FILE

16

Office of the Ohio Consumers' Counsel

Your Residential Utility Consumer Advocate

RECEIVED-DOCKETING DIV
2012 JUN -1 PM 3:43
PUCO

June 1, 2012

Ms. Betty McCauley, Secretary
Public Utilities Commission of Ohio
Docketing Division, 11th Floor
180 E. Broad St.
Columbus, OH 43215-3793

RE: Case Nos. 11-346-EL-SSO, 11-348-EL-SSO, 11-349-EL-AAM, and 11-350-EL-AAM

Attached please find for filing in the above-referenced docket, Errata Sheets (and revised schedules) pertaining to the testimony of the Office of the Ohio Consumers' Counsel ("OCC") witnesses Ms. Beth Hixon and Mr. Ibrahim Soliman. These Errata Sheets (and revised schedules) make specific changes to the May 4, 2012 filed testimony of Ms. Hixon and Mr. Soliman.

If you have any questions or concerns, please contact our office.

Sincerely,

Maureen R. Grady, Counsel of Record
Assistant Consumers' Counsel

Enclosures

cc: Parties of Record

Attorney Examiner See
Attorney Examiner Tauber

OCC EXHIBIT____

CORRECTIONS TO THE

May 4, 2012
TESTIMONY
of
BETH E. HIXON
ON BEHALF OF THE
OFFICE OF THE OHIO CONSUMERS' COUNSEL

Page	Line	Change
Table of Contents		Add: Attachment BEH-2 OCC Interrogatory No. 179
Table of Contents		Add: Attachment BEH-3 OCC Interrogatory No. 162
4	9	"an $86.6" should be "a $28.1"
4	15	"$50.0" should be "$17.5"
4	17	"$638.9 million" should be "$638.9 to $997.8 million"
12	16	"$86.6" should be "$28.1"
13	1	"50.0" should be "$17.5"
14	2	"return on equity." should be "return on equity, and assuming AEP Ohio's proposed tiered capacity pricing."
14	9	Add: "In addition, Schedule BEH-1 reflects that if a $145.79/MW-Day capacity charge is used, then the cost of the RSR increases to $643 million."
18	2	Insert after "testimony.": As shown in the May 16 response to OCC Interrogatory No. 179, the Company has not estimated capacity and energy revenues beyond May 2015. (Attachment BEH-2).
18	5	Delete: ", but note that the response to discovery is pending and that response could result in my updating these costs"
21	Table	"11.8" should be "11.9"
		"3.5" should be "34.3"
		Delete: "(to July 5)"
		"10.7" should be "14.5"
		Delete: "PUCO Set #141-001, Attachment1 Case Nos. 11-351-EL-AIR et al" and Insert: "OCC Interrogatory No. 162 (Attachment BEH-3)
22	17	"$552.3 million" should be "$610.8 million"

**OHIO POWER COMPANY'S RESPONSES
TO THE OFFICE OF THE OHIO CONSUMERS' COUNSEL'S
DISCOVERY REQUESTS
PUCO CASE 11-346-EL-SSO and 11-348-EL-SSO - Modified ESP
TENTH SET**

INTERROGATORY

OCC-INT-10-179 Referring to the Energy and Capacity Revenue on PJN-5, page 13, of the May 2, 2012 Supplemental Commission-Ordered Testimony of Mr. Nelson,

a. What are the estimated energy and capacity revenues for June 2015 – December 2015 and for each year, 2016 – 2040, as shown on PJN-5, page 2 as the 25 year life of the TPS project?

b. Is the TPS project MWh that results in market energy and capacity revenues, as shown on PJN-5, page 13 (and as provided in response to part (a) of this Interrogatory), based on an assumption that all energy and capacity from the TPS project will be bid into the PJM markets?

c. If the response to part (c) is negative, what is the basis for the TPS project MWh that results in market energy and capacity revenues?

RESPONSE

(a) Energy and capacity revenues have not been estimated for the period beyond May 2015.

(b) It is assumed that all of the energy and capacity from the TPS project will be bid into the PJM markets.

