28.8	-	14.78	0	0.24%	0.24%	0.14%	
1726	245533 05HOLLOWAY34 138 245539 05HOLLOWAY56 138 Z3	245533	05HOLLOWAY34	245539	05HOLLOWAY56	Z3	138	205	AEP	747	747	Base Case	0	-110.3	-	14.76	0	0.02%	0.02%	-0.03%	
1727	245533 05HOLLOWAY34 138 245539 05HOLLOWAY56 138 Z4	245533	05HOLLOWAY34	245539	05HOLLOWAY56	Z4	138	205	AEP	747	747	Base Case	0	-110.3	-	14.76	0	0.02%	0.02%	-0.03%	
1728	239371 02DOWLING 138 240990 02HOMEDEPOT 138 1	239371	02DOWLING	240990	02HOMEDEPOT	1	138	202	ATSI	252	291	Base Case	0	-37.2	-	14.76	0	0.08%	0.08%	0.01%	
1729	244142 05MARQUETTE 138 244143 05KUCHAR 138 1	244142	05MARQUETTE	244143	05KUCHAR	1	138	205	AEP	251	335	Base Case	0	-37	-	14.75	0	0.08%	0.08%	0.05%	
1730	243680 05CEDARC 138 243695 05JOHNSC 138 1	243680	05CEDARC	243695	05JOHNSC	1	138	205	AEP	296	378	Base Case	0	-43.6	-	14.74	0	0.09%	0.09%	-0.08%	
1731	243274 05DEER CRK1 138 246051 05DEER CRK2 138 Z1	243274	05DEER CRK1	246051	05DEER CRK2	Z1	138	205	AEP	187	240	Base Case	0	-27.5	-	14.71	0	-0.04%	-0.04%	0.00%	
1732	239048 02PPPINE 138 239058 02BRUSHCRK 138 1	239048	02PPPINE	239058	02BRUSHCRK	1	138	202	ATSI	265	316	Base Case	0	-39	-	14.7	0	0.03%	0.03%	0.00%	
1733	242669 05HOLST1 138 242739 05OREBANK 138 1	242669	05HOLST1	242739	05OREBANK	1	138	205	AEP	167	167	Base Case	0	-24.5	-	14.68	0	-0.01%	-0.01%	-0.05%	
1734	243019 05HILLSB 138 246911 05HIGHLA 138 1	243019	05HILLSB	246911	05HIGHLA	1	138	205	AEP	296	413	Base Case	0	43.4	-	14.67	0	-0.07%	-0.07%	-0.01%	
1735	238731 02FOX 345 238783 02HARDIN 345 1	238731	02FOX	238783	02HARDIN	1	345	202	ATSI	1542	1878	Base Case	0	-226	-	14.66	0	0.37%	0.37%	0.04%	
1736	243285 05E.SIDE 138 246066 05S.BEND2 138 1	243285	05E.SIDE	246066	05S.BEND2	1	138	205	AEP	219	251	Base Case	0	32.1	-	14.65	0	0.03%	0.03%	0.02%	
1737	270163 AB2-067 MAIN 765 270133 AB2-067 GSU 230 1	270163	AB2-067 MAIN	270133	AB2-067 GSU	1	765/230	205	AEP	9999	9999	Base Case	0	-1463.6	-	14.64	0	-0.91%	-0.91%	-0.91%	
1738	270162 AB2-067 TAP 765 270163 AB2-067 MAIN 765 1	270162	AB2-067 TAP	270163	AB2-067 MAIN	1	765	205	AEP	9999	9999	Base Case	0	-1463.6	-	14.64	0	-0.91%	-0.91%	-0.91%	
1739	238629 02CLVRDL 138 247700 05YAGER 138 1	238629	02CLVRDL	247700	05YAGER	1	138	202/205	ATSI/AEP	196	228	Base Case	0	-28.6	-	14.61	0	-0.05%	-0.05%	0.05%	
1740	240349 02GROVWDQ14 138 241237 02GROV TP 138 1	240349	02GROVWDQ14	241237	02GROV TP	1	138	202	ATSI	355	434	Base Case	0	-51.8	-	14.58	0	0.00%	0.00%	0.00%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1741	242702 05LEFTFK 138 242706 05LOONEY 138 1	242702	05LEFTFK	242706	05LOONEY	1	138	205	AEP	195	220	Base Case	0	28.4	-	14.56	0	0.02%	0.02%	0.03%	
1742	247371 05MUSKNG1B 138 247435 05MUSKNG_ESZ 138 ZG	247371	05MUSKNG1B	247435	05MUSKNG_ESZ	ZG	138	205	AEP	766	784	Base Case	0	-111.5	-	14.56	0	-0.33%	-0.33%	-0.06%	
1743	242512 05CLOVRD 765 242524 05CLOVRD 345 10	242512	05CLOVRD	242524	05CLOVRD	10	765/345	205	AEP	2250	2250	Base Case	0	327.5	-	14.55	0	-0.85%	-0.85%	-0.83%	
1744	250000 08COLDSP 138 250132 08WLDER1 138 1	250000	08COLDSP	250132	08WLDER1	1	138	212	DEO&K	264	264	Base Case	0	38.4	-	14.55	0	0.03%	0.03%	0.01%	
1745	243321 05KENDAL 138 243375 05SKINNR 138 1	243321	05KENDAL	243375	05SKINNR	1	138	205	AEP	251	251	Base Case	0	-36.5	-	14.55	0	-0.05%	-0.05%	-0.03%	
1746	244510 05BLOSSOM TR 138 245846 05RIVERSIDE2 138 1	244510	05BLOSSOM TR	245846	05RIVERSIDE2	1	138	205	AEP	136	167	Base Case	0	-19.7	-	14.51	0	0.00%	0.00%	-0.01%	
1747	242751 05PIGEON 138 242761 05RAGLDZ 138 1	242751	05PIGEON	242761	05RAGLDZ	1	138	205	AEP	158	183	Base Case	0	-22.9	-	14.49	0	0.00%	0.00%	0.00%	
1748	242931 05BEVERL 345 247566 05LAMPING_BP 345 1	242931	05BEVERL	247566	05LAMPING_BP	1	345	205	AEP	971	971	Base Case	0	140.6	-	14.48	0	-1.59%	-1.59%	0.46%	
1749	242939 05MARYSV 345 243903 05GUNN RD SS 345 1	242939	05MARYSV	243903	05GUNN RD SS	1	345	205	AEP	897	1151	Base Case	0	129.9	-	14.48	0	0.65%	0.65%	0.76%	
1750	243104 05SLANCS 138 243149 05W.LANCAST1 138 1	243104	05SLANCS	243149	05W.LANCAST1	1	138	205	AEP	167	167	Base Case	0	-24.2	-	14.48	0	-0.05%	-0.05%	0.00%	
1751	247130 05HOLLOW 345 247566 05LAMPING_BP 345 1	247130	05HOLLOW	247566	05LAMPING_BP	1	345	205	AEP	971	971	Base Case	0	-140.3	-	14.45	0	-1.59%	-1.59%	0.46%	
1752	242718 05MINNXM 138 242733 05NEWHOP 138 1	242718	05MINNXM	242733	05NEWHOP	1	138	205	AEP	296	296	Base Case	0	42.7	-	14.42	0	-0.11%	-0.11%	-0.29%	
1753	247712 05SULLIVAN 345 346809 7CASEY 345 1	247712	05SULLIVAN	346809	7CASEY	1	345	205/357	AEP/AMIL	1334	1466	Base Case	0	-191.6	-	14.36	0	-0.52%	-0.52%	0.16%	
1754	238845 02JONSON 138 238971 02MURRAY 138 1	238845	02JONSON	238971	02MURRAY	1	138	202	ATSI	196	242	Base Case	0	28	-	14.3	0	-0.05%	-0.05%	-0.02%	
1755	243527 05HYATTX 138 245952 05DLAWAR1 138 1	243527	05HYATTX	245952	05DLAWAR1	1	138	205	AEP	335	380	Base Case	0	47.8	-	14.27	0	0.01%	0.01%	0.01%	
1756	243526 05HYATT 138 243527 05HYATTX 138 SR	243526	05HYATT	243527	05HYATTX	SR	138	205	AEP	335	380	Base Case	0	47.8	-	14.27	0	0.01%	0.01%	0.01%	
1757	242724 05MOSELEY 138 242774 05ROANO2 138 1	242724	05MOSELEY	242774	05ROANO2	1	138	205	AEP	167	240	Base Case	0	-23.8	-	14.27	0	-0.04%	-0.04%	-0.24%	
1758	235378 01NMARTN 138 246067 05NATRIUM34 138 1	235378	01NMARTN	246067	05NATRIUM34	1	138	201/205	AP/AEP	148	192	Base Case	0	21.1	-	14.27	0	0.03%	0.03%	0.13%	
1759	238685 02EASTLK 138 241924 02ELQ4 138 1	238685	02EASTLK	241924	02ELQ4	1	138	202	ATSI	999	999	Base Case	0	142.4	-	14.25	0	0.03%	0.03%	-0.01%	
1760	243575 05ST.CLR 138 243576 05ST.CLX 138 SR	243575	05ST.CLR	243576	05ST.CLX	SR	138	205	AEP	191	229	Base Case	0	-27.2	-	14.25	0	-0.01%	-0.01%	-0.03%	
1761	238864 02KNOX 138 239316 02WASHREC 138 1	238864	02KNOX	239316	02WASHREC	1	138	202	ATSI	275	333	Base Case	0	-39.1	-	14.22	0	-0.13%	-0.13%	0.07%	
1762	238569 02BEAVER 345 238570 02BEAVER 138 2	238569	02BEAVER	238570	02BEAVER	2	345/138	202	ATSI	583	741	Base Case	0	82.9	-	14.21	0	0.08%	0.08%	-0.02%	
1763	250050 08KMPER1 138 250051 08KMPER2 138 Z1	250050	08KMPER1	250051	08KMPER2	Z1	138	212	DEO&K	406	454	Base Case	0	57.7	-	14.21	0	0.01%	0.01%	-0.02%	
1764	250066 08MLHSR1 138 250067 08MLHSR2 138 Z1	250066	08MLHSR1	250067	08MLHSR2	Z1	138	212	DEO&K	394	394	Base Case	0	-55.9	-	14.2	0	0.02%	0.02%	-0.01%	
1765	242662 05HALES2 138 242702 05LEFTFK 138 1	242662	05HALES2	242702	05LEFTFK	1	138	205	AEP	251	335	Base Case	0	35.5	-	14.16	0	0.02%	0.02%	0.03%	
1766	243502 05E.BROAD 138 243581 05TAYLOR 138 1	243502	05E.BROAD	243581	05TAYLOR	1	138	205	AEP	240	309	Base Case	0	-34	-	14.15	0	0.03%	0.03%	0.00%	
1767	242511 05BROADF 765 242514 05J.FERR 765 1	242511	05BROADF	242514	05J.FERR	1	765	205	AEP	4047	4142	Base Case	0	572.4	-	14.14	0	-3.30%	-3.30%	-8.48%	
1768	235350 01IVYDAL 138 247793 05LINDEN RD 138 1	235350	01IVYDAL	247793	05LINDEN RD	1	138	201/205	AP/AEP	164	206	Base Case	0	-23.2	-	14.14	0	-0.04%	-0.04%	-0.11%	
1769	243455 05CONES 345 243488 05CONESVILLE 138 7	243455	05CONES	243488	05CONESVILLE	7	345/138	205	AEP	823	948	Base Case	0	116.4	-	14.14	0	-0.07%	-0.07%	0.04%	
1770	247105 05VARNER 345 247106 05VARNER 138 2	247105	05VARNER	247106	05VARNER	2	345/138	205	AEP	672	672	Base Case	0	95	-	14.14	0	-0.07%	-0.07%	0.00%	
1771	247105 05VARNER 345 247106 05VARNER 138 1	247105	05VARNER	247106	05VARNER	1	345/138	205	AEP	672	672	Base Case	0	95	-	14.14	0	-0.07%	-0.07%	0.00%	
1772	200599 26ERIE W 345 238547 02AT 345 1	200599	26ERIE W	238547	02AT	1	345	226/202	PENELEC/ATSI	1560	1900	Base Case	0	220.4	-	14.13	0	3.94%	3.94%	-0.60%	
1773	238799 02HKQ-22 138 239614 02BATH 138 1	238799	02HKQ-22	239614	02BATH	1	138	202	ATSI	196	242	Base Case	0	-27.6	-	14.09	0	-0.03%	-0.03%	0.09%	
1774	238651 02DANA 138 239263 02STLUKE 138 1	238651	02DANA	239263	02STLUKE	1	138	202	ATSI	288	353	Base Case	0	-40.6	-	14.09	0	0.00%	0.00%	0.01%	
1775	250132 08WLDER1 138 250134 08YORK 138 1	250132	08WLDER1	250134	08YORK	1	138	212	DEO&K	291	291	Base Case	0	-40.9	-	14.07	0	-0.01%	-0.01%	0.00%	
1776	238640 02CRISS 138 238861 02KIRBY 138 1	238640	02CRISS	238861	02KIRBY	1	138	202	ATSI	152	179	Base Case	0	-21.3	-	14.04	0	-0.10%	-0.10%	0.08%	
1777	243673 05BEEFHI 138 243685 05DORTON 138 1	243673	05BEEFHI	243685	05DORTON	1	138	205	AEP	221	278	Base Case	0	-31	-	14.03	0	0.01%	0.01%	0.01%	
1778	238569 02BEAVER 345 238570 02BEAVER 138 1	238569	02BEAVER	238570	02BEAVER	1	345/138	202	ATSI	583	741	Base Case	0	81.6	-	14	0	0.07%	0.07%	-0.02%	
1779	253031 09HALTER 138 253072 09SPRING 138 1	253031	09HALTER	253072	09SPRING	1	138	209	DAY	196	241	Base Case	0	27.4	-	14	0	-0.05%	-0.05%	0.01%	
1780	242742 05PADFOR 138 247290 05HARMON 138 1	242742	05PADFOR	247290	05HARMON	1	138	205	AEP	219	223	Base Case	0	30.7	-	14	0	0.07%	0.07%	-0.12%	
1781	243218 05DESOTO 345 243233 05TANNER 345 1	243218	05DESOTO	243233	05TANNER	1	345	205	AEP	897	897	Base Case	0	-125.3	-	13.97	0	0.16%	0.16%	0.22%	
1782	238998 02NEVADA 138 239093 02SAMMIS 138 1	238998	02NEVADA	239093	02SAMMIS	1	138	202	ATSI	265	316	Base Case	0	-37	-	13.95	0	-0.01%	-0.01%	0.04%	
1783	238708 02EVRGRN 138 239008 02NILES 138 1	238708	02EVRGRN	239008	02NILES	1	138	202	ATSI	240	310	Base Case	0	33.5	-	13.95	0	-0.08%	-0.08%	-0.01%	
1784	243024 05HOWARD 138 243117 05SULFRS 138 1	243024	05HOWARD	243117	05SULFRS	1	138	205	AEP	205	205	Base Case	0	28.4	-	13.88	0	0.03%	0.03%	0.01%	
1785	243244 05ANTHY 138 243245 05ANTHYZ 138 1	243244	05ANTHY	243245	05ANTHYZ	1	138	205	AEP	164	180	Base Case	0	-22.8	-	13.87	0	0.00%	0.00%	0.00%	
1786	243485 05CLINTO 138 243528 05KARL ROAD 138 1	243485	05CLINTO	243528	05KARL ROAD	1	138	205	AEP	145	145	Base Case	0	-20.1	-	13.83	0	0.06%	0.06%	0.01%	
1787	238904 02LMQ-11 138 238932 02LYDQ11 138 1	238904	02LMQ-11	238932	02LYDQ11	1	138	202	ATSI	324	395	Base Case	0	44.8	-	13.82	0	0.16%	0.16%	-0.05%	
1788	242704 05LOGAN1 138 242779 05RUMCKZ 138 1	242704	05LOGAN1	242779	05RUMCKZ	1	138	205	AEP	334	421	Base Case	0	-46.1	-	13.81	0	0.12%	0.12%	0.30%	
1789	238735 02FOXQ14 138 240259 02FUQ-14 138 1	238735	02FOXQ14	240259	02FUQ-14	1	138	202	ATSI	347	423	Base Case	0	47.8	-	13.79	0	0.15%	0.15%	0.02%	
1790	238809 02HMLQ14 138 240259 02FUQ-14 138 1	238809	02HMLQ14	240259	02FUQ-14	1	138	202	ATSI	347	423	Base Case	0	-47.8	-	13.79	0	0.15%	0.15%	0.02%	
1791	244198 05LEMASTER 138 247067 05GOODHP 138 1	244198	05LEMASTER	247067	05GOODHP	1	138	205	AEP	196	247	Base Case	0	27	-	13.76	0	0.04%	0.04%	0.05%	
1792	243274 05DEER CRK1 138 243343 05MISSIS 138 1	243274	05DEER CRK1	243343	05MISSIS	1	138	205	AEP	187	240	Base Case	0	25.7	-	13.75	0	-0.05%	-0.05%	-0.04%	
1793	238502 02BRIM 138 238962 02MIDWAY 138 1	238502	02BRIM	238962	02MIDWAY	1	138	202	ATSI	164	170	Base Case	0	-22.5	-	13.74	0	-0.04%	-0.04%	0.00%	
1794	243133 05VALLEY GRV 138 246927 05SAND H 138 2	243133	05VALLEY GRV	246927	05SAND H	2	138	205	AEP	205	205	Base Case	0	28.1	-	13.72	0	0.15%	0.15%	-0.10%	
1795	238642 02CRSLND 138 239199 02WN-STL 138 1	238642	02CRSLND	239199	02WN-STL	1	138	202	ATSI	160	192	Base Case	0	21.9	-	13.72	0	-0.07%	-0.07%	0.01%	
1796	243672 05BECKHA 138 243703 05TOPMOS 138 1	243672	05BECKHA	243703	05TOPMOS	1	138	205	AEP	158	183	Base Case	0	-21.7	-	13.71	0	0.09%	0.09%	0.05%	
1797	243310 05HODGIN 138 243362 05RANDOL 138 1	243310	05HODGIN	243362	05RANDOL	1	138	205	AEP	219	247	Base Case	0	30	-	13.71	0	0.02%	0.02%	0.04%	
1798	247003 05GOSHSS 138 247165 05SRUNSS 138 1	247003	05GOSHSS	247165	05SRUNSS	1	138	205	AEP	219	255	Base Case	0	-30	-	13.7	0	0.00%	0.00%	0.00%	
1799	238678 02EAKRON 138 238757 02GLCRST 138 1	238678	02EAKRON	238757	02GLCRST	1	138	202	ATSI	187	191	Base Case	0	25.6	-	13.69	0	0.05%	0.05%	-0.05%	
1800	243308 05HICKRY CK1 138 246060 05HICKRY CK2 138 ZL	243308	05HICKRY CK1	246060	05HICKRY CK2	ZL	138	205	AEP	173	173	Base Case	0	23.7	-	13.68	0	0.06%	0.06%	0.02%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1801	238640 02CRISS 138 238969 02MRGP + 138 1	238640	02CRISS	238969	02MRGP +	1	138	202	ATSI	259	308	Base Case	0	35.4	-	13.68	0	-0.10%	-0.10%	0.11%	
1802	243219 05DUMONT 345 243234 05TWIN B 345 2	243219	05DUMONT	243234	05TWIN B	2	345	205	AEP	1409	1409	Base Case	0	192.4	-	13.66	0	-0.38%	-0.38%	-0.05%	
1803	243219 05DUMONT 345 243234 05TWIN B 345 1	243219	05DUMONT	243234	05TWIN B	1	345	205	AEP	1409	1409	Base Case	0	192.4	-	13.66	0	-0.38%	-0.38%	-0.05%	
1804	238942 02MAPLE 138 239180 02ZELI-M 138 1	238942	02MAPLE	239180	02ZELI-M	1	138	202	ATSI	308	376	Base Case	0	42	-	13.65	0	-0.68%	-0.68%	0.05%	
1805	243056 05NEWCOM 138 243094 05SCOSHC 138 1	243056	05NEWCOM	243094	05SCOSHC	1	138	205	AEP	150	173	Base Case	0	-20.5	-	13.65	0	-0.35%	-0.35%	0.01%	
1806	243273 05DARDEN 138 243359 05PINERD 138 1	243273	05DARDEN	243359	05PINERD	1	138	205	AEP	167	167	Base Case	0	-22.8	-	13.63	0	-0.10%	-0.10%	-0.06%	
1807	243014 05GRBLOP 138 247108 05SOWERS 138 1	243014	05GRBLOP	247108	05SOWERS	1	138	205	AEP	223	310	Base Case	0	30.4	-	13.62	0	-0.08%	-0.08%	0.03%	
1808	243064 05NPROCT 138 245615 05S.POINT2 138 1	243064	05NPROCT	245615	05S.POINT2	1	138	205	AEP	240	251	Base Case	0	32.7	-	13.62	0	0.05%	0.05%	0.04%	
1809	238570 02BEAVER 138 239738 02OAKPOINT 138 1	238570	02BEAVER	239738	02OAKPOINT	1	138	202	ATSI	200	242	Base Case	0	27.2	-	13.62	0	0.23%	0.23%	0.04%	
1810	244560 05ISABELLA 138 246308 05NEWARKC_BP 138 1	244560	05ISABELLA	246308	05NEWARKC_BP	1	138	205	AEP	124	124	Base Case	0	16.9	-	13.61	0	0.03%	0.03%	0.04%	
1811	238745 02GALION 345 242941 05OHIOCT 345 1	238745	02GALION	242941	05OHIOCT	1	345	202/205	ATSI/AEP	1228	1330	Base Case	0	-166.9	-	13.59	0	0.27%	0.27%	0.63%	
1812	253050 09MONUM2 138 253096 09WYAND2 138 1	253050	09MONUM2	253096	09WYAND2	1	138	209	DAY	195	195	Base Case	0	26.5	-	13.58	0	0.00%	0.00%	0.00%	
1813	238727 02WLBCT+ 138 239162 02WALBRD 138 1	238727	02WLBCT+	239162	02WALBRD	1	138	202	ATSI	163	163	Base Case	0	22.1	-	13.57	0	0.00%	0.00%	0.00%	
1814	242638 05FIELDALE1 138 242831 05THORNT 138 1	242638	05FIELDALE1	242831	05THORNT	1	138	205	AEP	150	204	Base Case	0	20.4	-	13.57	0	-0.04%	-0.04%	0.19%	
1815	244142 05MARQUETTE 138 247489 05BOSSERMAN 138 1	244142	05MARQUETTE	247489	05BOSSERMAN	1	138	205	AEP	251	335	Base Case	0	34	-	13.57	0	0.08%	0.08%	0.05%	
1816	243483 05CRCLVS 138 243522 05HARRISON 138 2	243483	05CRCLVS	243522	05HARRISON	2	138	205	AEP	323	451	Base Case	0	43.8	-	13.56	0	-0.02%	-0.02%	0.08%	
1817	243215 05COOK 345 247803 05SEGRETO 345 1	243215	05COOK	247803	05SEGRETO	1	345	205	AEP	1409	1868	Base Case	0	-191	-	13.56	0	0.50%	0.50%	-0.02%	
1818	243483 05CRCLVS 138 243522 05HARRISON 138 1	243483	05CRCLVS	243522	05HARRISON	1	138	205	AEP	323	451	Base Case	0	43.8	-	13.56	0	-0.02%	-0.02%	0.08%	
1819	250011 08DERPK1 138 250012 08DERPK2 138 Z1	250011	08DERPK1	250012	08DERPK2	Z1	138	212	DEO&K	406	454	Base Case	0	-55	-	13.55	0	0.00%	0.00%	0.00%	
1820	245964 05N.NEWARK2 138 246308 05NEWARKC_BP 138 1	245964	05N.NEWARK2	246308	05NEWARKC_BP	1	138	205	AEP	124	124	Base Case	0	-16.8	-	13.54	0	0.03%	0.03%	0.04%	
1821	238913 02LRCRQ2 138 239113 02SP Q-2 138 1	238913	02LRCRQ2	239113	02SP Q-2	1	138	202	ATSI	148	151	Base Case	0	20	-	13.54	0	-0.18%	-0.19%	0.04%	
1822	238906 02LNGVEW 138 238938 02MADISN 138 1	238906	02LNGVEW	238938	02MADISN	1	138	202	ATSI	160	192	Base Case	0	-21.6	-	13.53	0	0.11%	0.11%	-0.04%	
1823	242628 05E.LYNN 138 247243 05SHERID 138 1	242628	05E.LYNN	247243	05SHERID	1	138	205	AEP	296	378	Base Case	0	40	-	13.53	0	-0.05%	-0.05%	-0.14%	
1824	242623 05DAWES 138 247064 05KANAWHA2 138 1	242623	05DAWES	247064	05KANAWHA2	1	138	205	AEP	223	223	Base Case	0	-30.1	-	13.5	0	0.03%	0.03%	-0.15%	
1825	247034 05EMERSS 138 247508 05SARDINIA 138 1	247034	05EMERSS	247508	05SARDINIA	1	138	205	AEP	151	185	Base Case	0	-20.3	-	13.47	0	-0.06%	-0.06%	0.01%	
1826	243309 05HILLCR 138 243390 05WAYNED 138 1	243309	05HILLCR	243390	05WAYNED	1	138	205	AEP	219	251	Base Case	0	-29.4	-	13.44	0	-0.07%	-0.07%	-0.01%	
1827	243533 05LAYMAN 138 247319 05WOLFCK 138 1	243533	05LAYMAN	247319	05WOLFCK	1	138	205	AEP	205	255	Base Case	0	-27.6	-	13.44	0	-0.43%	-0.43%	-0.23%	
1828	238745 02GALION 345 242942 05SBERWI 345 1	238745	02GALION	242942	05SBERWI	1	345	202/205	ATSI/AEP	1228	1409	Base Case	0	-164.8	-	13.42	0	-0.70%	-0.70%	-0.74%	
1829	243311 05ARN HOGAN 138 245803 05DELAWR2 138 1	243311	05ARN HOGAN	245803	05DELAWR2	1	138	205	AEP	205	247	Base Case	0	27.4	-	13.36	0	-0.03%	-0.03%	0.04%	
1830	243272 05DALEVI 138 245946 05MADISON2 138 1	243272	05DALEVI	245946	05MADISON2	1	138	205	AEP	187	233	Base Case	0	-24.9	-	13.34	0	-0.02%	-0.02%	0.04%	
1831	238673 02E IND 138 239079 02S EAST 138 1	238673	02E IND	239079	02S EAST	1	138	202	ATSI	194	237	Base Case	0	-25.9	-	13.34	0	0.07%	0.07%	0.00%	
1832	238586 02BRKSID 138 239216 02TROY 138 1	238586	02BRKSID	239216	02TROY	1	138	202	ATSI	147	179	Base Case	0	-19.6	-	13.33	0	0.08%	0.08%	-0.11%	
1833	238815 02IKQ-15 138 238841 02JNPRQ2 138 1	238815	02IKQ-15	238841	02JNPRQ2	1	138	202	ATSI	223	286	Base Case	0	-29.7	-	13.32	0	0.01%	0.01%	-0.01%	
1834	243029 05LCKWRD 138 243086 05S HICK 138 1	243029	05LCKWRD	243086	05S HICK	1	138	205	AEP	223	310	Base Case	0	-29.7	-	13.31	0	-0.21%	-0.21%	0.07%	
1835	253049 09MONUM1 138 253095 09WYAND1 138 1	253049	09MONUM1	253095	09WYAND1	1	138	209	DAY	195	195	Base Case	0	25.9	-	13.29	0	0.00%	0.00%	0.00%	
1836	243686 05EXCELT 138 243694 05INEZ 138 1	243686	05EXCELT	243694	05INEZ	1	138	205	AEP	548	601	Base Case	0	-72.8	-	13.29	0	0.00%	0.00%	-0.14%	
1837	238651 02DANA 138 238786 02HAWTHO 138 1	238651	02DANA	238786	02HAWTHO	1	138	202	ATSI	288	353	Base Case	0	38.2	-	13.28	0	0.00%	0.00%	0.01%	
1838	247712 05SULLIVAN 345 254529 16PETE 345 1	247712	05SULLIVAN	254529	16PETE	1	345	205/216	AEP/IPL	1409	1409	Base Case	0	-186.8	-	13.26	0	0.32%	0.32%	0.43%	
1839	242760 05PROGPK 138 247850 05TOWN CREEK 138 1	242760	05PROGPK	247850	05TOWN CREEK	1	138	205	AEP	296	413	Base Case	0	39.2	-	13.25	0	0.04%	0.04%	0.19%	
1840	243286 05EDISON2 138 244119 05GRAVEL PIT 138 1	243286	05EDISON2	244119	05GRAVEL PIT	1	138	205	AEP	158	183	Base Case	0	20.9	-	13.23	0	-0.08%	-0.08%	-0.05%	
1841	239728 02BLKRVR 138 241932 02AMH.MUN2 138 1	239728	02BLKRVR	241932	02AMH.MUN2	1	138	202	ATSI	498	573	Base Case	0	-65.8	-	13.21	0	-0.28%	-0.28%	-0.02%	
1842	250075 08MTGRY1 138 250076 08MTGRY2 138 Z1	250075	08MTGRY1	250076	08MTGRY2	Z1	138	212	DEO&K	406	454	Base Case	0	53.6	-	13.2	0	-0.01%	-0.01%	-0.03%	
1843	243066 05NW LIM 138 243157 05WOODLA 138 1	243066	05NW LIM	243157	05WOODLA	1	138	205	AEP	205	205	Base Case	0	27	-	13.19	0	0.01%	0.01%	-0.06%	
1844	243510 05GAHANN 138 243523 05HCREAN 138 1	243510	05GAHANN	243523	05HCREAN	1	138	205	AEP	150	212	Base Case	0	19.8	-	13.19	0	0.05%	0.05%	0.01%	
1845	237081 AA2-121 TAP 345 242946 05TIDD 345 1	237081	AA2-121 TAP	242946	05TIDD	1	345	201/205	AP/AEP	1409	1409	Base Case	0	185.6	-	13.17	0	3.06%	3.06%	-0.23%	
1846	243578 05STRODZ 138 244230 05SUNDAY SS 138 1	243578	05STRODZ	244230	05SUNDAY SS	1	138	205	AEP	259	325	Base Case	0	34.1	-	13.16	0	-0.14%	-0.14%	0.15%	
1847	243485 05CLINTO 138 243487 05CHK TAP Z 138 1	243485	05CLINTO	243487	05CHK TAP Z	1	138	205	AEP	195	220	Base Case	0	-25.6	-	13.14	0	0.07%	0.07%	0.01%	
1848	243284 05DUPONT 138 246172 05DUPONT 8 138 Z1	243284	05DUPONT	246172	05DUPONT 8	Z1	138	205	AEP	167	245	Base Case	0	21.9	-	13.14	0	0.00%	0.00%	0.00%	
1849	242640 05FLOYD 138 242750 05PHILPOTT Z 138 1	242640	05FLOYD	242750	05PHILPOTT Z	1	138	205	AEP	205	280	Base Case	0	-26.9	-	13.13	0	0.05%	0.05%	0.52%	
1850	243057 05NEW LIBR1 138 247893 05FLAG CITY 138 1	243057	05NEW LIBR1	247893	05FLAG CITY	1	138	205	AEP	150	212	Base Case	0	-19.7	-	13.13	0	0.08%	0.08%	-0.06%	
1851	235198 01KEISTR 138 239350 02CAMPBL 138 1	235198	01KEISTR	239350	02CAMPBL	1	138	201/202	AP/ATSI	278	339	Base Case	0	36.4	-	13.1	0	0.74%	0.74%	0.00%	
1852	238500 02ALLEN-1 138 238532 02ALLNJB 138 ZB	238500	02ALLEN-1	238532	02ALLNJB	ZB	138	202	ATSI	563	563	Base Case	0	73.6	-	13.08	0	-0.06%	-0.06%	0.01%	
1853	238693 02ELM 138 239031 02PACKRD 138 1	238693	02ELM	239031	02PACKRD	1	138	202	ATSI	157	196	Base Case	0	-20.5	-	13.07	0	-0.02%	-0.02%	0.00%	
1854	239354 02HARMON 138 247460 05NOTTINGH34 138 1	239354	02HARMON	247460	05NOTTINGH34	1	138	202/205	ATSI/AEP	273	332	Base Case	0	-35.6	-	13.04	0	-0.04%	-0.04%	0.04%	
1855	238733 02FOXQ12 138 239033 02PDBQ12 138 1	238733	02FOXQ12	239033	02PDBQ12	1	138	202	ATSI	355	434	Base Case	0	46.3	-	13.04	0	0.09%	0.09%	0.00%	
1856	250025 08FLDMN1 138 250026 08FLDMN2 138 Z1	250025	08FLDMN1	250026	08FLDMN2	Z1	138	212	DEO&K	406	454	Base Case	0	52.9	-	13.03	0	0.01%	0.01%	0.03%	
1857	242526 05KANAWZ 345 242527 05M FUNK 345 1	242526	05KANAWZ	242527	05M FUNK	1	345	205	AEP	1132	1132	Base Case	0	147.4	-	13.03	0	-0.69%	-0.69%	-2.34%	
1858	238696 02ELWOD+ 138 238905 02LNC.PK 138 1	238696	02ELWOD+	238905	02LNC.PK	1	138	202	ATSI	155	155	Base Case	0	20.2	-	13.01	0	0.02%	0.02%	-0.03%	
1859	243331 05LINWOO 138 243920 05MAKAHOY 138 1	243331	05LINWOO	243920	05MAKAHOY	1	138	205	AEP	187	240	Base Case	0	24.2	-	12.96	0	0.02%	0.02%	0.06%	
1860	242938 05MARQUI 345 248005 06KYGER 345 1	242938	05MARQUI	248005	06KYGER	1	345	205/206	AEP/OVEC	971	971	Base Case	0	-125.8	-	12.95	0	0.34%	0.34%	0.07%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1861	250018 08EMWOD1 138 250019 08EMWOD6 138 Z1	250018	08EMWOD1	250019	08EMWOD6	Z1	138	212	DEO&K	273	287	Base Case	0	35.4	-	12.95	0	0.02%	0.02%	0.01%	
1862	242656 05GRASSH 138 242736 05OAKLEV 138 1	242656	05GRASSH	242736	05OAKLEV	1	138	205	AEP	219	223	Base Case	0	-28.3	-	12.94	0	-0.05%	-0.05%	0.40%	
1863	242965 05BRIDGEVILZ 138 242983 05CHANDLERVZ 138 1	242965	05BRIDGEVILZ	242983	05CHANDLERVZ	1	138	205	AEP	335	482	Base Case	0	-43.3	-	12.94	0	-0.47%	-0.47%	0.10%	
1864	242995 05EASTOW 138 245516 05ROCKHILL2 138 1	242995	05EASTOW	245516	05ROCKHILL2	1	138	205	AEP	187	240	Base Case	0	-24.2	-	12.94	0	0.01%	0.01%	-0.06%	
1865	245533 05HOLLOWAY34 138 247840 05DILESBTMZ1 138 1	245533	05HOLLOWAY34	247840	05DILESBTMZ1	1	138	205	AEP	466	564	Base Case	0	-60.3	-	12.93	0	-0.10%	-0.10%	0.18%	
1866	243242 05ALLEN 138 247864 05LOGTOWN 138 1	243242	05ALLEN	247864	05LOGTOWN	1	138	205	AEP	281	281	Base Case	0	36.3	-	12.9	0	-0.14%	-0.14%	-0.05%	
1867	242801 05SKEGGS BRZ 138 246828 05SKEGGS BR 138 Z1	242801	05SKEGGS BRZ	246828	05SKEGGS BR	Z1	138	205	AEP	158	167	Base Case	0	20.3	-	12.87	0	0.00%	0.00%	0.00%	
1868	242743 05PARKHI 138 242842 05W HUNT 138 1	242743	05PARKHI	242842	05W HUNT	1	138	205	AEP	146	167	Base Case	0	-18.8	-	12.86	0	-0.06%	-0.06%	-0.02%	
1869	243532 05KIRK 138 247767 05HAZELTON 138 1	243532	05KIRK	247767	05HAZELTON	1	138	205	AEP	564	747	Base Case	0	72.4	-	12.84	0	0.00%	0.00%	0.00%	
1870	246887 05RAMEY 138 247652 05HOODSCRK 138 1	246887	05RAMEY	247652	05HOODSCRK	1	138	205	AEP	251	335	Base Case	0	32.2	-	12.83	0	0.00%	0.00%	-0.01%	
1871	238658 02DECANT 138 239030 02OTTAWA 138 1	238658	02DECANT	239030	02OTTAWA	1	138	202	ATSI	242	296	Base Case	0	31	-	12.79	0	-0.17%	-0.17%	-0.03%	
1872	249578 08HILCRT 345 250136 08HILCRT 138 1	249578	08HILCRT	250136	08HILCRT	1	345/138	212	DEO&K	480	501	Base Case	0	61.3	-	12.77	0	0.04%	0.04%	0.03%	
1873	243354 05ONTWA8 138 243355 05ONTWA8 SS 138 1	243354	05ONTWA8	243355	05ONTWA8 SS	1	138	205	AEP	185	185	Base Case	0	-23.6	-	12.76	0	0.00%	0.00%	0.00%	
1874	242530 05EDANV1 230 304024 6ROXSEP230 T 230 1	242530	05EDANV1	304024	6ROXSEP230 T	1	230	205/340	AEP/CPLE	621	771	Base Case	0	-79.2	-	12.75	0	0.30%	0.30%	3.39%	
1875	235418 01WASHMP 138 243490 05CORNER 138 1	235418	01WASHMP	243490	05CORNER	1	138	201/205	AP/AEP	282	332	Base Case	0	-35.9	-	12.75	0	-0.13%	-0.13%	-0.10%	
1876	239075 02ROSEMT 138 239161 02WAKRON 138 1	239075	02ROSEMT	239161	02WAKRON	1	138	202	ATSI	233	282	Base Case	0	29.7	-	12.74	0	-0.04%	-0.04%	0.04%	
1877	238509 02FREY 138 239310 02BPHUSKY 138 1	238509	02FREY	239310	02BPHUSKY	1	138	202	ATSI	241	292	Base Case	0	-30.7	-	12.72	0	-0.03%	-0.03%	-0.04%	
1878	242635 05ELKGAR 138 246766 05ELKGAZ 138 1	242635	05ELKGAR	246766	05ELKGAZ	1	138	205	AEP	145	145	Base Case	0	-18.4	-	12.7	0	0.00%	0.00%	0.00%	
1879	247319 05WOLFCK 138 247370 05MUSKNG1A 138 1	247319	05WOLFCK	247370	05MUSKNG1A	1	138	205	AEP	323	437	Base Case	0	-41	-	12.7	0	-0.43%	-0.43%	-0.23%	
1880	246327 05NOTTINGH78 138 247461 05FREEBYRD 138 1	246327	05NOTTINGH78	247461	05FREEBYRD	1	138	205	AEP	296	413	Base Case	0	37.6	-	12.7	0	-0.21%	-0.21%	0.03%	
1881	239106 02SHNAGO 345 239303 02NILES 345 1	239106	02SHNAGO	239303	02NILES	1	345	202	ATSI	1542	1878	Base Case	0	195.8	-	12.7	0	0.72%	0.72%	-0.14%	
1882	238817 02IKQ-18 138 240351 02IV-NB+18 138 1	238817	02IKQ-18	240351	02IV-NB+18	1	138	202	ATSI	273	332	Base Case	0	34.6	-	12.69	0	-0.04%	-0.04%	0.02%	
1883	238762 02GR Q-3 138 239051 02PV Q3 138 1	238762	02GR Q-3	239051	02PV Q3	1	138	202	ATSI	267	332	Base Case	0	-33.9	-	12.68	0	0.18%	0.18%	0.01%	
1884	235336 01GOFFRN 138 247793 05LINDEN RD 138 1	235336	01GOFFRN	247793	05LINDEN RD	1	138	201/205	AP/AEP	169	213	Base Case	0	-21.4	-	12.68	0	-0.26%	-0.26%	0.16%	
1885	242585 05CAVE SPR1Z 138 245723 05CAVE SPR 138 Z1	242585	05CAVE SPR1Z	245723	05CAVE SPR	Z1	138	205	AEP	164	180	Base Case	0	20.8	-	12.67	0	0.00%	0.00%	0.00%	
1886	238825 02IVANHO 138 239031 02PACKRD 138 1	238825	02IVANHO	239031	02PACKRD	1	138	202	ATSI	200	242	Base Case	0	25.3	-	12.66	0	-0.02%	-0.02%	0.00%	
1887	238989 02NB Q17 138 240350 02IV-NB+17 138 ZL	238989	02NB Q17	240350	02IV-NB+17	ZL	138	202	ATSI	164	206	Base Case	0	-20.8	-	12.66	0	0.00%	0.00%	0.00%	
1888	243242 05ALLEN 138 245832 05LINCOLN2 138 1	243242	05ALLEN	245832	05LINCOLN2	1	138	205	AEP	293	296	Base Case	0	37.1	-	12.65	0	0.05%	0.05%	0.03%	
1889	238818 02ILQ-11 138 239049 02PV Q1 138 1	238818	02ILQ-11	239049	02PV Q1	1	138	202	ATSI	225	295	Base Case	0	-28.4	-	12.64	0	-0.06%	-0.06%	0.02%	
1890	242827 05TAZEWE 138 247150 05FARADAY 138 1	242827	05TAZEWE	247150	05FARADAY	1	138	205	AEP	296	400	Base Case	0	37.2	-	12.57	0	-0.03%	-0.03%	0.04%	
1891	239025 02NY Q11 138 239053 02PVMQ15 138 1	239025	02NY Q11	239053	02PVMQ15	1	138	202	ATSI	273	332	Base Case	0	34.3	-	12.56	0	0.08%	0.08%	-0.02%	
1892	239018 02FULTON 345 239370 02DOWLING 345 1	239018	02FULTON	239370	02DOWLING	1	345	202	ATSI	1222	1385	Base Case	0	-153.3	-	12.55	0	0.39%	0.39%	0.09%	
1893	238917 02STACY 138 239097 02SBRNQ3 138 1	238917	02STACY	239097	02SBRNQ3	1	138	202	ATSI	148	151	Base Case	0	-18.6	-	12.54	0	0.09%	0.09%	-0.02%	
1894	238508 02EBER 138 239169 02WENTWT 138 1	238508	02EBER	239169	02WENTWT	1	138	202	ATSI	278	343	Base Case	0	34.8	-	12.52	0	-0.04%	-0.04%	0.01%	
1895	238889 02LEMOYN 345 238961 02MIDWAY 345 1	238889	02LEMOYN	238961	02MIDWAY	1	345	202	ATSI	1380	1646	Base Case	0	172.8	-	12.52	0	0.40%	0.40%	0.10%	
1896	238734 02FOXQ13 138 240258 02FUQ-13 138 1	238734	02FOXQ13	240258	02FUQ-13	1	138	202	ATSI	425	522	Base Case	0	53.1	-	12.5	0	0.10%	0.10%	0.01%	
1897	242605 05CLNCHR 138 242615 05COPPER 138 1	242605	05CLNCHR	242615	05COPPER	1	138	205	AEP	219	223	Base Case	0	27.4	-	12.5	0	-0.02%	-0.02%	-0.20%	
1898	239063 02REYNOD 138 239146 02UTTP1 138 1	239063	02REYNOD	239146	02UTTP1	1	138	202	ATSI	308	376	Base Case	0	38.5	-	12.49	0	-0.06%	-0.06%	0.01%	
1899	253026 09GREENE 138 253107 09ALPHA 138 1	253026	09GREENE	253107	09ALPHA	1	138	209	DAY	301	374	Base Case	0	-37.6	-	12.48	0	-0.10%	-0.10%	-0.03%	
1900	239057 02LRCRQ4 138 239115 02SP Q-4 138 1	239057	02LRCRQ4	239115	02SP Q-4	1	138	202	ATSI	148	151	Base Case	0	18.5	-	12.47	0	-0.19%	-0.19%	0.04%	
1901	242980 05CANTNC 138 243097 05SECANT 138 1	242980	05CANTNC	243097	05SECANT	1	138	205	AEP	296	398	Base Case	0	-36.8	-	12.45	0	-0.13%	-0.13%	0.07%	
1902	239033 02PDBQ12 138 240260 02GMCQ12 138 1	239033	02PDBQ12	240260	02GMCQ12	1	138	202	ATSI	355	434	Base Case	0	44.1	-	12.43	0	0.09%	0.09%	0.00%	
1903	238542 02ASH_1 138 239095 02SBRNQ1 138 1	238542	02ASH_1	239095	02SBRNQ1	1	138	202	ATSI	148	151	Base Case	0	18.4	-	12.43	0	0.18%	0.18%	-0.03%	
1904	243248 05BARODA 138 243277 05DERBY 138 1	243248	05BARODA	243277	05DERBY	1	138	205	AEP	205	205	Base Case	0	-25.5	-	12.42	0	0.06%	0.06%	0.02%	
1905	247373 05MUSKNG2A 138 247374 05MUSKNG2B 138 Z1	247373	05MUSKNG2A	247374	05MUSKNG2B	Z1	138	205	AEP	766	898	Base Case	0	95.1	-	12.42	0	-0.06%	-0.06%	0.11%	
1906	239110 02SIL_AV+ 138 239346 02SILICA+ 138 1	239110	02SIL_AV+	239346	02SILICA+	1	138	202	ATSI	278	343	Base Case	0	34.5	-	12.41	0	0.00%	0.00%	0.00%	
1907	239111 02SILICA 138 239346 02SILICA+ 138 1	239111	02SILICA	239346	02SILICA+	1	138	202	ATSI	278	343	Base Case	0	-34.5	-	12.41	0	0.00%	0.00%	0.00%	
1908	238743 02ER-DNB+Q11 138 240347 02FOWLESQ11 138 1	238743	02ER-DNB+Q11	240347	02FOWLESQ11	1	138	202	ATSI	176	229	Base Case	0	21.8	-	12.39	0	-0.19%	-0.19%	-0.02%	
1909	238698 02ENQ-11 138 240347 02FOWLESQ11 138 1	238698	02ENQ-11	240347	02FOWLESQ11	1	138	202	ATSI	176	229	Base Case	0	-21.8	-	12.39	0	-0.19%	-0.19%	-0.02%	
1910	242514 05J.FERR 765 242517 05WYOMIN 765 1	242514	05J.FERR	242517	05WYOMIN	1	765	205	AEP	4142	4142	Base Case	0	-512.5	-	12.37	0	-2.21%	-2.20%	-10.24%	
1911	242715 05MERRIM 138 242839 05VICKER 138 1	242715	05MERRIM	242839	05VICKER	1	138	205	AEP	205	205	Base Case	0	-25.3	-	12.35	0	-0.04%	-0.04%	-0.02%	
1912	242924 05HANG R 765 243208 05JEFRSO 765 1	242924	05HANG R	243208	05JEFRSO	1	765	205	AEP	4047	4571	Base Case	0	-500	-	12.35	0	-3.68%	-3.68%	-4.00%	
1913	243466 05ASTOR 138 243467 05E.BROAD3 138 1	243466	05ASTOR	243467	05E.BROAD3	1	138	205	AEP	209	209	Base Case	0	-25.8	-	12.34	0	0.03%	0.03%	-0.01%	
1914	239026 02NY Q12 138 239054 02PVMQ16 138 1	239026	02NY Q12	239054	02PVMQ16	1	138	202	ATSI	278	339	Base Case	0	34.3	-	12.33	0	0.08%	0.08%	-0.02%	
1915	239151 02VULCTA 138 239169 02WENTWT 138 1	239151	02VULCTA	239169	02WENTWT	1	138	202	ATSI	278	343	Base Case	0	34.3	-	12.32	0	0.04%	0.04%	-0.02%	
1916	239054 02PVMQ16 138 239331 02NASHRING 138 1	239054	02PVMQ16	239331	02NASHRING	1	138	202	ATSI	278	339	Base Case	0	34.2	-	12.31	0	0.08%	0.08%	-0.02%	
1917	242820 05SUNDL1 138 244187 05STINK RUN 138 1	242820	05SUNDL1	244187	05STINK RUN	1	138	205	AEP	205	205	Base Case	0	25.2	-	12.29	0	0.01%	0.01%	0.02%	
1918	243325 05LANTRN 138 245803 05DELAWR2 138 1	243325	05LANTRN	245803	05DELAWR2	1	138	205	AEP	187	233	Base Case	0	-23	-	12.28	0	-0.01%	-0.01%	0.00%	
1919	242786 05S.PRINCETN 138 246898 05HALLSR 138 1	242786	05S.PRINCETN	246898	05HALLSR	1	138	205	AEP	334	334	Base Case	0	41	-	12.28	0	-0.20%	-0.20%	-0.37%	
1920	243385 05TWIN B 138 246066 05S.BEND2 138 1	243385	05TWIN B	246066	05S.BEND2	1	138	205	AEP	335	380	Base Case	0	41.1	-	12.27	0	0.16%	0.16%	0.11%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1921	243514 05RJF CORP Z 138 247804 05DEVOLA 138 1	243514	05RJF CORP Z	247804	05DEVOLA	1	138	205	AEP	282	282	Base Case	0	-34.6	-	12.26	0	-0.07%	-0.07%	-0.08%	
1922	242572 05BURLHT 138 242584 05CATAWZ 138 1	242572	05BURLHT	242584	05CATAWZ	1	138	205	AEP	219	223	Base Case	0	26.8	-	12.24	0	0.11%	0.11%	0.29%	
1923	242584 05CATAWZ 138 242852 05WSALEM 138 1	242584	05CATAWZ	242852	05WSALEM	1	138	205	AEP	219	223	Base Case	0	26.8	-	12.24	0	0.11%	0.11%	0.29%	
1924	249567 08M.FORT 345 249576 08WODSDL 345 1	249567	08M.FORT	249576	08WODSDL	1	345	212	DEO&K	1509	1509	Base Case	0	184.6	-	12.23	0	-0.14%	-0.14%	-0.01%	
1925	247822 05QUINWOOD 138 247824 05NUTALL 138 1	247822	05QUINWOOD	247824	05NUTALL	1	138	205	AEP	316	444	Base Case	0	-38.5	-	12.17	0	-0.22%	-0.22%	0.12%	
1926	243495 05DAVIDS 138 247873 05BRITTON 138 1	243495	05DAVIDS	247873	05BRITTON	1	138	205	AEP	283	369	Base Case	0	34.4	-	12.15	0	-0.02%	-0.02%	0.00%	
1927	243214 05COLNGW 345 243231 05ROB PK 345 1	243214	05COLNGW	243231	05ROB PK	1	345	205	AEP	1409	1409	Base Case	0	-171.1	-	12.14	0	0.45%	0.45%	0.41%	
1928	243584 05VINE 138 246094 05VINE_X 138 ZX	243584	05VINE	246094	05VINE_X	ZX	138	205	AEP	278	278	Base Case	0	-33.7	-	12.11	0	-0.05%	-0.05%	-0.03%	
1929	239100 02SEVILL 138 239238 02SEVM 138 1	239100	02SEVILL	239238	02SEVM	1	138	202	ATSI	233	282	Base Case	0	-28.2	-	12.1	0	0.11%	0.11%	0.04%	
1930	247086 05REDHIL 115 314773 3RED HIL 115 Z1	247086	05REDHIL	314773	3RED HIL	Z1	115	205/345	AEP/DVP	48	48	Base Case	0	-5.8	-	12.07	0	0.00%	0.00%	0.00%	
1931	238884 02LEMO K 138 239154 02W.FREM 138 1	238884	02LEMO K	239154	02W.FREM	1	138	202	ATSI	158	190	Base Case	0	-19	-	12.06	0	0.12%	0.12%	-0.01%	
1932	242591 05CENTRR 138 242765 05REUSENS1 138 1	242591	05CENTRR	242765	05REUSENS1	1	138	205	AEP	136	167	Base Case	0	-16.4	-	12.03	0	0.04%	0.04%	0.24%	
1933	238597 02CADQ17 138 238599 02IXQ-2 138 1	238597	02CADQ17	238599	02IXQ-2	1	138	202	ATSI	273	332	Base Case	0	32.8	-	12.03	0	0.00%	0.00%	0.00%	
1934	250024 08FINTWN 138 250064 08MHLTY2 138 1	250024	08FINTWN	250064	08MHLTY2	1	138	212	DEO&K	266	266	Base Case	0	32	-	12.02	0	0.01%	0.01%	0.00%	
1935	243390 05WAYNED 138 247829 05AVIATION 138 1	243390	05WAYNED	247829	05AVIATION	1	138	205	AEP	323	451	Base Case	0	-38.8	-	12	0	-0.02%	-0.02%	0.01%	
1936	239161 02WAKRON 138 239617 02SOUREK 138 1	239161	02WAKRON	239617	02SOUREK	1	138	202	ATSI	200	242	Base Case	0	-24	-	11.99	0	0.08%	0.08%	-0.02%	
1937	242636 05FALLBR 138 242715 05MERRIM 138 1	242636	05FALLBR	242715	05MERRIM	1	138	205	AEP	293	341	Base Case	0	35.1	-	11.99	0	0.03%	0.03%	0.04%	
1938	243294 05FLWRFD8 SS 138 247330 05BRODY 138 1	243294	05FLWRFD8 SS	247330	05BRODY	1	138	205	AEP	251	251	Base Case	0	-30	-	11.97	0	-0.01%	-0.01%	-0.01%	
1939	243688 05S.PORT MTR 138 245949 05MLBRPK_ARG 138 1	243688	05S.PORT MTR	245949	05MLBRPK_ARG	1	138	205	AEP	205	205	Base Case	0	24.5	-	11.95	0	-0.03%	-0.03%	0.00%	
1940	243267 05COUNTY 138 245476 05ROB PK34 138 1	243267	05COUNTY	245476	05ROB PK34	1	138	205	AEP	323	451	Base Case	0	-38.5	-	11.92	0	0.02%	0.02%	0.02%	
1941	239149 02VULCAN 138 239151 02VULCTA 138 1	239149	02VULCAN	239151	02VULCTA	1	138	202	ATSI	288	346	Base Case	0	34.3	-	11.91	0	0.04%	0.04%	-0.02%	
1942	243314 05HUNTR8 138 245476 05ROB PK34 138 1	243314	05HUNTR8	245476	05ROB PK34	1	138	205	AEP	257	360	Base Case	0	-30.5	-	11.87	0	0.07%	0.07%	0.06%	
1943	243473 05BIXBY 138 246696 05BIXBY T3 138 Z1	243473	05BIXBY	246696	05BIXBY T3	Z1	138	205	AEP	196	247	Base Case	0	23.3	-	11.86	0	0.00%	0.00%	0.00%	
1944	238928 02LTV+ 138 239073 02ROBERT 138 ZL	238928	02LTV+	239073	02ROBERT	ZL	138	202	ATSI	200	242	Base Case	0	-23.7	-	11.85	0	0.10%	0.10%	-0.11%	
1945	243074 05PHILO1 138 246010 05PHILO2 138 Z1	243074	05PHILO1	246010	05PHILO2	Z1	138	205	AEP	548	555	Base Case	0	64.9	-	11.84	0	0.48%	0.48%	-0.02%	
1946	242531 05EDANV2 230 304094 6YANCY TAP 230 1	242531	05EDANV2	304094	6YANCY TAP	1	230	205/340	AEP/CPLE	621	771	Base Case	0	-73.5	-	11.84	0	0.30%	0.30%	3.35%	
1947	242633 05EDENSR 138 242678 05INDIAS 138 1	242633	05EDENSR	242678	05INDIAS	1	138	205	AEP	158	167	Base Case	0	18.7	-	11.83	0	0.00%	0.00%	0.05%	
1948	243558 05RIO 138 243559 05RIO Z 138 1	243558	05RIO	243559	05RIO Z	1	138	205	AEP	145	145	Base Case	0	-17.1	-	11.76	0	-0.01%	-0.01%	-0.02%	
1949	238859 02KIQ-11 138 239005 02NHTQ11 138 1	238859	02KIQ-11	239005	02NHTQ11	1	138	202	ATSI	273	332	Base Case	0	32.1	-	11.74	0	0.16%	0.16%	-0.05%	
1950	238807 02HMLQ12 138 240260 02GMCQ12 138 1	238807	02HMLQ12	240260	02GMCQ12	1	138	202	ATSI	355	434	Base Case	0	-41.6	-	11.73	0	0.09%	0.09%	0.00%	
1951	244745 05BABBIT1-2 138 247767 05HAZELTON 138 1	244745	05BABBIT1-2	247767	05HAZELTON	1	138	205	AEP	564	755	Base Case	0	-66.1	-	11.72	0	0.00%	0.00%	0.00%	
1952	250079 08NWTWN1 138 250080 08NWTWN2 138 Z1	250079	08NWTWN1	250080	08NWTWN2	Z1	138	212	DEO&K	394	394	Base Case	0	-46.2	-	11.72	0	0.06%	0.06%	0.06%	
1953	243222 05FALL C 345 254535 16SUNNYS 345 1	243222	05FALL C	254535	16SUNNYS	1	345	205/216	AEP/IPL	956	956	Base Case	0	-111.7	-	11.69	0	-0.01%	-0.01%	0.33%	
1954	243039 05MELMOR 138 243130 05TIFFIN 138 1	243039	05MELMOR	243130	05TIFFIN	1	138	205	AEP	299	423	Base Case	0	-34.9	-	11.69	0	-0.01%	-0.01%	-0.09%	
1955	238557 02B.M.F. 138 239048 02PPPINE 138 1	238557	02B.M.F.	239048	02PPPINE	1	138	202	ATSI	212	239	Base Case	0	24.8	-	11.69	0	0.03%	0.03%	0.00%	
1956	243242 05ALLEN 138 243330 05LINCOLN1 138 3	243242	05ALLEN	243330	05LINCOLN1	3	138	205	AEP	167	240	Base Case	0	19.4	-	11.64	0	0.02%	0.02%	0.01%	
1957	239180 02ZELI-M 138 239943 02MKWEST2 138 1	239180	02ZELI-M	239943	02MKWEST2	1	138	202	ATSI	312	380	Base Case	0	36.2	-	11.6	0	-0.68%	-0.68%	0.05%	
1958	243019 05HILLSB 138 249995 08CLINCO 138 1	243019	05HILLSB	249995	08CLINCO	1	138	205/212	AEP/DEO&K	229	229	Base Case	0	26.6	-	11.59	0	0.13%	0.13%	0.13%	
1959	243010 05FTHENR 138 246927 05SAND H 138 1	243010	05FTHENR	246927	05SAND H	1	138	205	AEP	205	255	Base Case	0	23.8	-	11.59	0	0.14%	0.14%	-0.09%	
1960	242611 05COALFK 138 242623 05DAWES 138 1	242611	05COALFK	242623	05DAWES	1	138	205	AEP	223	223	Base Case	0	-25.8	-	11.57	0	0.03%	0.03%	-0.15%	
1961	238599 02IXQ-2 138 240250 02CHIAQ-2 138 1	238599	02IXQ-2	240250	02CHIAQ-2	1	138	202	ATSI	273	332	Base Case	0	31.6	-	11.56	0	0.00%	0.00%	0.00%	
1962	242747 05PEMBRT 138 242818 05STOTES 138 1	242747	05PEMBRT	242818	05STOTES	1	138	205	AEP	251	335	Base Case	0	-29	-	11.56	0	-0.04%	-0.04%	-0.10%	
1963	238610 02CDR ST 138 239107 02SHNAGO 138 1	238610	02CDR ST	239107	02SHNAGO	1	138	202	ATSI	278	339	Base Case	0	32.1	-	11.55	0	0.23%	0.23%	-0.01%	
1964	250054 08LONGBR 138 342559 4BOONE CO 138 1	250054	08LONGBR	342559	4BOONE CO	1	138	212/320	DEO&K/EKPC	229	284	Base Case	0	-26.4	-	11.53	0	-0.01%	-0.01%	0.12%	
1965	243587 05WILSNZ 138 243588 05WILSON 138 1	243587	05WILSNZ	243588	05WILSON	1	138	205	AEP	223	223	Base Case	0	25.7	-	11.51	0	-0.04%	-0.04%	-0.01%	
1966	243013 05GAVIN1 138 243766 05LIGHTSTONL 138 ZC	243013	05GAVIN1	243766	05LIGHTSTONL	ZC	138	205	AEP	348	407	Base Case	0	40	-	11.49	0	0.00%	0.00%	0.00%	
1967	243013 05GAVIN1 138 243766 05LIGHTSTONL 138 ZD	243013	05GAVIN1	243766	05LIGHTSTONL	ZD	138	205	AEP	348	407	Base Case	0	40	-	11.49	0	0.00%	0.00%	0.00%	
1968	242941 05OHIOCT 345 243455 05CONES 345 1	242941	05OHIOCT	243455	05CONES	1	345	205	AEP	1370	1503	Base Case	0	157.4	-	11.49	0	0.41%	0.41%	-0.12%	
1969	249998 08CMMSVL 138 250062 08METRSR 138 1	249998	08CMMSVL	250062	08METRSR	1	138	212	DEO&K	268	268	Base Case	0	30.8	-	11.48	0	-0.01%	-0.01%	-0.02%	
1970	247802 05ARENDSR SS 138 247804 05DEVOLA 138 1	247802	05ARENDSR SS	247804	05DEVOLA	1	138	205	AEP	296	413	Base Case	0	-33.9	-	11.47	0	0.19%	0.19%	0.14%	
1971	242968 05BRUES 138 242969 05BRUES2 138 Z1	242968	05BRUES	242969	05BRUES2	Z1	138	205	AEP	548	601	Base Case	0	62.7	-	11.43	0	0.00%	0.00%	0.05%	
1972	238851 02KD Q-1 138 238857 02KHTPQ1 138 1	238851	02KD Q-1	238857	02KHTPQ1	1	138	202	ATSI	273	332	Base Case	0	31.2	-	11.43	0	0.00%	0.00%	0.00%	
1973	243464 05ADAMS 138 246942 05WARERD 138 1	243464	05ADAMS	246942	05WARERD	1	138	205	AEP	296	413	Base Case	0	-33.8	-	11.43	0	0.10%	0.10%	0.07%	
1974	253027 09GREENE 345 253248 09SCHARL 345 1	253027	09GREENE	253248	09SCHARL	1	345	209	DAY	1239	1374	Base Case	0	141.5	-	11.42	0	-1.19%	-1.19%	-0.35%	
1975	242559 05BOLT Z 138 242820 05SUNDL1 138 1	242559	05BOLT Z	242820	05SUNDL1	1	138	205	AEP	223	223	Base Case	0	25.4	-	11.38	0	-0.02%	-0.02%	0.18%	
1976	238812 02HOYTDL 345 238813 02HOYTDL 138 2	238812	02HOYTDL	238813	02HOYTDL	2	345/138	202	ATSI	533	601	Base Case	0	60.5	-	11.34	0	-0.79%	-0.80%	-0.02%	