(c) Not applicable.

Prepared by: Philip Nelson

**OHIO POWER COMPANY'S RESPONSES
TO THE OFFICE OF THE OHIO CONSUMERS' COUNSEL'S
DISCOVERY REQUESTS
PUCO CASE 11-346-EL-SSO and 11-348-EL-SSO - Modified ESP
SEVENTH SET**

INTERROGATORY

OCC-INT-7-162 Referring to Company witness Mitchell's testimony at pages 9-10 and Kirkpatrick's testimony at page 20 which states that "AEP Ohio is proposing that a Storm Damage Recovery Mechanism be created in the amount of $5.0 per the approved settlement in the 2011 AEP Ohio distribution rate case...":

a. What provision(s) of the settlement in the 2011 AEP Ohio distribution rate case is being referred to by Mr. Kirkpatrick's statement?;

b. How was the baseline of $5 million determined?;

c. What was the actual level of "incremental expenses incurred as a result of major storm events" (Kirkpatrick at page 20) incurred by the Company, for CSP and for OP, for each year 2006 through 2011 and year-to-date for 2012?;

d. What are the proposed carrying costs for the storm expenses deferral?;

e. Since at page 10 of his testimony Mr. Mitchell indicates that the proposed storm damage deferrals "would need to be probable of recovery in order to be established," does the Company expect that Commission approval in this ESP would be approval for both the deferral and recovery from customers?;

f. When would the Company expect to seek approval of a rider to recover the storm damage deferrals?; and

g. In any future proceeding seeking approval of a rider to recover the storm damage deferrals would the Company have the burden of proof that the deferred expenses were reasonable and prudent?

**OHIO POWER COMPANY'S RESPONSES
TO THE OFFICE OF THE OHIO CONSUMERS' COUNSEL'S
DISCOVERY REQUESTS
PUCO CASE 11-346-EL-SSO and 11-348-EL-SSO - Modified ESP
SEVENTH SET**

OCC-INT-7-162 (Continued)

RESPONSE

a. It appears there was not a line item related to this but without waiving the confidentiality of settlement discussions, I have been informed that the parties agreed that as part of the settlement in the case the parties would use Jeffrey Hecker's recommendation in his 11-346-EL-SSO filed August 4, 2011 as the baseline.

b. See "a" above.

c. See attachment OCC-INT-7-162-Attachment 1.pdf. There have been no major storm costs year-to-date for 2012.

d. There are no proposed carrying costs for the storm expense deferral.

e. The Company seeks approval in this proceeding to establish a deferral for incremental storm costs above $5 million effective January 1, 2012.

f. That is not in the control of the Company.

g. Yes.

Prepared By: Thomas Kirkpatrick

AEP Ohio
Case Nos. 11-346-EL-SSO & 11-348-EL-SSO Modified ESP 2.5
OCC-INT-7-162_Attachment 1.pdf