1977	238894 02LF Q-4 138 239004 02NFLDQ4 138 1	238894	02LF Q-4	239004	02NFLDQ4	1	138	202	ATSI	256	262	Base Case	0	-29	-	11.33	0	-0.14%	-0.14%	0.05%	
1978	243320 05KANKAKEE2 138 245857 05KANKAKEE1 138 Z1	243320	05KANKAKEE2	245857	05KANKAKEE1	Z1	138	205	AEP	187	240	Base Case	0	-21.2	-	11.32	0	0.06%	0.06%	0.04%	
1979	243316 05INDUST PK1 138 243338 05MCKINLEY3 138 1	243316	05INDUST PK1	243338	05MCKINLEY3	1	138	205	AEP	251	335	Base Case	0	-28.4	-	11.32	0	0.02%	0.02%	0.05%	
1980	246915 05PRINCESS 138 247652 05HOODSCRK 138 1	246915	05PRINCESS	247652	05HOODSCRK	1	138	205	AEP	251	335	Base Case	0	-28.4	-	11.31	0	0.00%	0.00%	-0.01%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1981	243006 05FOSTOR 138 243137 05W.END FOS1 138 1	243006	05FOSTOR	243137	05W.END FOS1	1	138	205	AEP	296	296	Base Case	0	33.5	-	11.31	0	-0.10%	-0.10%	0.08%	
1982	239154 02W.FREM 138 239177 02WOODVI 138 1	239154	02W.FREM	239177	02WOODVI	1	138	202	ATSI	278	342	Base Case	0	31.4	-	11.3	0	0.13%	0.13%	-0.03%	
1983	243470 05BELPRE 138 243496 05CONGRES SS 138 1	243470	05BELPRE	243496	05CONGRES SS	1	138	205	AEP	296	361	Base Case	0	33.4	-	11.29	0	0.24%	0.24%	0.14%	
1984	250019 08EMWOD6 138 250117 08TRMNL1 138 1	250019	08EMWOD6	250117	08TRMNL1	1	138	212	DEO&K	299	299	Base Case	0	-33.6	-	11.24	0	-0.02%	-0.02%	-0.01%	
1985	246930 05BLUECK 345 246931 05BLUECK 115 1	246930	05BLUECK	246931	05BLUECK	1	345/115	205	AEP	350	367	Base Case	0	-39.3	-	11.23	0	-0.03%	-0.03%	-0.03%	
1986	243490 05CORNER 138 243565 05RIVERV S. 138 1	243490	05CORNER	243565	05RIVERV S.	1	138	205	AEP	240	282	Base Case	0	-26.9	-	11.22	0	0.06%	0.06%	-0.01%	
1987	243370 05S.BEND1 138 246066 05S.BEND2 138 Z1	243370	05S.BEND1	246066	05S.BEND2	Z1	138	205	AEP	219	255	Base Case	0	-24.6	-	11.21	0	0.20%	0.20%	0.12%	
1988	243319 05JAY 138 243358 05PENNVI 138 1	243319	05JAY	243358	05PENNVI	1	138	205	AEP	257	359	Base Case	0	28.7	-	11.18	0	0.01%	0.01%	0.06%	
1989	242578 05CARB Z 138 242593 05CHEM 2 138 1	242578	05CARB Z	242593	05CHEM 2	1	138	205	AEP	296	296	Base Case	0	33	-	11.16	0	-0.04%	-0.04%	-0.02%	
1990	238832 02JACKMA 138 239170 02WESTGT 138 1	238832	02JACKMA	239170	02WESTGT	1	138	202	ATSI	278	343	Base Case	0	31	-	11.15	0	0.05%	0.05%	-0.01%	
1991	238735 02FOXQ14 138 241935 02CLINTON 138 1	238735	02FOXQ14	241935	02CLINTON	1	138	202	ATSI	355	434	Base Case	0	39.6	-	11.15	0	0.00%	0.00%	0.00%	
1992	243514 05RJF CORP Z 138 243521 05HARMRH 138 1	243514	05RJF CORP Z	243521	05HARMRH	1	138	205	AEP	282	282	Base Case	0	31.4	-	11.13	0	-0.07%	-0.07%	-0.08%	
1993	238534 02ANGOLA 138 239169 02WENTWT 138 1	238534	02ANGOLA	239169	02WENTWT	1	138	202	ATSI	278	342	Base Case	0	-30.9	-	11.13	0	0.00%	0.00%	-0.01%	
1994	243256 05CABOT SS 138 243258 05CLEVEL 138 1	243256	05CABOT SS	243258	05CLEVEL	1	138	205	AEP	205	284	Base Case	0	-22.8	-	11.11	0	-0.04%	-0.04%	-0.02%	
1995	243386 05VALLY 138 244076 05ALMENA 138 1	243386	05VALLY	244076	05ALMENA	1	138	205	AEP	296	413	Base Case	0	32.8	-	11.09	0	0.00%	0.00%	0.00%	
1996	245533 05HOLLOWAY34 138 247852 05DILESBTMZ2 138 1	245533	05HOLLOWAY34	247852	05DILESBTMZ2	1	138	205	AEP	556	678	Base Case	0	-61.7	-	11.09	0	-0.10%	-0.10%	0.18%	
1997	238812 02HOYTDL 345 238813 02HOYTDL 138 1	238812	02HOYTDL	238813	02HOYTDL	1	345/138	202	ATSI	533	601	Base Case	0	59.1	-	11.08	0	-0.78%	-0.78%	-0.02%	
1998	249988 08BKJ135 138 250097 08SGROVE 138 1	249988	08BKJ135	250097	08SGROVE	1	138	212	DEO&K	291	291	Base Case	0	-32.2	-	11.08	0	-0.07%	-0.07%	-0.04%	
1999	242703 05LEON A 138 243947 05RIPLEY 138 1	242703	05LEON A	243947	05RIPLEY	1	138	205	AEP	296	413	Base Case	0	32.8	-	11.08	0	0.02%	0.02%	0.02%	
2000	243229 05OLIVE 345 270771 GREENACRE; T 345 1	243229	05OLIVE	270771	GREENACRE; T	1	345	205/222	AEP/CE	971	971	Base Case	0	107.3	-	11.05	0	0.75%	0.75%	0.54%	
2001	242598 05CHNC Z 138 242809 05SPRIG1 138 1	242598	05CHNC Z	242809	05SPRIG1	1	138	205	AEP	167	167	Base Case	0	18.4	-	11.04	0	0.07%	0.07%	0.05%	
2002	242688 05JOSHUA 138 242737 05OPOSSUMCK 138 1	242688	05JOSHUA	242737	05OPOSSUMCK	1	138	205	AEP	388	484	Base Case	0	42.8	-	11.04	0	0.00%	0.00%	-0.43%	
2003	242621 05DARRH1 138 242622 05DARRH2 138 Z1	242621	05DARRH1	242622	05DARRH2	Z1	138	205	AEP	302	302	Base Case	0	33.3	-	11.04	0	-0.05%	-0.05%	0.00%	
2004	249992 08CDRVL1 138 249993 08CDRVL2 138 Z1	249992	08CDRVL1	249993	08CDRVL2	Z1	138	212	DEO&K	516	573	Base Case	0	-56.7	-	11	0	0.03%	0.03%	0.03%	
2005	243697 05LOVELY 138 246923 05NEWSOM 138 1	243697	05LOVELY	246923	05NEWSOM	1	138	205	AEP	251	335	Base Case	0	27.5	-	10.96	0	-0.07%	-0.07%	-0.12%	
2006	247019 05NEVILLE SS 138 247862 05TUSCANY 138 1	247019	05NEVILLE SS	247862	05TUSCANY	1	138	205	AEP	427	601	Base Case	0	-46.8	-	10.95	0	-0.02%	-0.02%	0.09%	
2007	246950 05TIMBSS 138 246951 05TIMBCS 138 Z1	246950	05TIMBSS	246951	05TIMBCS	Z1	138	205	AEP	167	245	Base Case	0	-18.3	-	10.94	0	-0.01%	-0.01%	-0.01%	
2008	242521 05NAGEL 500 242729 05NAGEL 138 1	242521	05NAGEL	242729	05NAGEL	1	500/138	205	AEP	750	750	Base Case	0	81.9	-	10.92	0	-0.01%	-0.01%	0.14%	
2009	238595 02BURTON 138 239056 02R.M. + 138 1	238595	02BURTON	239056	02R.M. +	1	138	202	ATSI	157	192	Base Case	0	-17.1	-	10.92	0	-0.01%	-0.01%	0.00%	
2010	238813 02HOYTDL 138 238991 02NCASTL 138 2	238813	02HOYTDL	238991	02NCASTL	2	138	202	ATSI	329	373	Base Case	0	35.9	-	10.92	0	0.14%	0.14%	0.04%	
2011	238813 02HOYTDL 138 238991 02NCASTL 138 1	238813	02HOYTDL	238991	02NCASTL	1	138	202	ATSI	329	413	Base Case	0	35.9	-	10.92	0	0.14%	0.14%	0.04%	
2012	238928 02LTV+ 138 238969 02MRGP + 138 1	238928	02LTV+	238969	02MRGP +	1	138	202	ATSI	200	242	Base Case	0	21.8	-	10.91	0	0.10%	0.10%	-0.11%	
2013	238829 02IVYQ14 138 240351 02IV-NB+18 138 1	238829	02IVYQ14	240351	02IV-NB+18	1	138	202	ATSI	260	309	Base Case	0	-28.3	-	10.9	0	-0.03%	-0.03%	0.02%	
2014	242988 05DOGWOO 138 242992 05E WHEE 138 1	242988	05DOGWOO	242992	05E WHEE	1	138	205	AEP	167	167	Base Case	0	-18.2	-	10.9	0	0.05%	0.05%	0.13%	
2015	238868 02KPQ-13 138 238877 02LAQ-13 138 1	238868	02KPQ-13	238877	02LAQ-13	1	138	202	ATSI	347	423	Base Case	0	-37.8	-	10.9	0	0.00%	0.00%	0.00%	
2016	243564 05RIVERV N. 138 243565 05RIVERV S. 138 Z1	243564	05RIVERV N.	243565	05RIVERV S.	Z1	138	205	AEP	248	310	Base Case	0	27	-	10.89	0	0.06%	0.06%	-0.01%	
2017	242653 05GRANDV 138 242668 05HINTON 138 1	242653	05GRANDV	242668	05HINTON	1	138	205	AEP	383	449	Base Case	0	41.7	-	10.89	0	-0.08%	-0.08%	-0.72%	
2018	238815 02IKQ-15 138 238880 02LTFQ15 138 1	238815	02IKQ-15	238880	02LTFQ15	1	138	202	ATSI	273	332	Base Case	0	29.6	-	10.86	0	0.01%	0.01%	-0.01%	
2019	243349 05NEW CARLI2 138 246996 05PLETCH 138 1	243349	05NEW CARLI2	246996	05PLETCH	1	138	205	AEP	187	205	Base Case	0	20.3	-	10.85	0	-0.07%	-0.07%	-0.02%	
2020	243020 05HILLVI 138 243056 05NEWCOM 138 1	243020	05HILLVI	243056	05NEWCOM	1	138	205	AEP	287	337	Base Case	0	-31.1	-	10.84	0	-0.42%	-0.43%	0.11%	
2021	238505 02DELTA 138 238738 02FULTON 138 1	238505	02DELTA	238738	02FULTON	1	138	202	ATSI	288	346	Base Case	0	-31.1	-	10.81	0	0.07%	0.07%	0.00%	
2022	242804 05SOURWO 138 247290 05HARMON 138 1	242804	05SOURWO	247290	05HARMON	1	138	205	AEP	223	223	Base Case	0	-24.1	-	10.79	0	0.07%	0.07%	-0.12%	
2023	238693 02ELM 138 238825 02IVANHO 138 1	238693	02ELM	238825	02IVANHO	1	138	202	ATSI	275	333	Base Case	0	-29.7	-	10.78	0	-0.02%	-0.02%	0.00%	
2024	243301 05GRANGE 138 243355 05ONTWA8 SS 138 1	243301	05GRANGE	243355	05ONTWA8 SS	1	138	205	AEP	293	341	Base Case	0	-31.6	-	10.78	0	-0.02%	-0.02%	-0.04%	
2025	245358 05PENGUINDP1 138 246177 05ANGUIN1-2 138 1A	245358	05PENGUINDP1	246177	05ANGUIN1-2	1A	138	205	AEP	492	492	Base Case	0	-53	-	10.78	0	0.00%	0.00%	0.00%	
2026	245358 05PENGUINDP1 138 246177 05ANGUIN1-2 138 1B	245358	05PENGUINDP1	246177	05ANGUIN1-2	1B	138	205	AEP	492	492	Base Case	0	-53	-	10.78	0	0.00%	0.00%	0.00%	
2027	242925 05KAMMER 765 270162 AB2-067 TAP 765 1	242925	05KAMMER	270162	AB2-067 TAP	1	765	205	AEP	4047	4142	Base Case	0	-436.1	-	10.78	0	-6.39%	-6.39%	-2.04%	
2028	242763 05RENSFD 138 243422 05POINTL 138 1	242763	05RENSFD	243422	05POINTL	1	138	205	AEP	180	227	Base Case	0	-19.4	-	10.77	0	-0.04%	-0.04%	-0.24%	
2029	235707 01WYLIE R 345 239368 02TORONTO 345 1	235707	01WYLIE R	239368	02TORONTO	1	345	201/202	AP/ATSI	2504	2868	Base Case	0	269.6	-	10.77	0	4.86%	4.86%	2.25%	
2030	247329 05STINGER 138 247330 05BRODY 138 1	247329	05STINGER	247330	05BRODY	1	138	205	AEP	323	449	Base Case	0	34.8	-	10.76	0	-0.01%	-0.01%	-0.01%	
2031	243016 05HANTHR 138 243125 05THAYER 138 1	243016	05HANTHR	243125	05THAYER	1	138	205	AEP	185	185	Base Case	0	-19.9	-	10.75	0	0.05%	0.05%	-0.05%	
2032	250057 08M.FORT 138 250058 08M.FTGT 138 1	250057	08M.FORT	250058	08M.FTGT	1	138	212	DEO&K	266	266	Base Case	0	28.6	-	10.74	0	0.01%	0.01%	0.01%	
2033	242510 05BAKER 765 242924 05HANG R 765 1	242510	05BAKER	242924	05HANG R	1	765	205	AEP	4047	4571	Base Case	0	-434.1	-	10.73	0	-2.86%	-2.86%	-5.94%	
2034	242576 05CAPITOLH 138 247844 05CAPITOLH2 138 Z1	242576	05CAPITOLH	247844	05CAPITOLH2	Z1	138	205	AEP	747	747	Base Case	0	80.1	-	10.72	0	0.01%	0.01%	-0.09%	
2035	246051 05DEER CRK2 138 246763 05PIPECK 138 1	246051	05DEER CRK2	246763	05PIPECK	1	138	205	AEP	257	360	Base Case	0	27.5	-	10.71	0	-0.03%	-0.03%	-0.05%	
2036	243364 05RICHMO 138 243373 05SELMAP 138 1	243364	05RICHMO	243373	05SELMAP	1	138	205	AEP	164	167	Base Case	0	-17.6	-	10.71	0	-0.02%	-0.02%	-0.03%	
2037	243482 05CENTBG 138 243488 05CONESVILLE 138 1	243482	05CENTBG	243488	05CONESVILLE	1	138	205	AEP	338	338	Base Case	0	-36.2	-	10.7	0	0.04%	0.04%	-0.01%	
2038	242563 05BOXWD 138 246229 05REUSENS2 138 1	242563	05BOXWD	246229	05REUSENS2	1	138	205	AEP	167	167	Base Case	0	-17.8	-	10.68	0	-0.13%	-0.13%	-0.24%	
2039	238908 02LONDON 138 240706 02NATIONAL 138 1	238908	02LONDON	240706	02NATIONAL	1	138	202	ATSI	233	282	Base Case	0	-24.9	-	10.68	0	0.05%	0.05%	-0.01%	
2040	243059 05NFINDL 138 243067 05NWOODC 138 1	243059	05NFINDL	243067	05NWOODC	1	138	205	AEP	167	245	Base Case	0	-17.8	-	10.67	0	-0.10%	-0.10%	0.06%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2041	238852 02KD Q-3 138 238858 02KHTPQ3 138 1	238852	02KD Q-3	238858	02KHTPQ3	1	138	202	ATSI	273	332	Base Case	0	29	-	10.64	0	0.00%	0.00%	0.00%	
2042	247832 05LAMPING 345 247833 05LAMPING 138 1	247832	05LAMPING	247833	05LAMPING	1	345/138	205	AEP	450	450	Base Case	0	47.9	-	10.63	0	-0.15%	-0.15%	-0.14%	
2043	250081 08OAKLEY 138 250158 088MIRDJ 138 1	250081	08OAKLEY	250158	088MIRDJ	1	138	212	DEO&K	332	332	Base Case	0	-35.3	-	10.63	0	0.04%	0.04%	0.04%	
2044	253071 09SIDNEY 138 253072 09SPRING 138 1	253071	09SIDNEY	253072	09SPRING	1	138	209	DAY	196	241	Base Case	0	-20.8	-	10.62	0	-0.05%	-0.05%	0.01%	
2045	238894 02LF Q-4 138 238973 02MX Q-4 138 1	238894	02LF Q-4	238973	02MX Q-4	1	138	202	ATSI	273	332	Base Case	0	29	-	10.61	0	-0.14%	-0.14%	0.05%	
2046	238754 02GFQ-12 138 238793 02HDGQ12 138 1	238754	02GFQ-12	238793	02HDGQ12	1	138	202	ATSI	425	522	Base Case	0	-45	-	10.6	0	-0.02%	-0.02%	0.00%	
2047	238754 02GFQ-12 138 238922 02LTEQ12 138 1	238754	02GFQ-12	238922	02LTEQ12	1	138	202	ATSI	425	522	Base Case	0	45	-	10.6	0	-0.02%	-0.02%	0.00%	
2048	242716 05MIDKIF 138 247243 05SHERID 138 1	242716	05MIDKIF	247243	05SHERID	1	138	205	AEP	296	378	Base Case	0	-31.4	-	10.6	0	-0.05%	-0.05%	-0.14%	
2049	242629 05E.MONU 138 242770 05RIGIS 138 1	242629	05E.MONU	242770	05RIGIS	1	138	205	AEP	219	251	Base Case	0	23.2	-	10.58	0	0.02%	0.02%	0.19%	
2050	242824 05TAMSM1 138 247557 05MABSCOTT 138 1	242824	05TAMSM1	247557	05MABSCOTT	1	138	205	AEP	158	183	Base Case	0	16.7	-	10.56	0	-0.03%	-0.03%	0.07%	
2051	242531 05EDANV2 230 242632 05EDAN 2 138 4	242531	05EDANV2	242632	05EDAN 2	4	230/138	205	AEP	696	814	Base Case	0	73.5	-	10.56	0	0.30%	0.30%	3.35%	
2052	243486 05CLINTX 138 243551 05OSU 138 1	243486	05CLINTX	243551	05OSU	1	138	205	AEP	129	171	Base Case	0	13.6	-	10.55	0	0.03%	0.03%	0.01%	
2053	247801 05BUELL 138 247802 05ARENDSR SS 138 1	247801	05BUELL	247802	05ARENDSR SS	1	138	205	AEP	296	413	Base Case	0	-31.2	-	10.55	0	0.19%	0.19%	0.14%	
2054	239146 02UTTP1 138 239149 02VULCAN 138 ZL	239146	02UTTP1	239149	02VULCAN	ZL	138	202	ATSI	290	325	Base Case	0	30.5	-	10.53	0	-0.06%	-0.06%	0.01%	
2055	243297 05GERMAN 138 243352 05NTRDAM 138 1	243297	05GERMAN	243352	05NTRDAM	1	138	205	AEP	257	360	Base Case	0	27	-	10.5	0	-0.09%	-0.09%	-0.06%	
2056	242945 05SW LIM 345 245977 05GRISTMILL 345 1	242945	05SW LIM	245977	05GRISTMILL	1	345	205	AEP	1409	1409	Base Case	0	147.9	-	10.49	0	0.45%	0.45%	-0.22%	
2057	250172 08AERO 138 250173 08WDSPNT 138 1	250172	08AERO	250173	08WDSPNT	1	138	212	DEO&K	301	301	Base Case	0	-31.6	-	10.49	0	-0.01%	-0.01%	-0.01%	
2058	243149 05W.LANCAST1 138 246021 05W.LANCAST2 138 Z1	243149	05W.LANCAST1	246021	05W.LANCAST2	Z1	138	205	AEP	383	449	Base Case	0	40.2	-	10.49	0	0.02%	0.02%	0.05%	
2059	241237 02GROV TP 138 241935 02CLINTON 138 1	241237	02GROV TP	241935	02CLINTON	1	138	202	ATSI	278	339	Base Case	0	-29.1	-	10.48	0	0.22%	0.22%	0.02%	
2060	243363 05REED 138 243366 05ROB PK12 138 1	243363	05REED	243366	05ROB PK12	1	138	205	AEP	219	251	Base Case	0	-23	-	10.48	0	-0.07%	-0.07%	-0.05%	
2061	243012 05G WASHGTON 138 247852 05DILESBTMZ2 138 1	243012	05G WASHGTON	247852	05DILESBTMZ2	1	138	205	AEP	590	590	Base Case	0	61.8	-	10.47	0	-0.10%	-0.10%	0.18%	
2062	250032 08FRFLD1 138 250040 08HALL2 138 1	250032	08FRFLD1	250040	08HALL2	1	138	212	DEO&K	198	198	Base Case	0	-20.7	-	10.45	0	0.02%	0.02%	-0.02%	
2063	242939 05MARYSV 345 253251 09DAYMRY 345 1	242939	05MARYSV	253251	09DAYMRY	1	345	205/209	AEP/DAY	1255	1374	Base Case	0	131	-	10.44	0	0.03%	0.03%	0.02%	
2064	243103 05SKENTO 138 243147 05WILDCRK SS 138 1	243103	05SKENTO	243147	05WILDCRK SS	1	138	205	AEP	158	180	Base Case	0	16.5	-	10.42	0	-0.10%	-0.10%	-0.04%	
2065	238638 02CPP NH 138 239005 02NHTQ11 138 ZL	238638	02CPP NH	239005	02NHTQ11	ZL	138	202	ATSI	273	332	Base Case	0	-28.4	-	10.42	0	0.08%	0.08%	-0.02%	
2066	245456 05NEWBERY 138 247001 05YELLOW CK2 138 1	245456	05NEWBERY	247001	05YELLOW CK2	1	138	205	AEP	296	413	Base Case	0	-30.8	-	10.4	0	0.06%	0.06%	0.10%	
2067	243012 05G WASHGTON 138 247839 05DILLES BTM 138 1	243012	05G WASHGTON	247839	05DILLES BTM	1	138	205	AEP	590	590	Base Case	0	61.2	-	10.37	0	-0.10%	-0.10%	0.18%	
2068	242928 05MARYSV 765 246999 05SORENS 765 1	242928	05MARYSV	246999	05SORENS	1	765	205	AEP	4047	4142	Base Case	0	-419.5	-	10.37	0	-5.34%	-5.34%	-3.50%	
2069	242847 05WHARTZ 138 244187 05STINK RUN 138 1	242847	05WHARTZ	244187	05STINK RUN	1	138	205	AEP	205	284	Base Case	0	-21.2	-	10.35	0	0.01%	0.01%	0.02%	
2070	238551 02AVON 345 239725 02LAKEAVE 345 1	238551	02AVON	239725	02LAKEAVE	1	345	202	ATSI	1560	1900	Base Case	0	-161.3	-	10.34	0	-1.22%	-1.22%	-0.05%	
2071	243692 05HAZRD1 138 243693 05HAZRD2 138 Z1	243692	05HAZRD1	243693	05HAZRD2	Z1	138	205	AEP	187	240	Base Case	0	-19.3	-	10.34	0	-0.10%	-0.10%	-0.05%	
2072	242521 05NAGEL 500 242729 05NAGEL 138 3	242521	05NAGEL	242729	05NAGEL	3	500/138	205	AEP	795	906	Base Case	0	81.9	-	10.3	0	-0.01%	-0.01%	0.14%	
2073	238699 02ENQ-12 138 238739 02FWLSQ1 138 1	238699	02ENQ-12	238739	02FWLSQ1	1	138	202	ATSI	265	332	Base Case	0	-27.3	-	10.3	0	-0.09%	-0.09%	0.00%	
2074	243502 05E.BROAD 138 243592 05YEARLG 138 1	243502	05E.BROAD	243592	05YEARLG	1	138	205	AEP	240	277	Base Case	0	24.7	-	10.29	0	0.05%	0.05%	0.00%	
2075	246606 05WETZEL SS 138 247095 05WILLIAM TH 138 1	246606	05WETZEL SS	247095	05WILLIAM TH	1	138	205	AEP	185	257	Base Case	0	19	-	10.27	0	0.00%	0.00%	0.00%	
2076	242972 05BLOOMFD SS 138 243135 05W DOVE 138 1	242972	05BLOOMFD SS	243135	05W DOVE	1	138	205	AEP	296	361	Base Case	0	30.3	-	10.25	0	-0.47%	-0.47%	0.10%	
2077	238685 02EASTLK 138 241923 02ELQ3 138 1	238685	02EASTLK	241923	02ELQ3	1	138	202	ATSI	999	999	Base Case	0	102.2	-	10.23	0	0.03%	0.03%	-0.01%	
2078	242528 05SPORN 345 242529 05TRISTA 345 1	242528	05SPORN	242529	05TRISTA	1	345	205	AEP	1132	1132	Base Case	0	-115.8	-	10.23	0	-0.18%	-0.18%	0.56%	
2079	247839 05DILLES BTM 138 247840 05DILESBTMZ1 138 1	247839	05DILLES BTM	247840	05DILESBTMZ1	1	138	205	AEP	590	590	Base Case	0	60.4	-	10.23	0	-0.10%	-0.10%	0.18%	
2080	242563 05BOXWD 138 247632 05AMHERST 138 1	242563	05BOXWD	247632	05AMHERST	1	138	205	AEP	219	251	Base Case	0	-22.4	-	10.23	0	-0.16%	-0.16%	-0.41%	
2081	242670 05HOLST2 138 242830 05TENNE2 138 2	242670	05HOLST2	242830	05TENNE2	2	138	205	AEP	68	68	Base Case	0	7	-	10.23	0	0.00%	0.00%	0.02%	
2082	242750 05PHILPOTT Z 138 242844 05W.BASS 138 1	242750	05PHILPOTT Z	242844	05W.BASS	1	138	205	AEP	202	202	Base Case	0	-20.7	-	10.22	0	0.05%	0.05%	0.53%	
2083	243060 05NINTIE 138 243156 05W.NEW PHIL 138 1	243060	05NINTIE	243156	05W.NEW PHIL	1	138	205	AEP	285	291	Base Case	0	29.1	-	10.21	0	0.42%	0.42%	-0.10%	
2084	238667 02DUALR+ 138 239073 02ROBERT 138 1	238667	02DUALR+	239073	02ROBERT	1	138	202	ATSI	190	225	Base Case	0	19.4	-	10.21	0	0.07%	0.07%	-0.08%	
2085	243294 05FLWRFD8 SS 138 243345 05MOORPK 138 1	243294	05FLWRFD8 SS	243345	05MOORPK	1	138	205	AEP	251	251	Base Case	0	25.6	-	10.2	0	-0.01%	-0.01%	-0.01%	
2086	238551 02AVON 345 239725 02LAKEAVE 345 2	238551	02AVON	239725	02LAKEAVE	2	345	202	ATSI	1560	1900	Base Case	0	-159	-	10.19	0	-1.20%	-1.20%	-0.05%	
2087	244287 05WOLF GLADE 138 245117 05W.CARROLL 138 1	244287	05WOLF GLADE	245117	05W.CARROLL	1	138	205	AEP	251	251	Base Case	0	-25.6	-	10.18	0	0.03%	0.03%	0.07%	
2088	242766 05RICHLA 138 247149 05WHITWD 138 1	242766	05RICHLA	247149	05WHITWD	1	138	205	AEP	296	398	Base Case	0	30.1	-	10.17	0	0.06%	0.06%	0.17%	
2089	242519 05CLOVRD 500 242524 05CLOVRD 345 16	242519	05CLOVRD	242524	05CLOVRD	16	500/345	205	AEP	1733	1758	Base Case	0	176	-	10.15	0	1.05%	1.05%	0.74%	
2090	242519 05CLOVRD 500 242524 05CLOVRD 345 15	242519	05CLOVRD	242524	05CLOVRD	15	500/345	205	AEP	1733	1759	Base Case	0	176	-	10.15	0	1.05%	1.05%	0.74%	
2091	243030 05LIMAOR 138 243099 05SHAWNR 138 1	243030	05LIMAOR	243099	05SHAWNR	1	138	205	AEP	335	388	Base Case	0	-34	-	10.15	0	0.09%	0.09%	0.12%	
2092	242547 05BAILS2 138 242833 05TRAILF 138 1	242547	05BAILS2	242833	05TRAILF	1	138	205	AEP	334	334	Base Case	0	33.7	-	10.1	0	0.00%	0.00%	-0.30%	
2093	238605 02CARDNT 138 238746 02GALION 138 1	238605	02CARDNT	238746	02GALION	1	138	202	ATSI	145	145	Base Case	0	-14.6	-	10.1	0	0.01%	0.01%	-0.02%	
2094	239109 02SHRPQS 138 239199 02WN-STL 138 1	239109	02SHRPQS	239199	02WN-STL	1	138	202	ATSI	160	192	Base Case	0	-16.1	-	10.07	0	-0.07%	-0.07%	0.01%	
2095	243490 05CORNER 138 243533 05LAYMAN 138 1	243490	05CORNER	243533	05LAYMAN	1	138	205	AEP	205	284	Base Case	0	-20.6	-	10.06	0	-0.43%	-0.43%	-0.23%	
2096	239103 02SHARON 138 239109 02SHRPQS 138 1	239103	02SHARON	239109	02SHRPQS	1	138	202	ATSI	160	192	Base Case	0	-16.1	-	10.05	0	-0.07%	-0.07%	0.01%	
2097	242592 05CHEM 1 138 242836 05TURNE1 138 1	242592	05CHEM 1	242836	05TURNE1	1	138	205	AEP	296	296	Base Case	0	-29.7	-	10.04	0	-0.03%	-0.03%	-0.02%	
2098	242651 05GLENL2 138 242749 05PETERM 138 1	242651	05GLENL2	242749	05PETERM	1	138	205	AEP	205	205	Base Case	0	20.6	-	10.04	0	-0.11%	-0.11%	-0.25%	
2099	242943 05SCANTO 345 242944 05SECANT 345 1	242943	05SCANTO	242944	05SECANT	1	345	205	AEP	1409	1409	Base Case	0	141.2	-	10.02	0	-0.33%	-0.33%	0.49%	
2100	242782 05RUTH 138 242836 05TURNE1 138 1	242782	05RUTH	242836	05TURNE1	1	138	205	AEP	729	729	Base Case	0	-73	-	10.01	0	-0.09%	-0.09%	-0.17%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2101	243378 05SPY RUN2 138 246993 05PURDUE 138 1	243378	05SPY RUN2	246993	05PURDUE	1	138	205	AEP	296	392	Base Case	0	-29.6	-	10.01	0	0.00%	0.00%	-0.03%	
2102	243851 05CENTRM 138 243852 05CENT27 138 1	243851	05CENTRM	243852	05CENT27	1	138	205	AEP	205	205	Base Case	0	-20.5	-	9.99	0	0.00%	0.00%	0.00%	
2103	250100 08SMRSD1 138 250142 08WARDSC 138 1	250100	08SMRSD1	250142	08WARDSC	1	138	212	DEO&K	249	249	Base Case	0	24.8	-	9.96	0	0.02%	0.02%	0.03%	
2104	243525 05HUNTLEY1 138 243535 05LINWRT 138 1	243525	05HUNTLEY1	243535	05LINWRT	1	138	205	AEP	216	216	Base Case	0	21.5	-	9.94	0	0.02%	0.02%	0.01%	
2105	250072 08MTCHL1 138 250073 08MTCHL3 138 Z1	250072	08MTCHL1	250073	08MTCHL3	Z1	138	212	DEO&K	394	394	Base Case	0	39.1	-	9.92	0	-0.03%	-0.03%	-0.02%	
2106	238757 02GLCRST 138 238873 02LAKMOR 138 1	238757	02GLCRST	238873	02LAKMOR	1	138	202	ATSI	157	196	Base Case	0	-15.5	-	9.89	0	-0.04%	-0.04%	0.05%	
2107	243684 05DEWEY 138 244008 05STANVILLE1 138 1	243684	05DEWEY	244008	05STANVILLE1	1	138	205	AEP	223	223	Base Case	0	22.1	-	9.89	0	-0.01%	-0.01%	-0.17%	
2108	239055 02Q15TAP 138 239349 02MILCHM 138 1	239055	02Q15TAP	239349	02MILCHM	1	138	202	ATSI	273	332	Base Case	0	27	-	9.88	0	0.00%	0.00%	0.00%	
2109	238703 02ESPRNG 138 240709 02N TITUS 138 1	238703	02ESPRNG	240709	02N TITUS	1	138	202	ATSI	200	242	Base Case	0	-19.8	-	9.88	0	0.07%	0.07%	0.03%	
2110	242525 05KANAWH 345 242526 05KANAWZ 345 ZB	242525	05KANAWH	242526	05KANAWZ	ZB	345	205	AEP	1494	1595	Base Case	0	147.4	-	9.87	0	-0.69%	-0.69%	-2.34%	
2111	242681 05IVY HL 138 243857 05COFFEE 138 1	242681	05IVY HL	243857	05COFFEE	1	138	205	AEP	167	245	Base Case	0	16.5	-	9.86	0	-0.01%	-0.01%	-0.23%	
2112	243263 05COLUMBIA 138 255163 17NORTHEAST 138 1	243263	05COLUMBIA	255163	17NORTHEAST	1	138	205/217	AEP/NIPS	143	143	Base Case	0	-14.1	-	9.86	0	-0.09%	-0.09%	-0.07%	
2113	242670 05HOLST2 138 244508 05RIGGS 138 1	242670	05HOLST2	244508	05RIGGS	1	138	205	AEP	117	117	Base Case	0	-11.5	-	9.86	0	0.03%	0.03%	0.27%	
2114	243107 05SPENCR 138 244230 05SUNDAY SS 138 1	243107	05SPENCR	244230	05SUNDAY SS	1	138	205	AEP	259	325	Base Case	0	-25.5	-	9.85	0	-0.14%	-0.14%	0.15%	
2115	243493 05CRVERD 138 245962 05DLAWAR3 138 1	243493	05CRVERD	245962	05DLAWAR3	1	138	205	AEP	293	341	Base Case	0	-28.9	-	9.85	0	-0.04%	-0.04%	0.01%	
2116	242519 05CLOVRD 500 242512 05CLOVRD 765 14	242519	05CLOVRD	242512	05CLOVRD	14	500/765	205	AEP	2590	2877	Base Case	0	-254.9	-	9.84	0	-3.49%	-3.49%	-2.88%	
2117	242974 05BUCKLR 138 244341 05SOFTAIL SS 138 1	242974	05BUCKLR	244341	05SOFTAIL SS	1	138	205	AEP	251	251	Base Case	0	-24.7	-	9.84	0	-0.01%	-0.01%	0.00%	
2118	239027 02OILEVS 138 239191 02JMDUTC 138 1	239027	02OILEVS	239191	02JMDUTC	1	138	202	ATSI	308	376	Base Case	0	30.3	-	9.83	0	0.05%	0.05%	0.01%	
2119	242965 05BRIDGEVILZ 138 242972 05BLOOMFD SS 138 1	242965	05BRIDGEVILZ	242972	05BLOOMFD SS	1	138	205	AEP	335	392	Base Case	0	32.9	-	9.81	0	-0.47%	-0.47%	0.10%	
2120	238589 02BRUSH 138 239161 02WAKRON 138 1	238589	02BRUSH	239161	02WAKRON	1	138	202	ATSI	143	146	Base Case	0	-14	-	9.77	0	-0.02%	-0.02%	0.08%	
2121	242582 05CARWLZ 138 242833 05TRAILF 138 1	242582	05CARWLZ	242833	05TRAILF	1	138	205	AEP	334	334	Base Case	0	-32.6	-	9.77	0	0.00%	0.00%	-0.30%	
2122	243262 05COLLEGE C 138 243310 05HODGIN 138 1	243262	05COLLEGE C	243310	05HODGIN	1	138	205	AEP	219	247	Base Case	0	21.4	-	9.75	0	0.04%	0.04%	0.05%	
2123	242784 05S.BLUE 138 247850 05TOWN CREEK 138 1	242784	05S.BLUE	247850	05TOWN CREEK	1	138	205	AEP	296	413	Base Case	0	-28.9	-	9.75	0	0.04%	0.04%	0.19%	
2124	246946 05WLDCAT 138 247034 05EMERSS 138 1	246946	05WLDCAT	247034	05EMERSS	1	138	205	AEP	185	185	Base Case	0	-18	-	9.74	0	-0.06%	-0.06%	0.01%	
2125	242533 05ABINGD 138 246779 05S.ABINGDN2 138 1	242533	05ABINGD	246779	05S.ABINGDN2	1	138	205	AEP	167	240	Base Case	0	16.3	-	9.73	0	0.00%	0.00%	-0.14%	
2126	242603 05CLIFFR 138 242613 05COLLEEN SS 138 1	242603	05CLIFFR	242613	05COLLEEN SS	1	138	205	AEP	167	167	Base Case	0	16.2	-	9.72	0	-0.30%	-0.30%	-0.65%	
2127	242615 05COPPER 138 242667 05HILL 138 1	242615	05COPPER	242667	05HILL	1	138	205	AEP	219	223	Base Case	0	21.3	-	9.71	0	-0.02%	-0.02%	-0.20%	
2128	246988 05STRWTN 138 247116 05ALADDIN 138 1	246988	05STRWTN	247116	05ALADDIN	1	138	205	AEP	257	360	Base Case	0	25	-	9.71	0	-0.02%	-0.02%	-0.01%	
2129	238693 02ELM 138 238748 02GARDEN 138 1	238693	02ELM	238748	02GARDEN	1	138	202	ATSI	157	196	Base Case	0	15.2	-	9.69	0	-0.04%	-0.04%	0.00%	
2130	238685 02EASTLK 138 241925 02ELQ5 138 1	238685	02EASTLK	241925	02ELQ5	1	138	202	ATSI	999	999	Base Case	0	96.7	-	9.68	0	0.14%	0.14%	-0.05%	
2131	242530 05EDANV1 230 242631 05EDAN 1 138 5	242530	05EDANV1	242631	05EDAN 1	5	230/138	205	AEP	820	926	Base Case	0	79.2	-	9.65	0	0.30%	0.30%	3.39%	
2132	247371 05MUSKNG1B 138 247372 05MUSKNG1C 138 Z1	247371	05MUSKNG1B	247372	05MUSKNG1C	Z1	138	205	AEP	766	898	Base Case	0	73.9	-	9.65	0	-0.06%	-0.06%	0.06%	
2133	242554 05BIM 138 242847 05WHARTZ 138 1	242554	05BIM	242847	05WHARTZ	1	138	205	AEP	205	255	Base Case	0	-19.8	-	9.65	0	0.01%	0.01%	0.02%	
2134	238705 02ET Q-2 138 240250 02CHIAQ-2 138 1	238705	02ET Q-2	240250	02CHIAQ-2	1	138	202	ATSI	273	332	Base Case	0	-26.2	-	9.6	0	0.00%	0.00%	0.00%	
2135	250079 08NWTWN1 138 250092 08REDBK1 138 1	250079	08NWTWN1	250092	08REDBK1	1	138	212	DEO&K	332	332	Base Case	0	31.8	-	9.59	0	0.06%	0.06%	0.06%	
2136	242543 05AUSTIN 138 242859 05WYTHE2 138 1	242543	05AUSTIN	242859	05WYTHE2	1	138	205	AEP	251	251	Base Case	0	-24.1	-	9.58	0	-0.02%	-0.02%	-0.06%	
2137	243256 05CABOT SS 138 243336 05MANORZ 138 1	243256	05CABOT SS	243336	05MANORZ	1	138	205	AEP	205	284	Base Case	0	19.6	-	9.58	0	-0.04%	-0.04%	-0.02%	
2138	243473 05BIXBY 138 243552 05PICKR8 138 1	243473	05BIXBY	243552	05PICKR8	1	138	205	AEP	296	413	Base Case	0	28.4	-	9.58	0	-0.09%	-0.09%	-0.02%	
2139	243237 05ADAM 138 243358 05PENNVI 138 1	243237	05ADAM	243358	05PENNVI	1	138	205	AEP	257	359	Base Case	0	-24.6	-	9.58	0	0.01%	0.01%	0.06%	
2140	239016 02NT Q15 138 241924 02ELQ4 138 1	239016	02NT Q15	241924	02ELQ4	1	138	202	ATSI	225	295	Base Case	0	-21.5	-	9.58	0	0.02%	0.02%	-0.01%	
2141	238790 02HCQ-13 138 239051 02PV Q3 138 1	238790	02HCQ-13	239051	02PV Q3	1	138	202	ATSI	225	295	Base Case	0	-21.5	-	9.57	0	-0.05%	-0.05%	-0.01%	
2142	246202 05WARTON CC 138 246928 05WARTON H1 138 Z1	246202	05WARTON CC	246928	05WARTON H1	Z1	138	205	AEP	293	341	Base Case	0	-28	-	9.56	0	0.00%	0.00%	0.00%	
2143	238516 02JOHNMANDEF 138 238785 02JOHNMAN-2 138 1	238516	02JOHNMANDEF	238785	02JOHNMAN-2	1	138	202	ATSI	216	264	Base Case	0	-20.6	-	9.54	0	0.00%	0.00%	0.00%	
2144	238531 02ALLNJ 138 239345 02SIL_AE+ 138 1	238531	02ALLNJ	239345	02SIL_AE+	1	138	202	ATSI	278	339	Base Case	0	26.5	-	9.53	0	0.05%	0.05%	0.00%	
2145	238517 02LYONS 138 239345 02SIL_AE+ 138 1	238517	02LYONS	239345	02SIL_AE+	1	138	202	ATSI	278	287	Base Case	0	-26.5	-	9.53	0	0.05%	0.05%	0.00%	
2146	247800 05MACKSBURG 138 247801 05BUELL 138 1	247800	05MACKSBURG	247801	05BUELL	1	138	205	AEP	296	413	Base Case	0	-28.2	-	9.52	0	0.19%	0.19%	0.14%	
2147	238867 02KPQ-12 138 238876 02LAQ-12 138 1	238867	02KPQ-12	238876	02LAQ-12	1	138	202	ATSI	355	434	Base Case	0	-33.8	-	9.52	0	0.00%	0.00%	0.00%	
2148	238768 02GRNFLD 138 238981 02NASA 138 1	238768	02GRNFLD	238981	02NASA	1	138	202	ATSI	160	192	Base Case	0	15.2	-	9.51	0	-0.22%	-0.22%	-0.04%	
2149	243671 05BEAVER CR1 138 243683 05CONSTP 138 1	243671	05BEAVER CR1	243683	05CONSTP	1	138	205	AEP	251	309	Base Case	0	23.8	-	9.5	0	0.04%	0.04%	0.04%	
2150	243023 05HOCKNG 138 243149 05W.LANCAST1 138 1	243023	05HOCKNG	243149	05W.LANCAST1	1	138	205	AEP	196	247	Base Case	0	18.6	-	9.49	0	-0.01%	-0.01%	0.07%	
2151	243683 05CONSTP 138 243875 05SOFTSH 138 1	243683	05CONSTP	243875	05SOFTSH	1	138	205	AEP	251	309	Base Case	0	23.8	-	9.48	0	0.04%	0.04%	0.04%	
2152	243020 05HILLVI 138 243156 05W.NEW PHIL 138 1	243020	05HILLVI	243156	05W.NEW PHIL	1	138	205	AEP	277	277	Base Case	0	26.2	-	9.45	0	-0.42%	-0.43%	0.11%	
2153	250068 08MPLKL1 138 250131 08WILEY2 138 1	250068	08MPLKL1	250131	08WILEY2	1	138	212	DEO&K	308	308	Base Case	0	-29	-	9.41	0	-0.01%	-0.01%	0.00%	
2154	238506 02DIXIE 138 238832 02JACKMA 138 1	238506	02DIXIE	238832	02JACKMA	1	138	202	ATSI	235	288	Base Case	0	22.1	-	9.38	0	0.08%	0.08%	-0.01%	
2155	242513 05CULLOD 765 242923 05GAVIN 765 1	242513	05CULLOD	242923	05GAVIN	1	765	205	AEP	4047	4571	Base Case	0	-379.2	-	9.37	0	0.76%	0.76%	-5.70%	
2156	250094 08RMNTN1 138 250095 08RMNTN2 138 Z1	250094	08RMNTN1	250095	08RMNTN2	Z1	138	212	DEO&K	298	298	Base Case	0	-27.8	-	9.33	0	0.01%	0.01%	0.03%	
2157	239215 02BRIGHT 138 239319 02CAMDEN 138 1	239215	02BRIGHT	239319	02CAMDEN	1	138	202	ATSI	294	357	Base Case	0	-27.4	-	9.32	0	0.08%	0.08%	-0.11%	
2158	242537 05AMOS 138 247013 05CROOKC 138 1	242537	05AMOS	247013	05CROOKC	1	138	205	AEP	296	296	Base Case	0	27.6	-	9.32	0	0.06%	0.06%	0.02%	
2159	242562 05BORLND 138 243690 05HATFLD 138 1	242562	05BORLND	243690	05HATFLD	1	138	205	AEP	296	370	Base Case	0	-27.6	-	9.32	0	-0.04%	-0.04%	-0.08%	
2160	238531 02ALLNJ 138 239344 02ALLEN-2 138 ZB	238531	02ALLNJ	239344	02ALLEN-2	ZB	138	202	ATSI	563	563	Base Case	0	-52.4	-	9.31	0	-0.01%	-0.01%	0.00%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2161	243123 05SWITZE 138 247757 05HERLAN SW 138 1	243123	05SWITZE	247757	05HERLAN SW	1	138	205	AEP	205	284	Base Case	0	19.1	-	9.31	0	0.14%	0.14%	-0.03%	
2162	238893 02LF Q-2 138 238972 02MX Q-2 138 1	238893	02LF Q-2	238972	02MX Q-2	1	138	202	ATSI	273	332	Base Case	0	25.4	-	9.3	0	-0.15%	-0.15%	0.04%	
2163	238972 02MX Q-2 138 239020 02NW Q-2 138 1	238972	02MX Q-2	239020	02NW Q-2	1	138	202	ATSI	273	332	Base Case	0	25.4	-	9.29	0	-0.15%	-0.15%	0.04%	
2164	242555 05BLAINE 138 242643 05FRANK5 138 1	242555	05BLAINE	242643	05FRANK5	1	138	205	AEP	219	223	Base Case	0	20.3	-	9.29	0	0.04%	0.04%	-0.19%	
2165	239354 02HARMON 138 247700 05YAGER 138 1	239354	02HARMON	247700	05YAGER	1	138	202/205	ATSI/AEP	200	241	Base Case	0	-18.6	-	9.28	0	-0.05%	-0.05%	0.04%	
2166	243457 05HAYDEN 345 244022 05COLE 345 1	243457	05HAYDEN	244022	05COLE	1	345	205	AEP	1409	1409	Base Case	0	-130.5	-	9.26	0	-0.48%	-0.48%	-0.02%	
2167	250091 08RCHLE3 138 250146 08WHITTR 138 1	250091	08RCHLE3	250146	08WHITTR	1	138	212	DEO&K	289	289	Base Case	0	-26.7	-	9.25	0	0.00%	0.00%	-0.03%	
2168	238837 02JGSQ14 138 240247 02CK TP15 138 1	238837	02JGSQ14	240247	02CK TP15	1	138	202	ATSI	223	286	Base Case	0	20.5	-	9.21	0	-0.01%	-0.01%	0.01%	
2169	243491 05CORRID 138 243513 05GENOA 138 1	243491	05CORRID	243513	05GENOA	1	138	205	AEP	338	407	Base Case	0	31.1	-	9.21	0	0.03%	0.03%	0.00%	
2170	242805 05HATCHR 138 246898 05HALLSR 138 1	242805	05HATCHR	246898	05HALLSR	1	138	205	AEP	334	334	Base Case	0	-30.7	-	9.2	0	-0.20%	-0.20%	-0.37%	
2171	242574 05CABIN CRK1 138 246409 05CABIN C T8 138 ZK	242574	05CABIN CRK1	246409	05CABIN C T8	ZK	138	205	AEP	369	369	Base Case	0	33.9	-	9.19	0	0.01%	0.01%	0.00%	
2172	243141 05WARNER 138 246126 05SUNNYSIDE2 138 1	243141	05WARNER	246126	05SUNNYSIDE2	1	138	205	AEP	224	287	Base Case	0	-20.6	-	9.18	0	0.27%	0.27%	-0.04%	
2173	241111 02ASHLAND 138 243024 05HOWARD 138 1	241111	02ASHLAND	243024	05HOWARD	1	138	202/205	ATSI/AEP	167	245	Base Case	0	-15.3	-	9.18	0	-0.29%	-0.29%	-0.02%	
2174	243453 05BEATTY 345 253248 09SCHARL 345 1	243453	05BEATTY	253248	09SCHARL	1	345	205/209	AEP/DAY	1096	1203	Base Case	0	-100.4	-	9.16	0	-1.23%	-1.23%	-0.36%	
2175	243485 05CLINTO 138 243486 05CLINTX 138 SR	243485	05CLINTO	243486	05CLINTX	SR	138	205	AEP	149	162	Base Case	0	13.6	-	9.14	0	0.03%	0.03%	0.01%	
2176	245799 05WILLIAM PT 138 247128 05ASTNSS 138 Z1	245799	05WILLIAM PT	247128	05ASTNSS	Z1	138	205	AEP	219	255	Base Case	0	-20	-	9.13	0	0.00%	0.00%	0.00%	
2177	245799 05WILLIAM PT 138 247128 05ASTNSS 138 Z2	245799	05WILLIAM PT	247128	05ASTNSS	Z2	138	205	AEP	219	255	Base Case	0	-20	-	9.13	0	0.00%	0.00%	0.00%	
2178	245799 05WILLIAM PT 138 247128 05ASTNSS 138 Z3	245799	05WILLIAM PT	247128	05ASTNSS	Z3	138	205	AEP	219	255	Base Case	0	-20	-	9.13	0	0.00%	0.00%	0.00%	
2179	242597 05CHNC 138 242598 05CHNC Z 138 1	242597	05CHNC	242598	05CHNC Z	1	138	205	AEP	136	167	Base Case	0	-12.4	-	9.13	0	-0.01%	-0.01%	-0.02%	
2180	238836 02JGSQ13 138 240245 02CK Q13 138 1	238836	02JGSQ13	240245	02CK Q13	1	138	202	ATSI	103	132	Base Case	0	9.4	-	9.11	0	0.00%	0.00%	0.00%	
2181	240258 02FUQ-13 138 240261 02GMCQ13 138 1	240258	02FUQ-13	240261	02GMCQ13	1	138	202	ATSI	355	434	Base Case	0	32.3	-	9.1	0	0.10%	0.10%	0.01%	
2182	243237 05ADAM 138 243334 05MAGLEY 138 1	243237	05ADAM	243334	05MAGLEY	1	138	205	AEP	257	359	Base Case	0	-23.4	-	9.09	0	0.00%	0.00%	-0.06%	
2183	242989 05E LIMA 138 243017 05HAVILAND1 138 1	242989	05E LIMA	243017	05HAVILAND1	1	138	205	AEP	205	284	Base Case	0	-18.6	-	9.05	0	-0.17%	-0.17%	-0.06%	
2184	243476 05BOLINSMLSS 138 247791 05ELK 138 1	243476	05BOLINSMLSS	247791	05ELK	1	138	205	AEP	323	355	Base Case	0	-29.2	-	9.03	0	-0.06%	-0.06%	0.07%	
2185	243238 05AIRCO 138 247489 05BOSSERMAN 138 1	243238	05AIRCO	247489	05BOSSERMAN	1	138	205	AEP	251	335	Base Case	0	-22.7	-	9.03	0	0.00%	0.00%	0.00%	
2186	243247 05AUBURN 138 243267 05COUNTY 138 1	243247	05AUBURN	243267	05COUNTY	1	138	205	AEP	323	392	Base Case	0	-29.1	-	9.02	0	0.02%	0.02%	0.02%	
2187	242662 05HALES2 138 242804 05SOURWO 138 1	242662	05HALES2	242804	05SOURWO	1	138	205	AEP	223	223	Base Case	0	-20.1	-	9	0	0.07%	0.07%	-0.12%	
2188	247799 05S.OLIVE SS 138 247800 05MACKSBURG 138 1	247799	05S.OLIVE SS	247800	05MACKSBURG	1	138	205	AEP	296	400	Base Case	0	-26.6	-	8.99	0	0.19%	0.19%	0.14%	
2189	238828 02IVYQ11 138 240350 02IV-NB+17 138 1	238828	02IVYQ11	240350	02IV-NB+17	1	138	202	ATSI	273	332	Base Case	0	-24.5	-	8.98	0	-0.06%	-0.06%	0.02%	
2190	239011 02NP Q-1 138 241921 02ELQ1 138 1	239011	02NP Q-1	241921	02ELQ1	1	138	202	ATSI	265	316	Base Case	0	-23.8	-	8.97	0	0.02%	0.02%	-0.01%	
2191	243065 05NSTRAS 138 243092 05SCANTO 138 1	243065	05NSTRAS	243092	05SCANTO	1	138	205	AEP	296	296	Base Case	0	-26.5	-	8.96	0	0.48%	0.48%	-0.10%	
2192	235104 01CABOT 500 239280 02CRNBRY 500 1	235104	01CABOT	239280	02CRNBRY	1	500	201/202	AP/ATSI	3300	3897	Base Case	0	294.9	-	8.94	0	10.53%	10.53%	-1.43%	
2193	243668 05WOOTON 161 324148 5HYDEN 161 1	243668	05WOOTON	324148	5HYDEN	1	161	205/363	AEP/LGEE	300	405	Base Case	0	-26.8	-	8.94	0	-0.10%	-0.10%	-0.09%	
2194	243246 05AUBUNC 138 243295 05GARRETT N 138 1	243246	05AUBUNC	243295	05GARRETT N	1	138	205	AEP	251	335	Base Case	0	22.4	-	8.93	0	0.05%	0.05%	0.03%	
2195	243065 05NSTRAS 138 243114 05STRASB 138 1	243065	05NSTRAS	243114	05STRASB	1	138	205	AEP	287	299	Base Case	0	25.6	-	8.91	0	0.48%	0.48%	-0.10%	
2196	250013 08DIMICK 138 250111 08TP5483 138 1	250013	08DIMICK	250111	08TP5483	1	138	212	DEO&K	198	198	Base Case	0	17.6	-	8.88	0	-0.05%	-0.05%	-0.03%	
2197	238860 02KIQ-14 138 238933 02LYDQ14 138 1	238860	02KIQ-14	238933	02LYDQ14	1	138	202	ATSI	273	332	Base Case	0	-24.2	-	8.88	0	0.13%	0.13%	-0.05%	
2198	242657 05GRAVES 138 247887 05MCCONVILLE 138 1	242657	05GRAVES	247887	05MCCONVILLE	1	138	205	AEP	167	245	Base Case	0	-14.8	-	8.86	0	-0.02%	-0.02%	0.10%	
2199	243366 05ROB PK12 138 245476 05ROB PK34 138 ZJ	243366	05ROB PK12	245476	05ROB PK34	ZJ	138	205	AEP	946	996	Base Case	0	-83.7	-	8.85	0	-0.04%	-0.04%	-0.07%	
2200	243366 05ROB PK12 138 245476 05ROB PK34 138 ZN	243366	05ROB PK12	245476	05ROB PK34	ZN	138	205	AEP	946	996	Base Case	0	-83.7	-	8.85	0	-0.04%	-0.04%	-0.07%	
2201	241936 AA1-123_POI 345 241942 AA1-123_MAIN 345 1	241936	AA1-123_POI	241942	AA1-123_MAIN	1	345	202	ATSI	9999	9999	Base Case	0	-880.8	-	8.81	0	-0.55%	-0.55%	-0.55%	
2202	242562 05BORLND 138 242599 05CINDER 138 1	242562	05BORLND	242599	05CINDER	1	138	205	AEP	261	330	Base Case	0	23	-	8.81	0	-0.04%	-0.04%	-0.08%	
2203	238813 02HOYTDL 138 239281 02CRNBRY 138 1	238813	02HOYTDL	239281	02CRNBRY	1	138	202	ATSI	278	339	Base Case	0	-24.5	-	8.8	0	0.79%	0.79%	0.07%	
2204	242813 05SRIDGE 138 242836 05TURNE1 138 1	242813	05SRIDGE	242836	05TURNE1	1	138	205	AEP	729	729	Base Case	0	-63.9	-	8.77	0	-0.07%	-0.07%	-0.09%	
2205	243106 05SOMERTON 138 243119 05SOMERTON Z 138 1	243106	05SOMERTON	243119	05SOMERTON Z	1	138	205	AEP	205	284	Base Case	0	-18	-	8.76	0	-0.06%	-0.06%	0.02%	
2206	243120 05SUNNYSIDE1 138 246126 05SUNNYSIDE2 138 Z1	243120	05SUNNYSIDE1	246126	05SUNNYSIDE2	Z1	138	205	AEP	335	392	Base Case	0	29.2	-	8.72	0	0.22%	0.22%	-0.07%	
2207	250062 08METRSR 138 250088 08QUNGT2 138 1	250062	08METRSR	250088	08QUNGT2	1	138	212	DEO&K	268	268	Base Case	0	23.4	-	8.72	0	-0.01%	-0.01%	-0.02%	
2208	243217 05DEQUIN 345 246754 05FOWLER 345 1	243217	05DEQUIN	246754	05FOWLER	1	345	205	AEP	973	1100	Base Case	0	-84.4	-	8.67	0	-0.05%	-0.05%	-0.05%	
2209	243030 05LIMAOR 138 243108 05STRLN1 138 1	243030	05LIMAOR	243108	05STRLN1	1	138	205	AEP	329	361	Base Case	0	28.5	-	8.65	0	0.09%	0.09%	0.12%	
2210	242782 05RUTH 138 247022 05HERNSH 138 1	242782	05RUTH	247022	05HERNSH	1	138	205	AEP	729	729	Base Case	0	63	-	8.64	0	-0.09%	-0.09%	-0.17%	
2211	246763 05PIPECK 138 246988 05STRWTN 138 1	246763	05PIPECK	246988	05STRWTN	1	138	205	AEP	257	360	Base Case	0	22.2	-	8.64	0	-0.03%	-0.03%	-0.05%	
2212	247022 05HERNSH 138 247792 05FIELDS CRK 138 1	247022	05HERNSH	247792	05FIELDS CRK	1	138	205	AEP	729	729	Base Case	0	62.9	-	8.62	0	-0.09%	-0.09%	-0.17%	
2213	245407 05TANNER CK2 138 245946 05MADISON2 138 1	245407	05TANNER CK2	245946	05MADISON2	1	138	205	AEP	187	223	Base Case	0	16.1	-	8.62	0	0.03%	0.03%	0.02%	
2214	243320 05KANKAKEE2 138 244119 05GRAVEL PIT 138 1	243320	05KANKAKEE2	244119	05GRAVEL PIT	1	138	205	AEP	187	240	Base Case	0	-16.1	-	8.62	0	-0.08%	-0.08%	-0.05%	
2215	250039 08HALL1 138 250040 08HALL2 138 Z1	250039	08HALL1	250040	08HALL2	Z1	138	212	DEO&K	406	454	Base Case	0	35	-	8.61	0	0.02%	0.02%	-0.02%	
2216	247375 05BLUERACER8 138 247715 05BLUE RACER 138 Z1	247375	05BLUERACER8	247715	05BLUE RACER	Z1	138	205	AEP	555	555	Base Case	0	-47.8	-	8.61	0	0.00%	0.00%	0.00%	
2217	239014 02NSQ-16 138 239331 02NASHRING 138 1	239014	02NSQ-16	239331	02NASHRING	1	138	202	ATSI	278	339	Base Case	0	-23.9	-	8.59	0	0.09%	0.09%	-0.03%	
2218	238768 02GRNFLD 138 238974 02N DEPT 138 1	238768	02GRNFLD	238974	02N DEPT	1	138	202	ATSI	200	242	Base Case	0	17.2	-	8.59	0	-0.24%	-0.24%	-0.04%	
2219	238517 02LYONS 138 238712 02FAYET 138 1	238517	02LYONS	238712	02FAYET	1	138	202	ATSI	224	266	Base Case	0	19.2	-	8.59	0	0.05%	0.05%	0.00%	
2220	253077 09STUART 345 253352 AB1-169 MAIN 345 1	253077	09STUART	253352	AB1-169 MAIN	1	345	209	DAY	9999	9999	Base Case	0	-857.3	-	8.57	0	-0.55%	-0.55%	-0.55%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2221	239036 02PERRY 345 239358 02GLENWILLOW 345 1	239036	02PERRY	239358	02GLENWILLOW	1	345	202	ATSI	1542	1878	Base Case	0	131.7	-	8.54	0	0.90%	0.90%	-0.39%	
2222	242778 05RUM CK 138 242779 05RUMCKZ 138 1	242778	05RUM CK	242779	05RUMCKZ	1	138	205	AEP	205	251	Base Case	0	-17.5	-	8.54	0	0.00%	0.00%	0.00%	
2223	242657 05GRAVES 138 246229 05REUSENS2 138 1	242657	05GRAVES	246229	05REUSENS2	1	138	205	AEP	167	245	Base Case	0	-14.2	-	8.51	0	0.02%	0.02%	-0.10%	
2224	238656 02DBQ-11 138 238701 02ERQ-11 138 1	238656	02DBQ-11	238701	02ERQ-11	1	138	202	ATSI	273	332	Base Case	0	-23.2	-	8.51	0	0.00%	0.00%	0.00%	
2225	242625 05DINGES 138 246923 05NEWSOM 138 1	242625	05DINGES	246923	05NEWSOM	1	138	205	AEP	251	335	Base Case	0	-21.3	-	8.5	0	-0.07%	-0.07%	-0.12%	
2226	235340 01GRASSY 138 247822 05QUINWOOD 138 1	235340	01GRASSY	247822	05QUINWOOD	1	138	201/205	AP/AEP	282	332	Base Case	0	-24	-	8.5	0	-0.27%	-0.27%	0.15%	