4/30/2012

AEP OHIO Major Storm Totals

Post Allocated Expenses

Year Storm Occured			Storm Description		Total (a)	O&M	Capital	Removal
2011	220	Columbus Southern Power - Dist	DMS11CS01	CSP/Ice 1/31/2011	$4,510,868	$4,004,449	$465,825	$40,594
2011			DMS11CS08	CSP/Wind 5/23/11	$517,882	$400,386	$96,972	$20,524
2011			DMS11CS09	CSP/Wind Storm 06/04/2011	$395,650	$299,699	$79,582	$16,368
2011			DMS11CS10	CSP/Wind Storm 06/07/2011	$297,441	$236,575	$51,842	$9,024
2011			DMS11CS11	CSP Thunder Storm 06/10/2011	$259,664	$241,166	$16,701	$1,797
2011			DMS11CS13	CSP/ Thunder Storm 7/11/2011	$646,750	$578,899	$59,311	$8,539
2011			DMS11CS15	CSP/ Thunder Storm 7/24/2011	$426,403	$374,335	$48,775	$3,293
2011			DMS11OP01	OP/Ice 1/31/2011	$0	$0	$0	$0
2011			DMS11OP03	OP/St Line Wind 2/28/11	$0	$0	$0	$0
2011			DMS11OP05	OP/Straightline 4/20/11	$0	$0	$0	$0
2011			DMS11OP06	OP/Straightline 4/27/11	$0	$0	$0	$0
2011			DMS11OP09	OP/Wind 5/23/11	-$0	-$0	-$0	$0
2011			DMS11OP13	OP Thunder Storm 06/22/2011	$0	$0	$0	$0
2011			DMS11OP14	OP Thunder Storm 07/11/2011	$0	$0	$0	$0
2011			DMS11WW03	WP/Straight Line 03/23/2011	$0	$0	$0	$0
2011				Company Total	$7,054,657	$6,135,509	$819,009	$100,138
2011	250	Ohio Power Co - Distribution	DMS11CS01	CSP/Ice 1/31/2011	$0	$0	$0	$0
2011			DMS11CS08	CSP/Wind 5/23/11	$0	$0	$0	$0
2011			DMS11CS09	CSP/Wind Storm 06/04/2011	$0	$0	$0	$0
2011			DMS11CS10	CSP/Wind Storm 06/07/2011	$0	$0	$0	$0
2011			DMS11CS11	CSP Thunder Storm 06/10/2011	$0	$0	$0	$0
2011			DMS11CS13	CSP/ Thunder Storm 7/11/2011	$0	$0	$0	$0
2011			DMS11CS15	CSP/ Thunder Storm 7/24/2011	$0	$0	$0	$0
2011			DMS11OP01	OP/Ice 1/31/2011	$6,166,214	$5,498,015	$630,010	$38,188
2011			DMS11OP03	OP/St Line Wind 2/28/11	$427,283	$235,357	$154,665	$37,260
2011			DMS11OP05	OP/Straightline 4/20/11	$640,449	$362,616	$224,243	$53,590
2011			DMS11OP06	OP/Straightline 4/27/11	$619,046	$336,481	$221,691	$60,874
2011			DMS11OP09	OP/Wind 5/23/11	$897,134	$613,420	$226,698	$57,017
2011			DMS11OP13	OP Thunder Storm 06/22/2011	$430,906	$383,721	$43,264	$3,922
2011			DMS11OP14	OP Thunder Storm 07/11/2011	$1,040,710	$916,410	$102,606	$21,693
2011			DMS11WW03	WP/Straight Line 03/23/2011	$0	$0	$0	$0
2011				Company Total	$10,221,744	$8,346,021	$1,603,178	$272,544
2011	Total Year				$17,276,401	$14,481,531	$2,422,187	$372,683

Year Storm Occured			Storm Description		Total (a)	O&M	Capital	Removal
2010	220	Columbus Southern Power - Dist	DMS10CS01	CSP/Ohio Snow Storm 2/5/10	$776,710	$712,225	$53,865	$10,620
2010			DMS10CS02	CSP/OH/Wind Event 6/3/10	$468,146	$457,913	$9,069	$1,163
2010			DMS10CS05	CSP/Thunder 8/4/2010	$621,008	$576,253	$40,119	$4,636
2010			DMS10CS06	CSP/Tornado 9/16/2010	$786,921	$331,172	$420,869	$34,881
2010			DMS10OP01	OP/Ohio Snow Storm 2/5/10	$0	$0	$0	$0
2010			DMS10OP05	OP/Thunder 8/4/2010	-$0	-$0	$0	$0
2010			DMS10OP06	OP/Tornado 9/16/2010	$0	$0	$0	$0
2010			DMS10WW01	WP/Ohio Snow Storm 2/5/10	$0	$0	$0	$0
2010			DMS10WW05	WP/Thunder 8/4/2010	$0	$0	$0	$0
2010				Company Total	$2,652,784	$2,077,563	$523,922	$51,298
2010	250	Ohio Power Co - Distribution	DMS10CS01	CSP/Ohio Snow Storm 2/5/10	$0	$0	$0	$0
2010			DMS10CS02	CSP/OH/Wind Event 6/3/10	$0	$0	$0	$0
2010			DMS10CS05	CSP/Thunder 8/4/2010	$0	$0	$0	$0
2010			DMS10CS06	CSP/Tornado 9/16/2010	-$0	-$0	$0	$0
2010			DMS10OP01	OP/Ohio Snow Storm 2/5/10	$4,077,309	$3,387,810	$655,084	$34,415
2010			DMS10OP05	OP/Thunder 8/4/2010	$2,721,121	$2,505,732	$194,413	$20,976
2010			DMS10OP06	OP/Tornado 9/16/2010	$795,016	$142,763	$607,921	$44,332
2010			DMS10WW01	WP/Ohio Snow Storm 2/5/10	$0	$0	$0	$0
2010			DMS10WW05	WP/Thunder 8/4/2010	-$0	-$0	-$0	-$0
2010				Company Total	$7,593,446	$6,036,304	$1,457,419	$99,723