2227	243211 05ALLEN 345 243231 05ROB PK 345 2	243211	05ALLEN	243231	05ROB PK	2	345	205	AEP	971	971	Base Case	0	-82.5	-	8.5	0	-0.41%	-0.41%	-0.19%	
2228	238525 02AD Q-4 138 241929 02AVQ3 138 1	238525	02AD Q-4	241929	02AVQ3	1	138	202	ATSI	273	332	Base Case	0	-23.2	-	8.49	0	-0.03%	-0.03%	-0.03%	
2229	243454 05BIXBY 345 243459 05KIRK 345 1	243454	05BIXBY	243459	05KIRK	1	345	205	AEP	1409	1409	Base Case	0	-119.3	-	8.46	0	1.32%	1.32%	0.01%	
2230	243476 05BOLINSMLSS 138 244283 05MINERAL SS 138 1	243476	05BOLINSMLSS	244283	05MINERAL SS	1	138	205	AEP	323	361	Base Case	0	27.3	-	8.45	0	-0.06%	-0.06%	0.07%	
2231	243211 05ALLEN 345 243231 05ROB PK 345 1	243211	05ALLEN	243231	05ROB PK	1	345	205	AEP	971	971	Base Case	0	-82.1	-	8.45	0	-0.41%	-0.41%	-0.18%	
2232	238590 02BRWELL 138 238974 02N DEPT 138 1	238590	02BRWELL	238974	02N DEPT	1	138	202	ATSI	189	230	Base Case	0	-16	-	8.45	0	-0.24%	-0.24%	-0.04%	
2233	242521 05NAGEL 500 360106 8SULLIVAN TN 500 1	242521	05NAGEL	360106	8SULLIVAN TN	1	500	205/347	AEP/TVA	2522	2522	Base Case	0	213.1	-	8.45	0	-0.51%	-0.51%	0.19%	
2234	243515 05GORSCH 138 243564 05RIVERV N. 138 1	243515	05GORSCH	243564	05RIVERV N.	1	138	205	AEP	248	282	Base Case	0	20.9	-	8.42	0	-0.07%	-0.07%	-0.08%	
2235	243515 05GORSCH 138 243521 05HARMRH 138 1	243515	05GORSCH	243521	05HARMRH	1	138	205	AEP	248	282	Base Case	0	-20.9	-	8.42	0	-0.07%	-0.07%	-0.08%	
2236	242608 05CLYTR1 138 242666 05HAZELH 138 1	242608	05CLYTR1	242666	05HAZELH	1	138	205	AEP	167	240	Base Case	0	14.1	-	8.42	0	0.07%	0.07%	0.29%	
2237	242537 05AMOS 138 246768 05LANHAM 138 1	242537	05AMOS	246768	05LANHAM	1	138	205	AEP	251	335	Base Case	0	21	-	8.39	0	0.00%	0.00%	0.00%	
2238	243568 05SCIOTO 138 247221 05DUPT_N 138 1	243568	05SCIOTO	247221	05DUPT_N	1	138	205	AEP	150	191	Base Case	0	12.6	-	8.38	0	0.00%	0.00%	0.00%	
2239	253021 09DARBY 138 253245 09EAGLE 138 1	253021	09DARBY	253245	09EAGLE	1	138	209	DAY	201	220	Base Case	0	16.8	-	8.38	0	0.10%	0.10%	0.03%	
2240	239112 02LRCRQ1 138 239213 02AUSTQ1 138 1	239112	02LRCRQ1	239213	02AUSTQ1	1	138	202	ATSI	148	151	Base Case	0	12.4	-	8.37	0	-0.18%	-0.18%	0.04%	
2241	239095 02SBRNQ1 138 239213 02AUSTQ1 138 1	239095	02SBRNQ1	239213	02AUSTQ1	1	138	202	ATSI	148	151	Base Case	0	-12.4	-	8.36	0	-0.18%	-0.18%	0.04%	
2242	243091 05S.CALDWELL 138 247799 05S.OLIVE SS 138 1	243091	05S.CALDWELL	247799	05S.OLIVE SS	1	138	205	AEP	296	413	Base Case	0	-24.7	-	8.35	0	0.19%	0.19%	0.14%	
2243	238823 02INQ-14 138 239324 02CH 138 1	238823	02INQ-14	239324	02CH	1	138	202	ATSI	273	332	Base Case	0	22.8	-	8.34	0	-0.15%	-0.15%	0.03%	
2244	238808 02HMLQ13 138 240261 02GMCQ13 138 1	238808	02HMLQ13	240261	02GMCQ13	1	138	202	ATSI	355	434	Base Case	0	-29.6	-	8.33	0	0.10%	0.10%	0.01%	
2245	243261 05COLBYTAPSS 138 247745 05COLBY 138 1	243261	05COLBYTAPSS	247745	05COLBY	1	138	205	AEP	195	220	Base Case	0	16.2	-	8.32	0	0.00%	0.00%	0.00%	
2246	242946 05TIDD 345 247130 05HOLLOW 345 1	242946	05TIDD	247130	05HOLLOW	1	345	205	AEP	971	971	Base Case	0	80.7	-	8.31	0	1.63%	1.63%	-0.52%	
2247	243522 05HARRISON 138 247067 05GOODHP 138 1	243522	05HARRISON	247067	05GOODHP	1	138	205	AEP	296	413	Base Case	0	-24.6	-	8.31	0	0.04%	0.04%	0.05%	
2248	239176 02WOOD+ 138 239177 02WOODVI 138 1	239176	02WOOD+	239177	02WOODVI	1	138	202	ATSI	278	342	Base Case	0	23	-	8.26	0	-0.12%	-0.12%	-0.06%	
2249	250029 08FOSTER 138 250059 08MAINVL 138 1	250029	08FOSTER	250059	08MAINVL	1	138	212	DEO&K	298	298	Base Case	0	24.6	-	8.24	0	-0.01%	-0.01%	-0.02%	
2250	238516 02JOHNMANDEF 138 238659 02DEFISW 138 1	238516	02JOHNMANDEF	238659	02DEFISW	1	138	202	ATSI	216	264	Base Case	0	17.8	-	8.22	0	0.00%	0.00%	0.00%	
2251	245023 05TEBERN 138 247715 05BLUE RACER 138 1	245023	05TEBERN	247715	05BLUE RACER	1	138	205	AEP	296	413	Base Case	0	-24.3	-	8.21	0	0.00%	0.00%	0.00%	
2252	238542 02ASH_1 138 239055 02Q15TAP 138 1	238542	02ASH_1	239055	02Q15TAP	1	138	202	ATSI	329	399	Base Case	0	27	-	8.2	0	0.00%	0.00%	0.00%	
2253	239290 02HAYES 138 240813 02GROTON 138 1	239290	02HAYES	240813	02GROTON	1	138	202	ATSI	278	339	Base Case	0	-22.7	-	8.17	0	-0.19%	-0.19%	-0.03%	
2254	238665 02DS Q-1 138 241237 02GROV TP 138 1	238665	02DS Q-1	241237	02GROV TP	1	138	202	ATSI	278	339	Base Case	0	22.7	-	8.16	0	-0.22%	-0.22%	-0.02%	
2255	244024 05SUMAC 138 247199 05AMLIN 138 Z1	244024	05SUMAC	247199	05AMLIN	Z1	138	205	AEP	747	747	Base Case	0	-60.9	-	8.15	0	0.00%	0.00%	0.00%	
2256	244024 05SUMAC 138 247199 05AMLIN 138 Z2	244024	05SUMAC	247199	05AMLIN	Z2	138	205	AEP	747	747	Base Case	0	-60.9	-	8.15	0	0.00%	0.00%	0.00%	
2257	238890 02LEMOYN 138 239176 02WOOD+ 138 1	238890	02LEMOYN	239176	02WOOD+	1	138	202	ATSI	282	347	Base Case	0	23	-	8.15	0	-0.12%	-0.12%	-0.06%	
2258	244198 05LEMASTER 138 244283 05MINERAL SS 138 1	244198	05LEMASTER	244283	05MINERAL SS	1	138	205	AEP	323	451	Base Case	0	-26.3	-	8.13	0	-0.06%	-0.06%	0.07%	
2259	247738 05BOONE 138 247792 05FIELDS CRK 138 1	247738	05BOONE	247792	05FIELDS CRK	1	138	205	AEP	296	413	Base Case	0	-24.1	-	8.13	0	0.01%	0.01%	0.00%	
2260	243684 05DEWEY 138 243702 05THELMA 138 1	243684	05DEWEY	243702	05THELMA	1	138	205	AEP	223	223	Base Case	0	-18.1	-	8.12	0	-0.03%	-0.03%	-0.18%	
2261	249984 08ASHLD8 138 250110 08CENTRL 138 1	249984	08ASHLD8	250110	08CENTRL	1	138	212	DEO&K	266	266	Base Case	0	-21.6	-	8.12	0	0.00%	0.00%	-0.01%	
2262	238798 02HKQ-21 138 239307 02HARPERQ-21 138 1	238798	02HKQ-21	239307	02HARPERQ-21	1	138	202	ATSI	148	151	Base Case	0	12	-	8.1	0	0.02%	0.02%	-0.08%	
2263	242950 05ACADEM 138 242955 05APPLE VLYZ 138 1	242950	05ACADEM	242955	05APPLE VLYZ	1	138	205	AEP	251	251	Base Case	0	20.3	-	8.1	0	-0.01%	-0.01%	0.10%	
2264	243118 05SUMMER 138 247715 05BLUE RACER 138 1	243118	05SUMMER	247715	05BLUE RACER	1	138	205	AEP	293	341	Base Case	0	23.7	-	8.1	0	-0.03%	-0.03%	0.01%	
2265	243336 05MANORZ 138 243351 05NORTHL 138 1	243336	05MANORZ	243351	05NORTHL	1	138	205	AEP	205	284	Base Case	0	16.6	-	8.1	0	-0.04%	-0.04%	-0.02%	
2266	242594 05CHERCK 138 242747 05PEMBRT 138 1	242594	05CHERCK	242747	05PEMBRT	1	138	205	AEP	251	335	Base Case	0	-20.3	-	8.09	0	-0.04%	-0.04%	-0.12%	
2267	246988 05STRWTN 138 246989 05WLD CS 138 1	246988	05STRWTN	246989	05WLD CS	1	138	205	AEP	257	360	Base Case	0	-20.7	-	8.07	0	-0.01%	-0.01%	-0.01%	
2268	243850 05CENT33 138 243851 05CENTRM 138 1	243850	05CENT33	243851	05CENTRM	1	138	205	AEP	205	205	Base Case	0	16.5	-	8.06	0	0.00%	0.00%	0.00%	
2269	238685 02EASTLK 138 241922 02ELQ2 138 1	238685	02EASTLK	241922	02ELQ2	1	138	202	ATSI	999	999	Base Case	0	80.2	-	8.02	0	0.07%	0.07%	-0.03%	
2270	242656 05GRASSH 138 242826 05TANKHL 138 1	242656	05GRASSH	242826	05TANKHL	1	138	205	AEP	219	255	Base Case	0	17.6	-	8.02	0	0.00%	0.00%	0.00%	
2271	242558 05BOLT 138 242559 05BOLT Z 138 1	242558	05BOLT	242559	05BOLT Z	1	138	205	AEP	219	251	Base Case	0	-17.5	-	8.01	0	-0.01%	-0.01%	-0.01%	
2272	243568 05SCIOTO 138 247019 05NEVILLE SS 138 1	243568	05SCIOTO	247019	05NEVILLE SS	1	138	205	AEP	427	601	Base Case	0	-34.2	-	8	0	-0.02%	-0.02%	0.09%	
2273	239936 02MCCLELLAND 345 241913 AA1-044 COL 345 1	239936	02MCCLELLAND	241913	AA1-044 COL	1	345	202	ATSI	9999	9999	Base Case	0	-799	-	7.99	0	-0.50%	-0.50%	-0.50%	
2274	242808 05SPORNS 138 243852 05CENT27 138 1	242808	05SPORNS	243852	05CENT27	1	138	205	AEP	257	257	Base Case	0	20.5	-	7.98	0	0.00%	0.00%	0.00%	
2275	242949 05WMILLP 345 247741 05HYATT SW2 345 1	242949	05WMILLP	247741	05HYATT SW2	1	345	205	AEP	971	1335	Base Case	0	77.5	-	7.98	0	0.35%	0.35%	0.19%	
2276	243672 05BECKHA 138 243704 05VICCO 138 1	243672	05BECKHA	243704	05VICCO	1	138	205	AEP	158	183	Base Case	0	12.6	-	7.97	0	0.09%	0.09%	0.05%	
2277	243316 05INDUST PK1 138 245511 05INDUST PK2 138 Z1	243316	05INDUST PK1	245511	05INDUST PK2	Z1	138	205	AEP	747	747	Base Case	0	59.5	-	7.96	0	0.00%	0.00%	0.08%	
2278	245456 05NEWBERY 138 246354 05E.LEIPSIC1 138 1	245456	05NEWBERY	246354	05E.LEIPSIC1	1	138	205	AEP	287	337	Base Case	0	-22.6	-	7.88	0	-0.06%	-0.06%	-0.10%	
2279	238997 02NEQ-16 138 241922 02ELQ2 138 1	238997	02NEQ-16	241922	02ELQ2	1	138	202	ATSI	278	339	Base Case	0	-21.9	-	7.88	0	-0.09%	-0.09%	0.03%	
2280	242582 05CARWLZ 138 247008 05CLARKB 138 1	242582	05CARWLZ	247008	05CLARKB	1	138	205	AEP	334	334	Base Case	0	26.3	-	7.88	0	0.00%	0.00%	-0.30%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2281	243525 05HUNTLEY1 138 246370 05HUNTLEY2 138 Z1	243525	05HUNTLEY1	246370	05HUNTLEY2	Z1	138	205	AEP	586	683	Base Case	0	46.1	-	7.87	0	-0.01%	-0.01%	-0.02%	
2282	243111 05STMARY 138 243152 05WMOULT 138 Z1	243111	05STMARY	243152	05WMOULT	Z1	138	205	AEP	223	223	Base Case	0	-17.5	-	7.86	0	0.00%	0.00%	0.00%	
2283	243548 05MOUND 138 243876 05ST.CXX 138 1	243548	05MOUND	243876	05ST.CXX	1	138	205	AEP	131	173	Base Case	0	-10.3	-	7.83	0	0.05%	0.05%	-0.03%	
2284	242716 05MIDKIF 138 242817 05STONBR 138 1	242716	05MIDKIF	242817	05STONBR	1	138	205	AEP	296	378	Base Case	0	23.1	-	7.81	0	-0.05%	-0.05%	-0.14%	
2285	242579 05CARBMA 138 242836 05TURNE1 138 Z1	242579	05CARBMA	242836	05TURNE1	Z1	138	205	AEP	383	449	Base Case	0	-29.9	-	7.81	0	-0.01%	-0.01%	-0.01%	
2286	238837 02JGSQ14 138 238924 02LTEQ14 138 1	238837	02JGSQ14	238924	02LTEQ14	1	138	202	ATSI	425	522	Base Case	0	-33.2	-	7.8	0	-0.01%	-0.01%	0.01%	
2287	243251 05BIXLER 138 243252 05BIXLRT 138 1	243251	05BIXLER	243252	05BIXLRT	1	138	205	AEP	195	220	Base Case	0	-15.2	-	7.8	0	0.00%	0.00%	0.00%	
2288	242689 05KANAWHA1 138 242763 05RENSFD 138 1	242689	05KANAWHA1	242763	05RENSFD	1	138	205	AEP	180	227	Base Case	0	-14	-	7.8	0	-0.04%	-0.04%	-0.24%	
2289	243039 05MELMOR 138 243110 05STIFFI 138 1	243039	05MELMOR	243110	05STIFFI	1	138	205	AEP	167	167	Base Case	0	-13	-	7.76	0	-0.08%	-0.08%	-0.01%	
2290	238717 02-5POINT+ 138 240979 02DELAFOIL 138 1	238717	02-5POINT+	240979	02DELAFOIL	1	138	202	ATSI	288	353	Base Case	0	22.3	-	7.74	0	0.00%	0.00%	0.00%	
2291	243365 05RIVERSIDE1 138 245846 05RIVERSIDE2 138 Z1	243365	05RIVERSIDE1	245846	05RIVERSIDE2	Z1	138	205	AEP	187	202	Base Case	0	-14.5	-	7.73	0	0.03%	0.03%	0.02%	
2292	242991 05E SIDE 138 243051 05NDELPH 138 1	242991	05E SIDE	243051	05NDELPH	1	138	205	AEP	251	251	Base Case	0	-19.4	-	7.73	0	-0.15%	-0.15%	-0.07%	
2293	235117 01KAMMER 500 242925 05KAMMER 765 1	235117	01KAMMER	242925	05KAMMER	1	500/765	201/205	AP/AEP	2986	3792	Base Case	0	-230.4	-	7.71	0	-7.41%	-7.41%	-3.37%	
2294	238666 02DS Q-3 138 241935 02CLINTON 138 1	238666	02DS Q-3	241935	02CLINTON	1	138	202	ATSI	278	339	Base Case	0	21.4	-	7.7	0	-0.22%	-0.22%	-0.02%	
2295	243342 05MILAN 138 247168 05MICHN3 138 1	243342	05MILAN	247168	05MICHN3	1	138	205	AEP	104	104	Base Case	0	8	-	7.69	0	0.00%	0.00%	0.00%	
2296	238570 02BEAVER 138 238981 02NASA 138 1	238570	02BEAVER	238981	02NASA	1	138	202	ATSI	160	192	Base Case	0	-12.3	-	7.69	0	-0.22%	-0.22%	-0.04%	
2297	243523 05HCREAN 138 243547 05MORSE 138 1	243523	05HCREAN	243547	05MORSE	1	138	205	AEP	150	180	Base Case	0	11.5	-	7.69	0	0.05%	0.05%	0.01%	
2298	240979 02DELAFOIL 138 240980 02FIVEPOINT 138 1	240979	02DELAFOIL	240980	02FIVEPOINT	1	138	202	ATSI	288	353	Base Case	0	22.1	-	7.67	0	0.00%	0.00%	0.00%	
2299	242669 05HOLST1 138 242670 05HOLST2 138 ZB	242669	05HOLST1	242670	05HOLST2	ZB	138	205	AEP	285	337	Base Case	0	21.8	-	7.63	0	-0.01%	-0.01%	-0.06%	
2300	238996 02NEQ-15 138 241921 02ELQ1 138 1	238996	02NEQ-15	241921	02ELQ1	1	138	202	ATSI	273	332	Base Case	0	-20.8	-	7.61	0	-0.08%	-0.08%	0.02%	
2301	242543 05AUSTIN 138 913030 Y1-006 TAP 138 1	242543	05AUSTIN	913030	Y1-006 TAP	1	138	205	AEP	219	251	Base Case	0	16.6	-	7.57	0	-0.02%	-0.02%	-0.06%	
2302	243357 05PENDLETON1 138 243382 05TANNER CK1 138 1	243357	05PENDLETON1	243382	05TANNER CK1	1	138	205	AEP	213	223	Base Case	0	-16.1	-	7.56	0	0.03%	0.03%	0.02%	
2303	242683 05J.EARL 138 913030 Y1-006 TAP 138 1	242683	05J.EARL	913030	Y1-006 TAP	1	138	205	AEP	219	251	Base Case	0	-16.6	-	7.56	0	-0.02%	-0.02%	-0.06%	
2304	242596 05CHESTR 138 242813 05SRIDGE 138 1	242596	05CHESTR	242813	05SRIDGE	1	138	205	AEP	729	729	Base Case	0	-55	-	7.55	0	-0.07%	-0.07%	-0.09%	
2305	242642 05FRANKLIN 138 242831 05THORNT 138 1	242642	05FRANKLIN	242831	05THORNT	1	138	205	AEP	150	204	Base Case	0	-11.3	-	7.55	0	-0.04%	-0.04%	0.19%	
2306	242795 05SHARPL 138 247242 05CHAPSS 138 1	242795	05SHARPL	247242	05CHAPSS	1	138	205	AEP	296	378	Base Case	0	-22.3	-	7.54	0	0.00%	0.00%	0.00%	
2307	247704 05PANDA RDSS 138 247730 05PANDA RD 138 1	247704	05PANDA RDSS	247730	05PANDA RD	1	138	205	AEP	195	220	Base Case	0	14.7	-	7.54	0	0.00%	0.00%	0.00%	
2308	238727 02WLBCT+ 138 239194 02CALPH 138 1	238727	02WLBCT+	239194	02CALPH	1	138	202	ATSI	278	343	Base Case	0	20.9	-	7.53	0	0.03%	0.03%	-0.01%	
2309	242613 05COLLEEN SS 138 244423 05JAMES RIVR 138 1	242613	05COLLEEN SS	244423	05JAMES RIVR	1	138	205	AEP	167	167	Base Case	0	12.6	-	7.52	0	-0.30%	-0.30%	-0.65%	
2310	238889 02LEMOYN 345 242936 05FOSTOR 345 1	238889	02LEMOYN	242936	05FOSTOR	1	345	202/205	ATSI/AEP	1390	1390	Base Case	0	103.9	-	7.48	0	-0.06%	-0.06%	-0.76%	
2311	243497 05DELANO 138 246123 05DELANO T1 138 Z1	243497	05DELANO	246123	05DELANO T1	Z1	138	205	AEP	161	186	Base Case	0	12	-	7.48	0	0.00%	0.00%	0.00%	
2312	238729 02FORD B 138 238767 02GRFD T 138 1	238729	02FORD B	238767	02GRFD T	1	138	202	ATSI	160	192	Base Case	0	-11.9	-	7.45	0	0.00%	0.00%	0.00%	
2313	249571 08REDBK1 345 249575 08TERMNL 345 1	249571	08REDBK1	249575	08TERMNL	1	345	212	DEO&K	1509	1509	Base Case	0	-112.4	-	7.45	0	-0.07%	-0.07%	-0.18%	
2314	242821 05SUNDL2 138 247795 05LACEY BRCH 138 1	242821	05SUNDL2	247795	05LACEY BRCH	1	138	205	AEP	223	223	Base Case	0	-16.6	-	7.44	0	-0.03%	-0.03%	0.15%	
2315	242590 05CENTER 138 242591 05CENTRR 138 Z1	242590	05CENTER	242591	05CENTRR	Z1	138	205	AEP	223	310	Base Case	0	-16.6	-	7.43	0	0.00%	0.00%	0.00%	
2316	243471 05BETHEL 138 243535 05LINWRT 138 1	243471	05BETHEL	243535	05LINWRT	1	138	205	AEP	150	151	Base Case	0	11.1	-	7.43	0	-0.02%	-0.02%	-0.01%	
2317	238944 02MASURY 138 239120 02SSPRNG 138 1	238944	02MASURY	239120	02SSPRNG	1	138	202	ATSI	128	165	Base Case	0	9.5	-	7.43	0	0.20%	0.20%	-0.02%	
2318	238830 02IWQ-16 138 238842 02JNPRQ3 138 1	238830	02IWQ-16	238842	02JNPRQ3	1	138	202	ATSI	273	332	Base Case	0	-20.2	-	7.41	0	0.02%	0.02%	0.00%	
2319	243482 05CENTBG 138 243583 05TRENT 138 1	243482	05CENTBG	243583	05TRENT	1	138	205	AEP	285	338	Base Case	0	21	-	7.37	0	0.04%	0.04%	-0.01%	
2320	238578 02BORDMN 138 239166 02WCKLIF 138 1	238578	02BORDMN	239166	02WCKLIF	1	138	202	ATSI	225	295	Base Case	0	16.6	-	7.37	0	0.09%	0.09%	0.03%	
2321	238975 02N EAST 138 240240 02NEORSD 138 1	238975	02N EAST	240240	02NEORSD	1	138	202	ATSI	194	237	Base Case	0	14.3	-	7.35	0	-0.08%	-0.08%	0.02%	
2322	242849 05W.KINGSPT1 138 244195 05HOLSTN ARM 138 Z1	242849	05W.KINGSPT1	244195	05HOLSTN ARM	Z1	138	205	AEP	109	133	Base Case	0	8	-	7.34	0	0.00%	0.00%	0.00%	
2323	238500 02ALLEN-1 138 238531 02ALLNJ 138 ZB	238500	02ALLEN-1	238531	02ALLNJ	ZB	138	202	ATSI	563	563	Base Case	0	41.2	-	7.32	0	0.00%	0.00%	0.00%	
2324	238822 02INQ-11 138 238828 02IVYQ11 138 1	238822	02INQ-11	238828	02IVYQ11	1	138	202	ATSI	376	465	Base Case	0	27.5	-	7.3	0	0.06%	0.06%	-0.02%	
2325	238637 02CPP LS 138 238673 02E IND 138 1	238637	02CPP LS	238673	02E IND	1	138	202	ATSI	194	237	Base Case	0	-14.1	-	7.29	0	0.07%	0.07%	0.00%	
2326	242577 05CARB 8 138 242578 05CARB Z 138 1	242577	05CARB 8	242578	05CARB Z	1	138	205	AEP	164	180	Base Case	0	11.9	-	7.27	0	-0.01%	-0.01%	-0.01%	
2327	243136 05W LIMA 138 243157 05WOODLA 138 1	243136	05W LIMA	243157	05WOODLA	1	138	205	AEP	205	205	Base Case	0	-14.8	-	7.24	0	0.01%	0.01%	-0.06%	
2328	238590 02BRWELL 138 238728 02FORD 138 1	238590	02BRWELL	238728	02FORD	1	138	202	ATSI	189	230	Base Case	0	13.7	-	7.23	0	-0.24%	-0.24%	-0.04%	
2329	242690 05KEENMT 138 247149 05WHITWD 138 1	242690	05KEENMT	247149	05WHITWD	1	138	205	AEP	251	335	Base Case	0	-18.1	-	7.23	0	0.00%	0.00%	0.00%	
2330	238585 02BRIDGE 138 238825 02IVANHO 138 1	238585	02BRIDGE	238825	02IVANHO	1	138	202	ATSI	200	242	Base Case	0	14.4	-	7.22	0	-0.01%	-0.01%	0.00%	
2331	243042 05MILLBR PK1 138 243047 05N PORT 138 1	243042	05MILLBR PK1	243047	05N PORT	1	138	205	AEP	185	185	Base Case	0	13.3	-	7.2	0	-0.02%	-0.02%	0.06%	
2332	242601 05CLEARB 138 242774 05ROANO2 138 1	242601	05CLEARB	242774	05ROANO2	1	138	205	AEP	158	183	Base Case	0	11.4	-	7.18	0	-0.07%	-0.07%	-0.42%	
2333	243025 05JUNCTN 138 247497 05CLOUSE 138 1	243025	05JUNCTN	247497	05CLOUSE	1	138	205	AEP	167	167	Base Case	0	-12	-	7.18	0	0.07%	0.07%	-0.03%	
2334	242654 05GRASCK 138 242690 05KEENMT 138 Z1	242654	05GRASCK	242690	05KEENMT	Z1	138	205	AEP	251	335	Base Case	0	-18	-	7.17	0	0.00%	0.00%	0.00%	
2335	243015 05GREENL 138 243039 05MELMOR 138 1	243015	05GREENL	243039	05MELMOR	1	138	205	AEP	257	360	Base Case	0	18.4	-	7.16	0	-0.01%	-0.01%	-0.07%	
2336	250036 08GLNVW1 138 250037 08GLNVW2 138 Z1	250036	08GLNVW1	250037	08GLNVW2	Z1	138	212	DEO&K	516	573	Base Case	0	-36.8	-	7.13	0	-0.03%	-0.03%	0.01%	
2337	243557 05RENO Z 138 244637 05RENO 138 Z1	243557	05RENO Z	244637	05RENO	Z1	138	205	AEP	129	161	Base Case	0	9.2	-	7.11	0	0.00%	0.00%	0.00%	
2338	238530 02ALLEN 345 239018 02FULTON 345 1	238530	02ALLEN	239018	02FULTON	1	345	202	ATSI	1517	1863	Base Case	0	107.8	-	7.1	0	-0.36%	-0.36%	-0.08%	
2339	238523 02CHRYTE 138 239227 02-1STSL 138 1	238523	02CHRYTE	239227	02-1STSL	1	138	202	ATSI	288	346	Base Case	0	-20.3	-	7.04	0	-0.03%	-0.03%	0.01%	
2340	243314 05HUNTR8 138 243326 05LAOTTO 138 1	243314	05HUNTR8	243326	05LAOTTO	1	138	205	AEP	251	335	Base Case	0	17.7	-	7.04	0	0.07%	0.07%	0.06%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2341	243042 05MILLBR PK1 138 245949 05MLBRPK_ARG 138 Z1	243042	05MILLBR PK1	245949	05MLBRPK_ARG	Z1	138	205	AEP	240	296	Base Case	0	-16.9	-	7.03	0	-0.06%	-0.06%	-0.03%	
2342	249566 08FOSTER 345 249570 08P.UNON 345 1	249566	08FOSTER	249570	08P.UNON	1	345	212	DEO&K	1509	1509	Base Case	0	-105.9	-	7.02	0	-0.64%	-0.64%	-0.23%	
2343	238749 02GATES 138 238971 02MURRAY 138 1	238749	02GATES	238971	02MURRAY	1	138	202	ATSI	196	210	Base Case	0	-13.7	-	6.99	0	-0.05%	-0.05%	-0.02%	
2344	250099 08SIMPSN 138 250102 08SOCLVL 138 1	250099	08SIMPSN	250102	08SOCLVL	1	138	212	DEO&K	298	298	Base Case	0	20.8	-	6.99	0	0.05%	0.05%	0.03%	
2345	243245 05ANTHYZ 138 243379 05STATES 138 1	243245	05ANTHYZ	243379	05STATES	1	138	205	AEP	219	251	Base Case	0	15.2	-	6.95	0	0.07%	0.07%	0.05%	
2346	243493 05CRVERD 138 243915 05BERRYWOOD 138 1	243493	05CRVERD	243915	05BERRYWOOD	1	138	205	AEP	338	338	Base Case	0	23.5	-	6.94	0	-0.04%	-0.04%	0.01%	
2347	243139 05WAGENHALS2 138 244070 05JUNE ROAD 138 1	243139	05WAGENHALS2	244070	05JUNE ROAD	1	138	205	AEP	335	392	Base Case	0	-23.1	-	6.91	0	0.11%	0.11%	0.02%	
2348	240069 02LORDSTOWN 345 240074 02_Z2-028 345 1	240069	02LORDSTOWN	240074	02_Z2-028	1	345	202	ATSI	9999	9999	Base Case	0	-688.6	-	6.89	0	-0.43%	-0.43%	-0.43%	
2349	243472 05BEXLEY 138 243592 05YEARLG 138 1	243472	05BEXLEY	243592	05YEARLG	1	138	205	AEP	164	180	Base Case	0	-11.3	-	6.88	0	0.05%	0.05%	0.00%	
2350	242564 05BRADL1 138 247826 05MOLLYS CRK 138 1	242564	05BRADL1	247826	05MOLLYS CRK	1	138	205	AEP	136	167	Base Case	0	9.4	-	6.88	0	-0.15%	-0.15%	0.17%	
2351	242532 05NAGEL 230 304781 6CANERV230 T 230 1	242532	05NAGEL	304781	6CANERV230 T	1	230	205/341	AEP/CPLW	598	598	Base Case	0	41.1	-	6.87	0	-0.21%	-0.21%	-1.32%	
2352	242596 05CHESTR 138 245426 05BULLIT ST2 138 1	242596	05CHESTR	245426	05BULLIT ST2	1	138	205	AEP	296	413	Base Case	0	-20.3	-	6.86	0	-0.01%	-0.01%	-0.10%	
2353	238728 02FORD 138 239738 02OAKPOINT 138 1	238728	02FORD	239738	02OAKPOINT	1	138	202	ATSI	200	242	Base Case	0	13.7	-	6.83	0	-0.24%	-0.24%	-0.04%	
2354	243487 05CHK TAP Z 138 243528 05KARL ROAD 138 1	243487	05CHK TAP Z	243528	05KARL ROAD	1	138	205	AEP	338	338	Base Case	0	-23.1	-	6.83	0	0.07%	0.07%	0.02%	
2355	243210 05SULLIVAN 765 247712 05SULLIVAN 345 1	243210	05SULLIVAN	247712	05SULLIVAN	1	765/345	205	AEP	1737	1737	Base Case	0	118.5	-	6.82	0	0.23%	0.23%	0.02%	
2356	238783 02HARDIN 345 239334 02L.CENTER 345 1	238783	02HARDIN	239334	02L.CENTER	1	345	202	ATSI	1555	1793	Base Case	0	-105.8	-	6.8	0	0.82%	0.82%	-0.31%	
2357	250010 08D.CRK2 138 250105 08TDHNTR 138 1	250010	08D.CRK2	250105	08TDHNTR	1	138	212	DEO&K	299	299	Base Case	0	-20.3	-	6.8	0	0.04%	0.04%	0.04%	
2358	243070 05OHIOCT 138 243076 05CONESPREPZ 138 1	243070	05OHIOCT	243076	05CONESPREPZ	1	138	205	AEP	446	601	Base Case	0	30.1	-	6.75	0	0.18%	0.18%	-0.08%	
2359	243212 05BENTON 345 243215 05COOK 345 1	243212	05BENTON	243215	05COOK	1	345	205	AEP	1409	1868	Base Case	0	95.1	-	6.75	0	0.46%	0.46%	-0.02%	
2360	238812 02HOYTDL 345 238941 02MANSFD 345 1	238812	02HOYTDL	238941	02MANSFD	1	345	202	ATSI	1542	1878	Base Case	0	104	-	6.74	0	1.00%	1.00%	-0.24%	
2361	242932 05CANTNC 345 242944 05SECANT 345 1	242932	05CANTNC	242944	05SECANT	1	345	205	AEP	1409	1409	Base Case	0	95	-	6.74	0	0.47%	0.47%	-0.50%	
2362	238714 02FB Q-3 138 238741 02FWLSQ3 138 1	238714	02FB Q-3	238741	02FWLSQ3	1	138	202	ATSI	267	332	Base Case	0	-18	-	6.74	0	-0.18%	-0.18%	-0.01%	
2363	238799 02HKQ-22 138 239049 02PV Q1 138 1	238799	02HKQ-22	239049	02PV Q1	1	138	202	ATSI	153	199	Base Case	0	10.3	-	6.74	0	-0.03%	-0.03%	0.09%	
2364	238914 02LRCRQ3 138 239057 02LRCRQ4 138 ZB	238914	02LRCRQ3	239057	02LRCRQ4	ZB	138	202	ATSI	2500	2500	Base Case	0	-168.1	-	6.72	0	0.07%	0.07%	-0.03%	
2365	250022 08EVNDL1 138 250051 08KMPER2 138 1	250022	08EVNDL1	250051	08KMPER2	1	138	212	DEO&K	299	299	Base Case	0	-20.1	-	6.72	0	0.01%	0.01%	-0.02%	
2366	242614 05COLLINV SS 138 247169 05COLLINV 138 Z1	242614	05COLLINV SS	247169	05COLLINV	Z1	138	205	AEP	158	180	Base Case	0	10.6	-	6.71	0	0.00%	0.00%	0.00%	
2367	247150 05FARADAY 138 247153 05BERWIN 138 1	247150	05FARADAY	247153	05BERWIN	1	138	205	AEP	296	413	Base Case	0	19.7	-	6.67	0	-0.05%	-0.05%	0.04%	
2368	242946 05TIDD 345 242948 05WBELLA 345 1	242946	05TIDD	242948	05WBELLA	1	345	205	AEP	971	1318	Base Case	0	-64.7	-	6.66	0	-1.44%	-1.45%	0.96%	
2369	242955 05APPLE VLYZ 138 243061 05NLEXTN 138 1	242955	05APPLE VLYZ	243061	05NLEXTN	1	138	205	AEP	205	205	Base Case	0	13.6	-	6.62	0	-0.01%	-0.01%	0.10%	
2370	243152 05WMOULT 138 245994 05GEMINI 138 1	243152	05WMOULT	245994	05GEMINI	1	138	205	AEP	257	360	Base Case	0	-17	-	6.6	0	0.01%	0.01%	0.04%	
2371	242759 05POPLAR 138 247013 05CROOKC 138 1	242759	05POPLAR	247013	05CROOKC	1	138	205	AEP	296	361	Base Case	0	-19.5	-	6.59	0	0.06%	0.06%	0.02%	
2372	242708 05M FUNK 138 242852 05WSALEM 138 1	242708	05M FUNK	242852	05WSALEM	1	138	205	AEP	223	223	Base Case	0	-14.7	-	6.58	0	0.11%	0.11%	0.29%	
2373	239017 02NT Q16 138 241925 02ELQ5 138 1	239017	02NT Q16	241925	02ELQ5	1	138	202	ATSI	225	295	Base Case	0	-14.7	-	6.56	0	0.02%	0.02%	-0.01%	
2374	243002 05FAIRCR 138 243097 05SECANT 138 1	243002	05FAIRCR	243097	05SECANT	1	138	205	AEP	291	291	Base Case	0	-19.1	-	6.55	0	0.16%	0.16%	-0.05%	
2375	239988 02FE-POLO 138 247727 05POLO ROAD 138 1	239988	02FE-POLO	247727	05POLO ROAD	1	138	202/205	ATSI/AEP	219	255	Base Case	0	14.3	-	6.53	0	0.00%	0.00%	0.00%	
2376	238806 02HMLQ11 138 239032 02PDBQ11 138 1	238806	02HMLQ11	239032	02PDBQ11	1	138	202	ATSI	355	434	Base Case	0	-23.2	-	6.53	0	0.19%	0.19%	0.02%	
2377	243778 05TIMKEN B 138 246837 05TORREY_BP 138 1	243778	05TIMKEN B	246837	05TORREY_BP	1	138	205	AEP	285	302	Base Case	0	-18.6	-	6.53	0	-0.07%	-0.07%	0.02%	
2378	242790 05S.BUFFALO 138 246162 05S.BUF T1-4 138 Z4	242790	05S.BUFFALO	246162	05S.BUF T1-4	Z4	138	205	AEP	158	183	Base Case	0	10.3	-	6.51	0	0.00%	0.00%	0.00%	
2379	242790 05S.BUFFALO 138 246162 05S.BUF T1-4 138 Z3	242790	05S.BUFFALO	246162	05S.BUF T1-4	Z3	138	205	AEP	158	183	Base Case	0	10.3	-	6.51	0	0.00%	0.00%	0.00%	
2380	242790 05S.BUFFALO 138 246162 05S.BUF T1-4 138 Z1	242790	05S.BUFFALO	246162	05S.BUF T1-4	Z1	138	205	AEP	158	183	Base Case	0	10.3	-	6.51	0	0.00%	0.00%	0.00%	
2381	242790 05S.BUFFALO 138 246162 05S.BUF T1-4 138 Z2	242790	05S.BUFFALO	246162	05S.BUF T1-4	Z2	138	205	AEP	158	183	Base Case	0	10.3	-	6.51	0	0.00%	0.00%	0.00%	
2382	238632 02COLLIN 138 238638 02CPP NH 138 1	238632	02COLLIN	238638	02CPP NH	1	138	202	ATSI	194	237	Base Case	0	-12.6	-	6.51	0	0.08%	0.08%	-0.02%	
2383	238764 02GRANGR 138 239125 02STONEY 138 1	238764	02GRANGR	239125	02STONEY	1	138	202	ATSI	233	282	Base Case	0	-15.1	-	6.5	0	-0.13%	-0.13%	-0.01%	
2384	243024 05HOWARD 138 243101 05SHELNS 138 1	243024	05HOWARD	243101	05SHELNS	1	138	205	AEP	93	93	Base Case	0	6	-	6.49	0	0.00%	0.00%	0.00%	
2385	243474 05BLACKL 138 246765 05OUTERB 138 1	243474	05BLACKL	246765	05OUTERB	1	138	205	AEP	223	310	Base Case	0	14.5	-	6.49	0	0.02%	0.02%	0.00%	
2386	243776 05S.TIMK 138 246837 05TORREY_BP 138 1	243776	05S.TIMK	246837	05TORREY_BP	1	138	205	AEP	287	337	Base Case	0	18.6	-	6.48	0	-0.07%	-0.07%	0.02%	
2387	243275 05DELAWR1 138 243387 05VANBUR 138 1	243275	05DELAWR1	243387	05VANBUR	1	138	205	AEP	136	167	Base Case	0	8.8	-	6.46	0	0.00%	0.00%	0.05%	
2388	247894 05E.ELKHA BP 345 256509 18WEEDLK 345 1	247894	05E.ELKHA BP	256509	18WEEDLK	1	345	205/218	AEP/METC	1407	1407	Base Case	0	-90.9	-	6.46	0	0.22%	0.22%	-0.18%	
2389	242686 05JEHU BR SS 138 247557 05MABSCOTT 138 1	242686	05JEHU BR SS	247557	05MABSCOTT	1	138	205	AEP	158	183	Base Case	0	-10.2	-	6.45	0	-0.03%	-0.03%	0.07%	
2390	253074 09STATAP 138 253139 09ELDEAN 138 1	253074	09STATAP	253139	09ELDEAN	1	138	209	DAY	197	269	Base Case	0	12.7	-	6.45	0	-0.01%	-0.01%	0.02%	
2391	243234 05TWIN B 345 256000 18ARGNTA 345 1	243234	05TWIN B	256000	18ARGNTA	1	345	205/218	AEP/METC	1374	1409	Base Case	0	88.5	-	6.44	0	-0.45%	-0.45%	-0.01%	
2392	247894 05E.ELKHA BP 345 255105 17HIPLE 345 1	247894	05E.ELKHA BP	255105	17HIPLE	1	345	205/217	AEP/NIPS	1409	1409	Base Case	0	90.7	-	6.44	0	0.22%	0.22%	-0.18%	
2393	242808 05SPORNS 138 243850 05CENT33 138 3	242808	05SPORNS	243850	05CENT33	3	138	205	AEP	257	257	Base Case	0	16.5	-	6.44	0	0.00%	0.00%	0.00%	
2394	242703 05LEON A 138 242808 05SPORNS 138 1	242703	05LEON A	242808	05SPORNS	1	138	205	AEP	296	296	Base Case	0	-18.9	-	6.4	0	-0.03%	-0.03%	-0.19%	
2395	242650 05GLENL1 138 242694 05KIMBAL 138 1	242650	05GLENL1	242694	05KIMBAL	1	138	205	AEP	205	205	Base Case	0	13.1	-	6.4	0	-0.12%	-0.12%	-0.27%	
2396	238857 02KHTPQ1 138 238862 02KL Q-1 138 1	238857	02KHTPQ1	238862	02KL Q-1	1	138	202	ATSI	273	332	Base Case	0	17.5	-	6.39	0	0.00%	0.00%	0.00%	
2397	243248 05BARODA 138 246996 05PLETCH 138 1	243248	05BARODA	246996	05PLETCH	1	138	205	AEP	205	205	Base Case	0	13.1	-	6.38	0	0.06%	0.06%	0.02%	
2398	247370 05MUSKNG1A 138 247371 05MUSKNG1B 138 Z1	247370	05MUSKNG1A	247371	05MUSKNG1B	Z1	138	205	AEP	766	898	Base Case	0	48.7	-	6.36	0	-0.02%	-0.02%	0.11%	
2399	243241 05ALBION 138 255164 17NORTHPORT 138 1	243241	05ALBION	255164	17NORTHPORT	1	138	205/217	AEP/NIPS	148	181	Base Case	0	-9.4	-	6.34	0	-0.04%	-0.04%	-0.04%	
2400	243265 05COREY 138 243346 05MOTTV 138 1	243265	05COREY	243346	05MOTTV	1	138	205	AEP	185	185	Base Case	0	-11.7	-	6.33	0	0.02%	0.02%	0.03%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2401	242750 05PHILPOTT Z 138 247723 05PHILPOTT 138 1	242750	05PHILPOTT Z	247723	05PHILPOTT	1	138	205	AEP	101	145	Base Case	0	-6.4	-	6.33	0	0.00%	0.00%	0.00%	
2402	242811 05SPRING 138 247819 05S.ABINGDN1 138 1	242811	05SPRING	247819	05S.ABINGDN1	1	138	205	AEP	167	240	Base Case	0	-10.5	-	6.32	0	0.00%	0.00%	-0.14%	
2403	242733 05NEWHOP 138 242786 05S.PRINCETN 138 1	242733	05NEWHOP	242786	05S.PRINCETN	1	138	205	AEP	334	334	Base Case	0	21.1	-	6.3	0	-0.11%	-0.11%	-0.29%	
2404	250022 08EVNDL1 138 250023 08EVNDL2 138 Z1	250022	08EVNDL1	250023	08EVNDL2	Z1	138	212	DEO&K	498	498	Base Case	0	-31.3	-	6.29	0	-0.01%	-0.01%	0.02%	
2405	242988 05DOGWOO 138 243042 05MILLBR PK1 138 1	242988	05DOGWOO	243042	05MILLBR PK1	1	138	205	AEP	136	167	Base Case	0	8.5	-	6.28	0	0.05%	0.05%	0.13%	
2406	238632 02COLLIN 138 240240 02NEORSD 138 1	238632	02COLLIN	240240	02NEORSD	1	138	202	ATSI	194	237	Base Case	0	-12.2	-	6.27	0	-0.08%	-0.08%	0.02%	
2407	242651 05GLENL2 138 242805 05HATCHR 138 1	242651	05GLENL2	242805	05HATCHR	1	138	205	AEP	334	334	Base Case	0	-20.9	-	6.27	0	-0.20%	-0.20%	-0.37%	
2408	243509 05FISHRD 138 243587 05WILSNZ 138 1	243509	05FISHRD	243587	05WILSNZ	1	138	205	AEP	223	310	Base Case	0	-14	-	6.26	0	-0.04%	-0.04%	0.00%	
2409	243114 05STRASB 138 243135 05W DOVE 138 1	243114	05STRASB	243135	05W DOVE	1	138	205	AEP	287	335	Base Case	0	18	-	6.26	0	0.48%	0.48%	-0.10%	
2410	243262 05COLLEGE C 138 243364 05RICHMO 138 1	243262	05COLLEGE C	243364	05RICHMO	1	138	205	AEP	164	167	Base Case	0	-10.3	-	6.25	0	-0.06%	-0.06%	-0.05%	
2411	243241 05ALBION 138 243288 05EGE 138 1	243241	05ALBION	243288	05EGE	1	138	205	AEP	187	202	Base Case	0	-11.7	-	6.24	0	0.07%	0.07%	0.06%	
2412	243147 05WILDCRK SS 138 244566 05LA RUE 138 1	243147	05WILDCRK SS	244566	05LA RUE	1	138	205	AEP	185	185	Base Case	0	11.5	-	6.23	0	-0.10%	-0.10%	-0.04%	
2413	242759 05POPLAR 138 244192 05BALLS GAP 138 1	242759	05POPLAR	244192	05BALLS GAP	1	138	205	AEP	167	167	Base Case	0	10.4	-	6.23	0	0.06%	0.06%	0.02%	
2414	242565 05BRADL2 138 242618 05DAMERN 138 1	242565	05BRADL2	242618	05DAMERN	1	138	205	AEP	195	220	Base Case	0	12.1	-	6.22	0	0.01%	0.01%	0.01%	
2415	242800 05SISSON 138 246768 05LANHAM 138 1	242800	05SISSON	246768	05LANHAM	1	138	205	AEP	251	330	Base Case	0	-15.6	-	6.21	0	0.00%	0.00%	0.00%	
2416	243016 05HANTHR 138 243768 05GOE 138 1	243016	05HANTHR	243768	05GOE	1	138	205	AEP	205	205	Base Case	0	12.7	-	6.19	0	0.00%	0.00%	0.00%	
2417	239193 02CONAGR 138 239194 02CALPH 138 1	239193	02CONAGR	239194	02CALPH	1	138	202	ATSI	278	343	Base Case	0	-17.2	-	6.19	0	0.03%	0.03%	-0.01%	
2418	239192 02WALGRN 138 239193 02CONAGR 138 1	239192	02WALGRN	239193	02CONAGR	1	138	202	ATSI	278	343	Base Case	0	-17.2	-	6.19	0	0.03%	0.03%	-0.01%	
2419	242963 05HEDDSS 138 243153 05WMTVER 138 1	242963	05HEDDSS	243153	05WMTVER	1	138	205	AEP	220	255	Base Case	0	-13.6	-	6.18	0	0.10%	0.10%	0.06%	
2420	247151 05YUKON 138 247153 05BERWIN 138 1	247151	05YUKON	247153	05BERWIN	1	138	205	AEP	296	413	Base Case	0	-18.3	-	6.17	0	-0.05%	-0.05%	0.04%	
2421	243568 05SCIOTO 138 243569 05SCIPPO 138 1	243568	05SCIOTO	243569	05SCIPPO	1	138	205	AEP	246	246	Base Case	0	15.2	-	6.17	0	-0.02%	-0.02%	0.09%	
2422	243209 05ROCKPT 765 243210 05SULLIVAN 765 1	243209	05ROCKPT	243210	05SULLIVAN	1	765	205	AEP	3859	3859	Base Case	0	237.2	-	6.15	0	0.46%	0.46%	0.03%	
2423	243076 05CONESPREPZ 138 243488 05CONESVILLE 138 1	243076	05CONESPREPZ	243488	05CONESVILLE	1	138	205	AEP	446	601	Base Case	0	27.4	-	6.13	0	0.18%	0.18%	-0.08%	
2424	238813 02HOYTDL 138 238942 02MAPLE 138 1	238813	02HOYTDL	238942	02MAPLE	1	138	202	ATSI	278	339	Base Case	0	17	-	6.11	0	-1.06%	-1.06%	-0.05%	
2425	243265 05COREY 138 243299 05HYDRAMATIC 138 1	243265	05COREY	243299	05HYDRAMATIC	1	138	205	AEP	251	251	Base Case	0	15.3	-	6.08	0	0.01%	0.01%	0.01%	
2426	242611 05COALFK 138 242828 05TENMIL 138 1	242611	05COALFK	242828	05TENMIL	1	138	205	AEP	219	223	Base Case	0	13.3	-	6.08	0	0.03%	0.03%	-0.15%	
2427	243270 05CROSSS 138 247420 05CROSS ST Z 138 1	243270	05CROSSS	247420	05CROSS ST Z	1	138	205	AEP	164	180	Base Case	0	-10	-	6.07	0	0.00%	0.00%	0.00%	
2428	243502 05E.BROAD 138 246765 05OUTERB 138 1	243502	05E.BROAD	246765	05OUTERB	1	138	205	AEP	240	309	Base Case	0	-14.5	-	6.03	0	0.02%	0.02%	0.00%	
2429	246220 05SWITCHB_BP 138 247029 05HORSPN 138 1	246220	05SWITCHB_BP	247029	05HORSPN	1	138	205	AEP	295	295	Base Case	0	17.8	-	6.03	0	0.00%	0.00%	-0.30%	
2430	246220 05SWITCHB_BP 138 247008 05CLARKB 138 1	246220	05SWITCHB_BP	247008	05CLARKB	1	138	205	AEP	295	295	Base Case	0	-17.8	-	6.03	0	0.00%	0.00%	-0.30%	
2431	238544 02ASH_3 138 238692 02ASH_EAST 138 1	238544	02ASH_3	238692	02ASH_EAST	1	138	202	ATSI	273	338	Base Case	0	16.5	-	6.03	0	0.00%	0.00%	0.00%	
2432	242692 05KEYWOD 138 242693 05KEYWSS 138 1	242692	05KEYWOD	242693	05KEYWSS	1	138	205	AEP	158	180	Base Case	0	-9.5	-	6	0	0.00%	0.00%	0.00%	
2433	243119 05SOMERTON Z 138 247757 05HERLAN SW 138 1	243119	05SOMERTON Z	247757	05HERLAN SW	1	138	205	AEP	205	284	Base Case	0	12.3	-	6	0	0.18%	0.18%	-0.05%	
2434	238732 02FOXQ11 138 239032 02PDBQ11 138 1	238732	02FOXQ11	239032	02PDBQ11	1	138	202	ATSI	425	522	Base Case	0	25.5	-	5.99	0	0.19%	0.19%	0.02%	
2435	239078 02RYAN 138 239158 02W.MED 138 1	239078	02RYAN	239158	02W.MED	1	138	202	ATSI	233	282	Base Case	0	-13.9	-	5.98	0	-0.05%	-0.05%	-0.04%	
2436	243339 05MEADOW 138 243357 05PENDLETON1 138 1	243339	05MEADOW	243357	05PENDLETON1	1	138	205	AEP	185	185	Base Case	0	-11.1	-	5.98	0	-0.01%	-0.01%	-0.01%	
2437	242608 05CLYTR1 138 242610 05CLYTR3 138 Z1	242608	05CLYTR1	242610	05CLYTR3	Z1	138	205	AEP	329	361	Base Case	0	19.6	-	5.97	0	0.04%	0.04%	-0.20%	
2438	253044 09MECHAN 138 253245 09EAGLE 138 1	253044	09MECHAN	253245	09EAGLE	1	138	209	DAY	221	272	Base Case	0	-13.2	-	5.95	0	0.10%	0.10%	0.03%	
2439	242937 05KAMMER 345 247832 05LAMPING 345 1	242937	05KAMMER	247832	05LAMPING	1	345	205	AEP	971	971	Base Case	0	57.7	-	5.94	0	1.51%	1.51%	-0.21%	
2440	238913 02LRCRQ2 138 239112 02LRCRQ1 138 ZB	238913	02LRCRQ2	239112	02LRCRQ1	ZB	138	202	ATSI	2500	2500	Base Case	0	-148.4	-	5.94	0	0.06%	0.06%	-0.03%	
2441	238712 02FAYET 138 239351 02EASTFAYT 138 1	238712	02FAYET	239351	02EASTFAYT	1	138	202	ATSI	221	262	Base Case	0	13.1	-	5.93	0	0.05%	0.05%	0.00%	
2442	238525 02AD Q-4 138 238916 02LRN Q4 138 1	238525	02AD Q-4	238916	02LRN Q4	1	138	202	ATSI	176	229	Base Case	0	10.4	-	5.93	0	-0.03%	-0.03%	-0.03%	
2443	250102 08SOCLVL 138 250111 08TP5483 138 1	250102	08SOCLVL	250111	08TP5483	1	138	212	DEO&K	298	298	Base Case	0	-17.6	-	5.9	0	-0.05%	-0.05%	-0.03%	
2444	247000 05YELLOW CK1 138 247001 05YELLOW CK2 138 Z1	247000	05YELLOW CK1	247001	05YELLOW CK2	Z1	138	205	AEP	747	747	Base Case	0	44.1	-	5.9	0	0.06%	0.06%	0.10%	
2445	243289 05ELCONA 138 243290 05ELCONZ 138 1	243289	05ELCONA	243290	05ELCONZ	1	138	205	AEP	251	335	Base Case	0	-14.8	-	5.9	0	0.00%	0.00%	0.00%	
2446	238652 02DARROW 138 238814 02HUDMUN 138 1	238652	02DARROW	238814	02HUDMUN	1	138	202	ATSI	190	225	Base Case	0	-11.2	-	5.9	0	-0.02%	-0.02%	-0.03%	
2447	243259 05CNTRVL 138 243344 05MODOC 138 1	243259	05CNTRVL	243344	05MODOC	1	138	205	AEP	185	185	Base Case	0	-10.9	-	5.87	0	-0.03%	-0.03%	-0.03%	
2448	238703 02ESPRNG 138 239278 02BRDVIE 138 1	238703	02ESPRNG	239278	02BRDVIE	1	138	202	ATSI	160	192	Base Case	0	-9.4	-	5.87	0	-0.04%	-0.04%	-0.02%	
2449	238716 02FIRSTN 138 239083 02SAKRON 138 1	238716	02FIRSTN	239083	02SAKRON	1	138	202	ATSI	196	210	Base Case	0	-11.4	-	5.84	0	0.06%	0.06%	0.06%	
2450	239013 02NSQ-15 138 239331 02NASHRING 138 1	239013	02NSQ-15	239331	02NASHRING	1	138	202	ATSI	273	332	Base Case	0	-15.9	-	5.83	0	0.08%	0.08%	-0.02%	
2451	242577 05CARB 8 138 242579 05CARBMA 138 1	242577	05CARB 8	242579	05CARBMA	1	138	205	AEP	205	205	Base Case	0	-11.9	-	5.82	0	-0.01%	-0.01%	-0.01%	
2452	247150 05FARADAY 138 247160 05BEARWA 138 1	247150	05FARADAY	247160	05BEARWA	1	138	205	AEP	296	413	Base Case	0	17.2	-	5.81	0	0.02%	0.02%	0.01%	
2453	242561 05BOONSBORO 138 242641 05FOREST 138 1	242561	05BOONSBORO	242641	05FOREST	1	138	205	AEP	167	240	Base Case	0	-9.7	-	5.81	0	-0.01%	-0.01%	0.51%	
2454	238619 02CL Q11 138 240346 02GROVWDQ11 138 ZL	238619	02CL Q11	240346	02GROVWDQ11	ZL	138	202	ATSI	273	332	Base Case	0	-15.8	-	5.8	0	0.00%	0.00%	0.00%	
2455	242599 05CINDER 138 242810 05SPRIG2 138 1	242599	05CINDER	242810	05SPRIG2	1	138	205	AEP	296	369	Base Case	0	17.2	-	5.8	0	-0.04%	-0.04%	-0.08%	
2456	243259 05CNTRVL 138 243262 05COLLEGE C 138 1	243259	05CNTRVL	243262	05COLLEGE C	1	138	205	AEP	185	185	Base Case	0	10.7	-	5.79	0	-0.05%	-0.05%	-0.04%	
2457	245476 05ROB PK34 138 247790 05DUNTONLAKE 138 2	245476	05ROB PK34	247790	05DUNTONLAKE	2	138	205	AEP	323	451	Base Case	0	18.7	-	5.78	0	0.02%	0.02%	0.03%	
2458	243218 05DESOTO 345 243232 05SORENS 345 2	243218	05DESOTO	243232	05SORENS	2	345	205	AEP	971	971	Base Case	0	56	-	5.76	0	0.03%	0.03%	0.39%	
2459	242703 05LEON A 138 242790 05S.BUFFALO 138 1	242703	05LEON A	242790	05S.BUFFALO	1	138	205	AEP	296	296	Base Case	0	-17.1	-	5.76	0	0.04%	0.04%	0.21%	
2460	243287 05E.ELKHART 138 247541 05OSOLO2 138 1	243287	05E.ELKHART	247541	05OSOLO2	1	138	205	AEP	205	284	Base Case	0	11.8	-	5.75	0	0.04%	0.04%	0.02%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2461	238959 02MFLDQ4 138 238973 02MX Q-4 138 1	238959	02MFLDQ4	238973	02MX Q-4	1	138	202	ATSI	265	316	Base Case	0	-15.2	-	5.74	0	-0.14%	-0.14%	0.05%	
2462	238960 02MIDW K 138 239165 02WAUSEO 138 1	238960	02MIDW K	239165	02WAUSEO	1	138	202	ATSI	158	190	Base Case	0	9.1	-	5.74	0	0.08%	0.08%	0.01%	
2463	239192 02WALGRN 138 240988 02SHELBY_FS+ 138 1	239192	02WALGRN	240988	02SHELBY_FS+	1	138	202	ATSI	278	343	Base Case	0	16	-	5.74	0	0.03%	0.03%	-0.01%	
2464	238720 02FMCQ13 138 238726 02FMQ13H 138 1	238720	02FMCQ13	238726	02FMQ13H	1	138	202	ATSI	103	133	Base Case	0	5.9	-	5.73	0	0.00%	0.00%	0.00%	
2465	243918 05ELDERBERRY 345 244130 05ST.JOE CTR 345 1	243918	05ELDERBERRY	244130	05ST.JOE CTR	1	345	205	AEP	9999	9999	Base Case	0	-570.2	-	5.7	0	-0.36%	-0.36%	-0.36%	
2466	243243 05ANDCT 138 249781 08LAPLJT 138 1	243243	05ANDCT	249781	08LAPLJT	1	138	205/208	AEP/DEI	136	143	Base Case	0	7.7	-	5.69	0	-0.01%	-0.01%	-0.02%	
2467	239935 02MARKWEST 138 239943 02MKWEST2 138 1	239935	02MARKWEST	239943	02MKWEST2	1	138	202	ATSI	312	380	Base Case	0	-17.7	-	5.66	0	-0.68%	-0.68%	0.05%	
2468	243073 05PATRT8 138 246273 05THIVENR SS 138 1	243073	05PATRT8	246273	05THIVENR SS	1	138	205	AEP	95	95	Base Case	0	-5.4	-	5.66	0	0.00%	0.00%	0.00%	
2469	249992 08CDRVL1 138 250137 08OBANNV 138 1	249992	08CDRVL1	250137	08OBANNV	1	138	212	DEO&K	291	291	Base Case	0	16.5	-	5.66	0	0.03%	0.03%	0.03%	
2470	243458 05HYATT 345 247741 05HYATT SW2 345 Z2	243458	05HYATT	247741	05HYATT SW2	Z2	345	205	AEP	1370	1503	Base Case	0	-77.5	-	5.66	0	0.35%	0.35%	0.19%	
2471	238505 02DELTA 138 240842 02NFF 138 1	238505	02DELTA	240842	02NFF	1	138	202	ATSI	278	343	Base Case	0	15.7	-	5.64	0	0.07%	0.07%	0.00%	
2472	247019 05NEVILLE SS 138 247222 05DUPT_S 138 1	247019	05NEVILLE SS	247222	05DUPT_S	1	138	205	AEP	223	310	Base Case	0	12.6	-	5.64	0	0.00%	0.00%	0.00%	
2473	246399 05GLOBE MT Z 138 247373 05MUSKNG2A 138 ZU	246399	05GLOBE MT Z	247373	05MUSKNG2A	ZU	138	205	AEP	747	747	Base Case	0	-42.1	-	5.63	0	-0.10%	-0.10%	-0.06%	
2474	243498 05DLAWAR2 138 245962 05DLAWAR3 138 Z2	243498	05DLAWAR2	245962	05DLAWAR3	Z2	138	205	AEP	670	747	Base Case	0	37.7	-	5.63	0	-0.05%	-0.05%	-0.01%	
2475	242963 05HEDDSS 138 243011 05FULTON 138 1	242963	05HEDDSS	243011	05FULTON	1	138	205	AEP	191	250	Base Case	0	10.7	-	5.62	0	0.10%	0.10%	0.06%	
2476	242938 05MARQUI 345 248003 06DOE530 345 1	242938	05MARQUI	248003	06DOE530	1	345	205/206	AEP/OVEC	966	966	Base Case	0	-54.3	-	5.62	0	-0.38%	-0.38%	-0.55%	
2477	238556 02AYERSV 138 239269 02RICHLJ 138 1	238556	02AYERSV	239269	02RICHLJ	1	138	202	ATSI	216	264	Base Case	0	-12.1	-	5.62	0	0.00%	0.00%	0.00%	
2478	238657 02DBQ-14 138 238711 02EYTP14 138 1	238657	02DBQ-14	238711	02EYTP14	1	138	202	ATSI	273	332	Base Case	0	-15.3	-	5.62	0	0.00%	0.00%	0.00%	
2479	242575 05CAMDLM 138 242781 05RUSTBR 138 1	242575	05CAMDLM	242781	05RUSTBR	1	138	205	AEP	195	220	Base Case	0	11	-	5.62	0	0.00%	0.00%	0.00%	
2480	243253 05BLUFFP 138 243362 05RANDOL 138 1	243253	05BLUFFP	243362	05RANDOL	1	138	205	AEP	257	359	Base Case	0	-14.4	-	5.61	0	0.01%	0.01%	0.04%	
2481	238976 02N MED 345 239122 02STAR 345 1	238976	02N MED	239122	02STAR	1	345	202	ATSI	1413	1742	Base Case	0	-79	-	5.59	0	1.42%	1.42%	0.49%	
2482	243301 05GRANGE 138 243385 05TWIN B 138 1	243301	05GRANGE	243385	05TWIN B	1	138	205	AEP	296	361	Base Case	0	16.4	-	5.55	0	-0.02%	-0.02%	-0.04%	
2483	242510 05BAKER 765 242523 05BAKER 345 1	242510	05BAKER	242523	05BAKER	1	765/345	205	AEP	1587	1752	Base Case	0	-87.8	-	5.53	0	-0.34%	-0.34%	-0.68%	
2484	243875 05SOFTSH 138 246918 05BONNYM 138 1	243875	05SOFTSH	246918	05BONNYM	1	138	205	AEP	369	369	Base Case	0	20.4	-	5.52	0	0.04%	0.04%	0.04%	
2485	238856 02KH Q-3 138 238858 02KHTPQ3 138 1	238856	02KH Q-3	238858	02KHTPQ3	1	138	202	ATSI	355	434	Base Case	0	-19.6	-	5.52	0	0.00%	0.00%	0.00%	
2486	239132 02TALMDG 138 239170 02WESTGT 138 1	239132	02TALMDG	239170	02WESTGT	1	138	202	ATSI	278	287	Base Case	0	-15.3	-	5.51	0	0.05%	0.05%	-0.01%	
2487	242583 05CATAWB 138 242694 05KIMBAL 138 1	242583	05CATAWB	242694	05KIMBAL	1	138	205	AEP	205	205	Base Case	0	11.3	-	5.51	0	0.12%	0.12%	0.27%	
2488	243044 05MILLWO 138 247278 05MILL1Z 138 Z1	243044	05MILLWO	247278	05MILL1Z	Z1	138	205	AEP	164	178	Base Case	0	-9	-	5.5	0	0.00%	0.00%	0.00%	
2489	242625 05DINGES 138 242726 05MUDFRK 138 1	242625	05DINGES	242726	05MUDFRK	1	138	205	AEP	251	309	Base Case	0	13.8	-	5.49	0	-0.07%	-0.07%	-0.12%	
2490	242932 05CANTNC 345 242943 05SCANTO 345 1	242932	05CANTNC	242943	05SCANTO	1	345	205	AEP	1409	1409	Base Case	0	-77.1	-	5.47	0	-0.37%	-0.37%	0.49%	
2491	243497 05DELANO 138 246980 05DELAN8 138 1	243497	05DELANO	246980	05DELAN8	1	138	205	AEP	200	254	Base Case	0	10.9	-	5.46	0	0.00%	0.00%	0.00%	
2492	243288 05EGE 138 243326 05LAOTTO 138 1	243288	05EGE	243326	05LAOTTO	1	138	205	AEP	251	335	Base Case	0	-13.7	-	5.45	0	0.07%	0.07%	0.06%	
2493	243885 05THORSS 138 247714 05BROAD RUN 138 1	243885	05THORSS	247714	05BROAD RUN	1	138	205	AEP	257	360	Base Case	0	14	-	5.45	0	0.00%	0.00%	0.00%	
2494	243141 05WARNER 138 245697 05TORREY2 138 1	243141	05WARNER	245697	05TORREY2	1	138	205	AEP	205	284	Base Case	0	11.1	-	5.4	0	0.27%	0.27%	-0.04%	
2495	250093 08REDBK2 138 250103 08TBSCO1 138 1	250093	08REDBK2	250103	08TBSCO1	1	138	212	DEO&K	332	332	Base Case	0	17.9	-	5.39	0	-0.05%	-0.05%	-0.05%	
2496	246754 05FOWLER 345 246756 05FRCS-2 345 1	246754	05FOWLER	246756	05FRCS-2	1	345	205	AEP	1001	1503	Base Case	0	-53.9	-	5.39	0	-0.03%	-0.03%	-0.03%	
2497	243278 05DESOTO 138 243340 05MEDFOR 138 1	243278	05DESOTO	243340	05MEDFOR	1	138	205	AEP	187	240	Base Case	0	10.1	-	5.39	0	0.02%	0.02%	-0.03%	
2498	243284 05DUPONT 138 243366 05ROB PK12 138 1	243284	05DUPONT	243366	05ROB PK12	1	138	205	AEP	219	255	Base Case	0	11.8	-	5.38	0	-0.09%	-0.09%	-0.06%	
2499	243207 05GRNTWN 765 255204 17REYNOLDS 765 1	243207	05GRNTWN	255204	17REYNOLDS	1	765	205/217	AEP/NIPS	2669	2669	Base Case	0	-143.6	-	5.38	0	-0.65%	-0.65%	-0.54%	
2500	243575 05ST.CLR 138 243876 05ST.CXX 138 SR	243575	05ST.CLR	243876	05ST.CXX	SR	138	205	AEP	191	229	Base Case	0	10.3	-	5.37	0	0.05%	0.05%	-0.03%	
2501	244230 05SUNDAY SS 138 245420 05TRIMBLE 138 1	244230	05SUNDAY SS	245420	05TRIMBLE	1	138	205	AEP	158	183	Base Case	0	8.5	-	5.36	0	0.00%	0.00%	0.00%	
2502	245426 05BULLIT ST2 138 247846 05BULLIT ST1 138 Z1	245426	05BULLIT ST2	247846	05BULLIT ST1	Z1	138	205	AEP	586	683	Base Case	0	-31.4	-	5.35	0	-0.01%	-0.01%	-0.10%	
2503	238607 02CARLIL 345 238976 02N MED 345 1	238607	02CARLIL	238976	02N MED	1	345	202	ATSI	1560	1900	Base Case	0	83.5	-	5.35	0	-1.60%	-1.60%	-0.54%	
2504	238783 02HARDIN 345 238821 02INLAND 345 1	238783	02HARDIN	238821	02INLAND	1	345	202	ATSI	1555	1892	Base Case	0	83.1	-	5.34	0	-0.46%	-0.46%	0.16%	
2505	250011 08DERPK1 138 250115 08TP7482 138 1	250011	08DERPK1	250115	08TP7482	1	138	212	DEO&K	266	266	Base Case	0	14.2	-	5.33	0	0.00%	0.00%	0.00%	
2506	250002 08COOPER 138 250115 08TP7482 138 1	250002	08COOPER	250115	08TP7482	1	138	212	DEO&K	266	266	Base Case	0	-14.2	-	5.33	0	0.00%	0.00%	0.00%	
2507	245491 05BABBIT3-4 138 246177 05ANGUIN1-2 138 2	245491	05BABBIT3-4	246177	05ANGUIN1-2	2	138	205	AEP	996	996	Base Case	0	53.1	-	5.33	0	0.00%	0.00%	0.00%	
2508	245491 05BABBIT3-4 138 246177 05ANGUIN1-2 138 1	245491	05BABBIT3-4	246177	05ANGUIN1-2	1	138	205	AEP	996	996	Base Case	0	53.1	-	5.33	0	0.00%	0.00%	0.00%	
2509	246407 05CABIN CRK2 138 247792 05FIELDS CRK 138 1	246407	05CABIN CRK2	247792	05FIELDS CRK	1	138	205	AEP	729	729	Base Case	0	-38.8	-	5.32	0	-0.09%	-0.09%	-0.17%	
2510	242941 05OHIOCT 345 243454 05BIXBY 345 1	242941	05OHIOCT	243454	05BIXBY	1	345	205	AEP	1409	1868	Base Case	0	74.9	-	5.32	0	0.36%	0.36%	-0.16%	
2511	242609 05CLYTR2 138 242610 05CLYTR3 138 Z1	242609	05CLYTR2	242610	05CLYTR3	Z1	138	205	AEP	287	337	Base Case	0	-15.3	-	5.32	0	0.09%	0.09%	0.40%	
2512	239145 02REPVINE 138 239730 02REPARC 138 1	239145	02REPVINE	239730	02REPARC	1	138	202	ATSI	160	192	Base Case	0	-8.5	-	5.31	0	0.00%	0.00%	0.00%	
2513	238838 02JIQ-11 138 238848 02JRDQ11 138 1	238838	02JIQ-11	238848	02JRDQ11	1	138	202	ATSI	265	316	Base Case	0	-14.1	-	5.3	0	-0.08%	-0.08%	0.03%	
2514	238509 02FREY 138 238884 02LEMO K 138 1	238509	02FREY	238884	02LEMO K	1	138	202	ATSI	241	292	Base Case	0	12.8	-	5.3	0	-0.03%	-0.03%	-0.04%	
2515	239108 02SHNROK 138 239279 02CONCST 138 1	239108	02SHNROK	239279	02CONCST	1	138	202	ATSI	220	268	Base Case	0	11.6	-	5.29	0	-0.23%	-0.23%	-0.04%	
2516	243021 05HNG RK 138 243968 05IRONWOODSS 138 1	243021	05HNG RK	243968	05IRONWOODSS	1	138	205	AEP	223	310	Base Case	0	-11.8	-	5.28	0	0.00%	0.00%	-0.01%	
2517	238511 02GMC-J 138 239269 02RICHLJ 138 1	238511	02GMC-J	239269	02RICHLJ	1	138	202	ATSI	216	264	Base Case	0	-11.4	-	5.27	0	0.00%	0.00%	0.00%	
2518	242650 05GLENL1 138 242666 05HAZELH 138 1	242650	05GLENL1	242666	05HAZELH	1	138	205	AEP	134	169	Base Case	0	-7.1	-	5.26	0	0.07%	0.07%	0.29%	
2519	239045 02PN Q-1 138 239047 02PN TP 138 1	239045	02PN Q-1	239047	02PN TP	1	138	202	ATSI	265	316	Base Case	0	13.9	-	5.26	0	0.00%	0.00%	0.00%	
2520	242671 05HOPKIN 138 247242 05CHAPSS 138 1	242671	05HOPKIN	247242	05CHAPSS	1	138	205	AEP	389	559	Base Case	0	20.4	-	5.25	0	0.03%	0.03%	-0.17%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2521	253006 09BATH 345 253027 09GREENE 345 1	253006	09BATH	253027	09GREENE	1	345	209	DAY	1255	1374	Base Case	0	-65.7	-	5.24	0	0.48%	0.48%	0.36%	
2522	241926 02ASTORQ14 138 241930 02AVQ4 138 1	241926	02ASTORQ14	241930	02AVQ4	1	138	202	ATSI	273	332	Base Case	0	-14.3	-	5.22	0	0.14%	0.14%	0.00%	
2523	238773 02GTQ-13 138 238794 02HDGQ13 138 1	238773	02GTQ-13	238794	02HDGQ13	1	138	202	ATSI	273	332	Base Case	0	-14.3	-	5.22	0	0.06%	0.06%	0.01%	
2524	242924 05HANG R 765 242929 05NPROCT 765 1	242924	05HANG R	242929	05NPROCT	1	765	205	AEP	4142	4142	Base Case	0	213.9	-	5.16	0	-2.29%	-2.29%	-1.13%	
2525	243205 05COOK 765 243215 05COOK 345 4	243205	05COOK	243215	05COOK	4	765/345	205	AEP	1740	1868	Base Case	0	-89.8	-	5.16	0	-0.05%	-0.05%	-0.47%	
2526	242661 05HALES1 138 242794 05SHACKM 138 1	242661	05HALES1	242794	05SHACKM	1	138	205	AEP	296	392	Base Case	0	15.3	-	5.16	0	-0.06%	-0.06%	-0.17%	
2527	250032 08FRFLD1 138 250041 08HAMLTN 138 1	250032	08FRFLD1	250041	08HAMLTN	1	138	212	DEO&K	298	298	Base Case	0	15.4	-	5.15	0	-0.01%	-0.01%	0.00%	
2528	243229 05OLIVE 345 255205 17REYNOLDS 345 1	243229	05OLIVE	255205	17REYNOLDS	1	345	205/217	AEP/NIPS	971	1414	Base Case	0	-50	-	5.15	0	0.26%	0.26%	0.43%	
2529	243229 05OLIVE 345 255205 17REYNOLDS 345 2	243229	05OLIVE	255205	17REYNOLDS	2	345	205/217	AEP/NIPS	971	1419	Base Case	0	-50	-	5.15	0	0.26%	0.26%	0.43%	
2530	243305 05HACIEN 138 243306 05HARPER 138 1	243305	05HACIEN	243306	05HARPER	1	138	205	AEP	219	255	Base Case	0	11.2	-	5.13	0	-0.03%	-0.03%	-0.02%	
2531	243352 05NTRDAM 138 243370 05S.BEND1 138 1	243352	05NTRDAM	243370	05S.BEND1	1	138	205	AEP	257	330	Base Case	0	13.1	-	5.09	0	-0.09%	-0.09%	-0.06%	
2532	250122 08WARRN1 138 250123 08WARRN2 138 Z1	250122	08WARRN1	250123	08WARRN2	Z1	138	212	DEO&K	275	275	Base Case	0	14	-	5.08	0	0.01%	0.01%	0.02%	
2533	243206 05DUMONT 765 243207 05GRNTWN 765 1	243206	05DUMONT	243207	05GRNTWN	1	765	205	AEP	4558	5001	Base Case	0	-231.4	-	5.08	0	1.38%	1.38%	2.35%	
2534	246885 05MOORE HOLW 138 246915 05PRINCESS 138 1	246885	05MOORE HOLW	246915	05PRINCESS	1	138	205	AEP	296	413	Base Case	0	15	-	5.08	0	0.02%	0.02%	0.03%	
2535	238684 02EASTLK 345 239358 02GLENWILLOW 345 1	238684	02EASTLK	239358	02GLENWILLOW	1	345	202	ATSI	1542	1878	Base Case	0	-78.2	-	5.07	0	-0.68%	-0.68%	0.30%	
2536	238818 02ILQ-11 138 239118 02SSPQ11 138 1	238818	02ILQ-11	239118	02SSPQ11	1	138	202	ATSI	273	332	Base Case	0	13.8	-	5.05	0	-0.06%	-0.06%	0.02%	
2537	238868 02KPQ-13 138 238870 02KY Q-3 138 1	238868	02KPQ-13	238870	02KY Q-3	1	138	202	ATSI	347	423	Base Case	0	17.4	-	5.02	0	0.00%	0.00%	0.00%	
2538	242957 05BASEL8 138 243080 05RILEYC 138 1	242957	05BASEL8	243080	05RILEYC	1	138	205	AEP	140	140	Base Case	0	-7	-	5.02	0	0.00%	0.00%	0.00%	
2539	250004 08CRNEL1 138 250005 08CRNEL4 138 Z1	250004	08CRNEL1	250005	08CRNEL4	Z1	138	212	DEO&K	309	349	Base Case	0	15.5	-	5.01	0	0.00%	0.00%	0.00%	
2540	238512 02GMC-K 138 239070 02RICHLD 138 1	238512	02GMC-K	239070	02RICHLD	1	138	202	ATSI	216	229	Base Case	0	-10.8	-	5	0	0.00%	0.00%	0.00%	
2541	243459 05KIRK 345 243855 05JUG ST 345 1	243459	05KIRK	243855	05JUG ST	1	345	205	AEP	958	1123	Base Case	0	-47.6	-	4.97	0	0.36%	0.36%	-0.08%	
2542	242518 05BROADF 500 242511 05BROADF 765 4	242518	05BROADF	242511	05BROADF	4	500/765	205	AEP	1710	1920	Base Case	0	84.9	-	4.96	0	-1.29%	-1.29%	0.12%	
2543	243235 0523RD 138 243395 05WESTINGHS 138 1	243235	0523RD	243395	05WESTINGHS	1	138	205	AEP	205	205	Base Case	0	10.1	-	4.95	0	0.01%	0.01%	0.00%	
2544	243857 05COFFEE 138 246229 05REUSENS2 138 1	243857	05COFFEE	246229	05REUSENS2	1	138	205	AEP	167	220	Base Case	0	8.3	-	4.95	0	-0.01%	-0.01%	-0.23%	
2545	239030 02OTTAWA 138 239140 02TOUSNT 138 1	239030	02OTTAWA	239140	02TOUSNT	1	138	202	ATSI	235	288	Base Case	0	-11.6	-	4.94	0	-0.16%	-0.16%	-0.02%	
2546	243281 05DRAGNZ 138 243385 05TWIN B 138 1	243281	05DRAGNZ	243385	05TWIN B	1	138	205	AEP	219	251	Base Case	0	10.8	-	4.94	0	-0.05%	-0.05%	-0.03%	
2547	243338 05MCKINLEY3 138 244935 05MCKINLEY1 138 ZT	243338	05MCKINLEY3	244935	05MCKINLEY1	ZT	138	205	AEP	348	407	Base Case	0	-17.2	-	4.93	0	0.03%	0.03%	0.03%	
2548	243512 05DIAMONDISS 138 246370 05HUNTLEY2 138 1	243512	05DIAMONDISS	246370	05HUNTLEY2	1	138	205	AEP	191	229	Base Case	0	-9.4	-	4.92	0	-0.01%	-0.01%	-0.02%	
2549	243453 05BEATTY 345 243454 05BIXBY 345 1	243453	05BEATTY	243454	05BIXBY	1	345	205	AEP	1096	1203	Base Case	0	-53.6	-	4.89	0	1.30%	1.30%	0.45%	
2550	242675 05HUFFMN 138 242848 05WILLGP 138 1	242675	05HUFFMN	242848	05WILLGP	1	138	205	AEP	296	398	Base Case	0	14.5	-	4.89	0	0.00%	0.00%	0.00%	
2551	238867 02KPQ-12 138 238869 02KY Q-1 138 1	238867	02KPQ-12	238869	02KY Q-1	1	138	202	ATSI	355	434	Base Case	0	17.3	-	4.88	0	0.00%	0.00%	0.00%	
2552	243141 05WARNER 138 245201 05RTI 138 1	243141	05WARNER	245201	05RTI	1	138	205	AEP	195	220	Base Case	0	9.5	-	4.87	0	0.00%	0.00%	0.00%	
2553	243308 05HICKRY CK1 138 243350 05NICKER 138 1	243308	05HICKRY CK1	243350	05NICKER	1	138	205	AEP	164	180	Base Case	0	8	-	4.86	0	-0.02%	-0.02%	-0.02%	
2554	238959 02MFLDQ4 138 239017 02NT Q16 138 1	238959	02MFLDQ4	239017	02NT Q16	1	138	202	ATSI	265	316	Base Case	0	12.8	-	4.83	0	-0.02%	-0.02%	0.01%	
2555	243381 05SUMMIT 138 245511 05INDUST PK2 138 1	243381	05SUMMIT	245511	05INDUST PK2	1	138	205	AEP	251	335	Base Case	0	-12.1	-	4.83	0	0.00%	0.00%	0.05%	
2556	249577 08ZIMER 345 249581 08MELDAL 345 1	249577	08ZIMER	249581	08MELDAL	1	345	212	DEO&K	1509	1509	Base Case	0	-72.6	-	4.81	0	0.41%	0.41%	0.59%	
2557	250045 08HEBRN1 138 250151 08HEBTAP 138 Z1	250045	08HEBRN1	250151	08HEBTAP	Z1	138	212	DEO&K	309	349	Base Case	0	-14.9	-	4.81	0	0.00%	0.00%	0.00%	
2558	250020 08ESTWD1 138 250021 08ESTWD2 138 Z1	250020	08ESTWD1	250021	08ESTWD2	Z1	138	212	DEO&K	406	454	Base Case	0	19.5	-	4.81	0	-0.04%	-0.04%	-0.04%	
2559	238631 02CNTRAL 138 238748 02GARDEN 138 1	238631	02CNTRAL	238748	02GARDEN	1	138	202	ATSI	157	196	Base Case	0	7.5	-	4.8	0	0.04%	0.04%	0.00%	
2560	250016 08EBNZR 138 250061 08MDWAY2 138 1	250016	08EBNZR	250061	08MDWAY2	1	138	212	DEO&K	266	266	Base Case	0	12.8	-	4.8	0	-0.03%	-0.03%	0.01%	
2561	243342 05MILAN 138 247167 05MICHN2 138 1	243342	05MILAN	247167	05MICHN2	1	138	205	AEP	167	245	Base Case	0	8	-	4.79	0	0.00%	0.00%	0.00%	
2562	243342 05MILAN 138 247166 05MICHN1 138 1	243342	05MILAN	247166	05MICHN1	1	138	205	AEP	167	245	Base Case	0	8	-	4.79	0	0.00%	0.00%	0.00%	
2563	238839 02JIQ-14 138 238849 02JRDQ14 138 1	238839	02JIQ-14	238849	02JRDQ14	1	138	202	ATSI	265	316	Base Case	0	12.7	-	4.79	0	0.13%	0.13%	-0.05%	
2564	242915 05STANVILLE2 138 243698 05MORGFK 138 1	242915	05STANVILLE2	243698	05MORGFK	1	138	205	AEP	223	310	Base Case	0	-10.7	-	4.78	0	0.00%	0.00%	0.17%	
2565	242546 05BAILS1 138 242547 05BAILS2 138 Z1	242546	05BAILS1	242547	05BAILS2	Z1	138	205	AEP	335	392	Base Case	0	-16	-	4.78	0	0.03%	0.03%	0.11%	
2566	243390 05WAYNED 138 244935 05MCKINLEY1 138 1	243390	05WAYNED	244935	05MCKINLEY1	1	138	205	AEP	251	251	Base Case	0	-12	-	4.78	0	-0.05%	-0.05%	-0.02%	
2567	243464 05ADAMS 138 243571 05SEAMAN 138 1	243464	05ADAMS	243571	05SEAMAN	1	138	205	AEP	296	413	Base Case	0	14.1	-	4.77	0	0.08%	0.08%	0.06%	
2568	250084 08PARK1 138 250085 08PARK2 138 Z1	250084	08PARK1	250085	08PARK2	Z1	138	212	DEO&K	394	394	Base Case	0	-18.8	-	4.77	0	0.06%	0.06%	0.06%	
2569	242805 05HATCHR 138 242806 05SPDWY 138 1	242805	05HATCHR	242806	05SPDWY	1	138	205	AEP	205	205	Base Case	0	9.8	-	4.77	0	0.00%	0.00%	0.00%	
2570	243671 05BEAVER CR1 138 244688 05BEAVER CR2 138 ZP	243671	05BEAVER CR1	244688	05BEAVER CR2	ZP	138	205	AEP	348	369	Base Case	0	16.6	-	4.76	0	0.07%	0.07%	0.05%	
2571	242539 05ANGLBR 138 242655 05GRASFK 138 1	242539	05ANGLBR	242655	05GRASFK	1	138	205	AEP	158	183	Base Case	0	7.5	-	4.75	0	0.00%	0.00%	0.00%	
2572	235205 01KRENDL 138 239099 02SENECA 138 1	235205	01KRENDL	239099	02SENECA	1	138	201/202	AP/ATSI	267	352	Base Case	0	12.7	-	4.75	0	0.68%	0.68%	-0.05%	
2573	243001 05EZANEV 138 243074 05PHILO1 138 1	243001	05EZANEV	243074	05PHILO1	1	138	205	AEP	187	240	Base Case	0	-8.9	-	4.74	0	0.13%	0.13%	0.05%	
2574	243229 05OLIVE 345 274804 UNIV PK N;RP 345 1	243229	05OLIVE	274804	UNIV PK N;RP	1	345	205/222	AEP/CE	971	971	Base Case	0	45.9	-	4.73	0	1.00%	1.00%	0.75%	
2575	243239 05ROCKP WRK1 138 243785 05AKSTL 138 1	243239	05ROCKP WRK1	243785	05AKSTL	1	138	205	AEP	388	388	Base Case	0	18.3	-	4.73	0	0.00%	0.00%	0.00%	
2576	243240 05ROCKP WRK2 138 243785 05AKSTL 138 1	243240	05ROCKP WRK2	243785	05AKSTL	1	138	205	AEP	388	388	Base Case	0	18.3	-	4.73	0	0.00%	0.00%	0.00%	
2577	242809 05SPRIG1 138 246316 05STONE 138 1	242809	05SPRIG1	246316	05STONE	1	138	205	AEP	262	332	Base Case	0	12.4	-	4.72	0	0.09%	0.09%	0.03%	
2578	239098 02SBRNQ4 138 239115 02SP Q-4 138 1	239098	02SBRNQ4	239115	02SP Q-4	1	138	202	ATSI	148	151	Base Case	0	-7	-	4.72	0	-0.19%	-0.19%	0.04%	
2579	242574 05CABIN CRK1 138 242596 05CHESTR 138 1	242574	05CABIN CRK1	242596	05CHESTR	1	138	205	AEP	729	729	Base Case	0	-34.3	-	4.71	0	-0.07%	-0.07%	-0.19%	
2580	243272 05DALEVI 138 243340 05MEDFOR 138 1	243272	05DALEVI	243340	05MEDFOR	1	138	205	AEP	187	233	Base Case	0	8.7	-	4.68	0	-0.02%	-0.02%	0.04%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2581	241901 02LALLENDORF 345 241949 AB1-107 POI 345 1	241901	02LALLENDORF	241949	AB1-107 POI	1	345	202	ATSI	9999	9999	Base Case	0	-465.9	-	4.66	0	-0.29%	-0.29%	-0.29%	
2582	246912 05N MKT8 138 247035 05NMARSS 138 1	246912	05N MKT8	247035	05NMARSS	1	138	205	AEP	195	220	Base Case	0	-9.1	-	4.65	0	0.00%	0.00%	0.00%	
2583	238839 02JIQ-14 138 238860 02KIQ-14 138 1	238839	02JIQ-14	238860	02KIQ-14	1	138	202	ATSI	273	332	Base Case	0	-12.7	-	4.65	0	0.13%	0.13%	-0.05%	
2584	249990 08BROWN 138 250021 08ESTWD2 138 1	249990	08BROWN	250021	08ESTWD2	1	138	212	DEO&K	301	301	Base Case	0	14	-	4.64	0	0.04%	0.04%	0.04%	
2585	238774 02GTQ-14 138 238795 02HDGQ14 138 1	238774	02GTQ-14	238795	02HDGQ14	1	138	202	ATSI	273	332	Base Case	0	-12.6	-	4.63	0	0.08%	0.08%	-0.01%	
2586	238774 02GTQ-14 138 238791 02HCQ-14 138 1	238774	02GTQ-14	238791	02HCQ-14	1	138	202	ATSI	273	332	Base Case	0	12.6	-	4.63	0	0.08%	0.08%	-0.01%	
2587	242661 05HALES1 138 242662 05HALES2 138 Z1	242661	05HALES1	242662	05HALES2	Z1	138	205	AEP	335	392	Base Case	0	15.5	-	4.62	0	-0.05%	-0.05%	0.15%	
2588	270139 AA2-116_TAP2 345 270140 AA2-116_POI 345 1	270139	AA2-116_TAP2	270140	AA2-116_POI	1	345	205	AEP	9999	9999	Base Case	0	-459.7	-	4.6	0	-0.12%	-0.12%	-0.20%	
2589	244423 05JAMES RIVR 138 244446 05SOAPSTONE 138 1	244423	05JAMES RIVR	244446	05SOAPSTONE	1	138	205	AEP	167	167	Base Case	0	7.7	-	4.58	0	-0.30%	-0.30%	-0.65%	
2590	238623 02CLARK 138 239278 02BRDVIE 138 1	238623	02CLARK	239278	02BRDVIE	1	138	202	ATSI	278	339	Base Case	0	-12.7	-	4.58	0	0.06%	0.06%	0.01%	
2591	243252 05BIXLRT 138 243321 05KENDAL 138 1	243252	05BIXLRT	243321	05KENDAL	1	138	205	AEP	251	335	Base Case	0	-11.5	-	4.58	0	-0.05%	-0.05%	-0.03%	
2592	244935 05MCKINLEY1 138 244936 05MCKINLEY2 138 ZC	244935	05MCKINLEY1	244936	05MCKINLEY2	ZC	138	205	AEP	695	695	Base Case	0	-31.8	-	4.58	0	-0.02%	-0.02%	0.01%	
2593	238544 02ASH_3 138 239182 02ZNQ-16 138 1	238544	02ASH_3	239182	02ZNQ-16	1	138	202	ATSI	275	333	Base Case	0	12.5	-	4.55	0	0.00%	0.00%	0.00%	
2594	238542 02ASH_1 138 238543 02ASH_2 138 ZB	238542	02ASH_1	238543	02ASH_2	ZB	138	202	ATSI	999	999	Base Case	0	-45.4	-	4.55	0	0.18%	0.18%	-0.03%	
2595	238864 02KNOX 138 239372 02HAGAN 138 1	238864	02KNOX	239372	02HAGAN	1	138	202	ATSI	278	339	Base Case	0	-12.6	-	4.53	0	0.13%	0.13%	0.00%	
2596	243574 05SUNBURY SS 138 243583 05TRENT 138 1	243574	05SUNBURY SS	243583	05TRENT	1	138	205	AEP	285	361	Base Case	0	-12.8	-	4.49	0	0.04%	0.04%	-0.01%	
2597	253046 09MIAMI 138 253106 09NCARLI 138 1	253046	09MIAMI	253106	09NCARLI	1	138	209	DAY	301	374	Base Case	0	13.5	-	4.48	0	-0.03%	-0.03%	-0.04%	
2598	242792 05SCOTSV 138 314746 4BREMO 138 1	242792	05SCOTSV	314746	4BREMO	1	138	205/345	AEP/DVP	167	167	Base Case	0	-7.5	-	4.48	0	0.30%	0.30%	0.65%	
2599	242656 05GRASSH 138 242774 05ROANO2 138 1	242656	05GRASSH	242774	05ROANO2	1	138	205	AEP	240	251	Base Case	0	10.7	-	4.47	0	-0.05%	-0.05%	0.40%	
2600	238523 02CHRYTE 138 240988 02SHELBY_FS+ 138 1	238523	02CHRYTE	240988	02SHELBY_FS+	1	138	202	ATSI	278	343	Base Case	0	12.4	-	4.46	0	-0.03%	-0.03%	0.01%	
2601	243509 05FISHRD 138 243582 05TRABUE 138 1	243509	05FISHRD	243582	05TRABUE	1	138	205	AEP	223	223	Base Case	0	9.9	-	4.46	0	-0.04%	-0.04%	0.00%	
2602	238685 02EASTLK 138 241921 02ELQ1 138 1	238685	02EASTLK	241921	02ELQ1	1	138	202	ATSI	999	999	Base Case	0	44.6	-	4.46	0	-0.06%	-0.06%	0.02%	
2603	242845 05WELCH 138 242854 05W.WELCH SS 138 1	242845	05WELCH	242854	05W.WELCH SS	1	138	205	AEP	251	251	Base Case	0	-11.2	-	4.45	0	0.00%	0.00%	0.00%	
2604	243571 05SEAMAN 138 247035 05NMARSS 138 1	243571	05SEAMAN	247035	05NMARSS	1	138	205	AEP	223	223	Base Case	0	9.9	-	4.44	0	0.07%	0.07%	0.05%	
2605	242521 05NAGEL 500 242532 05NAGEL 230 5	242521	05NAGEL	242532	05NAGEL	5	500/230	205	AEP	930	930	Base Case	0	41.1	-	4.42	0	-0.21%	-0.21%	-1.32%	
2606	242566 05BROADF 138 242788 05SALTV1 138 2	242566	05BROADF	242788	05SALTV1	2	138	205	AEP	219	251	Base Case	0	-9.7	-	4.42	0	-0.17%	-0.17%	-0.27%	
2607	242827 05TAZEWE 138 247029 05HORSPN 138 1	242827	05TAZEWE	247029	05HORSPN	1	138	205	AEP	334	334	Base Case	0	-14.7	-	4.41	0	0.00%	0.00%	-0.30%	
2608	238790 02HCQ-13 138 239119 02SSPQ13 138 1	238790	02HCQ-13	239119	02SSPQ13	1	138	202	ATSI	273	332	Base Case	0	12	-	4.4	0	-0.05%	-0.05%	-0.01%	
2609	239181 02ZNQ-15 138 239349 02MILCHM 138 1	239181	02ZNQ-15	239349	02MILCHM	1	138	202	ATSI	273	332	Base Case	0	-12	-	4.39	0	0.00%	0.00%	0.00%	
2610	253352 AB1-169 MAIN 345 253353 AB1-169 1 345 1	253352	AB1-169 MAIN	253353	AB1-169 1	1	345	209	DAY	9999	9999	Base Case	0	-438.3	-	4.38	0	-0.27%	-0.27%	-0.27%	
2611	253352 AB1-169 MAIN 345 253354 AB1-169 2 345 1	253352	AB1-169 MAIN	253354	AB1-169 2	1	345	209	DAY	9999	9999	Base Case	0	-438.3	-	4.38	0	-0.27%	-0.27%	-0.27%	
2612	242835 05TRISTA 138 246919 05CHADWICK2 138 2	242835	05TRISTA	246919	05CHADWICK2	2	138	205	AEP	219	255	Base Case	0	9.6	-	4.38	0	0.09%	0.09%	0.05%	
2613	242660 05H.RIDG 138 242743 05PARKHI 138 1	242660	05H.RIDG	242743	05PARKHI	1	138	205	AEP	146	167	Base Case	0	-6.4	-	4.36	0	-0.06%	-0.06%	-0.02%	
2614	243341 05MIER 138 249800 08MIER 138 Z1	243341	05MIER	249800	08MIER	Z1	138	205/208	AEP/DEI	167	167	Base Case	0	-7.3	-	4.35	0	0.00%	0.00%	0.00%	
2615	238710 02EYQ-14 138 238775 02GXQ-14 138 1	238710	02EYQ-14	238775	02GXQ-14	1	138	202	ATSI	339	405	Base Case	0	14.7	-	4.35	0	-0.15%	-0.15%	-0.02%	
2616	242609 05CLYTR2 138 247870 05CLAYTR HY2 138 2	242609	05CLYTR2	247870	05CLAYTR HY2	2	138	205	AEP	120	151	Base Case	0	-5.2	-	4.35	0	-0.02%	-0.02%	-0.04%	
2617	239145 02REPVINE 138 239739 02CROMWELL 138 1	239145	02REPVINE	239739	02CROMWELL	1	138	202	ATSI	233	282	Base Case	0	-10.1	-	4.34	0	0.00%	0.00%	0.00%	
2618	250007 08CRSNT1 138 250014 08DNLSN1 138 1	250007	08CRSNT1	250014	08DNLSN1	1	138	212	DEO&K	266	266	Base Case	0	-11.5	-	4.33	0	0.05%	0.05%	0.08%	
2619	243210 05SULLIVAN 765 247712 05SULLIVAN 345 2	243210	05SULLIVAN	247712	05SULLIVAN	2	765/345	205	AEP	2742	2865	Base Case	0	118.5	-	4.32	0	0.23%	0.23%	0.02%	
2620	238608 02CARLIL 138 239279 02CONCST 138 1	238608	02CARLIL	239279	02CONCST	1	138	202	ATSI	220	268	Base Case	0	-9.5	-	4.32	0	-0.23%	-0.23%	-0.04%	
2621	243299 05HYDRAMATIC 138 243345 05MOORPK 138 1	243299	05HYDRAMATIC	243345	05MOORPK	1	138	205	AEP	251	251	Base Case	0	10.8	-	4.31	0	0.01%	0.01%	0.01%	
2622	238575 02BLUBEL 138 239042 02PIDGON 138 1	238575	02BLUBEL	239042	02PIDGON	1	138	202	ATSI	177	233	Base Case	0	7.6	-	4.3	0	-0.15%	-0.15%	0.01%	
2623	242987 05DEXTER 138 244439 05MEIGS SW2Z 138 Z1	242987	05DEXTER	244439	05MEIGS SW2Z	Z1	138	205	AEP	158	183	Base Case	0	6.8	-	4.29	0	0.00%	0.00%	0.00%	
2624	243218 05DESOTO 345 243225 05KEYSTN 345 1	243218	05DESOTO	243225	05KEYSTN	1	345	205	AEP	897	897	Base Case	0	-38.4	-	4.29	0	-0.09%	-0.09%	-0.44%	
2625	242682 05JIM BRANCH 138 247151 05YUKON 138 1	242682	05JIM BRANCH	247151	05YUKON	1	138	205	AEP	296	413	Base Case	0	-12.6	-	4.26	0	-0.05%	-0.05%	0.04%	
2626	243781 05MITCHL FGD 138 246108 05KAMMER24 138 Z2	243781	05MITCHL FGD	246108	05KAMMER24	Z2	138	205	AEP	747	747	Base Case	0	-31.7	-	4.25	0	0.00%	0.00%	0.00%	
2627	243781 05MITCHL FGD 138 246108 05KAMMER24 138 Z1	243781	05MITCHL FGD	246108	05KAMMER24	Z1	138	205	AEP	747	747	Base Case	0	-31.7	-	4.25	0	0.00%	0.00%	0.00%	
2628	242578 05CARB Z 138 242836 05TURNE1 138 1	242578	05CARB Z	242836	05TURNE1	1	138	205	AEP	498	498	Base Case	0	-21.1	-	4.24	0	-0.02%	-0.02%	-0.01%	
2629	243298 05GM-FTW 138 244489 05FOGWELL 138 2	243298	05GM-FTW	244489	05FOGWELL	2	138	205	AEP	226	226	Base Case	0	-9.6	-	4.24	0	0.00%	0.00%	0.00%	
2630	243042 05MILLBR PK1 138 245948 05MILLBR PK2 138 Z1	243042	05MILLBR PK1	245948	05MILLBR PK2	Z1	138	205	AEP	219	255	Base Case	0	-9.3	-	4.23	0	-0.11%	-0.11%	-0.07%	
2631	243011 05FULTON 138 243148 05WINDFL 138 1	243011	05FULTON	243148	05WINDFL	1	138	205	AEP	191	250	Base Case	0	8.1	-	4.23	0	0.10%	0.10%	0.06%	
2632	243268 05COVNT 138 247132 05ELLISN 138 1	243268	05COVNT	247132	05ELLISN	1	138	205	AEP	205	284	Base Case	0	-8.6	-	4.22	0	0.00%	0.00%	0.00%	
2633	242926 05MALIS 765 246751 05VASSEL 765 1	242926	05MALIS	246751	05VASSEL	1	765	205	AEP	4142	4142	Base Case	0	173.4	-	4.19	0	-4.54%	-4.54%	-0.74%	
2634	238543 02ASH_2 138 239096 02SBRNQ2 138 1	238543	02ASH_2	239096	02SBRNQ2	1	138	202	ATSI	148	151	Base Case	0	6.2	-	4.17	0	0.18%	0.19%	-0.04%	
2635	239096 02SBRNQ2 138 239212 02AUSTQ2 138 1	239096	02SBRNQ2	239212	02AUSTQ2	1	138	202	ATSI	148	151	Base Case	0	6.2	-	4.17	0	0.18%	0.19%	-0.04%	
2636	238686 02ECTY F 138 238695 02ELW+ 138 1	238686	02ECTY F	238695	02ELW+	1	138	202	ATSI	160	192	Base Case	0	-6.7	-	4.16	0	0.00%	0.00%	0.00%	
2637	243497 05DELANO 138 243530 05KENWO2 138 1	243497	05DELANO	243530	05KENWO2	1	138	205	AEP	200	254	Base Case	0	8.3	-	4.14	0	0.00%	0.00%	0.00%	
2638	243570 05CLAYBN 138 247021 05KENWO1 138 1	243570	05CLAYBN	247021	05KENWO1	1	138	205	AEP	200	254	Base Case	0	8.3	-	4.14	0	0.00%	0.00%	0.00%	
2639	242807 05SPORN 138 246237 05THIVENER2Z 138 1	242807	05SPORN	246237	05THIVENER2Z	1	138	205	AEP	167	167	Base Case	0	6.9	-	4.12	0	0.03%	0.03%	-0.05%	
2640	242961 05BIGGRC 138 246945 05BIGR1Z 138 Z1	242961	05BIGGRC	246945	05BIGR1Z	Z1	138	205	AEP	205	205	Base Case	0	-8.4	-	4.11	0	0.00%	0.00%	0.00%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2641	243058 05NEWARK CTR 138 244871 05RIDGELY 138 1	243058	05NEWARK CTR	244871	05RIDGELY	1	138	205	AEP	292	328	Base Case	0	12	-	4.11	0	0.08%	0.08%	-0.04%	
2642	243018 05HEATH 138 245964 05N.NEWARK2 138 1	243018	05HEATH	245964	05N.NEWARK2	1	138	205	AEP	167	167	Base Case	0	6.9	-	4.1	0	-0.06%	-0.06%	0.07%	
2643	242587 05CELAN 138 242749 05PETERM 138 1	242587	05CELAN	242749	05PETERM	1	138	205	AEP	205	284	Base Case	0	-8.4	-	4.1	0	-0.11%	-0.11%	-0.25%	
2644	243040 05MERCERVL Z 138 246237 05THIVENER2Z 138 1	243040	05MERCERVL Z	246237	05THIVENER2Z	1	138	205	AEP	167	167	Base Case	0	-6.8	-	4.1	0	0.03%	0.03%	-0.05%	
2645	249582 08GARVER 345 249583 08NTEGEN 345 1	249582	08GARVER	249583	08NTEGEN	1	345	212	DEO&K	9999	9999	Base Case	0	-408.9	-	4.09	0	-0.26%	-0.26%	-0.26%	
2646	243478 05BRKSHR 138 243915 05BERRYWOOD 138 1	243478	05BRKSHR	243915	05BERRYWOOD	1	138	205	AEP	338	456	Base Case	0	-13.8	-	4.09	0	-0.04%	-0.04%	0.01%	
2647	242811 05SPRING 138 242851 05WOLFH2 138 1	242811	05SPRING	242851	05WOLFH2	1	138	205	AEP	167	240	Base Case	0	6.8	-	4.08	0	0.00%	0.00%	-0.14%	
2648	243380 05STDBKR 138 247828 05OLIVERPLOW 138 1	243380	05STDBKR	247828	05OLIVERPLOW	1	138	205	AEP	282	337	Base Case	0	11.5	-	4.08	0	0.03%	0.03%	0.02%	
2649	253029 09GRNVIL 138 253089 09WMILTN 138 1	253029	09GRNVIL	253089	09WMILTN	1	138	209	DAY	165	165	Base Case	0	-6.7	-	4.06	0	0.06%	0.06%	0.07%	
2650	243155 05W.NEWTONSS 138 245856 05W.NEWTON8 138 Z1	243155	05W.NEWTONSS	245856	05W.NEWTON8	Z1	138	205	AEP	97	97	Base Case	0	3.9	-	4.06	0	0.00%	0.00%	0.00%	
2651	270138 AA2-116_TAP1 345 270140 AA2-116_POI 345 1	270138	AA2-116_TAP1	270140	AA2-116_POI	1	345	205	AEP	9999	9999	Base Case	0	-405.6	-	4.06	0	-0.42%	-0.42%	-0.34%	
2652	242794 05SHACKM 138 247149 05WHITWD 138 1	242794	05SHACKM	247149	05WHITWD	1	138	205	AEP	296	398	Base Case	0	-12	-	4.04	0	0.06%	0.06%	0.17%	
2653	243395 05WESTINGHS 138 246318 05FUSON 138 1	243395	05WESTINGHS	246318	05FUSON	1	138	205	AEP	205	205	Base Case	0	8.2	-	4.02	0	0.01%	0.01%	0.00%	
2654	250142 08WARDSC 138 250157 08CORNTP 138 1	250142	08WARDSC	250157	08CORNTP	1	138	212	DEO&K	249	249	Base Case	0	10	-	4.02	0	0.02%	0.02%	0.03%	
2655	242518 05BROADF 500 360106 8SULLIVAN TN 500 1	242518	05BROADF	360106	8SULLIVAN TN	1	500	205/347	AEP/TVA	2119	2119	Base Case	0	-85	-	4.01	0	-1.29%	-1.29%	0.12%	
2656	240283 02LKSHQ3 138 240284 02LKSHQ4 138 1	240283	02LKSHQ3	240284	02LKSHQ4	1	138	202	ATSI	999	999	Base Case	0	-40	-	4.01	0	0.13%	0.13%	-0.01%	
2657	250068 08MPLKL1 138 250069 08MPLKL2 138 Z1	250068	08MPLKL1	250069	08MPLKL2	Z1	138	212	DEO&K	406	454	Base Case	0	16.3	-	4	0	-0.01%	-0.01%	0.00%	
2658	243676 05BELLF2 138 243699 05OXYGEN 138 1	243676	05BELLF2	243699	05OXYGEN	1	138	205	AEP	251	335	Base Case	0	10	-	3.98	0	0.00%	0.00%	0.00%	
2659	243273 05DARDEN 138 243370 05S.BEND1 138 1	243273	05DARDEN	243370	05S.BEND1	1	138	205	AEP	158	167	Base Case	0	6.2	-	3.92	0	-0.10%	-0.10%	-0.06%	
2660	243322 05KENZIE 138 244510 05BLOSSOM TR 138 1	243322	05KENZIE	244510	05BLOSSOM TR	1	138	205	AEP	136	167	Base Case	0	5.3	-	3.91	0	0.01%	0.01%	0.02%	
2661	238960 02MIDW K 138 238962 02MIDWAY 138 ZB	238960	02MIDW K	238962	02MIDWAY	ZB	138	202	ATSI	579	743	Base Case	0	-22.5	-	3.89	0	-0.02%	-0.02%	0.00%	
2662	243016 05HANTHR 138 243108 05STRLN1 138 1	243016	05HANTHR	243108	05STRLN1	1	138	205	AEP	185	185	Base Case	0	7.2	-	3.88	0	0.05%	0.05%	-0.05%	
2663	238855 02KH Q-1 138 238857 02KHTPQ1 138 1	238855	02KH Q-1	238857	02KHTPQ1	1	138	202	ATSI	355	434	Base Case	0	-13.7	-	3.87	0	0.00%	0.00%	0.00%	
2664	238558 02B+W AK 138 238581 02BRBRTN 138 1	238558	02B+W AK	238581	02BRBRTN	1	138	202	ATSI	66	66	Base Case	0	-2.5	-	3.86	0	0.00%	0.00%	0.00%	
2665	242585 05CAVE SPR1Z 138 242663 05HANCK1 138 1	242585	05CAVE SPR1Z	242663	05HANCK1	1	138	205	AEP	187	205	Base Case	0	7.2	-	3.85	0	0.05%	0.05%	0.36%	
2666	239070 02RICHLD 138 243029 05LCKWRD 138 1	239070	02RICHLD	243029	05LCKWRD	1	138	202/205	ATSI/AEP	216	223	Base Case	0	8.3	-	3.83	0	0.21%	0.21%	-0.07%	
2667	243137 05W.END FOS1 138 245422 05W.END FOS2 138 Z1	243137	05W.END FOS1	245422	05W.END FOS2	Z1	138	205	AEP	335	392	Base Case	0	-12.8	-	3.82	0	0.01%	0.01%	-0.09%	
2668	253025 09GIVENS 138 253044 09MECHAN 138 1	253025	09GIVENS	253044	09MECHAN	1	138	209	DAY	221	272	Base Case	0	-8.4	-	3.82	0	0.10%	0.10%	0.03%	
2669	243298 05GM-FTW 138 244489 05FOGWELL 138 3	243298	05GM-FTW	244489	05FOGWELL	3	138	205	AEP	226	226	Base Case	0	-8.6	-	3.82	0	0.00%	0.00%	0.00%	
2670	242627 05E.LYNC 138 242737 05OPOSSUMCK 138 1	242627	05E.LYNC	242737	05OPOSSUMCK	1	138	205	AEP	388	510	Base Case	0	14.8	-	3.81	0	0.01%	0.01%	-0.38%	
2671	243495 05DAVIDS 138 247873 05BRITTON 138 2	243495	05DAVIDS	247873	05BRITTON	2	138	205	AEP	296	398	Base Case	0	11.2	-	3.78	0	-0.01%	-0.01%	0.00%	
2672	243381 05SUMMIT 138 243389 05WALLEN 138 1	243381	05SUMMIT	243389	05WALLEN	1	138	205	AEP	251	335	Base Case	0	-9.5	-	3.78	0	0.00%	0.00%	-0.05%	
2673	242549 05BANSTR 138 314668 4BANISTR 138 Z1	242549	05BANSTR	314668	4BANISTR	Z1	138	205/345	AEP/DVP	219	255	Base Case	0	8.3	-	3.78	0	0.00%	0.00%	0.00%	
2674	243332 05LIQCAR 138 244143 05KUCHAR 138 1	243332	05LIQCAR	244143	05KUCHAR	1	138	205	AEP	251	335	Base Case	0	-9.5	-	3.77	0	0.00%	0.00%	0.00%	
2675	242581 05CARSWE 138 242582 05CARWLZ 138 1	242581	05CARSWE	242582	05CARWLZ	1	138	205	AEP	167	167	Base Case	0	-6.3	-	3.76	0	0.00%	0.00%	0.00%	
2676	243025 05JUNCTN 138 246021 05W.LANCAST2 138 1	243025	05JUNCTN	246021	05W.LANCAST2	1	138	205	AEP	167	167	Base Case	0	6.3	-	3.76	0	0.07%	0.07%	-0.03%	
2677	238529 02AIRPK+ 138 238623 02CLARK 138 1	238529	02AIRPK+	238623	02CLARK	1	138	202	ATSI	233	282	Base Case	0	-8.7	-	3.74	0	-0.07%	-0.07%	-0.02%	
2678	243116 05SUGARC 138 243135 05W DOVE 138 1	243116	05SUGARC	243135	05W DOVE	1	138	205	AEP	251	251	Base Case	0	-9.3	-	3.72	0	0.00%	0.00%	0.00%	
2679	239165 02WAUSEO 138 239347 02LEAR 138 1	239165	02WAUSEO	239347	02LEAR	1	138	202	ATSI	278	343	Base Case	0	10.3	-	3.71	0	-0.07%	-0.07%	0.00%	
2680	243048 05N WALD 138 244566 05LA RUE 138 1	243048	05N WALD	244566	05LA RUE	1	138	205	AEP	158	180	Base Case	0	-5.8	-	3.7	0	-0.09%	-0.09%	-0.05%	
2681	244198 05LEMASTER 138 247097 05LEMASTERT1 138 Z1	244198	05LEMASTER	247097	05LEMASTERT1	Z1	138	205	AEP	158	183	Base Case	0	5.8	-	3.69	0	0.00%	0.00%	0.00%	
2682	243138 05W.LIBERTYZ 138 246376 05W.LIBERTY 138 Z1	243138	05W.LIBERTYZ	246376	05W.LIBERTY	Z1	138	205	AEP	97	97	Base Case	0	3.6	-	3.69	0	0.00%	0.00%	0.00%	
2683	243330 05LINCOLN1 138 245832 05LINCOLN2 138 Z1	243330	05LINCOLN1	245832	05LINCOLN2	Z1	138	205	AEP	335	392	Base Case	0	12.3	-	3.69	0	0.02%	0.02%	0.02%	
2684	242566 05BROADF 138 242789 05SALTV2 138 1	242566	05BROADF	242789	05SALTV2	1	138	205	AEP	219	251	Base Case	0	-8.1	-	3.68	0	-0.14%	-0.14%	-0.23%	
2685	243318 05JACKSON RD 138 247147 05JACKSR T4 138 Z1	243318	05JACKSON RD	247147	05JACKSR T4	Z1	138	205	AEP	164	205	Base Case	0	6	-	3.65	0	0.00%	0.00%	0.00%	
2686	238752 02GF Q-1 138 238753 02GFQ-11 138 1	238752	02GF Q-1	238753	02GFQ-11	1	138	202	ATSI	278	287	Base Case	0	-10.1	-	3.65	0	0.00%	0.00%	0.00%	
2687	238752 02GF Q-1 138 238755 02GFQ-2 138 ZB	238752	02GF Q-1	238755	02GFQ-2	ZB	138	202	ATSI	278	287	Base Case	0	10.1	-	3.65	0	0.00%	0.00%	0.00%	
2688	239730 02REPARC 138 239739 02CROMWELL 138 1	239730	02REPARC	239739	02CROMWELL	1	138	202	ATSI	233	282	Base Case	0	-8.5	-	3.64	0	0.00%	0.00%	0.00%	
2689	243558 05RIO 138 243561 05RODNEY SS 138 1	243558	05RIO	243561	05RODNEY SS	1	138	205	AEP	150	212	Base Case	0	5.5	-	3.64	0	-0.01%	-0.01%	-0.02%	
2690	238922 02LTEQ12 138 239225 02STYDCO 138 1	238922	02LTEQ12	239225	02STYDCO	1	138	202	ATSI	425	522	Base Case	0	15.4	-	3.63	0	-0.02%	-0.02%	0.00%	
2691	239312 02NS-YORK 138 240842 02NFF 138 1	239312	02NS-YORK	240842	02NFF	1	138	202	ATSI	278	343	Base Case	0	-10	-	3.61	0	0.07%	0.07%	0.00%	
2692	242638 05FIELDALE1 138 242797 05SHEFLD 138 1	242638	05FIELDALE1	242797	05SHEFLD	1	138	205	AEP	158	167	Base Case	0	-5.7	-	3.61	0	0.01%	0.01%	0.46%	
2693	242677 05INDDRV 138 245220 05W.KINGSPT2 138 1	242677	05INDDRV	245220	05W.KINGSPT2	1	138	205	AEP	251	335	Base Case	0	-9	-	3.6	0	0.02%	0.02%	0.02%	
2694	238713 02FB Q-1 138 239049 02PV Q1 138 1	238713	02FB Q-1	239049	02PV Q1	1	138	202	ATSI	267	332	Base Case	0	-9.6	-	3.6	0	0.18%	0.18%	0.03%	
2695	253011 09CARGIL 138 253053 09NEEDMO 138 1	253011	09CARGIL	253053	09NEEDMO	1	138	209	DAY	196	241	Base Case	0	7	-	3.6	0	0.00%	0.00%	-0.01%	
2696	243878 05MEADOW 345 246974 05MLCS-1 345 Z1	243878	05MEADOW	246974	05MLCS-1	Z1	345	205	AEP	1286	1747	Base Case	0	-46.2	-	3.59	0	-0.03%	-0.03%	-0.03%	
2697	242659 05GRNGST 138 243669 05B SAND 138 1	242659	05GRNGST	243669	05B SAND	1	138	205	AEP	397	397	Base Case	0	-14.2	-	3.58	0	0.06%	0.06%	0.20%	
2698	238608 02CARLIL 138 238749 02GATES 138 1	238608	02CARLIL	238749	02GATES	1	138	202	ATSI	233	282	Base Case	0	8.3	-	3.58	0	0.05%	0.05%	0.02%	
2699	243292 05FALL C 138 249810 08NEWCAS 138 1	243292	05FALL C	249810	08NEWCAS	1	138	205/208	AEP/DEI	250	250	Base Case	0	-8.9	-	3.55	0	0.00%	0.00%	0.08%	
2700	239092 02SAMMIS 345 239368 02TORONTO 345 1	239092	02SAMMIS	239368	02TORONTO	1	345	202	ATSI	2504	2883	Base Case	0	88.7	-	3.54	0	-4.54%	-4.54%	-2.09%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2701	250063 08MHLTY1 138 250064 08MHLTY2 138 Z1	250063	08MHLTY1	250064	08MHLTY2	Z1	138	212	DEO&K	406	454	Base Case	0	-14.3	-	3.53	0	0.01%	0.01%	0.00%	
2702	238713 02FB Q-1 138 238739 02FWLSQ1 138 1	238713	02FB Q-1	238739	02FWLSQ1	1	138	202	ATSI	273	332	Base Case	0	9.6	-	3.52	0	0.18%	0.18%	0.03%	
2703	243325 05LANTRN 138 246318 05FUSON 138 1	243325	05LANTRN	246318	05FUSON	1	138	205	AEP	205	205	Base Case	0	7.2	-	3.51	0	-0.01%	-0.01%	0.00%	
2704	243048 05N WALD 138 243148 05WINDFL 138 1	243048	05N WALD	243148	05WINDFL	1	138	205	AEP	164	180	Base Case	0	-5.7	-	3.5	0	0.10%	0.10%	0.06%	
2705	245977 05GRISTMILL 345 253069 09SHELBY 345 1	245977	05GRISTMILL	253069	09SHELBY	1	345	205/209	AEP/DAY	1255	1374	Base Case	0	43.9	-	3.5	0	0.44%	0.44%	-0.26%	
2706	245264 05UTICA CAD 138 247461 05FREEBYRD 138 Z1	245264	05UTICA CAD	247461	05FREEBYRD	Z1	138	205	AEP	293	341	Base Case	0	-10.3	-	3.5	0	0.00%	0.00%	0.00%	
2707	245264 05UTICA CAD 138 247461 05FREEBYRD 138 Z3	245264	05UTICA CAD	247461	05FREEBYRD	Z3	138	205	AEP	293	341	Base Case	0	-10.3	-	3.5	0	0.00%	0.00%	0.00%	
2708	242510 05BAKER 765 242523 05BAKER 345 3	242510	05BAKER	242523	05BAKER	3	765/345	205	AEP	2512	2788	Base Case	0	-87.8	-	3.49	0	-0.34%	-0.34%	-0.68%	
2709	243298 05GM-FTW 138 244489 05FOGWELL 138 1	243298	05GM-FTW	244489	05FOGWELL	1	138	205	AEP	226	226	Base Case	0	-7.8	-	3.47	0	0.00%	0.00%	0.00%	
2710	242915 05STANVILLE2 138 244008 05STANVILLE1 138 Z1	242915	05STANVILLE2	244008	05STANVILLE1	Z1	138	205	AEP	548	601	Base Case	0	-19	-	3.46	0	-0.01%	-0.01%	-0.17%	
2711	238858 02KHTPQ3 138 238863 02KL Q-3 138 1	238858	02KHTPQ3	238863	02KL Q-3	1	138	202	ATSI	273	332	Base Case	0	9.4	-	3.46	0	0.00%	0.00%	0.00%	
2712	242997 05E.NEWCONCZ 138 245251 05E.NEWCONC 138 Z1	242997	05E.NEWCONCZ	245251	05E.NEWCONC	Z1	138	205	AEP	150	212	Base Case	0	5.2	-	3.45	0	0.00%	0.00%	0.00%	
2713	240214 02PENNANTTAP 138 240216 02PENNANT 138 1	240214	02PENNANTTAP	240216	02PENNANT	1	138	202	ATSI	160	192	Base Case	0	5.5	-	3.44	0	0.00%	0.00%	0.00%	
2714	243037 05MEIGS SS 138 244431 05MEIGS 8 138 Z1	243037	05MEIGS SS	244431	05MEIGS 8	Z1	138	205	AEP	95	95	Base Case	0	3.3	-	3.43	0	0.00%	0.00%	0.00%	
2715	243324 05LAFAY8 138 244183 05LAFAY C SS 138 Z1	243324	05LAFAY8	244183	05LAFAY C SS	Z1	138	205	AEP	251	335	Base Case	0	-8.6	-	3.41	0	0.00%	0.00%	0.00%	
2716	250105 08TDHNTR 138 250162 08GARVER 138 1	250105	08TDHNTR	250162	08GARVER	1	138	212	DEO&K	516	582	Base Case	0	17.5	-	3.4	0	-0.04%	-0.04%	-0.02%	
2717	243495 05DAVIDS 138 246603 05DAVID T1T2 138 Z2	243495	05DAVIDS	246603	05DAVID T1T2	Z2	138	205	AEP	670	747	Base Case	0	22.6	-	3.38	0	0.00%	0.00%	0.00%	
2718	250038 08GOLFMR 138 250118 08TRMNL2 138 1	250038	08GOLFMR	250118	08TRMNL2	1	138	212	DEO&K	299	299	Base Case	0	-10.1	-	3.37	0	-0.03%	-0.03%	-0.03%	
2719	238719 02FMCQ12 138 238725 02FMQ12H 138 1	238719	02FMCQ12	238725	02FMQ12H	1	138	202	ATSI	176	216	Base Case	0	5.9	-	3.36	0	0.00%	0.00%	0.00%	
2720	243253 05BLUFFP 138 247536 05BLUFF P WF 138 1	243253	05BLUFFP	247536	05BLUFF P WF	1	138	205	AEP	572	572	Base Case	0	-19.2	-	3.35	0	-0.01%	-0.01%	-0.01%	
2721	243471 05BETHEL 138 243495 05DAVIDS 138 1	243471	05BETHEL	243495	05DAVIDS	1	138	205	AEP	335	366	Base Case	0	11.2	-	3.35	0	0.02%	0.02%	0.01%	
2722	242935 05E LIMA 345 242936 05FOSTOR 345 1	242935	05E LIMA	242936	05FOSTOR	1	345	205	AEP	1025	1318	Base Case	0	-34.1	-	3.33	0	0.62%	0.62%	-0.62%	
2723	243002 05FAIRCR 138 243092 05SCANTO 138 1	243002	05FAIRCR	243092	05SCANTO	1	138	205	AEP	291	291	Base Case	0	9.7	-	3.33	0	0.16%	0.16%	-0.05%	
2724	247372 05MUSKNG1C 138 247374 05MUSKNG2B 138 ZA	247372	05MUSKNG1C	247374	05MUSKNG2B	ZA	138	205	AEP	747	747	Base Case	0	-24.8	-	3.32	0	-0.22%	-0.22%	-0.06%	
2725	242958 05BATTLE 138 246176 05TUNNEL R C 138 Z1	242958	05BATTLE	246176	05TUNNEL R C	Z1	138	205	AEP	205	205	Base Case	0	6.8	-	3.32	0	0.00%	0.00%	0.00%	
2726	243867 05FRCS34 345 246756 05FRCS-2 345 1	243867	05FRCS34	246756	05FRCS-2	1	345	205	AEP	1001	1631	Base Case	0	33.2	-	3.31	0	-0.02%	-0.02%	-0.02%	
2727	249991 08BUFTN1 138 250077 08MTZION 138 1	249991	08BUFTN1	250077	08MTZION	1	138	212	DEO&K	298	298	Base Case	0	9.9	-	3.31	0	0.01%	0.01%	-0.12%	
2728	243495 05DAVIDS 138 246603 05DAVID T1T2 138 Z1	243495	05DAVIDS	246603	05DAVID T1T2	Z1	138	205	AEP	685	747	Base Case	0	22.6	-	3.3	0	0.00%	0.00%	0.00%	
2729	238699 02ENQ-12 138 238719 02FMCQ12 138 1	238699	02ENQ-12	238719	02FMCQ12	1	138	202	ATSI	273	332	Base Case	0	8.9	-	3.28	0	-0.09%	-0.09%	0.00%	
2730	243483 05CRCLVS 138 243569 05SCIPPO 138 1	243483	05CRCLVS	243569	05SCIPPO	1	138	205	AEP	347	347	Base Case	0	-11.3	-	3.27	0	-0.02%	-0.02%	0.09%	
2731	243680 05CEDARC 138 245913 05KEWANEE 138 1	243680	05CEDARC	245913	05KEWANEE	1	138	205	AEP	296	378	Base Case	0	9.7	-	3.26	0	0.08%	0.08%	-0.08%	
2732	244024 05SUMAC 138 245552 05MIMOSA 138 Z5	244024	05SUMAC	245552	05MIMOSA	Z5	138	205	AEP	747	747	Base Case	0	24.4	-	3.26	0	0.00%	0.00%	0.00%	