(a) in certain instances the storm cost shown may span calendar years

AEP Ohio
Case Nos. 11-346-EL-SSO & 11-348-EL-SSO Modified ESP 2.5
OCC-INT-7-162_Attachment 1.pdf

4/30/2012

AEP OHIO Major Storm Totals

Post Allocated Expenses

Year Storm Occured			Storm Description		Total (a)	O&M	Capital	Removal
2010	**Total Year**				**$10,246,230**	**$8,113,867**	**$1,981,341**	**$151,028**

Year Storm Occured			Storm Description		Total (a)	O&M	Capital	Removal
2009	220	Columbus Southern Power - Dist	DMS9CS001	CSP Mod Ice Storm 1/28/09	**$8,223,386**	$7,703,965	$445,564	$73,857
2009			DMS9CS002	CSP S/L Wind Storm 2/11/09	**$4,515,863**	$3,400,866	$999,964	$115,033
2009			DMS9OP001	OP Mod Ice Storm 1/28/09	**$0**	$0	$0	-$0
2009			DMS9OP002	OP S/L Wind Storm 2/11/09	**-$0**	$0	-$0	$0
2009			DMS9OP004	OP/Straight Line Wind 7/11/09	**$0**	-$0	$0	$0
2009			DMS9OP005	OP/Straight Line Wind 12/8/09	**-$0**	-$0	$0	$0
2009			DMS9WW002	WP S/L Wind Storm 2/11/09	**$0**	$0	$0	$0
2009			DMS9WW004	WP/Straight Line Wind 12/8/09	**$0**	-$0	$0	$0
2009				**Company Total**	$12,739,250	$11,104,831	$1,445,528	$188,890
2009	250	Ohio Power Co - Distribution	DMS9CS001	CSP Mod Ice Storm 1/28/09	**$0**	$0	$0	-$0
2009			DMS9CS002	CSP S/L Wind Storm 2/11/09	**$0**	$0	$0	$0
2009			DMS9OP001	OP Mod Ice Storm 1/28/09	**$7,618,380**	$6,857,644	$694,158	$66,579
2009			DMS9OP002	OP S/L Wind Storm 2/11/09	**$3,716,394**	$2,601,700	$1,039,967	$74,728
2009			DMS9OP004	OP/Straight Line Wind 7/11/09	**$843,555**	$645,933	$180,373	$17,249
2009			DMS9OP005	OP/Straight Line Wind 12/8/09	**$718,854**	$510,250	$190,437	$18,167
2009			DMS9WW002	WP S/L Wind Storm 2/11/09	**-$0**	-$0	-$0	$0
2009			DMS9WW003	WP/Thunderstorm 6/17/09	**$0**	$0		
2009			DMS9WW004	WP/Straight Line Wind 12/8/09	**$0**	$0	$0	$0
2009				**Company Total**	$12,897,183	$10,615,527	$2,104,934	$176,722
2009	**Total Year**				**$25,636,433**	**$21,720,358**	**$3,550,462**	**$365,613**