2733	244024 05SUMAC 138 245552 05MIMOSA 138 Z4	244024	05SUMAC	245552	05MIMOSA	Z4	138	205	AEP	747	747	Base Case	0	24.4	-	3.26	0	0.00%	0.00%	0.00%	
2734	244024 05SUMAC 138 245552 05MIMOSA 138 Z8	244024	05SUMAC	245552	05MIMOSA	Z8	138	205	AEP	747	747	Base Case	0	24.4	-	3.26	0	0.00%	0.00%	0.00%	
2735	246383 05FOXGLOVE 138 246385 05JUGST 7-11 138 Z9	246383	05FOXGLOVE	246385	05JUGST 7-11	Z9	138	205	AEP	747	747	Base Case	0	-24.4	-	3.26	0	0.00%	0.00%	0.00%	
2736	244024 05SUMAC 138 245552 05MIMOSA 138 Z6	244024	05SUMAC	245552	05MIMOSA	Z6	138	205	AEP	747	747	Base Case	0	24.4	-	3.26	0	0.00%	0.00%	0.00%	
2737	246383 05FOXGLOVE 138 246385 05JUGST 7-11 138 Z8	246383	05FOXGLOVE	246385	05JUGST 7-11	Z8	138	205	AEP	747	747	Base Case	0	-24.4	-	3.26	0	0.00%	0.00%	0.00%	
2738	246383 05FOXGLOVE 138 246385 05JUGST 7-11 138 Z7	246383	05FOXGLOVE	246385	05JUGST 7-11	Z7	138	205	AEP	747	747	Base Case	0	-24.4	-	3.26	0	0.00%	0.00%	0.00%	
2739	244024 05SUMAC 138 245552 05MIMOSA 138 Z7	244024	05SUMAC	245552	05MIMOSA	Z7	138	205	AEP	747	747	Base Case	0	24.4	-	3.26	0	0.00%	0.00%	0.00%	
2740	246383 05FOXGLOVE 138 246385 05JUGST 7-11 138 Z6	246383	05FOXGLOVE	246385	05JUGST 7-11	Z6	138	205	AEP	747	747	Base Case	0	-24.4	-	3.26	0	0.00%	0.00%	0.00%	
2741	246383 05FOXGLOVE 138 246385 05JUGST 7-11 138 Z0	246383	05FOXGLOVE	246385	05JUGST 7-11	Z0	138	205	AEP	747	747	Base Case	0	-24.4	-	3.26	0	0.00%	0.00%	0.00%	
2742	245952 05DLAWAR1 138 245962 05DLAWAR3 138 Z1	245952	05DLAWAR1	245962	05DLAWAR3	Z1	138	205	AEP	670	747	Base Case	0	21.7	-	3.24	0	0.01%	0.01%	0.01%	
2743	243363 05REED 138 243384 05TRIER 138 1	243363	05REED	243384	05TRIER	1	138	205	AEP	219	251	Base Case	0	7	-	3.22	0	-0.07%	-0.07%	-0.05%	
2744	243330 05LINCOLN1 138 243366 05ROB PK12 138 1	243330	05LINCOLN1	243366	05ROB PK12	1	138	205	AEP	167	240	Base Case	0	-5.4	-	3.22	0	-0.06%	-0.06%	-0.04%	
2745	243388 05W SIDE 138 247828 05OLIVERPLOW 138 1	243388	05W SIDE	247828	05OLIVERPLOW	1	138	205	AEP	282	392	Base Case	0	-9	-	3.21	0	0.03%	0.03%	0.02%	
2746	250029 08FOSTER 138 250137 08OBANNV 138 1	250029	08FOSTER	250137	08OBANNV	1	138	212	DEO&K	291	291	Base Case	0	9.3	-	3.2	0	-0.03%	-0.03%	-0.03%	
2747	243496 05CONGRES SS 138 244267 05DEGUSSA 138 1	243496	05CONGRES SS	244267	05DEGUSSA	1	138	205	AEP	143	143	Base Case	0	4.6	-	3.19	0	0.00%	0.00%	0.00%	
2748	243243 05ANDCT 138 249700 08CADIZ 138 1	243243	05ANDCT	249700	08CADIZ	1	138	205/208	AEP/DEI	136	143	Base Case	0	4.3	-	3.18	0	-0.04%	-0.04%	-0.05%	
2749	246325 05NOTTINGH56 138 246327 05NOTTINGH78 138 Z6	246325	05NOTTINGH56	246327	05NOTTINGH78	Z6	138	205	AEP	747	747	Base Case	0	23.8	-	3.18	0	-0.16%	-0.16%	0.03%	
2750	246325 05NOTTINGH56 138 246327 05NOTTINGH78 138 Z5	246325	05NOTTINGH56	246327	05NOTTINGH78	Z5	138	205	AEP	747	747	Base Case	0	23.8	-	3.18	0	-0.16%	-0.16%	0.03%	
2751	245948 05MILLBR PK2 138 245949 05MLBRPK_ARG 138 ZE	245948	05MILLBR PK2	245949	05MLBRPK_ARG	ZE	138	205	AEP	240	296	Base Case	0	-7.6	-	3.17	0	0.04%	0.04%	0.04%	
2752	242710 05MARROB 138 246923 05NEWSOM 138 1	242710	05MARROB	246923	05NEWSOM	1	138	205	AEP	195	220	Base Case	0	-6.1	-	3.13	0	0.00%	0.00%	0.00%	
2753	243233 05TANNER 345 249565 08EBEND 345 1	243233	05TANNER	249565	08EBEND	1	345	205/212	AEP/DEO&K	1409	1409	Base Case	0	-43.9	-	3.11	0	-0.04%	-0.04%	-0.09%	
2754	243562 05ROSS 138 247148 05SBLMSS 138 1	243562	05ROSS	247148	05SBLMSS	1	138	205	AEP	296	361	Base Case	0	9.1	-	3.08	0	-0.07%	-0.07%	0.01%	
2755	242553 05BETH 138 242671 05HOPKIN 138 1	242553	05BETH	242671	05HOPKIN	1	138	205	AEP	195	220	Base Case	0	-6	-	3.08	0	0.00%	0.00%	0.00%	
2756	246754 05FOWLER 345 246755 05FRCS-1 345 1	246754	05FOWLER	246755	05FRCS-1	1	345	205	AEP	1001	1503	Base Case	0	-30.5	-	3.05	0	-0.02%	-0.02%	-0.02%	
2757	242624 05DICKEN 138 242793 05SEXTON 138 1	242624	05DICKEN	242793	05SEXTON	1	138	205	AEP	158	183	Base Case	0	-4.8	-	3.03	0	0.00%	0.00%	0.00%	
2758	243206 05DUMONT 765 243219 05DUMONT 345 3	243206	05DUMONT	243219	05DUMONT	3	765/345	205	AEP	1740	1868	Base Case	0	52.7	-	3.03	0	0.49%	0.49%	0.57%	
2759	238835 02JGSQ12 138 239225 02STYDCO 138 ZL	238835	02JGSQ12	239225	02STYDCO	ZL	138	202	ATSI	425	522	Base Case	0	-12.8	-	3.02	0	-0.02%	-0.02%	0.00%	
2760	243512 05DIAMONDISS 138 246827 05DIAMOND I 138 1	243512	05DIAMONDISS	246827	05DIAMOND I	1	138	205	AEP	227	306	Base Case	0	6.8	-	3	0	0.00%	0.00%	0.00%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2761	238775 02GXQ-14 138 238809 02HMLQ14 138 1	238775	02GXQ-14	238809	02HMLQ14	1	138	202	ATSI	176	229	Base Case	0	-5.3	-	2.98	0	0.15%	0.15%	0.02%	
2762	242979 05CANNELV SS 138 243888 05CANNELV8 138 Z1	242979	05CANNELV SS	243888	05CANNELV8	Z1	138	205	AEP	145	145	Base Case	0	4.3	-	2.96	0	0.00%	0.00%	0.00%	
2763	238954 02MCDOWL 138 239350 02CAMPBL 138 1	238954	02MCDOWL	239350	02CAMPBL	1	138	202	ATSI	278	339	Base Case	0	-8.2	-	2.95	0	0.61%	0.61%	0.00%	
2764	242761 05RAGLDZ 138 242810 05SPRIG2 138 1	242761	05RAGLDZ	242810	05SPRIG2	1	138	205	AEP	167	167	Base Case	0	-4.9	-	2.95	0	-0.06%	-0.06%	-0.04%	
2765	250087 08QUNGT1 138 250124 08WENDEA 138 1	250087	08QUNGT1	250124	08WENDEA	1	138	212	DEO&K	268	268	Base Case	0	-7.9	-	2.95	0	0.01%	0.01%	0.02%	
2766	239077 02RVERBD 138 239166 02WCKLIF 138 1	239077	02RVERBD	239166	02WCKLIF	1	138	202	ATSI	223	223	Base Case	0	6.6	-	2.94	0	-0.09%	-0.09%	-0.03%	
2767	243295 05GARRETT N 138 246769 05MINERR 138 1	243295	05GARRETT N	246769	05MINERR	1	138	205	AEP	251	335	Base Case	0	7.4	-	2.94	0	0.05%	0.05%	0.03%	
2768	243562 05ROSS 138 243570 05CLAYBN 138 1	243562	05ROSS	243570	05CLAYBN	1	138	205	AEP	323	449	Base Case	0	9.5	-	2.94	0	0.00%	0.00%	0.05%	
2769	242650 05GLENL1 138 242651 05GLENL2 138 Z1	242650	05GLENL1	242651	05GLENL2	Z1	138	205	AEP	285	368	Base Case	0	8.3	-	2.93	0	0.01%	0.01%	-0.17%	
2770	242508 05AMOS 765 242516 05MOUNTN 765 1	242508	05AMOS	242516	05MOUNTN	1	765	205	AEP	4047	4571	Base Case	0	118.5	-	2.93	0	-1.98%	-1.98%	3.43%	
2771	242705 05LOGAN2 138 242735 05NPOINT 138 1	242705	05LOGAN2	242735	05NPOINT	1	138	205	AEP	389	559	Base Case	0	11.3	-	2.89	0	0.02%	0.02%	0.31%	
2772	239113 02SP Q-2 138 239212 02AUSTQ2 138 1	239113	02SP Q-2	239212	02AUSTQ2	1	138	202	ATSI	148	151	Base Case	0	4.3	-	2.89	0	-0.18%	-0.19%	0.04%	
2773	241928 02AVQ2 138 241929 02AVQ3 138 1	241928	02AVQ2	241929	02AVQ3	1	138	202	ATSI	999	999	Base Case	0	-28.7	-	2.88	0	-0.09%	-0.09%	0.00%	
2774	239127 02STRYKE 138 239351 02EASTFAYT 138 1	239127	02STRYKE	239351	02EASTFAYT	1	138	202	ATSI	216	262	Base Case	0	6.2	-	2.85	0	-0.04%	-0.04%	0.00%	
2775	245555 05MARKWEST 138 247156 05STEAMT 138 Z2	245555	05MARKWEST	247156	05STEAMT	Z2	138	205	AEP	747	747	Base Case	0	-21.3	-	2.84	0	0.00%	0.00%	0.00%	
2776	245555 05MARKWEST 138 247156 05STEAMT 138 Z3	245555	05MARKWEST	247156	05STEAMT	Z3	138	205	AEP	747	747	Base Case	0	-21.3	-	2.84	0	0.00%	0.00%	0.00%	
2777	245555 05MARKWEST 138 247156 05STEAMT 138 Z4	245555	05MARKWEST	247156	05STEAMT	Z4	138	205	AEP	747	747	Base Case	0	-21.3	-	2.84	0	0.00%	0.00%	0.00%	
2778	245555 05MARKWEST 138 247156 05STEAMT 138 Z1	245555	05MARKWEST	247156	05STEAMT	Z1	138	205	AEP	747	747	Base Case	0	-21.3	-	2.84	0	0.00%	0.00%	0.00%	
2779	238941 02MANSFD 345 240069 02LORDSTOWN 345 1	238941	02MANSFD	240069	02LORDSTOWN	1	345	202	ATSI	1380	1646	Base Case	0	39	-	2.83	0	0.16%	0.16%	0.10%	
2780	243574 05SUNBURY SS 138 247291 05SUNBURY8 138 Z1	243574	05SUNBURY SS	247291	05SUNBURY8	Z1	138	205	AEP	223	223	Base Case	0	6.3	-	2.83	0	0.00%	0.00%	0.00%	
2781	238830 02IWQ-16 138 239210 02IOQ-16 138 1	238830	02IWQ-16	239210	02IOQ-16	1	138	202	ATSI	273	332	Base Case	0	7.7	-	2.82	0	0.02%	0.02%	0.00%	
2782	250042 08HANDS1 138 250043 08HANDS2 138 Z1	250042	08HANDS1	250043	08HANDS2	Z1	138	212	DEO&K	406	454	Base Case	0	-11.4	-	2.82	0	0.02%	0.02%	0.07%	
2783	238771 02GTQ-11 138 238792 02HDGQ11 138 1	238771	02GTQ-11	238792	02HDGQ11	1	138	202	ATSI	273	332	Base Case	0	-7.7	-	2.81	0	0.06%	0.06%	-0.02%	
2784	246913 05JONES 138 247116 05ALADDIN 138 1	246913	05JONES	247116	05ALADDIN	1	138	205	AEP	205	284	Base Case	0	-5.7	-	2.8	0	-0.02%	-0.02%	-0.01%	
2785	242666 05HAZELH 138 242679 05INGSTR 138 1	242666	05HAZELH	242679	05INGSTR	1	138	205	AEP	251	325	Base Case	0	7	-	2.78	0	0.00%	0.00%	0.00%	
2786	243287 05E.ELKHART 138 243351 05NORTHL 138 1	243287	05E.ELKHART	243351	05NORTHL	1	138	205	AEP	205	284	Base Case	0	5.7	-	2.78	0	0.04%	0.04%	0.02%	
2787	238881 02LTFQ16 138 239210 02IOQ-16 138 1	238881	02LTFQ16	239210	02IOQ-16	1	138	202	ATSI	273	332	Base Case	0	-7.5	-	2.75	0	0.02%	0.02%	0.00%	
2788	238957 02MFLDQ2 138 239020 02NW Q-2 138 1	238957	02MFLDQ2	239020	02NW Q-2	1	138	202	ATSI	176	229	Base Case	0	-4.8	-	2.73	0	-0.15%	-0.15%	0.04%	
2789	242519 05CLOVRD 500 314912 8LEXNGTN 500 1	242519	05CLOVRD	314912	8LEXNGTN	1	500	205/345	AEP/DVP	3610	3610	Base Case	0	-97.1	-	2.69	0	5.58%	5.58%	4.36%	
2790	250035 08FTRM11 138 250029 08FOSTER 138 1	250035	08FTRM11	250029	08FOSTER	1	138	212	DEO&K	9999	9999	Base Case	0	268.8	-	2.69	0	0.06%	0.06%	0.01%	
2791	242808 05SPORNS 138 246954 05YELLWB 138 2	242808	05SPORNS	246954	05YELLWB	2	138	205	AEP	257	257	Base Case	0	6.9	-	2.68	0	0.00%	0.00%	0.00%	
2792	246948 05POLYSS 138 246954 05YELLWB 138 1	246948	05POLYSS	246954	05YELLWB	1	138	205	AEP	257	257	Base Case	0	-6.9	-	2.68	0	0.00%	0.00%	0.00%	
2793	243493 05CRVERD 138 246633 05ZEIGLER8 138 Z1	243493	05CRVERD	246633	05ZEIGLER8	Z1	138	205	AEP	200	200	Base Case	0	5.4	-	2.68	0	0.00%	0.00%	0.00%	
2794	238695 02ELW+ 138 239958 02ELW.QS2 138 1	238695	02ELW+	239958	02ELW.QS2	1	138	202	ATSI	160	192	Base Case	0	4.3	-	2.68	0	0.00%	0.00%	0.00%	
2795	250107 08TODM15 138 250105 08TDHNTR 138 1	250107	08TODM15	250105	08TDHNTR	1	138	212	DEO&K	9999	9999	Base Case	0	266.7	-	2.67	0	-0.03%	-0.03%	-0.04%	
2796	243147 05WILDCRK SS 138 244645 05WILDCRK 8 138 Z1	243147	05WILDCRK SS	244645	05WILDCRK 8	Z1	138	205	AEP	185	257	Base Case	0	4.9	-	2.66	0	0.00%	0.00%	0.00%	
2797	242808 05SPORNS 138 246948 05POLYSS 138 4	242808	05SPORNS	246948	05POLYSS	4	138	205	AEP	257	257	Base Case	0	6.8	-	2.65	0	0.00%	0.00%	0.00%	
2798	243497 05DELANO 138 243562 05ROSS 138 2	243497	05DELANO	243562	05ROSS	2	138	205	AEP	323	449	Base Case	0	-8.5	-	2.62	0	0.00%	0.00%	0.05%	
2799	250001 08COLINV 138 250144 08HUSTRC 138 1	250001	08COLINV	250144	08HUSTRC	1	138	212	DEO&K	178	178	Base Case	0	4.6	-	2.56	0	-0.06%	-0.06%	-0.06%	
2800	242642 05FRANKLIN 138 242643 05FRANK5 138 Z1	242642	05FRANKLIN	242643	05FRANK5	Z1	138	205	AEP	329	361	Base Case	0	-8.4	-	2.54	0	0.04%	0.04%	-0.19%	
2801	247700 05YAGER 138 247702 05AZALEA 138 1	247700	05YAGER	247702	05AZALEA	1	138	205	AEP	296	413	Base Case	0	7.5	-	2.54	0	0.00%	0.00%	0.00%	
2802	250108 08TODM16 138 250105 08TDHNTR 138 1	250108	08TODM16	250105	08TDHNTR	1	138	212	DEO&K	9999	9999	Base Case	0	253.6	-	2.54	0	-0.03%	-0.03%	-0.04%	
2803	238850 02JUNIPE 345 239358 02GLENWILLOW 345 1	238850	02JUNIPE	239358	02GLENWILLOW	1	345	202	ATSI	1370	1720	Base Case	0	-34.7	-	2.53	0	1.37%	1.37%	-0.41%	
2804	250109 08TODM17 138 250105 08TDHNTR 138 1	250109	08TODM17	250105	08TDHNTR	1	138	212	DEO&K	9999	9999	Base Case	0	253.3	-	2.53	0	-0.03%	-0.03%	-0.04%	
2805	242809 05SPRIG1 138 242810 05SPRIG2 138 Z1	242809	05SPRIG1	242810	05SPRIG2	Z1	138	205	AEP	296	296	Base Case	0	-7.3	-	2.48	0	0.02%	0.02%	-0.04%	
2806	248013 06PIERCE 345 249564 08BUFTN1 345 1	248013	06PIERCE	249564	08BUFTN1	1	345	206/212	OVEC/DEO&K	971	971	Base Case	0	23.9	-	2.47	0	0.32%	0.32%	0.06%	
2807	242660 05H.RIDG 138 244192 05BALLS GAP 138 1	242660	05H.RIDG	244192	05BALLS GAP	1	138	205	AEP	167	167	Base Case	0	-4.1	-	2.46	0	0.06%	0.06%	0.02%	
2808	243223 05JACKSON RD 345 243234 05TWIN B 345 1	243223	05JACKSON RD	243234	05TWIN B	1	345	205	AEP	971	971	Base Case	0	-23.9	-	2.46	0	0.07%	0.07%	0.08%	
2809	242647 05G.BRAN 138 242751 05PIGEON 138 1	242647	05G.BRAN	242751	05PIGEON	1	138	205	AEP	287	334	Base Case	0	-7	-	2.44	0	0.00%	0.00%	0.00%	
2810	242535 05ALUMRG 138 242610 05CLYTR3 138 1	242535	05ALUMRG	242610	05CLYTR3	1	138	205	AEP	180	227	Base Case	0	-4.4	-	2.43	0	-0.05%	-0.05%	-0.60%	
2811	238990 02NB Q18 138 240351 02IV-NB+18 138 ZL	238990	02NB Q18	240351	02IV-NB+18	ZL	138	202	ATSI	260	309	Base Case	0	-6.3	-	2.42	0	0.00%	0.00%	0.00%	
2812	238740 02FWLSQ2 138 239050 02PV Q2 138 1	238740	02FWLSQ2	239050	02PV Q2	1	138	202	ATSI	103	132	Base Case	0	-2.5	-	2.41	0	0.25%	0.26%	0.02%	
2813	238596 02IXQ-1 138 238598 02CADQ18 138 1	238596	02IXQ-1	238598	02CADQ18	1	138	202	ATSI	273	332	Base Case	0	-6.6	-	2.41	0	0.00%	0.00%	0.00%	
2814	238716 02FIRSTN 138 239144 02URBAN 138 1	238716	02FIRSTN	239144	02URBAN	1	138	202	ATSI	233	249	Base Case	0	5.6	-	2.4	0	0.06%	0.06%	0.06%	
2815	243455 05CONES 345 243458 05HYATT 345 1	243455	05CONES	243458	05HYATT	1	345	205	AEP	1217	1245	Base Case	0	29.1	-	2.39	0	0.28%	0.28%	-0.02%	
2816	242569 05BRUSHT 138 243945 05LYNBROOK 138 1	242569	05BRUSHT	243945	05LYNBROOK	1	138	205	AEP	548	590	Base Case	0	13.1	-	2.39	0	0.01%	0.01%	0.44%	
2817	238845 02JONSON 138 239275 02FLDSTN 138 1	238845	02JONSON	239275	02FLDSTN	1	138	202	ATSI	233	282	Base Case	0	5.5	-	2.38	0	-0.04%	-0.04%	-0.02%	
2818	238508 02EBER 138 238897 02LIQAIR 138 1	238508	02EBER	238897	02LIQAIR	1	138	202	ATSI	278	343	Base Case	0	6.6	-	2.36	0	0.00%	0.00%	0.00%	
2819	243206 05DUMONT 765 243219 05DUMONT 345 2	243206	05DUMONT	243219	05DUMONT	2	765/345	205	AEP	2250	2250	Base Case	0	53	-	2.36	0	0.49%	0.49%	0.57%	
2820	240281 02LKSHQ1 138 240282 02LKSHQ2 138 1	240281	02LKSHQ1	240282	02LKSHQ2	1	138	202	ATSI	999	999	Base Case	0	-23.5	-	2.35	0	-0.01%	-0.01%	-0.01%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2821	238720 02FMCQ13 138 238741 02FWLSQ3 138 1	238720	02FMCQ13	238741	02FWLSQ3	1	138	202	ATSI	267	332	Base Case	0	-6.3	-	2.35	0	-0.10%	-0.10%	-0.01%	
2822	244198 05LEMASTER 138 247148 05SBLMSS 138 1	244198	05LEMASTER	247148	05SBLMSS	1	138	205	AEP	296	361	Base Case	0	-6.9	-	2.34	0	-0.07%	-0.07%	0.01%	
2823	242995 05EASTOW 138 243136 05W LIMA 138 1	242995	05EASTOW	243136	05W LIMA	1	138	205	AEP	205	255	Base Case	0	4.8	-	2.34	0	0.01%	0.01%	-0.06%	
2824	247700 05YAGER 138 247703 05LEESVILLE 138 1	247700	05YAGER	247703	05LEESVILLE	1	138	205	AEP	296	413	Base Case	0	6.9	-	2.33	0	0.00%	0.00%	0.00%	
2825	238714 02FB Q-3 138 238762 02GR Q-3 138 1	238714	02FB Q-3	238762	02GR Q-3	1	138	202	ATSI	273	332	Base Case	0	-6.4	-	2.33	0	0.18%	0.18%	0.01%	
2826	243037 05MEIGS SS 138 244439 05MEIGS SW2Z 138 1	243037	05MEIGS SS	244439	05MEIGS SW2Z	1	138	205	AEP	140	140	Base Case	0	-3.3	-	2.33	0	0.00%	0.00%	0.00%	
2827	243357 05PENDLETON1 138 246656 05PENDLETON2 138 Z1	243357	05PENDLETON1	246656	05PENDLETON2	Z1	138	205	AEP	219	255	Base Case	0	5	-	2.3	0	0.03%	0.03%	0.03%	
2828	238979 02NAPMUN 138 239127 02STRYKE 138 1	238979	02NAPMUN	239127	02STRYKE	1	138	202	ATSI	153	181	Base Case	0	-3.5	-	2.3	0	-0.08%	-0.08%	-0.01%	
2829	243077 05PROMWY 138 243142 05WAYVIE 138 1	243077	05PROMWY	243142	05WAYVIE	1	138	205	AEP	251	335	Base Case	0	-5.7	-	2.27	0	0.02%	0.02%	0.01%	
2830	245822 05LIGONIER1 138 247433 05CHARGER 138 1	245822	05LIGONIER1	247433	05CHARGER	1	138	205	AEP	158	183	Base Case	0	-3.6	-	2.27	0	0.00%	0.00%	0.00%	
2831	242561 05BOONSBORO 138 242765 05REUSENS1 138 1	242561	05BOONSBORO	242765	05REUSENS1	1	138	205	AEP	167	240	Base Case	0	-3.8	-	2.26	0	0.01%	0.01%	-0.51%	
2832	243296 05GASTON 138 243343 05MISSIS 138 1	243296	05GASTON	243343	05MISSIS	1	138	205	AEP	257	360	Base Case	0	-5.8	-	2.26	0	-0.05%	-0.05%	-0.04%	
2833	243057 05NEW LIBR1 138 245905 05NEW LIBR2 138 Z1	243057	05NEW LIBR1	245905	05NEW LIBR2	Z1	138	205	AEP	187	240	Base Case	0	-4.2	-	2.26	0	-0.08%	-0.08%	0.06%	
2834	253026 09GREENE 138 253083 09TREBEI 138 1	253026	09GREENE	253083	09TREBEI	1	138	209	DAY	301	373	Base Case	0	6.8	-	2.26	0	-0.04%	-0.04%	-0.02%	
2835	239078 02RYAN 138 239100 02SEVILL 138 1	239078	02RYAN	239100	02SEVILL	1	138	202	ATSI	233	282	Base Case	0	-5.3	-	2.26	0	0.05%	0.05%	0.04%	
2836	243294 05FLWRFD8 SS 138 246565 05FLWRFD8 138 Z1	243294	05FLWRFD8 SS	246565	05FLWRFD8	Z1	138	205	AEP	195	220	Base Case	0	4.4	-	2.26	0	0.00%	0.00%	0.00%	
2837	238777 02HAMIL+ 138 238778 02HAMILT 138 1	238777	02HAMIL+	238778	02HAMILT	1	138	202	ATSI	195	195	Base Case	0	4.4	-	2.25	0	0.00%	0.00%	0.00%	
2838	242608 05CLYTR1 138 242791 05SCHRIS 138 1	242608	05CLYTR1	242791	05SCHRIS	1	138	205	AEP	164	167	Base Case	0	-3.7	-	2.25	0	0.13%	0.13%	0.10%	
2839	243036 05MEIG 2 138 244439 05MEIGS SW2Z 138 1	243036	05MEIG 2	244439	05MEIGS SW2Z	1	138	205	AEP	158	183	Base Case	0	-3.5	-	2.23	0	0.00%	0.00%	0.00%	
2840	238698 02ENQ-11 138 238806 02HMLQ11 138 1	238698	02ENQ-11	238806	02HMLQ11	1	138	202	ATSI	273	332	Base Case	0	6.1	-	2.22	0	-0.19%	-0.19%	-0.02%	
2841	247008 05CLARKB 138 247009 05KEYSTO 138 Z1	247008	05CLARKB	247009	05KEYSTO	Z1	138	205	AEP	383	449	Base Case	0	8.5	-	2.22	0	0.00%	0.00%	0.00%	
2842	238530 02ALLEN 345 238961 02MIDWAY 345 1	238530	02ALLEN	238961	02MIDWAY	1	345	202	ATSI	1364	1627	Base Case	0	-30.1	-	2.21	0	0.37%	0.37%	0.09%	
2843	242587 05CELAN 138 242731 05NBLACK 138 1	242587	05CELAN	242731	05NBLACK	1	138	205	AEP	205	205	Base Case	0	-4.5	-	2.19	0	0.11%	0.11%	0.25%	
2844	240282 02LKSHQ2 138 240283 02LKSHQ3 138 1	240282	02LKSHQ2	240283	02LKSHQ3	1	138	202	ATSI	999	999	Base Case	0	-21.9	-	2.19	0	0.14%	0.14%	0.01%	
2845	246779 05S.ABINGDN2 138 247819 05S.ABINGDN1 138 Z1	246779	05S.ABINGDN2	247819	05S.ABINGDN1	Z1	138	205	AEP	747	747	Base Case	0	16.2	-	2.17	0	0.00%	0.00%	-0.14%	
2846	238665 02DS Q-1 138 238666 02DS Q-3 138 ZB	238665	02DS Q-1	238666	02DS Q-3	ZB	138	202	ATSI	999	999	Base Case	0	21.6	-	2.16	0	-0.03%	-0.03%	0.00%	
2847	243792 05LOSANTVILL 345 243793 05HEADWTR CS 345 1	243792	05LOSANTVILL	243793	05HEADWTR CS	1	345	205	AEP	961	961	Base Case	0	-20.7	-	2.16	0	-0.01%	-0.01%	-0.01%	
2848	242540 05APPLE1 138 242541 05APPLE2 138 Z1	242540	05APPLE1	242541	05APPLE2	Z1	138	205	AEP	219	255	Base Case	0	4.7	-	2.15	0	-0.03%	-0.03%	0.05%	
2849	238742 02FWLSQ4 138 238763 02GR Q-4 138 1	238742	02FWLSQ4	238763	02GR Q-4	1	138	202	ATSI	148	151	Base Case	0	3.1	-	2.13	0	-0.24%	-0.24%	-0.03%	
2850	243322 05KENZIE 138 243376 05SODUS 138 1	243322	05KENZIE	243376	05SODUS	1	138	205	AEP	296	361	Base Case	0	6.3	-	2.12	0	0.02%	0.02%	0.02%	
2851	246060 05HICKRY CK2 138 246994 05RICKMN 138 1	246060	05HICKRY CK2	246994	05RICKMN	1	138	205	AEP	187	202	Base Case	0	3.9	-	2.11	0	0.06%	0.06%	0.02%	
2852	243077 05PROMWY 138 243134 05W.CANTON1 138 1	243077	05PROMWY	243134	05W.CANTON1	1	138	205	AEP	219	255	Base Case	0	-4.5	-	2.07	0	-0.02%	-0.02%	-0.01%	
2853	238596 02IXQ-1 138 240249 02CHIAQ-1 138 1	238596	02IXQ-1	240249	02CHIAQ-1	1	138	202	ATSI	273	332	Base Case	0	5.6	-	2.05	0	0.00%	0.00%	0.00%	
2854	239053 02PVMQ15 138 239331 02NASHRING 138 1	239053	02PVMQ15	239331	02NASHRING	1	138	202	ATSI	273	332	Base Case	0	5.6	-	2.04	0	0.08%	0.08%	-0.02%	
2855	246974 05MLCS-1 345 246977 05MLCS45 345 1	246974	05MLCS-1	246977	05MLCS45	1	345	205	AEP	1286	1800	Base Case	0	-25.5	-	1.99	0	-0.02%	-0.02%	-0.02%	
2856	243478 05BRKSHR 138 243574 05SUNBURY SS 138 1	243478	05BRKSHR	243574	05SUNBURY SS	1	138	205	AEP	329	361	Base Case	0	-6.5	-	1.98	0	0.04%	0.04%	-0.01%	
2857	242541 05APPLE2 138 243040 05MERCERVL Z 138 1	242541	05APPLE2	243040	05MERCERVL Z	1	138	205	AEP	167	167	Base Case	0	-3.3	-	1.97	0	0.03%	0.03%	-0.05%	
2858	243313 05HUNT J 138 243377 05SORENS 138 1	243313	05HUNT J	243377	05SORENS	1	138	205	AEP	257	314	Base Case	0	-5	-	1.96	0	0.09%	0.09%	-0.04%	
2859	243081 05RISGSN 138 244341 05SOFTAIL SS 138 1	243081	05RISGSN	244341	05SOFTAIL SS	1	138	205	AEP	145	145	Base Case	0	-2.8	-	1.96	0	0.00%	0.00%	0.00%	
2860	242973 05BUCKH8 138 247253 05BUCKSS 138 1	242973	05BUCKH8	247253	05BUCKSS	1	138	205	AEP	150	212	Base Case	0	-2.9	-	1.96	0	0.00%	0.00%	0.00%	
2861	253025 09GIVENS 138 253085 09URBANA 138 1	253025	09GIVENS	253085	09URBANA	1	138	209	DAY	201	220	Base Case	0	3.9	-	1.95	0	0.10%	0.10%	0.03%	
2862	243465 05ADDISO 138 243561 05RODNEY SS 138 1	243465	05ADDISO	243561	05RODNEY SS	1	138	205	AEP	145	145	Base Case	0	-2.8	-	1.94	0	-0.01%	-0.01%	-0.02%	
2863	242649 05GARRSN 138 242689 05KANAWHA1 138 1	242649	05GARRSN	242689	05KANAWHA1	1	138	205	AEP	219	223	Base Case	0	-4.2	-	1.93	0	0.03%	0.03%	-0.16%	
2864	239347 02LEAR 138 239348 02WORTHST 138 1	239347	02LEAR	239348	02WORTHST	1	138	202	ATSI	278	343	Base Case	0	5.4	-	1.93	0	-0.07%	-0.07%	0.00%	
2865	244187 05STINK RUN 138 244275 05WALHON MTR 138 Z1	244187	05STINK RUN	244275	05WALHON MTR	Z1	138	205	AEP	205	284	Base Case	0	4	-	1.93	0	0.00%	0.00%	0.00%	
2866	243545 05MILTON SS 138 246747 05MILTON8 138 Z1	243545	05MILTON SS	246747	05MILTON8	Z1	138	205	AEP	200	246	Base Case	0	3.8	-	1.91	0	0.00%	0.00%	0.00%	
2867	242962 05BLDBGZ 138 247302 05BLDBG8 138 Z1	242962	05BLDBGZ	247302	05BLDBG8	Z1	138	205	AEP	140	140	Base Case	0	2.6	-	1.89	0	0.00%	0.00%	0.00%	
2868	243253 05BLUFFP 138 243319 05JAY 138 1	243253	05BLUFFP	243319	05JAY	1	138	205	AEP	257	359	Base Case	0	4.8	-	1.89	0	0.00%	0.00%	0.02%	
2869	238696 02ELWOD+ 138 238697 02ELWOOD 138 1	238696	02ELWOD+	238697	02ELWOOD	1	138	202	ATSI	164	206	Base Case	0	3.1	-	1.88	0	0.00%	0.00%	0.00%	
2870	243878 05MEADOW 345 246975 05MLCS23 345 1	243878	05MEADOW	246975	05MLCS23	1	345	205	AEP	1286	1800	Base Case	0	-24	-	1.87	0	-0.02%	-0.02%	-0.02%	
2871	242951 05ADDISONZ 138 244938 05ADDISON8 138 Z1	242951	05ADDISONZ	244938	05ADDISON8	Z1	138	205	AEP	205	205	Base Case	0	3.8	-	1.84	0	0.00%	0.00%	0.00%	
2872	242508 05AMOS 765 242929 05NPROCT 765 1	242508	05AMOS	242929	05NPROCT	1	765	205	AEP	5138	5138	Base Case	0	94.3	-	1.84	0	2.35%	2.35%	1.21%	
2873	243561 05RODNEY SS 138 246778 05RODNEY8 138 Z1	243561	05RODNEY SS	246778	05RODNEY8	Z1	138	205	AEP	145	177	Base Case	0	2.6	-	1.82	0	0.00%	0.00%	0.00%	
2874	246927 05SAND H 138 247002 05WAYMSS 138 1	246927	05SAND H	247002	05WAYMSS	1	138	205	AEP	205	255	Base Case	0	-3.7	-	1.81	0	-0.12%	-0.12%	0.05%	
2875	243532 05KIRK 138 244871 05RIDGELY 138 1	243532	05KIRK	244871	05RIDGELY	1	138	205	AEP	292	328	Base Case	0	5.3	-	1.81	0	-0.08%	-0.08%	0.04%	
2876	243154 05WNDSR8 138 247277 05WNDSRZ 138 1	243154	05WNDSR8	247277	05WNDSRZ	1	138	205	AEP	205	205	Base Case	0	-3.7	-	1.81	0	0.00%	0.00%	0.00%	
2877	243102 05SINK SP8SS 138 244942 05SINK SP8 138 Z1	243102	05SINK SP8SS	244942	05SINK SP8	Z1	138	205	AEP	185	249	Base Case	0	3.3	-	1.8	0	0.00%	0.00%	0.00%	
2878	250036 08GLNVW1 138 250117 08TRMNL1 138 1	250036	08GLNVW1	250117	08TRMNL1	1	138	212	DEO&K	268	268	Base Case	0	-4.8	-	1.78	0	0.03%	0.03%	-0.01%	
2879	243040 05MERCERVL Z 138 244944 05MERCERVL8 138 Z1	243040	05MERCERVL Z	244944	05MERCERVL8	Z1	138	205	AEP	200	200	Base Case	0	3.5	-	1.77	0	0.00%	0.00%	0.00%	
2880	238547 02AT 345 239036 02PERRY 345 1	238547	02AT	239036	02PERRY	1	345	202	ATSI	1534	1891	Base Case	0	-26.9	-	1.75	0	-3.28%	-3.28%	0.47%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2881	250132 08WLDER1 138 250133 08WLDER2 138 Z1	250132	08WLDER1	250133	08WLDER2	Z1	138	212	DEO&K	468	468	Base Case	0	-8.1	-	1.73	0	-0.03%	-0.03%	-0.02%	
2882	243520 05HARGUS 138 243569 05SCIPPO 138 1	243520	05HARGUS	243569	05SCIPPO	1	138	205	AEP	223	223	Base Case	0	-3.8	-	1.72	0	0.00%	0.00%	0.00%	
2883	238960 02MIDW K 138 239163 02WATERV 138 1	238960	02MIDW K	239163	02WATERV	1	138	202	ATSI	308	376	Base Case	0	5.3	-	1.71	0	-0.05%	-0.05%	-0.01%	
2884	242938 05MARQUI 345 253077 09STUART 345 1	242938	05MARQUI	253077	09STUART	1	345	205/209	AEP/DAY	1233	1372	Base Case	0	-21	-	1.71	0	-1.19%	-1.19%	-1.13%	
2885	250054 08LONGBR 138 250077 08MTZION 138 1	250054	08LONGBR	250077	08MTZION	1	138	212	DEO&K	254	284	Base Case	0	4.3	-	1.7	0	-0.01%	-0.01%	0.12%	
2886	242821 05SUNDL2 138 242828 05TENMIL 138 1	242821	05SUNDL2	242828	05TENMIL	1	138	205	AEP	219	223	Base Case	0	-3.7	-	1.69	0	0.03%	0.03%	-0.15%	
2887	243336 05MANORZ 138 246401 05INDALEXL 138 1	243336	05MANORZ	246401	05INDALEXL	1	138	205	AEP	180	220	Base Case	0	3	-	1.69	0	0.00%	0.00%	0.00%	
2888	250073 08MTCHL3 138 250110 08CENTRL 138 1	250073	08MTCHL3	250110	08CENTRL	1	138	212	DEO&K	264	264	Base Case	0	4.4	-	1.68	0	-0.03%	-0.03%	-0.02%	
2889	242785 05S.LYNC 138 243944 05GEORGE ST 138 1	242785	05S.LYNC	243944	05GEORGE ST	1	138	205	AEP	287	337	Base Case	0	4.8	-	1.67	0	-0.01%	-0.01%	-0.44%	
2890	246929 05MADDOX 345 246930 05BLUECK 345 Z1	246929	05MADDOX	246930	05BLUECK	Z1	345	205	AEP	2365	2826	Base Case	0	-39.3	-	1.66	0	-0.03%	-0.03%	-0.03%	
2891	249994 08CHRLES 138 250126 08WENDWE 138 1	249994	08CHRLES	250126	08WENDWE	1	138	212	DEO&K	234	244	Base Case	0	3.8	-	1.64	0	-0.02%	-0.02%	-0.04%	
2892	242972 05BLOOMFD SS 138 245384 05BETHEL CH8 138 Z1	242972	05BLOOMFD SS	245384	05BETHEL CH8	Z1	138	205	AEP	140	140	Base Case	0	2.3	-	1.64	0	0.00%	0.00%	0.00%	
2893	250038 08GOLFMR 138 250114 08TP7481 138 1	250038	08GOLFMR	250114	08TP7481	1	138	212	DEO&K	406	408	Base Case	0	-6.6	-	1.64	0	0.03%	0.03%	0.03%	
2894	243126 05THIVENER1Z 138 246273 05THIVENR SS 138 Z1	243126	05THIVENER1Z	246273	05THIVENR SS	Z1	138	205	AEP	329	361	Base Case	0	5.4	-	1.63	0	0.00%	0.00%	0.00%	
2895	243221 05EUGENE 345 348885 7BUNSONVILLE 345 1	243221	05EUGENE	348885	7BUNSONVILLE	1	345	205/357	AEP/AMIL	1692	1793	Base Case	0	27.6	-	1.63	0	0.63%	0.63%	0.31%	
2896	246963 05WESLSS 138 246964 05WESLMP 138 1	246963	05WESLSS	246964	05WESLMP	1	138	205	AEP	219	255	Base Case	0	3.6	-	1.62	0	0.00%	0.00%	0.00%	
2897	246187 05WARTON H2 138 246928 05WARTON H1 138 Z1	246187	05WARTON H2	246928	05WARTON H1	Z1	138	205	AEP	383	449	Base Case	0	6.2	-	1.62	0	0.00%	0.00%	0.00%	
2898	242991 05E SIDE 138 243108 05STRLN1 138 1	242991	05E SIDE	243108	05STRLN1	1	138	205	AEP	251	251	Base Case	0	4	-	1.6	0	-0.15%	-0.15%	-0.07%	
2899	242950 05ACADEM 138 243153 05WMTVER 138 1	242950	05ACADEM	243153	05WMTVER	1	138	205	AEP	158	183	Base Case	0	-2.5	-	1.6	0	-0.06%	-0.06%	0.04%	
2900	239113 02SP Q-2 138 239116 02SPXFQ2 138 ZB	239113	02SP Q-2	239116	02SPXFQ2	ZB	138	202	ATSI	999	999	Base Case	0	15.7	-	1.58	0	0.00%	0.00%	0.00%	
2901	242792 05SCOTSV 138 244446 05SOAPSTONE 138 1	242792	05SCOTSV	244446	05SOAPSTONE	1	138	205	AEP	167	167	Base Case	0	-2.6	-	1.57	0	-0.30%	-0.30%	-0.65%	
2902	238957 02MFLDQ2 138 241923 02ELQ3 138 1	238957	02MFLDQ2	241923	02ELQ3	1	138	202	ATSI	265	316	Base Case	0	4.1	-	1.56	0	-0.03%	-0.03%	0.01%	
2903	250116 08TRENTON_1 138 250144 08HUSTRC 138 1	250116	08TRENTON_1	250144	08HUSTRC	1	138	212	DEO&K	178	178	Base Case	0	-2.8	-	1.55	0	-0.06%	-0.06%	-0.06%	
2904	246325 05NOTTINGH56 138 247460 05NOTTINGH34 138 Z3	246325	05NOTTINGH56	247460	05NOTTINGH34	Z3	138	205	AEP	747	747	Base Case	0	-11.6	-	1.55	0	0.01%	0.01%	0.00%	
2905	246325 05NOTTINGH56 138 247460 05NOTTINGH34 138 Z4	246325	05NOTTINGH56	247460	05NOTTINGH34	Z4	138	205	AEP	747	747	Base Case	0	-11.6	-	1.55	0	0.01%	0.01%	0.00%	
2906	243036 05MEIG 2 138 244950 05WILKSVILLE 138 1	243036	05MEIG 2	244950	05WILKSVILLE	1	138	205	AEP	129	161	Base Case	0	2	-	1.54	0	0.00%	0.00%	0.00%	
2907	243107 05SPENCR 138 246304 05BUCKINGHAM 138 1	243107	05SPENCR	246304	05BUCKINGHAM	1	138	205	AEP	100	130	Base Case	0	1.5	-	1.54	0	0.00%	0.00%	0.00%	
2908	239163 02WATERV 138 239191 02JMDUTC 138 1	239163	02WATERV	239191	02JMDUTC	1	138	202	ATSI	308	376	Base Case	0	-4.7	-	1.54	0	0.05%	0.05%	0.01%	
2909	238595 02BURTON 138 238708 02EVRGRN 138 1	238595	02BURTON	238708	02EVRGRN	1	138	202	ATSI	157	192	Base Case	0	2.4	-	1.53	0	-0.01%	-0.01%	0.00%	
2910	238791 02HCQ-14 138 239052 02PV Q4 138 1	238791	02HCQ-14	239052	02PV Q4	1	138	202	ATSI	225	295	Base Case	0	3.4	-	1.53	0	0.08%	0.08%	-0.01%	
2911	247803 05SEGRETO 345 256019 18PALISD 345 2	247803	05SEGRETO	256019	18PALISD	2	345	205/218	AEP/METC	1306	1530	Base Case	0	-19.9	-	1.52	0	0.39%	0.39%	0.08%	
2912	243256 05CABOT SS 138 246780 05CABOT 138 Z1	243256	05CABOT SS	246780	05CABOT	Z1	138	205	AEP	205	205	Base Case	0	3.1	-	1.51	0	0.00%	0.00%	0.00%	
2913	238534 02ANGOLA 138 238786 02HAWTHO 138 1	238534	02ANGOLA	238786	02HAWTHO	1	138	202	ATSI	287	335	Base Case	0	-4.3	-	1.49	0	0.00%	0.00%	0.01%	
2914	238589 02BRUSH 138 239307 02HARPERQ-21 138 1	238589	02BRUSH	239307	02HARPERQ-21	1	138	202	ATSI	143	146	Base Case	0	2.1	-	1.49	0	-0.02%	-0.02%	0.08%	
2915	243252 05BIXLRT 138 246769 05MINERR 138 1	243252	05BIXLRT	246769	05MINERR	1	138	205	AEP	251	335	Base Case	0	-3.7	-	1.48	0	0.05%	0.05%	0.03%	
2916	238656 02DBQ-11 138 239251 02GEQUTZ 138 1	238656	02DBQ-11	239251	02GEQUTZ	1	138	202	ATSI	258	308	Base Case	0	3.8	-	1.47	0	0.00%	0.00%	0.00%	
2917	244020 05MINK 138 246826 05MINK_T3 138 Z3	244020	05MINK	246826	05MINK_T3	Z3	138	205	AEP	747	747	Base Case	0	11	-	1.47	0	0.00%	0.00%	0.00%	
2918	247803 05SEGRETO 345 256019 18PALISD 345 1	247803	05SEGRETO	256019	18PALISD	1	345	205/218	AEP/METC	1409	1793	Base Case	0	-19.9	-	1.41	0	0.39%	0.39%	0.08%	
2919	247146 05DALRD8 138 247831 05DALMATN SS 138 Z1	247146	05DALRD8	247831	05DALMATN SS	Z1	138	205	AEP	548	601	Base Case	0	-7.6	-	1.38	0	0.00%	0.00%	0.00%	
2920	243206 05DUMONT 765 270644 WILTON ; 765 1	243206	05DUMONT	270644	WILTON ;	1	765	205/222	AEP/CE	3555	4105	Base Case	0	49	-	1.38	0	4.16%	4.16%	3.06%	
2921	245264 05UTICA CAD 138 247461 05FREEBYRD 138 Z4	245264	05UTICA CAD	247461	05FREEBYRD	Z4	138	205	AEP	747	747	Base Case	0	-10.3	-	1.37	0	0.00%	0.00%	0.00%	
2922	245264 05UTICA CAD 138 247461 05FREEBYRD 138 Z2	245264	05UTICA CAD	247461	05FREEBYRD	Z2	138	205	AEP	747	747	Base Case	0	-10.3	-	1.37	0	0.00%	0.00%	0.00%	
2923	243003 05FAYETTE Z 138 244971 05FAYETTE8 138 Z1	243003	05FAYETTE Z	244971	05FAYETTE8	Z1	138	205	AEP	205	205	Base Case	0	2.8	-	1.36	0	0.00%	0.00%	0.00%	
2924	238608 02CARLIL 138 239275 02FLDSTN 138 1	238608	02CARLIL	239275	02FLDSTN	1	138	202	ATSI	233	282	Base Case	0	3.1	-	1.35	0	0.04%	0.04%	0.02%	
2925	238956 02MFLDQ1 138 239011 02NP Q-1 138 1	238956	02MFLDQ1	239011	02NP Q-1	1	138	202	ATSI	265	316	Base Case	0	-3.5	-	1.34	0	0.02%	0.02%	-0.01%	
2926	243692 05HAZRD1 138 243704 05VICCO 138 1	243692	05HAZRD1	243704	05VICCO	1	138	205	AEP	167	240	Base Case	0	-2.2	-	1.33	0	0.09%	0.09%	0.05%	
2927	238578 02BORDMN 138 238998 02NEVADA 138 1	238578	02BORDMN	238998	02NEVADA	1	138	202	ATSI	265	316	Base Case	0	-3.5	-	1.32	0	-0.01%	-0.01%	0.04%	
2928	238838 02JIQ-11 138 239005 02NHTQ11 138 1	238838	02JIQ-11	239005	02NHTQ11	1	138	202	ATSI	273	332	Base Case	0	-3.6	-	1.32	0	0.08%	0.08%	-0.03%	
2929	242667 05HILL 138 242729 05NAGEL 138 1	242667	05HILL	242729	05NAGEL	1	138	205	AEP	205	205	Base Case	0	2.7	-	1.32	0	-0.01%	-0.01%	-0.18%	
2930	238884 02LEMO K 138 238890 02LEMOYN 138 ZB	238884	02LEMO K	238890	02LEMOYN	ZB	138	202	ATSI	579	743	Base Case	0	-7.7	-	1.32	0	-0.02%	-0.02%	0.06%	
2931	242670 05HOLST2 138 242722 05MORLAN 138 1	242670	05HOLST2	242722	05MORLAN	1	138	205	AEP	205	205	Base Case	0	-2.7	-	1.31	0	-0.02%	-0.02%	-0.19%	
2932	246108 05KAMMER24 138 246120 05KAMMER T6 138 Z6	246108	05KAMMER24	246120	05KAMMER T6	Z6	138	205	AEP	383	449	Base Case	0	5	-	1.31	0	0.00%	0.00%	0.00%	
2933	242594 05CHERCK 138 242604 05CLIFFT 138 1	242594	05CHERCK	242604	05CLIFFT	1	138	205	AEP	251	335	Base Case	0	-3.3	-	1.3	0	0.04%	0.04%	0.12%	
2934	249994 08CHRLES 138 250124 08WENDEA 138 1	249994	08CHRLES	250124	08WENDEA	1	138	212	DEO&K	234	244	Base Case	0	3	-	1.28	0	-0.01%	-0.01%	-0.04%	
2935	250042 08HANDS1 138 250097 08SGROVE 138 1	250042	08HANDS1	250097	08SGROVE	1	138	212	DEO&K	194	194	Base Case	0	-2.5	-	1.28	0	-0.02%	-0.02%	-0.07%	
2936	243085 05S CAD 138 247462 05STONEPLTSS 138 1	243085	05S CAD	247462	05STONEPLTSS	1	138	205	AEP	293	341	Base Case	0	3.7	-	1.27	0	0.21%	0.21%	-0.03%	
2937	238801 02HL Q-2 138 240283 02LKSHQ3 138 1	238801	02HL Q-2	240283	02LKSHQ3	1	138	202	ATSI	235	271	Base Case	0	3	-	1.26	0	0.00%	0.00%	0.02%	
2938	242704 05LOGAN1 138 242705 05LOGAN2 138 Z1	242704	05LOGAN1	242705	05LOGAN2	Z1	138	205	AEP	410	498	Base Case	0	-5.2	-	1.26	0	0.01%	0.01%	-0.14%	
2939	247004 05GUYAND 138 247005 05MACOAL 138 Z1	247004	05GUYAND	247005	05MACOAL	Z1	138	205	AEP	195	220	Base Case	0	2.4	-	1.23	0	0.00%	0.00%	0.00%	
2940	238796 02HGHLND 345 239303 02NILES 345 1	238796	02HGHLND	239303	02NILES	1	345	202	ATSI	1415	1745	Base Case	0	17.4	-	1.23	0	-0.76%	-0.76%	0.09%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
2941	243311 05ARN HOGAN 138 246913 05JONES 138 1	243311	05ARN HOGAN	246913	05JONES	1	138	205	AEP	257	360	Base Case	0	-3.1	-	1.22	0	-0.02%	-0.02%	-0.01%	
2942	242651 05GLENL2 138 242721 05MORGAN 138 1	242651	05GLENL2	242721	05MORGAN	1	138	205	AEP	134	167	Base Case	0	-1.6	-	1.22	0	0.07%	0.07%	0.29%	
2943	243483 05CRCLVS 138 246784 05CIRCV T1T2 138 Z1	243483	05CRCLVS	246784	05CIRCV T1T2	Z1	138	205	AEP	996	996	Base Case	0	12.1	-	1.21	0	0.00%	0.00%	0.00%	
2944	243483 05CRCLVS 138 246784 05CIRCV T1T2 138 Z2	243483	05CRCLVS	246784	05CIRCV T1T2	Z2	138	205	AEP	996	996	Base Case	0	12.1	-	1.21	0	0.00%	0.00%	0.00%	
2945	238926 02LTV 138 238928 02LTV+ 138 1	238926	02LTV	238928	02LTV+	1	138	202	ATSI	153	186	Base Case	0	-1.9	-	1.21	0	0.00%	0.00%	0.00%	
2946	253310 AC1-085 POI 345 253311 AC1-085 MAIN 345 1	253310	AC1-085 POI	253311	AC1-085 MAIN	1	345	209	DAY	9999	9999	Base Case	0	-120.7	-	1.21	0	-0.08%	-0.08%	-0.08%	
2947	243487 05CHK TAP Z 138 243512 05DIAMONDISS 138 1	243487	05CHK TAP Z	243512	05DIAMONDISS	1	138	205	AEP	216	243	Base Case	0	-2.6	-	1.2	0	-0.01%	-0.01%	-0.02%	
2948	243042 05MILLBR PK1 138 243069 05FIREBR 138 1	243042	05MILLBR PK1	243069	05FIREBR	1	138	205	AEP	185	185	Base Case	0	2.2	-	1.19	0	-0.10%	-0.10%	-0.02%	
2949	242678 05INDIAS 138 242732 05NBRSTL 138 1	242678	05INDIAS	242732	05NBRSTL	1	138	205	AEP	158	167	Base Case	0	1.9	-	1.19	0	0.00%	0.00%	0.05%	
2950	239133 02TANGY 345 246523 05HYATT SW1 345 1	239133	02TANGY	246523	05HYATT SW1	1	345	202/205	ATSI/AEP	971	1419	Base Case	0	-11.5	-	1.18	0	0.42%	0.42%	0.36%	
2951	247461 05FREEBYRD 138 247462 05STONEPLTSS 138 1	247461	05FREEBYRD	247462	05STONEPLTSS	1	138	205	AEP	293	341	Base Case	0	-3.4	-	1.17	0	0.21%	0.21%	-0.03%	
2952	243694 05INEZ 138 244572 05MARTIKI 138 1	243694	05INEZ	244572	05MARTIKI	1	138	205	AEP	257	349	Base Case	0	3	-	1.17	0	0.00%	0.00%	0.00%	
2953	243228 05MERIDN 345 243232 05SORENS 345 1	243228	05MERIDN	243232	05SORENS	1	345	205	AEP	897	897	Base Case	0	-10.4	-	1.16	0	0.50%	0.50%	0.42%	
2954	238952 02MCD + 138 238953 02MCD ST 138 1	238952	02MCD +	238953	02MCD ST	1	138	202	ATSI	195	195	Base Case	0	2.2	-	1.15	0	0.00%	0.00%	0.00%	
2955	242829 05TENNE1 138 242830 05TENNE2 138 Z1	242829	05TENNE1	242830	05TENNE2	Z1	138	205	AEP	483	483	Base Case	0	5.5	-	1.15	0	0.00%	0.00%	-0.02%	
2956	239115 02SP Q-4 138 239117 02SPXFQ4 138 ZB	239115	02SP Q-4	239117	02SPXFQ4	ZB	138	202	ATSI	999	999	Base Case	0	11.4	-	1.14	0	0.00%	0.00%	0.00%	
2957	242996 05EMERA8 138 247034 05EMERSS 138 1	242996	05EMERA8	247034	05EMERSS	1	138	205	AEP	200	200	Base Case	0	-2.3	-	1.14	0	0.00%	0.00%	0.00%	
2958	243378 05SPY RUN2 138 246373 05SPY RUN1 138 Z1	243378	05SPY RUN2	246373	05SPY RUN1	Z1	138	205	AEP	410	498	Base Case	0	-4.7	-	1.14	0	0.00%	0.00%	0.03%	
2959	238835 02JGSQ12 138 238881 02LTFQ16 138 1	238835	02JGSQ12	238881	02LTFQ16	1	138	202	ATSI	223	286	Base Case	0	2.5	-	1.14	0	-0.02%	-0.02%	0.00%	
2960	243514 05RJF CORP Z 138 246228 05RJF CORP 138 Z1	243514	05RJF CORP Z	246228	05RJF CORP	Z1	138	205	AEP	282	366	Base Case	0	3.2	-	1.12	0	0.00%	0.00%	0.00%	
2961	250087 08QUNGT1 138 250088 08QUNGT2 138 Z1	250087	08QUNGT1	250088	08QUNGT2	Z1	138	212	DEO&K	406	454	Base Case	0	-4.5	-	1.12	0	-0.01%	-0.01%	-0.02%	
2962	242573 05CABELL 138 242717 05MILTON 138 1	242573	05CABELL	242717	05MILTON	1	138	205	AEP	167	167	Base Case	0	1.9	-	1.12	0	-0.07%	-0.07%	-0.05%	
2963	238823 02INQ-14 138 238829 02IVYQ14 138 1	238823	02INQ-14	238829	02IVYQ14	1	138	202	ATSI	399	488	Base Case	0	-4.4	-	1.11	0	-0.03%	-0.03%	0.02%	
2964	238719 02FMCQ12 138 238807 02HMLQ12 138 1	238719	02FMCQ12	238807	02HMLQ12	1	138	202	ATSI	273	332	Base Case	0	3	-	1.11	0	-0.09%	-0.09%	0.00%	
2965	243567 05SBLMVL 138 247148 05SBLMSS 138 Z1	243567	05SBLMVL	247148	05SBLMSS	Z1	138	205	AEP	195	220	Base Case	0	-2.2	-	1.11	0	0.00%	0.00%	0.00%	
2966	242983 05CHANDLERVZ 138 245388 05CHANDLERV8 138 Z1	242983	05CHANDLERVZ	245388	05CHANDLERV8	Z1	138	205	AEP	205	205	Base Case	0	2.2	-	1.09	0	0.00%	0.00%	0.00%	
2967	242940 05MUSKNG 345 247832 05LAMPING 345 1	242940	05MUSKNG	247832	05LAMPING	1	345	205	AEP	915	971	Base Case	0	-9.8	-	1.07	0	1.65%	1.65%	-0.07%	
2968	242646 05FT.ROB SS 138 242729 05NAGEL 138 1	242646	05FT.ROB SS	242729	05NAGEL	1	138	205	AEP	205	205	Base Case	0	2.1	-	1.05	0	0.03%	0.03%	-0.09%	
2969	247803 05SEGRETO 345 256019 18PALISD 345 3	247803	05SEGRETO	256019	18PALISD	3	345	205/218	AEP/METC	1447	1542	Base Case	0	-15.1	-	1.04	0	0.29%	0.29%	0.06%	
2970	235703 01WYLIE R 500 239280 02CRNBRY 500 1	235703	01WYLIE R	239280	02CRNBRY	1	500	201/202	AP/ATSI	3542	4149	Base Case	0	36.5	-	1.03	0	-9.02%	-9.02%	1.62%	
2971	245647 05W.CAMP OSU 138 246907 05W.CAMPUS 138 Z9	245647	05W.CAMP OSU	246907	05W.CAMPUS	Z9	138	205	AEP	747	747	Base Case	0	-7.7	-	1.03	0	0.00%	0.00%	0.00%	
2972	245647 05W.CAMP OSU 138 246907 05W.CAMPUS 138 Z8	245647	05W.CAMP OSU	246907	05W.CAMPUS	Z8	138	205	AEP	747	747	Base Case	0	-7.7	-	1.03	0	0.00%	0.00%	0.00%	
2973	245647 05W.CAMP OSU 138 246907 05W.CAMPUS 138 Z7	245647	05W.CAMP OSU	246907	05W.CAMPUS	Z7	138	205	AEP	747	747	Base Case	0	-7.7	-	1.03	0	0.00%	0.00%	0.00%	
2974	243306 05HARPER 138 243342 05MILAN 138 1	243306	05HARPER	243342	05MILAN	1	138	205	AEP	167	245	Base Case	0	1.7	-	1	0	-0.03%	-0.03%	-0.02%	
2975	243867 05FRCS34 345 243868 05FRCS-3 345 1	243867	05FRCS34	243868	05FRCS-3	1	345	205	AEP	1001	1631	Base Case	0	-10	-	1	0	-0.01%	-0.01%	-0.01%	
2976	243024 05HOWARD 138 243061 05NLEXTN 138 1	243024	05HOWARD	243061	05NLEXTN	1	138	205	AEP	200	200	Base Case	0	2	-	0.99	0	0.01%	0.01%	-0.10%	
2977	243455 05CONES 345 243456 05CORRID 345 1	243455	05CONES	243456	05CORRID	1	345	205	AEP	1217	1374	Base Case	0	11.7	-	0.96	0	0.20%	0.20%	-0.13%	
2978	249987 08BETHNY 138 250084 08PARK1 138 1	249987	08BETHNY	250084	08PARK1	1	138	212	DEO&K	394	394	Base Case	0	-3.8	-	0.96	0	0.06%	0.06%	0.06%	
2979	238524 02AD Q-2 138 238915 02LRN Q2 138 1	238524	02AD Q-2	238915	02LRN Q2	1	138	202	ATSI	265	316	Base Case	0	-2.5	-	0.96	0	-0.11%	-0.11%	0.00%	
2980	238996 02NEQ-15 138 239013 02NSQ-15 138 1	238996	02NEQ-15	239013	02NSQ-15	1	138	202	ATSI	273	332	Base Case	0	2.6	-	0.96	0	-0.08%	-0.08%	0.02%	
2981	243083 05CAMPSS 138 243121 05ROCKPO 138 1	243083	05CAMPSS	243121	05ROCKPO	1	138	205	AEP	145	177	Base Case	0	1.4	-	0.94	0	0.00%	0.00%	0.00%	
2982	243885 05THORSS 138 243886 05COBB 138 1	243885	05THORSS	243886	05COBB	1	138	205	AEP	426	426	Base Case	0	4	-	0.94	0	0.00%	0.00%	0.00%	
2983	242634 05EDGEMO 138 242636 05FALLBR 138 1	242634	05EDGEMO	242636	05FALLBR	1	138	205	AEP	167	240	Base Case	0	-1.6	-	0.94	0	0.06%	0.06%	0.05%	
2984	238524 02AD Q-2 138 241928 02AVQ2 138 1	238524	02AD Q-2	241928	02AVQ2	1	138	202	ATSI	273	332	Base Case	0	2.5	-	0.93	0	-0.11%	-0.11%	0.00%	
2985	243476 05BOLINSMLSS 138 246684 05BOLINS ML8 138 Z1	243476	05BOLINSMLSS	246684	05BOLINS ML8	Z1	138	205	AEP	200	200	Base Case	0	1.8	-	0.92	0	0.00%	0.00%	0.00%	
2986	242704 05LOGAN1 138 242726 05MUDFRK 138 1	242704	05LOGAN1	242726	05MUDFRK	1	138	205	AEP	251	309	Base Case	0	-2.3	-	0.91	0	-0.07%	-0.07%	-0.12%	
2987	250061 08MDWAY2 138 250118 08TRMNL2 138 1	250061	08MDWAY2	250118	08TRMNL2	1	138	212	DEO&K	275	275	Base Case	0	-2.5	-	0.91	0	0.03%	0.03%	-0.01%	
2988	249581 08MELDAL 345 342838 7SPURLOCK 345 1	249581	08MELDAL	342838	7SPURLOCK	1	345	212/320	DEO&K/EKPC	1274	1421	Base Case	0	11.4	-	0.89	0	-0.46%	-0.46%	-0.65%	
2989	243856 05JUG ST 1-6 138 247805 05SMITHMILL8 138 1	243856	05JUG ST 1-6	247805	05SMITHMILL8	1	138	205	AEP	257	360	Base Case	0	2.3	-	0.89	0	0.00%	0.00%	0.00%	
2990	243353 05OLIVE 138 246092 05NEW CAR_BP 138 1	243353	05OLIVE	246092	05NEW CAR_BP	1	138	205	AEP	187	240	Base Case	0	1.6	-	0.87	0	-0.06%	-0.06%	-0.02%	
2991	246092 05NEW CAR_BP 138 246994 05RICKMN 138 1	246092	05NEW CAR_BP	246994	05RICKMN	1	138	205	AEP	187	223	Base Case	0	1.6	-	0.87	0	-0.06%	-0.06%	-0.02%	
2992	243118 05SUMMER 138 247156 05STEAMT 138 1	243118	05SUMMER	247156	05STEAMT	1	138	205	AEP	205	284	Base Case	0	-1.8	-	0.87	0	-0.17%	-0.17%	0.05%	
2993	250059 08MAINVL 138 250147 08COLUMB 138 1	250059	08MAINVL	250147	08COLUMB	1	138	212	DEO&K	298	298	Base Case	0	2.6	-	0.86	0	-0.01%	-0.01%	-0.02%	
2994	243379 05STATES 138 243384 05TRIER 138 1	243379	05STATES	243384	05TRIER	1	138	205	AEP	219	251	Base Case	0	1.9	-	0.85	0	0.07%	0.07%	0.05%	
2995	243671 05BEAVER CR1 138 245913 05KEWANEE 138 1	243671	05BEAVER CR1	245913	05KEWANEE	1	138	205	AEP	296	378	Base Case	0	2.5	-	0.84	0	-0.08%	-0.08%	0.08%	
2996	243458 05HYATT 345 246523 05HYATT SW1 345 Z1	243458	05HYATT	246523	05HYATT SW1	Z1	345	205	AEP	1370	1503	Base Case	0	11.5	-	0.84	0	0.42%	0.42%	0.36%	
2997	243920 05MAKAHOY 138 246988 05STRWTN 138 1	243920	05MAKAHOY	246988	05STRWTN	1	138	205	AEP	205	284	Base Case	0	-1.7	-	0.84	0	-0.02%	-0.02%	-0.05%	
2998	238958 02MFLDQ3 138 239016 02NT Q15 138 1	238958	02MFLDQ3	239016	02NT Q15	1	138	202	ATSI	265	316	Base Case	0	-2.2	-	0.83	0	0.02%	0.02%	-0.01%	
2999	242817 05STONBR 138 247242 05CHAPSS 138 1	242817	05STONBR	247242	05CHAPSS	1	138	205	AEP	296	378	Base Case	0	2.4	-	0.82	0	-0.05%	-0.05%	-0.14%	
3000	238905 02LNC.PK 138 239077 02RVERBD 138 1	238905	02LNC.PK	239077	02RVERBD	1	138	202	ATSI	275	333	Base Case	0	2.1	-	0.78	0	0.04%	0.04%	0.00%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
3001	238800 02HL Q-1 138 240281 02LKSHQ1 138 1	238800	02HL Q-1	240281	02LKSHQ1	1	138	202	ATSI	235	271	Base Case	0	-1.8	-	0.77	0	-0.01%	-0.01%	-0.01%	
3002	242772 05RIVERV 138 247641 05GLADSTON 138 1	242772	05RIVERV	247641	05GLADSTON	1	138	205	AEP	296	413	Base Case	0	2.2	-	0.76	0	0.00%	0.00%	0.00%	
3003	242621 05DARRH1 138 242626 05E.HUNTING2 138 1	242621	05DARRH1	242626	05E.HUNTING2	1	138	205	AEP	296	413	Base Case	0	2.1	-	0.71	0	0.01%	0.01%	0.03%	
3004	243944 05GEORGE ST 138 243945 05LYNBROOK 138 1	243944	05GEORGE ST	243945	05LYNBROOK	1	138	205	AEP	548	590	Base Case	0	-3.9	-	0.71	0	0.01%	0.01%	0.44%	
3005	242788 05SALTV1 138 242789 05SALTV2 138 Z1	242788	05SALTV1	242789	05SALTV2	Z1	138	205	AEP	287	337	Base Case	0	-2	-	0.69	0	0.02%	0.02%	0.13%	
3006	238637 02CPP LS 138 240282 02LKSHQ2 138 1	238637	02CPP LS	240282	02LKSHQ2	1	138	202	ATSI	240	240	Base Case	0	1.6	-	0.68	0	-0.15%	-0.15%	-0.02%	
3007	242846 05WHARTN 138 242847 05WHARTZ 138 1	242846	05WHARTN	242847	05WHARTZ	1	138	205	AEP	205	284	Base Case	0	-1.4	-	0.68	0	0.00%	0.00%	0.00%	
3008	242649 05GARRSN 138 242776 05ROCKHS 138 1	242649	05GARRSN	242776	05ROCKHS	1	138	205	AEP	219	223	Base Case	0	1.4	-	0.65	0	0.03%	0.03%	-0.16%	
3009	243063 05N.NEWARK1 138 245964 05N.NEWARK2 138 Z1	243063	05N.NEWARK1	245964	05N.NEWARK2	Z1	138	205	AEP	164	180	Base Case	0	1.1	-	0.64	0	0.04%	0.04%	-0.12%	
3010	246440 05S.OLIVE L8 138 247799 05S.OLIVE SS 138 Z1	246440	05S.OLIVE L8	247799	05S.OLIVE SS	Z1	138	205	AEP	296	400	Base Case	0	-1.9	-	0.64	0	0.00%	0.00%	0.00%	
3011	238771 02GTQ-11 138 239118 02SSPQ11 138 1	238771	02GTQ-11	239118	02SSPQ11	1	138	202	ATSI	273	332	Base Case	0	-1.7	-	0.63	0	-0.06%	-0.06%	0.02%	
3012	243695 05JOHNSC 138 246316 05STONE 138 1	243695	05JOHNSC	246316	05STONE	1	138	205	AEP	262	332	Base Case	0	1.6	-	0.63	0	-0.09%	-0.09%	-0.05%	
3013	238586 02BRKSID 138 239168 02WELNGT 138 1	238586	02BRKSID	239168	02WELNGT	1	138	202	ATSI	105	135	Base Case	0	-0.6	-	0.62	0	0.09%	0.09%	-0.09%	
3014	250136 08HILCRT 138 250166 HLCRST AB114 138 1	250136	08HILCRT	250166	HLCRST AB114	1	138	212	DEO&K	9999	9999	Base Case	0	-60.7	-	0.61	0	-0.04%	-0.04%	-0.04%	
3015	238764 02GRANGR 138 239161 02WAKRON 138 1	238764	02GRANGR	239161	02WAKRON	1	138	202	ATSI	233	282	Base Case	0	-1.4	-	0.61	0	0.13%	0.13%	0.01%	
3016	247824 05NUTALL 138 247826 05MOLLYS CRK 138 1	247824	05NUTALL	247826	05MOLLYS CRK	1	138	205	AEP	316	444	Base Case	0	-1.9	-	0.6	0	-0.14%	-0.14%	0.16%	
3017	247702 05AZALEA 138 247703 05LEESVILLE 138 1	247702	05AZALEA	247703	05LEESVILLE	1	138	205	AEP	521	521	Base Case	0	-3.1	-	0.59	0	0.00%	0.00%	0.00%	
3018	238586 02BRKSID 138 241111 02ASHLAND 138 1	238586	02BRKSID	241111	02ASHLAND	1	138	202	ATSI	167	245	Base Case	0	1	-	0.59	0	0.21%	0.21%	0.02%	
3019	242535 05ALUMRG 138 242640 05FLOYD 138 1	242535	05ALUMRG	242640	05FLOYD	1	138	205	AEP	180	227	Base Case	0	-1	-	0.56	0	0.05%	0.05%	0.60%	
3020	242544 05AXTON 138 242620 05DANVL2 138 1	242544	05AXTON	242620	05DANVL2	1	138	205	AEP	296	388	Base Case	0	-1.6	-	0.52	0	0.30%	0.30%	2.94%	
3021	243884 05MORISB 138 243885 05THORSS 138 1	243884	05MORISB	243885	05THORSS	1	138	205	AEP	426	426	Base Case	0	-2.2	-	0.52	0	0.00%	0.00%	0.00%	
3022	250124 08WENDEA 138 250126 08WENDWE 138 Z1	250124	08WENDEA	250126	08WENDWE	Z1	138	212	DEO&K	516	582	Base Case	0	2.7	-	0.51	0	-0.01%	-0.01%	0.00%	
3023	250124 08WENDEA 138 250126 08WENDWE 138 2	250124	08WENDEA	250126	08WENDWE	2	138	212	DEO&K	516	582	Base Case	0	2.7	-	0.51	0	-0.01%	-0.01%	0.00%	
3024	250123 08WARRN2 138 250147 08COLUMB 138 1	250123	08WARRN2	250147	08COLUMB	1	138	212	DEO&K	298	298	Base Case	0	-1.5	-	0.51	0	-0.01%	-0.01%	-0.02%	
3025	243233 05TANNER 345 254524 16HANNA 345 1	243233	05TANNER	254524	16HANNA	1	345	205/216	AEP/IPL	1132	1132	Base Case	0	-5.3	-	0.47	0	-0.26%	-0.26%	0.01%	
3026	246946 05WLDCAT 138 926101 AC1-089 MAIN 138 1	246946	05WLDCAT	926101	AC1-089 MAIN	1	138	205	AEP	9999	9999	Base Case	0	-45.4	-	0.45	0	-0.03%	-0.03%	-0.03%	
3027	242812 05MINERAL8 138 244283 05MINERAL SS 138 Z1	242812	05MINERAL8	244283	05MINERAL SS	Z1	138	205	AEP	223	223	Base Case	0	-1	-	0.45	0	0.00%	0.00%	0.00%	
3028	243082 05ROCKHILL1 138 245516 05ROCKHILL2 138 Z1	243082	05ROCKHILL1	245516	05ROCKHILL2	Z1	138	205	AEP	187	240	Base Case	0	0.8	-	0.45	0	0.00%	0.00%	-0.03%	
3029	243552 05PICKR8 138 246021 05W.LANCAST2 138 1	243552	05PICKR8	246021	05W.LANCAST2	1	138	205	AEP	296	413	Base Case	0	1.2	-	0.42	0	-0.09%	-0.09%	-0.02%	
3030	242686 05JEHU BR SS 138 242730 05NBECKL 138 1	242686	05JEHU BR SS	242730	05NBECKL	1	138	205	AEP	205	255	Base Case	0	-0.8	-	0.4	0	0.03%	0.03%	-0.07%	
3031	238889 02LEMOYN 345 264599 19MAJTC 345 1	238889	02LEMOYN	264599	19MAJTC	1	345	202/219	ATSI/ITCT	953	953	Base Case	0	3.6	-	0.38	0	0.50%	0.50%	0.10%	
3032	238854 02KDTPQ3 138 238958 02MFLDQ3 138 1	238854	02KDTPQ3	238958	02MFLDQ3	1	138	202	ATSI	176	229	Base Case	0	-0.7	-	0.38	0	0.14%	0.14%	-0.04%	
3033	243497 05DELANO 138 243570 05CLAYBN 138 1	243497	05DELANO	243570	05CLAYBN	1	138	205	AEP	323	449	Base Case	0	-1.2	-	0.37	0	0.00%	0.00%	0.05%	
3034	246911 05HIGHLA 138 247035 05NMARSS 138 1	246911	05HIGHLA	247035	05NMARSS	1	138	205	AEP	223	223	Base Case	0	-0.8	-	0.37	0	0.07%	0.07%	0.05%	
3035	242683 05J.EARL 138 244287 05WOLF GLADE 138 1	242683	05J.EARL	244287	05WOLF GLADE	1	138	205	AEP	219	251	Base Case	0	0.8	-	0.35	0	-0.02%	-0.02%	-0.06%	
3036	243537 05MALIS 138 243538 05MALISX 138 SR	243537	05MALIS	243538	05MALISX	SR	138	205	AEP	820	928	Base Case	0	-2.8	-	0.34	0	0.00%	0.00%	0.00%	
3037	247864 05LOGTOWN 138 247926 T131 TR 138 1	247864	05LOGTOWN	247926	T131 TR	1	138	205	AEP	9999	9999	Base Case	0	-31.8	-	0.32	0	-0.02%	-0.02%	-0.02%	
3038	243903 05GUNN RD SS 345 247540 U2-072 C 345 Z1	243903	05GUNN RD SS	247540	U2-072 C	Z1	345	205	AEP	9999	9999	Base Case	0	-31.2	-	0.31	0	-0.02%	-0.02%	-0.02%	
3039	242933 05RPMONE 345 243211 05ALLEN 345 1	242933	05RPMONE	243211	05ALLEN	1	345	205	AEP	897	897	Base Case	0	-2.6	-	0.29	0	-0.95%	-0.95%	-0.25%	
3040	243209 05ROCKPT 765 247133 05ROCKP WRK1 765 Z7	243209	05ROCKPT	247133	05ROCKP WRK1	Z7	765	205	AEP	6330	7590	Base Case	0	18.3	-	0.29	0	0.00%	0.00%	0.00%	
3041	243209 05ROCKPT 765 247135 05ROCKP WRK2 765 Z8	243209	05ROCKPT	247135	05ROCKP WRK2	Z8	765	205	AEP	6330	7590	Base Case	0	18.3	-	0.29	0	0.00%	0.00%	0.00%	
3042	246407 05CABIN CRK2 138 247064 05KANAWHA2 138 2	246407	05CABIN CRK2	247064	05KANAWHA2	2	138	205	AEP	187	240	Base Case	0	-0.5	-	0.26	0	0.08%	0.08%	0.19%	
3043	243356 05OSOLO1 138 247541 05OSOLO2 138 Z1	243356	05OSOLO1	247541	05OSOLO2	Z1	138	205	AEP	329	361	Base Case	0	-0.9	-	0.26	0	0.04%	0.04%	0.02%	
3044	243257 05CALVERTZ 138 246411 05CALVERT 138 Z1	243257	05CALVERTZ	246411	05CALVERT	Z1	138	205	AEP	158	183	Base Case	0	0.4	-	0.25	0	0.00%	0.00%	0.00%	
3045	238529 02AIRPK+ 138 238703 02ESPRNG 138 1	238529	02AIRPK+	238703	02ESPRNG	1	138	202	ATSI	200	242	Base Case	0	-0.5	-	0.25	0	0.07%	0.07%	0.02%	
3046	238880 02LTFQ15 138 240247 02CK TP15 138 1	238880	02LTFQ15	240247	02CK TP15	1	138	202	ATSI	273	332	Base Case	0	0.7	-	0.25	0	0.01%	0.01%	-0.01%	
3047	242510 05BAKER 765 242513 05CULLOD 765 1	242510	05BAKER	242513	05CULLOD	1	765	205	AEP	4047	4571	Base Case	0	-9.7	-	0.24	0	1.82%	1.82%	-0.93%	
3048	243867 05FRCS34 345 243871 05FRCS-4 345 1	243867	05FRCS34	243871	05FRCS-4	1	345	205	AEP	9999	9999	Base Case	0	-23.2	-	0.23	0	-0.01%	-0.01%	-0.01%	
3049	250063 08MHLTY1 138 250069 08MPLKL2 138 1	250063	08MHLTY1	250069	08MPLKL2	1	138	212	DEO&K	266	266	Base Case	0	-0.6	-	0.23	0	-0.01%	-0.01%	0.00%	
3050	238913 02LRCRQ2 138 238914 02LRCRQ3 138 ZB	238913	02LRCRQ2	238914	02LRCRQ3	ZB	138	202	ATSI	2500	2500	Base Case	0	5.6	-	0.22	0	0.04%	0.04%	-0.01%	
3051	243878 05MEADOW 345 930041 AB1-006 C 345 1	243878	05MEADOW	930041	AB1-006 C	1	345	205	AEP	9999	9999	Base Case	0	-20.8	-	0.21	0	-0.01%	-0.01%	-0.01%	
3052	243792 05LOSANTVILL 345 247543 V3-007 C 345 Z1	243792	05LOSANTVILL	247543	V3-007 C	Z1	345	205	AEP	9999	9999	Base Case	0	-20.8	-	0.21	0	-0.01%	-0.01%	-0.01%	
3053	238761 02GPPR + 138 238970 02MRST + 138 1	238761	02GPPR +	238970	02MRST +	1	138	202	ATSI	200	242	Base Case	0	-0.4	-	0.19	0	0.00%	0.00%	0.00%	
3054	242591 05CENTRR 138 242724 05MOSELEY 138 1	242591	05CENTRR	242724	05MOSELEY	1	138	205	AEP	167	245	Base Case	0	-0.3	-	0.18	0	-0.04%	-0.04%	-0.24%	
3055	238720 02FMCQ13 138 238808 02HMLQ13 138 1	238720	02FMCQ13	238808	02HMLQ13	1	138	202	ATSI	191	245	Base Case	0	0.4	-	0.18	0	-0.10%	-0.10%	-0.01%	
3056	242574 05CABIN CRK1 138 242689 05KANAWHA1 138 1	242574	05CABIN CRK1	242689	05KANAWHA1	1	138	205	AEP	187	240	Base Case	0	0.3	-	0.18	0	-0.08%	-0.08%	-0.19%	
3057	245876 05OXFORD M8 138 247462 05STONEPLTSS 138 Z1	245876	05OXFORD M8	247462	05STONEPLTSS	Z1	138	205	AEP	205	205	Base Case	0	-0.3	-	0.14	0	0.00%	0.00%	0.00%	
3058	243319 05JAY 138 933591 AC2-176 MAIN 138 1	243319	05JAY	933591	AC2-176 MAIN	1	138	205	AEP	9999	9999	Base Case	0	-13.5	-	0.13	0	-0.01%	-0.01%	-0.01%	
3059	243035 05MEIG 1 138 243038 05MEIG1Z 138 1	243035	05MEIG 1	243038	05MEIG1Z	1	138	205	AEP	158	183	Base Case	0	-0.2	-	0.13	0	0.00%	0.00%	0.00%	
3060	242653 05GRANDV 138 939800 AE1-212 TAP 138 1	242653	05GRANDV	939800	AE1-212 TAP	1	138	205	AEP	9999	9999	Base Case	0	12.3	-	0.12	0	0.04%	0.04%	0.12%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
3061	242604 05CLIFFT 138 939800 AE1-212 TAP 138 1	242604	05CLIFFT	939800	AE1-212 TAP	1	138	205	AEP	9999	9999	Base Case	0	-12.3	-	0.12	0	0.04%	0.04%	0.12%	
3062	246407 05CABIN CRK2 138 246409 05CABIN C T8 138 ZL	246407	05CABIN CRK2	246409	05CABIN C T8	ZL	138	205	AEP	369	369	Base Case	0	-0.5	-	0.12	0	0.01%	0.01%	-0.01%	
3063	242544 05AXTON 138 242619 05DANVL1 138 2	242544	05AXTON	242619	05DANVL1	2	138	205	AEP	296	398	Base Case	0	0.4	-	0.12	0	-0.20%	-0.20%	-1.95%	
3064	242735 05NPOINT 138 247242 05CHAPSS 138 1	242735	05NPOINT	247242	05CHAPSS	1	138	205	AEP	389	559	Base Case	0	-0.5	-	0.12	0	-0.02%	-0.02%	-0.31%	
3065	242570 05BUCHAN 138 242690 05KEENMT 138 1	242570	05BUCHAN	242690	05KEENMT	1	138	205	AEP	116	116	Base Case	0	-0.1	-	0.11	0	0.00%	0.00%	0.00%	
3066	243278 05DESOTO 138 243296 05GASTON 138 1	243278	05DESOTO	243296	05GASTON	1	138	205	AEP	223	310	Base Case	0	-0.2	-	0.11	0	-0.05%	-0.05%	-0.04%	
3067	243784 05S.BTLR 345 247105 05VARNER 345 Z2	243784	05S.BTLR	247105	05VARNER	Z2	345	205	AEP	99999	99999	Base Case	0	-110	-	0.11	0	0.00%	0.00%	0.00%	
3068	243784 05S.BTLR 345 247105 05VARNER 345 Z3	243784	05S.BTLR	247105	05VARNER	Z3	345	205	AEP	99999	99999	Base Case	0	-110	-	0.11	0	0.00%	0.00%	0.00%	
3069	243784 05S.BTLR 345 247105 05VARNER 345 Z1	243784	05S.BTLR	247105	05VARNER	Z1	345	205	AEP	99999	99999	Base Case	0	-110	-	0.11	0	0.00%	0.00%	0.00%	
3070	243689 05HARBER 138 243875 05SOFTSH 138 1	243689	05HARBER	243875	05SOFTSH	1	138	205	AEP	184	184	Base Case	0	-0.2	-	0.11	0	0.00%	0.00%	0.00%	
3071	242544 05AXTON 138 242545 05AXTONX 138 SR	242544	05AXTON	242545	05AXTONX	SR	138	205	AEP	696	747	Base Case	0	-0.7	-	0.11	0	0.00%	0.00%	-0.02%	
3072	243039 05MELMOR 138 247551 U4-028 C 138 Z1	243039	05MELMOR	247551	U4-028 C	Z1	138	205	AEP	9999	9999	Base Case	0	-10.4	-	0.1	0	-0.01%	-0.01%	-0.01%	
3073	243039 05MELMOR 138 247552 U4-029 C 138 Z1	243039	05MELMOR	247552	U4-029 C	Z1	138	205	AEP	9999	9999	Base Case	0	-10.4	-	0.1	0	-0.01%	-0.01%	-0.01%	
3074	246352 05HAVILAND2 138 247563 V1-011 138 1	246352	05HAVILAND2	247563	V1-011	1	138	205	AEP	9999	9999	Base Case	0	-10.4	-	0.1	0	-0.01%	-0.01%	-0.01%	
3075	243000 05EWOOST 138 243158 05WOOSTE 138 1	243000	05EWOOST	243158	05WOOSTE	1	138	205	AEP	187	205	Base Case	0	0.2	-	0.1	0	0.19%	0.19%	-0.03%	
3076	242855 05WYOMIN 138 242857 05WYOMX2 138 SR	242855	05WYOMIN	242857	05WYOMX2	SR	138	205	AEP	696	747	Base Case	0	-0.7	-	0.09	0	0.00%	0.00%	0.00%	
3077	242855 05WYOMIN 138 242856 05WYOMX1 138 SR	242855	05WYOMIN	242856	05WYOMX1	SR	138	205	AEP	696	747	Base Case	0	-0.7	-	0.09	0	0.00%	0.00%	0.00%	
3078	243689 05HARBER 138 243700 05SPICEW 138 1	243689	05HARBER	243700	05SPICEW	1	138	205	AEP	219	255	Base Case	0	0.2	-	0.09	0	0.00%	0.00%	0.00%	
3079	242776 05ROCKHS 138 242820 05SUNDL1 138 1	242776	05ROCKHS	242820	05SUNDL1	1	138	205	AEP	219	223	Base Case	0	-0.2	-	0.08	0	-0.03%	-0.03%	0.16%	
3080	243350 05NICKER 138 243376 05SODUS 138 1	243350	05NICKER	243376	05SODUS	1	138	205	AEP	219	255	Base Case	0	-0.2	-	0.08	0	0.02%	0.02%	0.02%	
3081	247926 T131 TR 138 926862 AC1-173 MAIN 138 1	247926	T131 TR	926862	AC1-173 MAIN	1	138	205	AEP	9999	9999	Base Case	0	-7.9	-	0.08	0	-0.01%	-0.01%	-0.01%	
3082	250171 08OAKBK1 138 250172 08AERO 138 1	250171	08OAKBK1	250172	08AERO	1	138	212	DEO&K	301	301	Base Case	0	-0.2	-	0.07	0	-0.01%	-0.01%	-0.01%	
3083	238773 02GTQ-13 138 239119 02SSPQ13 138 1	238773	02GTQ-13	239119	02SSPQ13	1	138	202	ATSI	273	332	Base Case	0	-0.2	-	0.07	0	-0.05%	-0.05%	-0.01%	
3084	244745 05BABBIT1-2 138 245491 05BABBIT3-4 138 Z1	244745	05BABBIT1-2	245491	05BABBIT3-4	Z1	138	205	AEP	99999	99999	Base Case	0	53.1	-	0.05	0	0.00%	0.00%	0.00%	
3085	244745 05BABBIT1-2 138 245491 05BABBIT3-4 138 Z2	244745	05BABBIT1-2	245491	05BABBIT3-4	Z2	138	205	AEP	99999	99999	Base Case	0	53.1	-	0.05	0	0.00%	0.00%	0.00%	
3086	238640 02CRISS 138 239073 02ROBERT 138 1	238640	02CRISS	239073	02ROBERT	1	138	202	ATSI	152	179	Base Case	0	-0.1	-	0.05	0	0.04%	0.04%	-0.04%	
3087	242638 05FIELDALE1 138 244390 05FIELDALE3 138 Z1	242638	05FIELDALE1	244390	05FIELDALE3	Z1	138	205	AEP	99999	99999	Base Case	0	45	-	0.04	0	0.02%	0.02%	0.58%	
3088	244390 05FIELDALE3 138 244904 05FIELDALE4 138 ZF	244390	05FIELDALE3	244904	05FIELDALE4	ZF	138	205	AEP	99999	99999	Base Case	0	44.9	-	0.04	0	0.02%	0.02%	0.58%	
3089	243799 05FIELDALE2 138 244904 05FIELDALE4 138 Z2	243799	05FIELDALE2	244904	05FIELDALE4	Z2	138	205	AEP	99999	99999	Base Case	0	-44.9	-	0.04	0	0.02%	0.02%	0.58%	
3090	242534 05ALLOY 138 247535 R-076 138 Z1	242534	05ALLOY	247535	R-076	Z1	138	205	AEP	9999	9999	Base Case	0	-4.4	-	0.04	0	0.00%	0.00%	0.00%	
3091	242566 05BROADF 138 242567 05BROADX 138 SR	242566	05BROADF	242567	05BROADX	SR	138	205	AEP	348	370	Base Case	0	0.1	-	0.04	0	0.00%	0.00%	0.00%	
3092	246931 05BLUECK 115 246932 05BLCKCS 115 1	246931	05BLUECK	246932	05BLCKCS	1	115	205	AEP	99999	99999	Base Case	0	-39.3	-	0.04	0	-0.03%	-0.03%	-0.03%	
3093	238997 02NEQ-16 138 239014 02NSQ-16 138 1	238997	02NEQ-16	239014	02NSQ-16	1	138	202	ATSI	278	339	Base Case	0	0.1	-	0.04	0	-0.09%	-0.09%	0.03%	
3094	243266 05COUNTR 138 247620 Y3-023 138 1	243266	05COUNTR	247620	Y3-023	1	138	205	AEP	9999	9999	Base Case	0	-3.6	-	0.04	0	0.00%	0.00%	0.00%	
3095	249995 08CLINCO 138 250122 08WARRN1 138 1	249995	08CLINCO	250122	08WARRN1	1	138	212	DEO&K	198	198	Base Case	0	-0.1	-	0.04	0	-0.13%	-0.13%	-0.13%	
3096	242684 05J.FERR 138 242685 05J.FERX 138 SR	242684	05J.FERR	242685	05J.FERX	SR	138	205	AEP	383	449	Base Case	0	0.1	-	0.03	0	0.00%	0.00%	0.00%	
3097	238853 02KDTPQ1 138 238956 02MFLDQ1 138 1	238853	02KDTPQ1	238956	02MFLDQ1	1	138	202	ATSI	176	229	Base Case	0	0.1	-	0.03	0	-0.14%	-0.14%	0.05%	
3098	243856 05JUG ST 1-6 138 246647 05JUG ST T1 138 Z1	243856	05JUG ST 1-6	246647	05JUG ST T1	Z1	138	205	AEP	99999	99999	Base Case	0	30	-	0.03	0	0.00%	0.00%	0.00%	
3099	242955 05APPLE VLYZ 138 245566 05APPLE VLY8 138 Z1	242955	05APPLE VLYZ	245566	05APPLE VLY8	Z1	138	205	AEP	23205	23205	Base Case	0	6.7	-	0.03	0	0.00%	0.00%	0.00%	
3100	243786 05WILMINGTON 138 247106 05VARNER 138 Z1	243786	05WILMINGTON	247106	05VARNER	Z1	138	205	AEP	99999	99999	Base Case	0	-28	-	0.03	0	0.00%	0.00%	0.00%	
3101	239312 02NS-YORK 138 239348 02WORTHST 138 1	239312	02NS-YORK	239348	02WORTHST	1	138	202	ATSI	278	343	Base Case	0	-0.1	-	0.03	0	-0.07%	-0.07%	0.00%	
3102	242745 05PEAKCK 138 270147 AE1-018 C 138 1	242745	05PEAKCK	270147	AE1-018 C	1	138	205	AEP	9999	9999	Base Case	0	-2.2	-	0.02	0	0.00%	0.00%	0.00%	
3103	244412 05WTRV SLR C 138 247134 05EWATRV 138 1	244412	05WTRV SLR C	247134	05EWATRV	1	138	205	AEP	9999	9999	Base Case	0	1.8	-	0.02	0	0.00%	0.00%	0.00%	
3104	243856 05JUG ST 1-6 138 247065 05JUG ST T2 138 Z1	243856	05JUG ST 1-6	247065	05JUG ST T2	Z1	138	205	AEP	99999	99999	Base Case	0	13.4	-	0.01	0	0.00%	0.00%	0.00%	
3105	239099 02SENECA 138 239935 02MARKWEST 138 1	239099	02SENECA	239935	02MARKWEST	1	138	202	ATSI	312	380	Base Case	0	0	-	0.01	0	0.68%	0.68%	-0.05%	
3106	243517 05CAP AV 138 247643 Z2-116 C 138 1	243517	05CAP AV	247643	Z2-116 C	1	138	205	AEP	9999	9999	Base Case	0	-1	-	0.01	0	0.00%	0.00%	0.00%	
3107	243382 05TANNER CK1 138 245407 05TANNER CK2 138 Z1	243382	05TANNER CK1	245407	05TANNER CK2	Z1	138	205	AEP	213	280	Base Case	0	0	-	0.01	0	0.00%	0.00%	0.00%	
3108	242737 05OPOSSUMCK 138 247765 05OPOSUMC_CB 138 Z1	242737	05OPOSSUMCK	247765	05OPOSUMC_CB	Z1	138	205	AEP	358	421	Base Case	0	0	-	0.01	0	0.00%	0.00%	0.00%	
3109	242737 05OPOSSUMCK 138 246414 05OPOSUMC_CA 138 Z2	242737	05OPOSSUMCK	246414	05OPOSUMC_CA	Z2	138	205	AEP	410	527	Base Case	0	0	-	0.01	0	0.00%	0.00%	0.00%	
3110	907200 AD1-103 TAP 345 934760 AD1-103 MAIN 345 1	907200	AD1-103 TAP	934760	AD1-103 MAIN	1	345	202	ATSI	100	100	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3111	243518 05GROVES 138 246760 05REFUGE 138 1	243518	05GROVES	246760	05REFUGE	1	138	205	AEP	209	209	Base Case	0	0	-	0	0	-0.02%	-0.02%	0.00%	
3112	242807 05SPORN 138 247040 05MOUNTN 138 2	242807	05SPORN	247040	05MOUNTN	2	138	205	AEP	219	251	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3113	242807 05SPORN 138 247040 05MOUNTN 138 1	242807	05SPORN	247040	05MOUNTN	1	138	205	AEP	219	251	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3114	934750 AD1-102 TAP 138 934751 AD1-102 MAIN 138 1	934750	AD1-102 TAP	934751	AD1-102 MAIN	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3115	926010 AC1-078 TAP 138 926015 AC1-078 MAIN 138 1	926010	AC1-078 TAP	926015	AC1-078 MAIN	1	138	202	ATSI	238	317	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3116	937246 AD2-163_MAIN 138 937247 AD2-163_POI 138 1	937246	AD2-163_MAIN	937247	AD2-163_POI	1	138	202	ATSI	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3117	938700 AE1-092 TAP 138 938701 AE1-092 GSU 138 1	938700	AE1-092 TAP	938701	AE1-092 GSU	1	138	209	DAY	260	260	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3118	939800 AE1-212 TAP 138 939801 AE1-212 MAIN 138 1	939800	AE1-212 TAP	939801	AE1-212 MAIN	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3119	247712 05SULLIVAN 345 933440 AC2-157 MAIN 345 1	247712	05SULLIVAN	933440	AC2-157 MAIN	1	345	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3120	247506 U2-041 C 345 925130 AB2-170 MAIN 345 1	247506	U2-041 C	925130	AB2-170 MAIN	1	345	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
3121	932050 AC2-015 TAP 138 932051 AC2-015 MAIN 138 1	932050	AC2-015 TAP	932051	AC2-015 MAIN	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3122	243902 05HARDIN SS 345 247506 U2-041 C 345 1	243902	05HARDIN SS	247506	U2-041 C	1	345	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3123	247712 05SULLIVAN 345 930470 AB1-088 MAIN 345 1	247712	05SULLIVAN	930470	AB1-088 MAIN	1	345	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3124	247712 05SULLIVAN 345 930460 AB1-087 MAIN 345 1	247712	05SULLIVAN	930460	AB1-087 MAIN	1	345	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3125	238704 02ET Q-1 138 240249 02CHIAQ-1 138 1	238704	02ET Q-1	240249	02CHIAQ-1	1	138	202	ATSI	273	332	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3126	243076 05CONESPREPZ 138 247725 05CONESPREP 138 1	243076	05CONESPREPZ	247725	05CONESPREP	1	138	205	AEP	145	177	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3127	247460 05NOTTINGH34 138 926250 AC1-103 GSU1 138 1	247460	05NOTTINGH34	926250	AC1-103 GSU1	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3128	247460 05NOTTINGH34 138 926251 AC1-103 GSU2 138 1	247460	05NOTTINGH34	926251	AC1-103 GSU2	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3129	243682 05CONSOL 138 243683 05CONSTP 138 1	243682	05CONSOL	243683	05CONSTP	1	138	205	AEP	205	284	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3130	243902 05HARDIN SS 345 934982 AD1-130 MAIN 345 1	243902	05HARDIN SS	934982	AD1-130 MAIN	1	345	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3131	935040 AD1-140 TAP 138 935041 AD1-140 MAIN 138 1	935040	AD1-140 TAP	935041	AD1-140 MAIN	1	138	202	ATSI	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3132	244198 05LEMASTER 138 244569 05LEMAST_CAP 138 Z1	244198	05LEMASTER	244569	05LEMAST_CAP	Z1	138	205	AEP	822	902	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3133	243541 05METALC 138 246765 05OUTERB 138 1	243541	05METALC	246765	05OUTERB	1	138	205	AEP	97	97	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3134	249981 08AKSTEEL2 138 250169 08AK_STL_CAP 138 1	249981	08AKSTEEL2	250169	08AK_STL_CAP	1	138	212	DEO&K	84	89	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3135	250106 08TODHJT 138 250168 TRENTON_2 138 1	250106	08TODHJT	250168	TRENTON_2	1	138	212	DEO&K	185	198	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3136	238533 02AMSTED 138 238575 02BLUBEL 138 1	238533	02AMSTED	238575	02BLUBEL	1	138	202	ATSI	50	50	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3137	239038 02PGQ-12 138 239040 02PGTP12 138 1	239038	02PGQ-12	239040	02PGTP12	1	138	202	ATSI	115	115	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3138	247757 05HERLAN SW 138 247843 05HERLAN_CAP 138 Z1	247757	05HERLAN SW	247843	05HERLAN_CAP	Z1	138	205	AEP	23205	23205	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3139	939390 AE1-170 POI 138 939391 AE1-170 MAIN 138 1	939390	AE1-170 POI	939391	AE1-170 MAIN	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3140	245332 05ANG1-2_CAP 138 246177 05ANGUIN1-2 138 Z1	245332	05ANG1-2_CAP	246177	05ANGUIN1-2	Z1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3141	247106 05VARNER 138 247107 05VARNER_CAP 138 Z1	247106	05VARNER	247107	05VARNER_CAP	Z1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3142	243575 05ST.CLR 138 247716 05ST.CLR_MSC 138 Z1	243575	05ST.CLR	247716	05ST.CLR_MSC	Z1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3143	243575 05ST.CLR 138 247010 05ST.CLR_TSC 138 Z1	243575	05ST.CLR	247010	05ST.CLR_TSC	Z1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3144	242993 05E.LEIPSIC2 138 893021 V2-006 C 138 1	242993	05E.LEIPSIC2	893021	V2-006 C	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3145	239037 02PGQ-11 138 239038 02PGQ-12 138 ZB	239037	02PGQ-11	239038	02PGQ-12	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3146	244300 05GEMINI_CAP 138 245994 05GEMINI 138 Z1	244300	05GEMINI_CAP	245994	05GEMINI	Z1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3147	242775 05ROCKCAS SS 138 245675 05WHITEHOUS8 138 Z1	242775	05ROCKCAS SS	245675	05WHITEHOUS8	Z1	138	205	AEP	109	133	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3148	242550 05BEARSK 138 314671 4BEARSKN 138 Z1	242550	05BEARSK	314671	4BEARSKN	Z1	138	205/345	AEP/DVP	238	262	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3149	250044 08HEBRN2 138 250045 08HEBRN1 138 Z1	250044	08HEBRN2	250045	08HEBRN1	Z1	138	212	DEO&K	309	349	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3150	238830 02IWQ-16 138 238831 02IWQ-17 138 ZB	238830	02IWQ-16	238831	02IWQ-17	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3151	250005 08CRNEL4 138 250115 08TP7482 138 1	250005	08CRNEL4	250115	08TP7482	1	138	212	DEO&K	266	266	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3152	249989 08BKJ246 138 250165 08BKJDB2 138 1	249989	08BKJ246	250165	08BKJDB2	1	138	212	DEO&K	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3153	249989 08BKJ246 138 250164 08BKJDB1 138 1	249989	08BKJ246	250164	08BKJDB1	1	138	212	DEO&K	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3154	238713 02FB Q-1 138 238714 02FB Q-3 138 ZB	238713	02FB Q-1	238714	02FB Q-3	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3155	244412 05WTRV SLR C 138 247966 05WTRV SLR E 138 1	244412	05WTRV SLR C	247966	05WTRV SLR E	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3156	249988 08BKJ135 138 249989 08BKJ246 138 Z1	249988	08BKJ135	249989	08BKJ246	Z1	138	212	DEO&K	309	349	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3157	238708 02EVRGRN 138 240077 AB1-015 E 138 1	238708	02EVRGRN	240077	AB1-015 E	1	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3158	242768 05RIDGWX 138 242769 05RIDGWY 138 ZB	242768	05RIDGWX	242769	05RIDGWY	ZB	138	205	AEP	287	299	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3159	238704 02ET Q-1 138 238705 02ET Q-2 138 ZB	238704	02ET Q-1	238705	02ET Q-2	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3160	242767 05RIDGWA 138 242768 05RIDGWX 138 ZB	242767	05RIDGWA	242768	05RIDGWX	ZB	138	205	AEP	287	299	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3161	239046 02PN Q-2 138 239047 02PN TP 138 1	239046	02PN Q-2	239047	02PN TP	1	138	202	ATSI	265	316	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3162	243226 05LAWBG1 345 243227 05LAWBG2 345 Z1	243226	05LAWBG1	243227	05LAWBG2	Z1	345	205	AEP	1701	1813	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3163	239049 02PV Q1 138 239051 02PV Q3 138 ZB	239049	02PV Q1	239051	02PV Q3	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3164	239053 02PVMQ15 138 239054 02PVMQ16 138 ZB	239053	02PVMQ15	239054	02PVMQ16	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3165	249981 08AKSTEEL2 138 250162 08GARVER 138 1	249981	08AKSTEEL2	250162	08GARVER	1	138	212	DEO&K	301	301	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3166	238701 02ERQ-11 138 238702 02ERQ-14 138 ZB	238701	02ERQ-11	238702	02ERQ-14	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3167	243562 05ROSS 138 243836 05ROSS T1T2 138 Z1	243562	05ROSS	243836	05ROSS T1T2	Z1	138	205	AEP	383	449	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3168	243217 05DEQUIN 345 243991 05DEQUIN_REA 345 Z1	243217	05DEQUIN	243991	05DEQUIN_REA	Z1	345	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3169	243562 05ROSS 138 243836 05ROSS T1T2 138 Z2	243562	05ROSS	243836	05ROSS T1T2	Z2	138	205	AEP	383	449	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3170	242586 05CAVE SPR2Z 138 245723 05CAVE SPR 138 Z1	242586	05CAVE SPR2Z	245723	05CAVE SPR	Z1	138	205	AEP	164	180	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3171	242589 05CENTCR 138 242590 05CENTER 138 Z1	242589	05CENTCR	242590	05CENTER	Z1	138	205	AEP	223	310	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3172	238698 02ENQ-11 138 238699 02ENQ-12 138 ZB	238698	02ENQ-11	238699	02ENQ-12	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3173	243562 05ROSS 138 247357 05ROSS_CAP 138 Z1	243562	05ROSS	247357	05ROSS_CAP	Z1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3174	238818 02ILQ-11 138 238819 02ILQ-12 138 ZB	238818	02ILQ-11	238819	02ILQ-12	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3175	238692 02ASH_EAST 138 239055 02Q15TAP 138 1	238692	02ASH_EAST	239055	02Q15TAP	1	138	202	ATSI	273	338	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3176	245476 05ROB PK34 138 245505 05ROB PK T6 138 ZH	245476	05ROB PK34	245505	05ROB PK T6	ZH	138	205	AEP	747	747	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3177	247643 Z2-116 C 138 247969 Z2-116 E 138 1	247643	Z2-116 C	247969	Z2-116 E	1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3178	239092 02SAMMIS 345 253902 15BVRVAL 345 S1	239092	02SAMMIS	253902	15BVRVAL	S1	345	202/215	ATSI/DLCO	1195	1195	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3179	247552 U4-029 C 138 247941 U4-029 E 138 1	247552	U4-029 C	247941	U4-029 E	1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3180	243130 05TIFFIN 138 247548 V4-010 C 138 Z1	243130	05TIFFIN	247548	V4-010 C	Z1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
3181	238815 02IKQ-15 138 238817 02IKQ-18 138 ZB	238815	02IKQ-15	238817	02IKQ-18	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3182	243013 05GAVIN1 138 246324 05GAVIN_CAP 138 Z1	243013	05GAVIN1	246324	05GAVIN_CAP	Z1	138	205	AEP	329	361	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3183	243127 05TIDD 1-2 138 245389 05TIDD_B_X 138 ZB	243127	05TIDD 1-2	245389	05TIDD_B_X	ZB	138	205	AEP	586	598	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3184	247551 U4-028 C 138 247940 U4-028 E 138 1	247551	U4-028 C	247940	U4-028 E	1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3185	247549 V3-028 C 345 247948 V3-028 E 345 1	247549	V3-028 C	247948	V3-028 E	1	345	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3186	247548 V4-010 C 138 247947 V4-010 E 138 1	247548	V4-010 C	247947	V4-010 E	1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3187	239116 02SPXFQ2 138 239117 02SPXFQ4 138 ZB	239116	02SPXFQ2	239117	02SPXFQ4	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3188	247543 V3-007 C 345 247935 V3-007 E 345 1	247543	V3-007 C	247935	V3-007 E	1	345	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3189	247540 U2-072 C 345 247932 U2-072 E 345 1	247540	U2-072 C	247932	U2-072 E	1	345	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3190	247536 05BLUFF P WF 138 247929 S-071 E 138 1	247536	05BLUFF P WF	247929	S-071 E	1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3191	243127 05TIDD 1-2 138 243129 05TIDD_C_X 138 ZB	243127	05TIDD 1-2	243129	05TIDD_C_X	ZB	138	205	AEP	670	747	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3192	243575 05ST.CLR 138 247717 05ST.CLR_MSR 138 Z1	243575	05ST.CLR	247717	05ST.CLR_MSR	Z1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3193	247506 U2-041 C 345 247919 U2-041 E 345 1	247506	U2-041 C	247919	U2-041 E	1	345	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3194	243484 05CITYCO 138 294740 P44 138 1	243484	05CITYCO	294740	P44	1	138	205	AEP	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3195	243669 05B SAND 138 243678 05BSANDX 138 ZB	243669	05B SAND	243678	05BSANDX	ZB	138	205	AEP	287	337	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3196	238807 02HMLQ12 138 238809 02HMLQ14 138 ZB	238807	02HMLQ12	238809	02HMLQ14	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3197	242658 05GREENB 138 313704 4KANAWHATL 138 1	242658	05GREENB	313704	4KANAWHATL	1	138	205/345	AEP/DVP	95	95	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3198	247506 U2-041 C 345 247549 V3-028 C 345 Z1	247506	U2-041 C	247549	V3-028 C	Z1	345	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3199	238862 02KL Q-1 138 238863 02KL Q-3 138 ZB	238862	02KL Q-1	238863	02KL Q-3	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3200	238663 02DLQ-15 138 240248 02DLQ-18 138 ZB	238663	02DLQ-15	240248	02DLQ-18	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3201	242941 05OHIOCT 345 244319 05OHIOCT_REA 345 Z1	242941	05OHIOCT	244319	05OHIOCT_REA	Z1	345	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3202	238859 02KIQ-11 138 238860 02KIQ-14 138 ZB	238859	02KIQ-11	238860	02KIQ-14	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3203	243100 05SHELGH 138 243101 05SHELNS 138 1	243100	05SHELGH	243101	05SHELNS	1	138	205	AEP	97	97	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3204	238556 02AYERSV 138 238659 02DEFISW 138 1	238556	02AYERSV	238659	02DEFISW	1	138	202	ATSI	216	264	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3205	243488 05CONESVILLE 138 243489 05CONESV_CAP 138 Z1	243488	05CONESVILLE	243489	05CONESV_CAP	Z1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3206	238867 02KPQ-12 138 238868 02KPQ-13 138 ZB	238867	02KPQ-12	238868	02KPQ-13	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3207	238661 02DKQ-16 138 238662 02DKQ-17 138 ZB	238661	02DKQ-16	238662	02DKQ-17	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3208	238657 02DBQ-14 138 239251 02GEQUTZ 138 1	238657	02DBQ-14	239251	02GEQUTZ	1	138	202	ATSI	258	308	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3209	238869 02KY Q-1 138 238870 02KY Q-3 138 ZB	238869	02KY Q-1	238870	02KY Q-3	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3210	238798 02HKQ-21 138 238799 02HKQ-22 138 ZB	238798	02HKQ-21	238799	02HKQ-22	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3211	243488 05CONESVILLE 138 246914 05CONESV AUX 138 Z5	243488	05CONESVILLE	246914	05CONESV AUX	Z5	138	205	AEP	548	601	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3212	243488 05CONESVILLE 138 246914 05CONESV AUX 138 ZN	243488	05CONESVILLE	246914	05CONESV AUX	ZN	138	205	AEP	548	601	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3213	243488 05CONESVILLE 138 246914 05CONESV AUX 138 ZS	243488	05CONESVILLE	246914	05CONESV AUX	ZS	138	205	AEP	548	601	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3214	242833 05TRAILF 138 247048 05PINNCK 138 Z1	242833	05TRAILF	247048	05PINNCK	Z1	138	205	AEP	185	220	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3215	238856 02KH Q-3 138 238870 02KY Q-3 138 1	238856	02KH Q-3	238870	02KY Q-3	1	138	202	ATSI	347	423	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3216	238876 02LAQ-12 138 238877 02LAQ-13 138 ZB	238876	02LAQ-12	238877	02LAQ-13	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3217	238656 02DBQ-11 138 238657 02DBQ-14 138 ZB	238656	02DBQ-11	238657	02DBQ-14	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3218	238855 02KH Q-1 138 238869 02KY Q-1 138 1	238855	02KH Q-1	238869	02KY Q-1	1	138	202	ATSI	355	434	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3219	242946 05TIDD 345 253965 15COLLIE 345 S1	242946	05TIDD	253965	15COLLIE	S1	345	205/215	AEP/DLCO	1195	1195	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3220	238855 02KH Q-1 138 238856 02KH Q-3 138 ZB	238855	02KH Q-1	238856	02KH Q-3	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3221	242948 05WBELLA 345 244329 05W.BELL_REA 345 Z1	242948	05WBELLA	244329	05W.BELL_REA	Z1	345	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3222	239210 02IOQ-16 138 239211 02IOQ-17 138 ZB	239210	02IOQ-16	239211	02IOQ-17	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3223	239212 02AUSTQ2 138 239213 02AUSTQ1 138 ZB	239212	02AUSTQ2	239213	02AUSTQ1	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3224	243026 05KAMMER13 138 246111 05KAMMER T5 138 Z5	243026	05KAMMER13	246111	05KAMMER T5	Z5	138	205	AEP	383	449	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3225	238647 02CY Q-1 138 238648 02CY Q-2 138 ZB	238647	02CY Q-1	238648	02CY Q-2	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3226	242717 05MILTON 138 930192 AB1-055 E 138 1	242717	05MILTON	930192	AB1-055 E	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3227	238541 02AS Q-1 138 238546 02ASQ-11 138 ZB	238541	02AS Q-1	238546	02ASQ-11	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3228	238540 02ARMCO+ 138 239196 02ARM+BU 138 1	238540	02ARMCO+	239196	02ARM+BU	1	138	202	ATSI	157	189	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3229	239225 02STYDCO 138 239226 02STYDCOQ11 138 ZB	239225	02STYDCO	239226	02STYDCOQ11	ZB	138	202	ATSI	265	287	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3230	238790 02HCQ-13 138 238791 02HCQ-14 138 ZB	238790	02HCQ-13	238791	02HCQ-14	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3231	250075 08MTGRY1 138 250111 08TP5483 138 1	250075	08MTGRY1	250111	08TP5483	1	138	212	DEO&K	198	198	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3232	243044 05MILLWO 138 246941 05MILL2Z 138 Z1	243044	05MILLWO	246941	05MILL2Z	Z1	138	205	AEP	187	205	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3233	246237 05THIVENER2Z 138 246273 05THIVENR SS 138 Z2	246237	05THIVENER2Z	246273	05THIVENR SS	Z2	138	205	AEP	329	361	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3234	246254 05TUNNEL RDG 138 247775 05DIXON SS 138 Z1	246254	05TUNNEL RDG	247775	05DIXON SS	Z1	138	205	AEP	205	284	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3235	238643 02CW Q-1 138 238644 02CW Q-3 138 ZB	238643	02CW Q-1	238644	02CW Q-3	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3236	239282 02PROQ12 138 239283 02PROQ13 138 ZB	239282	02PROQ12	239283	02PROQ13	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3237	238882 02LE Q-1 138 238883 02LE Q-3 138 ZB	238882	02LE Q-1	238883	02LE Q-3	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3238	238851 02KD Q-1 138 238852 02KD Q-3 138 ZB	238851	02KD Q-1	238852	02KD Q-3	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3239	238893 02LF Q-2 138 238894 02LF Q-4 138 ZB	238893	02LF Q-2	238894	02LF Q-4	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3240	239345 02SIL_AE+ 138 239346 02SILICA+ 138 1	239345	02SIL_AE+	239346	02SILICA+	1	138	202	ATSI	278	343	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	

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3241	238904 02LMQ-11 138 240252 02LMQ-12 138 ZL	238904	02LMQ-11	240252	02LMQ-12	ZL	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3242	243037 05MEIGS SS 138 246310 05MEIGS SW1Z 138 Z1	243037	05MEIGS SS	246310	05MEIGS SW1Z	Z1	138	205	AEP	95	95	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3243	238629 02CLVRDL 138 239237 02CLVR-S 138 ZB	238629	02CLVRDL	239237	02CLVR-S	ZB	138	202	ATSI	329	413	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3244	242961 05BIGGRC 138 246940 05BIGR2Z 138 1	242961	05BIGGRC	246940	05BIGR2Z	1	138	205	AEP	205	205	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3245	238918 02SLTRQ2 138 238919 02SLTRQ4 138 ZB	238918	02SLTRQ2	238919	02SLTRQ4	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3246	238781 02HANNA 345 253902 15BVRVAL 345 S1	238781	02HANNA	253902	15BVRVAL	S1	345	202/215	ATSI/DLCO	1195	1195	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3247	238620 02CL Q12 138 238621 02CL Q13 138 ZB	238620	02CL Q12	238621	02CL Q13	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3248	243987 05SULLVN_REA 345 247712 05SULLIVAN 345 Z1	243987	05SULLVN_REA	247712	05SULLIVAN	Z1	345	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3249	923061 AB1-105 TAP 345 923062 AB1-105 OP 345 1	923061	AB1-105 TAP	923062	AB1-105 OP	1	345	202/3	ATSI/PJM-FSA	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3250	242816 05STOCKT 138 926461 AC1-117 C 138 1	242816	05STOCKT	926461	AC1-117 C	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3251	243234 05TWIN B 345 243385 05TWIN B 138 6	243234	05TWIN B	243385	05TWIN B	6	345/138	205	AEP	540	540	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3252	240258 02FUQ-13 138 240259 02FUQ-14 138 ZL	240258	02FUQ-13	240259	02FUQ-14	ZL	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3253	243497 05DELANO 138 925342 AC1-001 MAIN 138 1	243497	05DELANO	925342	AC1-001 MAIN	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3254	913030 Y1-006 TAP 138 913031 Y1-006 MAIN 138 1	913030	Y1-006 TAP	913031	Y1-006 MAIN	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3255	238933 02LYDQ14 138 238935 02LYQ-13 138 ZB	238933	02LYDQ14	238935	02LYQ-13	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3256	242965 05BRIDGEVILZ 138 245839 05BRIDGEVIL 138 Z1	242965	05BRIDGEVILZ	245839	05BRIDGEVIL	Z1	138	205	AEP	150	180	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3257	240352 02PM2Q11 138 240353 02PM2Q12 138 ZB	240352	02PM2Q11	240353	02PM2Q12	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3258	238941 02MANSFD 345 253936 15CRESCN 345 S1	238941	02MANSFD	253936	15CRESCN	S1	345	202/215	ATSI/DLCO	1244	1411	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3259	238774 02GTQ-14 138 239222 02CHSTL 138 2	238774	02GTQ-14	239222	02CHSTL	2	138	202	ATSI	278	339	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3260	240359 02BENTLEYQ1 138 240360 02BENTLEYQ3 138 ZB	240359	02BENTLEYQ1	240360	02BENTLEYQ3	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3261	242937 05KAMMER 345 246108 05KAMMER24 138 31	242937	05KAMMER	246108	05KAMMER24	31	345/138	205	AEP	747	747	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3262	243510 05GAHANN 138 246095 05GAHAN T1-4 138 Z2	243510	05GAHANN	246095	05GAHAN T1-4	Z2	138	205	AEP	131	164	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3263	242937 05KAMMER 345 243026 05KAMMER13 138 30	242937	05KAMMER	243026	05KAMMER13	30	345/138	205	AEP	450	450	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3264	242529 05TRISTA 345 242835 05TRISTA 138 3	242529	05TRISTA	242835	05TRISTA	3	345/138	205	AEP	501	535	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3265	238511 02GMC-J 138 238512 02GMC-K 138 ZB	238511	02GMC-J	238512	02GMC-K	ZB	138	202	ATSI	222	265	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3266	238613 02CF Q-4 138 238614 02CFQ-14 138 ZB	238613	02CF Q-4	238614	02CFQ-14	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3267	243510 05GAHANN 138 246095 05GAHAN T1-4 138 Z3	243510	05GAHANN	246095	05GAHAN T1-4	Z3	138	205	AEP	131	164	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3268	238950 02MBQ-13 138 238951 02MBQ-14 138 ZB	238950	02MBQ-13	238951	02MBQ-14	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3269	238838 02JIQ-11 138 238839 02JIQ-14 138 ZB	238838	02JIQ-11	238839	02JIQ-14	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3270	893021 V2-006 C 138 893022 V2-006 E 138 1	893021	V2-006 C	893022	V2-006 E	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3271	270163 AB2-067 MAIN 765 937371 AD2-189 765 1	270163	AB2-067 MAIN	937371	AD2-189	1	765	205/3	AEP/PJM-FSA	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3272	270147 AE1-018 C 138 270148 AE1-018 E 138 1	270147	AE1-018 C	270148	AE1-018 E	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3273	243510 05GAHANN 138 246095 05GAHAN T1-4 138 Z4	243510	05GAHANN	246095	05GAHAN T1-4	Z4	138	205	AEP	131	164	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3274	242525 05KANAWH 345 242526 05KANAWZ 345 SC	242525	05KANAWH	242526	05KANAWZ	SC	345	205	AEP	1494	1595	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3275	250166 HLCRST AB114 138 930062 AB1-014 E 138 1	250166	HLCRST AB114	930062	AB1-014 E	1	138	212	DEO&K	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3276	246750 05ROCKPT 138 253586 10AEP_T 138 1	246750	05ROCKPT	253586	10AEP_T	1	138	205/210	AEP/SIGE	143	143	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3277	238972 02MX Q-2 138 238973 02MX Q-4 138 ZB	238972	02MX Q-2	238973	02MX Q-4	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3278	244195 05HOLSTN ARM 138 245222 05W.KINGS_BP 138 Z1	244195	05HOLSTN ARM	245222	05W.KINGS_BP	Z1	138	205	AEP	94	105	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3279	933720 AC2-195 TAP 138 933724 AC2-195 MAIN 138 1	933720	AC2-195 TAP	933724	AC2-195 MAIN	1	138	202	ATSI	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3280	238996 02NEQ-15 138 238997 02NEQ-16 138 ZB	238996	02NEQ-15	238997	02NEQ-16	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3281	242807 05SPORN 138 247050 05CLINE 138 Z1	242807	05SPORN	247050	05CLINE	Z1	138	205	AEP	167	167	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3282	246889 05BIERSR 138 247356 05BIERSR_CAP 138 Z1	246889	05BIERSR	247356	05BIERSR_CAP	Z1	138	205	AEP	99999	99999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3283	250149 08TP5381 138 250161 08T758 138 1	250149	08TP5381	250161	08T758	1	138	212	DEO&K	298	298	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3284	242628 05E.LYNN 138 246320 05NEW EAGLE 138 Z1	242628	05E.LYNN	246320	05NEW EAGLE	Z1	138	205	AEP	219	255	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3285	250131 08WILEY2 138 250155 08WILCAP 138 1	250131	08WILEY2	250155	08WILCAP	1	138	212	DEO&K	68	68	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3286	242789 05SALTV2 138 923771 AB2-011 C 138 1	242789	05SALTV2	923771	AB2-011 C	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3287	930041 AB1-006 C 345 930042 AB1-006 E 345 1	930041	AB1-006 C	930042	AB1-006 E	1	345	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3288	242789 05SALTV2 138 923761 AB2-010 C 138 1	242789	05SALTV2	923761	AB2-010 C	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3289	250117 08TRMNL1 138 250118 08TRMNL2 138 Z1	250117	08TRMNL1	250118	08TRMNL2	Z1	138	212	DEO&K	504	504	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3290	238762 02GR Q-3 138 238763 02GR Q-4 138 ZB	238762	02GR Q-3	238763	02GR Q-4	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3291	250092 08REDBK1 138 250093 08REDBK2 138 Z1	250092	08REDBK1	250093	08REDBK2	Z1	138	212	DEO&K	455	479	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3292	926461 AC1-117 C 138 926462 AC1-117 E 138 1	926461	AC1-117 C	926462	AC1-117 E	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3293	926250 AC1-103 GSU1 138 926251 AC1-103 GSU2 138 1	926250	AC1-103 GSU1	926251	AC1-103 GSU2	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3294	239013 02NSQ-15 138 239014 02NSQ-16 138 ZB	239013	02NSQ-15	239014	02NSQ-16	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3295	239025 02NY Q11 138 239026 02NY Q12 138 ZB	239025	02NY Q11	239026	02NY Q12	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3296	250091 08RCHLE3 138 913222 Y1-054 E 138 1	250091	08RCHLE3	913222	Y1-054 E	1	138	212	DEO&K	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3297	243464 05ADAMS 138 924372 AB2-085 MAIN 138 1	243464	05ADAMS	924372	AB2-085 MAIN	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3298	924790 AB2-131 TAP 138 924791 AB2-131 C OP 138 1	924790	AB2-131 TAP	924791	AB2-131 C OP	1	138	202/3	ATSI/PJM-FSA	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3299	923771 AB2-011 C 138 923772 AB2-011 E 138 1	923771	AB2-011 C	923772	AB2-011 E	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3300	238754 02GFQ-12 138 238755 02GFQ-2 138 1	238754	02GFQ-12	238755	02GFQ-2	1	138	202	ATSI	278	287	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	

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3301	243510 05GAHANN 138 246095 05GAHAN T1-4 138 Z1	243510	05GAHANN	246095	05GAHAN T1-4	Z1	138	205	AEP	131	164	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3302	923761 AB2-010 C 138 923762 AB2-010 E 138 1	923761	AB2-010 C	923762	AB2-010 E	1	138	205	AEP	9999	9999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	
3303	238671 02DW Q-1 138 238672 02DW Q-3 138 ZB	238671	02DW Q-1	238672	02DW Q-3	ZB	138	202	ATSI	999	999	Base Case	0	0	-	0	0	0.00%	0.00%	0.00%	

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APPENDIX C.

Resume of John Chiles

EDUCATION ●

Bachelor of Science in Engineering, University of South Florida, 1993

PROFESSIONAL MEMBERSHIPS ●

IEEE, Power Engineering Society

PROFESSIONAL EXPERIENCE ●

Mr. Chiles has over 30 years of electric utility and consulting experience. He provides regulatory and strategic support for generation and transmission cooperatives, municipal electric systems, independent generation developers, industrial consumers and state commissions regarding regional transmission organization energy markets, open access transmission issues, transmission planning and need certification, generation siting and interconnection, NERC compliance support and training, and stakeholder representation in RTO stakeholder forums. Mr. Chiles has filed testimony at the Federal Energy Regulatory Commission (FERC) and at several State regulatory commissions.

GDS Associates, Inc., September 2005 to Present
Principal, Transmission Services
As a Principal at GDS, Mr. Chiles consults with utilities, government agencies, and industrial clients in the following areas:

- Served as Stakeholder Representative for clients within Entergy, the Midcontinent Independent System Operator (MISO) and the Southwest Power Pool (SPP) on matters related to transmission expansion planning and market design
- Assisted multiple clients during the Entergy integration into MISO, including conversion of transmission rights, valuation of generation assets, and Day 2 market preparation
- Provided generation interconnection support services for renewable and fossil-fuel based facilities, including siting analysis, technical study support, client representation with Transmission Providers, and negotiation of Interconnection Agreements
- Filed expert witness testimony at FERC and State jurisdictions regarding transmission facility need determination, transmission loss calculations, integrated resource planning and Regional Transmission Organization (RTO) integration activities
- Conducted NERC mock audits on Transmission Planning (TPL), Facility Rating (FAC), and Modeling (MOD) Standards for numerous municipal and cooperative organizations
- Supported generation procurement Request for Proposals (RFPs) through providing technical and strategic support on transmission issues

TECO Energy, Tampa, FL, January 2000 – January 2004
Manager

- Monitored and provided corrective action on NERC compliance
- Served as Southwest Reserve Sharing Group and WECC Operating Committee representative
- Developed generation optimization process to achieve optimal dispatch of 2,200 MW plant to meet NERC criteria
- Optimized daily transmission positions for 4,400 MW asset portfolio ($3MM/month)
- Determined transmission deliverability (ATC, Generator Operating Limit) to support balance of month and originated transactionsProvided regulatory support on issues at FERC and state levels
- Assisted in development of and modifications to ERCOT protocols
- Determined how changes in regional markets impacted profitability of asset portfolio
- Represented company at FERC, SeTrans and State jurisdictions

- Developed and Presented of 5- and 10-Year expansion plans
- Representative on GridFlorida Flowgate Working Group
- LMP analysis for TECO Assets

North Carolina Electric Membership Corporation, Raleigh, NC, 1994 –1999

Project Engineer

- Impacts of FERC Order 888 and 889 on member systems; reviewed and analyzed wholesale provider transmission expansion plans
- Transmission-Dependent Utility representative on SERC ATC Working Group
- OASIS site testing
- Consulting support to PA Cooperative group for PA Retail Access Program
- Expansion plan development for Duke Energy, Carolina Power & Light, Dominion Virginia Power
- RFP bid evaluation
- Evaluation of Structured Transactions for external sales

AREAS OF EXPERTISE ●

Regional Transmission Organization Operations and Policy Support

- Market Integration Support for new entrants in California Independent System Operator (CAISO), SPP and MISO
- Market Analysis of Nodal Price Data
- Technical Support on RTO Settlements Issues

Energy Market Design

- Nodal Market Development (ERCOT)
- Resource Adequacy Market Development (PJM)
- Energy Imbalance Market Development (SPP, WECC)

Open Access Transmission Issues

- Loss Study Review and Support
- Deliverability Analysis for Generation Assets
- Negotiation of Agreements for Transmission Service

Transmission System Modeling and Planning

- Power Flow Analysis
- Short Circuit Analysis
- Need Certification Technical Studies
- Review of Impact of Transmission Expansion Plans on Load and Generation

Production Cost Modeling and Simulation

- PROMOD Studies for Generation Margin Determination and Load Cost Analysis
- Assessment of Economic Transmission Projects
- Financial Transmission Rights Evaluation

Generation Interconnection Process Evaluation and Support

- Power Flow-Based Site Selection Analysis
- Technical Support for Review of Transmission Provider Studies
- Negotiation of Interconnection Service Agreements

NERC Compliance Activities

- TPL Assessments
- Development of Policies, Guidelines and Procedures
- Mock Audits and Gap Analysis
- Subject Matter Expert Training for TPL, FAC, and MOD Standards

Regulatory, Strategic and Stakeholder Support

- Stakeholder Representation at MISO, SPP, and ERCOT
- Technical and Regulatory Support for Clients at FERC and State Jurisdictions

EXPERT WITNESS TESTIMONY ●

FEDERAL ENERGY REGULATORY COMMISSION (FERC)

PJM Interconnection, LLC, American Transmission Systems, Inc., Docket No. ER12-2399-003

Southwestern Electric Cooperative, Inc., et al., Docket Nos. EL15-72, *et al.*, Panel Member for Technical Conference

ARKANSAS PUBLIC SERVICE COMMISSION (APSC)

In the Matter of a Show Cause Order Directed to Entergy Arkansas, Inc. Regarding Its Continued Membership in the Current Entergy System Agreement, or Any Successor Agreement Thereto, and Regarding the Future Operation and Control of Its Transmission Assets, Docket No. 10-011-U

GEORGIA PUBLIC SERVICE COMMISSION (GPSC)

In the Matter of: Georgia Power Company's 2010 Integrated Resource Plan, Docket No. 31081

In the Matter of: Georgia Power Company's 2013 Integrated Resource Plan, Docket No. 36498

In the Matter of: Georgia Power Company's 2016 Integrated Resource Plan, Docket No. 40161

In the Matter of: Georgia Power Company's 2019 Integrated Resource Plan, Docket No. 42310

MISSISSIPPI PUBLIC SERVICE COMMISSION (MPSC)

In Re: Joint Application of Entergy Mississippi, Inc., and The Midwest Independent Transmission System Operator, Inc., for Transfer of Functional Control of Entergy Mississippi's Transmission Facilities To MISO, Docket No. 2011-UA-376

PUBLIC UTILITY COMMISSION OF TEXAS (PUCT)

Entergy Gulf States, Inc.'s Transition to Competition Plan, PUC Docket No. 33687
Application of Sharyland Utilities, L.P. to Approve Study and Plan Pursuant to the Commission's Order in Docket No. 37990 Concerning the Movement of Sharyland's Stanton and Colorado City Divisions from the Southwest Power Pool to ERCOT, PUC Docket No. 39070

Application of Entergy Texas, Inc., ITC Holdings Corp., MidSouth Transco LLC, Transmission Company Texas, LLC, and ITC MidSouth LLC for Approval of Change of Ownership and Control of Transmission Business, Transfer of Certification Rights, Certain Cost Recovery Approvals, and Related Relief, PUC Docket No. 41223

Updated Application of Entergy Texas, Inc., ITC Holdings Corp., Mid-South Transco LLC, Transmission Company Texas, LLC, and ITC Midsouth LLC for Approval of Change of Ownership and Control of Transmission Business, Transfer Of Certification Rights, and Related Relief, PUC Docket No. 41850

COMMONWEALTH OF VIRGINIA STATE CORPORATION COMMISSION DIVISION OF ENERGY (VSCC)

Virginia Electric and Power Company for Approval and Certification of Electric Facilities for the Surry-Skiffes Creek 500 kV Transmission Line, Skiffes Creek-Whealton 230 kV Transmission Line, and Skiffes Creek 500 kV-230 kV-115 kV Switching Station, Case No. PUE-2012-00029

Virginia Electric and Power Company for Approval and Certification of Electric Transmission Facilities for the Remington CT-Warrenton 230 kV Double Circuit Transmission Line, Vint Hill-Wheeler and Wheeler-Loudoun 230 kV Transmission Lines, 230 kV Vint Hill Switching Station, and 230 kV Wheeler Switching Station, Case No. PUE-2014-00025

PREPARED BY GDS ASSOCIATES, INC.

PJM DELIVERABILITY ASSESSMENT - OHIO

REVIEW OF KODA TEST AND DFAX METHODOLOGY

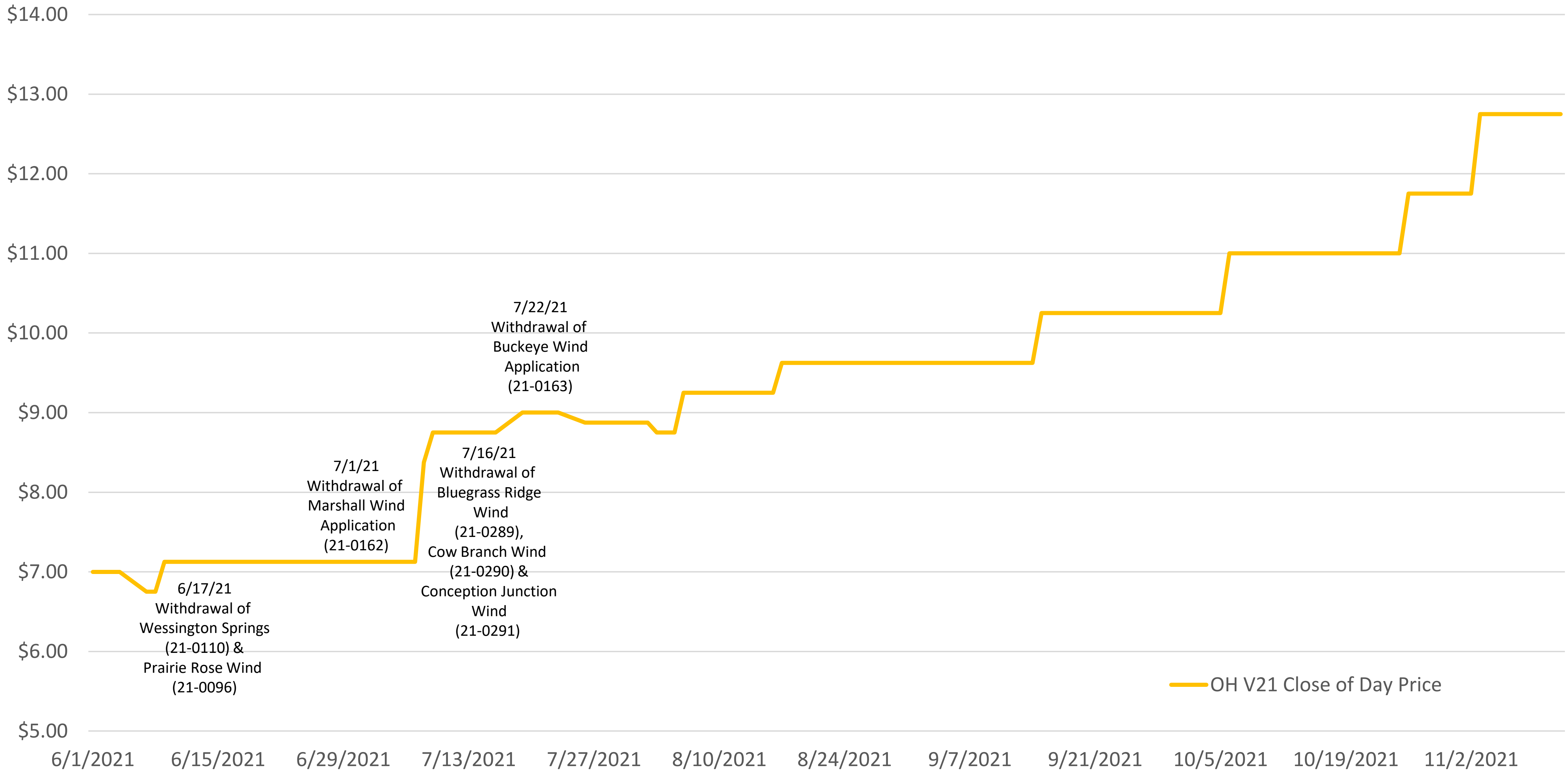
Prepared for Avangrid Resources and Blue Delta Energy

PUCO Cases 21-516-EL-REN, 21-517-EL-REN, 21-531-EL-REN, 21-532-EL-REN and 21-544-EL-REN

November 18, 2021

GDS Associates, Inc.
ENGINEERS & CONSULTANTS

Ohio Vintage 2021 REC Prices



6/17/21
Withdrawal of
Wessington Springs
(21-0110) &
Prairie Rose Wind
(21-0096)

7/1/21
Withdrawal of
Marshall Wind
Application
(21-0162)

7/16/21
Withdrawal of
Bluegrass Ridge
Wind
(21-0289),
Cow Branch Wind
(21-0290) &
Conception Junction
Wind
(21-0291)

7/22/21
Withdrawal of
Buckeye Wind
Application
(21-0163)

Source: Marex Spectron End of Day REC Price Sheet

Renewable Generators Registered in GATS Report - Ohio facilities using technologies where the Ohio RPS is the current optimal use of their RECs (as of November 18, 2021)

Plant Name	Unit Name	ORISPL (Plant Code)	GATS Unit ID	PJM Unit?	State	County	Balancing Authority	Nameplate	Date Online	Primary Fuel Type	Secondary	Tertiary	Quaternary	Fifth	Sixth	Seventh	Eighth	New Jersey	Maryland	Pennsylvania	District of Columbia	Delaware	Illinois	Ohio	Virginia	EFEC Eligible
EKPC GREENUP 1-3H	1	004258	MSET89560101	Yes	OH	Scioto	PJM Interconnection	71.7	10/01/1982	WAT														15-ROR-OH-GATS-0107	VA-055571-WAT	
Racine	1	006006	MSET89364101	Yes	OH	Meigs	PJM Interconnection	47.4	01/01/1983	WAT									MD-90217-WAT-02					20-ROR-OH-GATS-65679	VA-000148-WAT	
Central Utility Plant	CTG1	57908	NON41033		OH	Hamilton	PJM Interconnection	13.5	06/01/2004	WH	CMG	DFO	LFG	NG										10-CMM-OH-GATS-0472; 10-BIO-OH-GATS-0074; 14-WER-OH-GATS-0612		
Central Utility Plant	CTG2	57908	NON41034		OH	Hamilton	PJM Interconnection	13.5	06/01/2004	WH	CMG	DFO	LFG	NG										10-CMM-OH-GATS-0472; 10-BIO-OH-GATS-0074; 14-WER-OH-GATS-0612		
Kent State University Summit Street Power Plant	GT-1	58140	NON90652		OH	Portage	PJM Interconnection	5.4	01/01/2003	WH														14-WER-OH-GATS-0611		

Source: PJM Environmental Information Systems (www.pjm-eis.com)

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in

Case No(s). 21-0516-EL-REN, 21-0517-EL-REN, 21-0531-EL-REN, 21-0532-EL-REN, 21-0544-EL-REN

Summary: Comments electronically filed by Mrs. Kimberly W. Bojko on behalf of Blue Delta Energy, LLC