Year Storm Occured			Storm Description		Total (a)	O&M	Capital	Removal
2008	220	Columbus Southern Power - Dist	DMS8CS001	CSP Thunder Chilli Dist 6 4 08	**$124,179**	$113,839	$9,413	$927
2008			DMS8CS003	CSP Thunderstorm Cols 6 12 08	**$427,175**	$404,134	$20,513	$2,528
2008			DMS8CS005	CSP Thunderstorm 7 22 08	**$489,920**	$418,166	$65,405	$6,349
2008			DMS8CS006	CSP Wind Storm 9 14 08	**$22,485,498**	$17,235,290	$4,845,321	$404,887
2008			DMS8OP002	OP Mod Ice Storm 03 04 08	**$0**	$0	$0	$0
2008			DMS8OP004	OP Thunder Storm W OH 6 10 0	**-$0**	-$0	$0	$0
2008			DMS8OP006	OP Thunderstorm Canton 6 13 0	**$0**	$0		
2008			DMS8OP008	OP Thunderstorm 7 22 08	**$0**	-$0	$0	$0
2008			DMS8OP009	OP Wind Storm 9 14 08	**-$41,203**	-$41,203	$0	$0
2008			DMS8OP010	OP Ice Storm 12/18/2008	**-$0**	$0	-$0	$0
2008			DMS8WW001	WP Wind Storm 9 14 08	**$0**	$0	$0	$0
2008				**Company Total**	$23,485,570	$18,130,226	$4,940,653	$414,690
2008	250	Ohio Power Co - Distribution	DMS8CS001	CSP Thunder Chilli Dist 6 4 08	**$0**	$0	$0	$0
2008			DMS8CS003	CSP Thunderstorm Cols 6 12 08	**-$0**	-$0	-$0	-$0
2008			DMS8CS005	CSP Thunderstorm 7 22 08	**-$0**	-$0	$0	$0
2008			DMS8CS006	CSP Wind Storm 9 14 08	**-$33,512**	-$33,512	$0	$0
2008			DMS8OP002	OP Mod Ice Storm 03 04 08	**$600,958**	$513,809	$75,235	$11,913
2008			DMS8OP004	OP Thunder Storm W OH 6 10 0	**$669,551**	$523,609	$133,308	$12,634
2008			DMS8OP006	OP Thunderstorm Canton 6 13 0	**$451,122**	$354,345	$84,429	$12,348
2008			DMS8OP008	OP Thunderstorm 7 22 08	**$1,163,023**	$901,748	$233,902	$27,372
2008			DMS8OP009	OP Wind Storm 9 14 08	**$16,954,519**	$12,767,880	$3,874,398	$312,242
2008			DMS8OP010	OP Ice Storm 12/18/2008	**$1,224,216**	$1,145,049	$71,264	$7,904
2008			DMS8WW001	WP Wind Storm 9 14 08	**$0**	$0	$0	$0
2008				**Company Total**	$21,029,875	$16,172,928	$4,472,536	$384,412
2008	**Total Year**				**$44,515,445**	**$34,303,154**	**$9,413,189**	**$799,102**

(a) in certain instances the storm cost shown may span calendar years

4/30/2012

AEP OHIO Major Storm Totals

Post Allocated Expenses

Year Storm Occured			Storm Description		Total (a)	O&M	Capital	Removal

Year Storm Occured			Storm Description		Total (a)	O&M	Capital	Removal
2007	220	Columbus Southern Power - Dist	DMS7OP002	OP Ice Storm 2 13 2007	$53	$53	$0	$0
2007				Company Total	$53	$53	$0	$0
2007	250	Ohio Power Co - Distribution	DMS7OP002	OP Ice Storm 2 13 2007	$1,911,399	$1,846,837	$53,937	$10,626
2007				Company Total	$1,911,399	$1,846,837	$53,937	$10,626
2007	**Total Year**				**$1,911,452**	**$1,846,890**	**$53,937**	**$10,626**

Year Storm Occured			Storm Description		Total (a)	O&M	Capital	Removal
2006	220	Columbus Southern Power - Dist	DMS6CS001	CSP Thunder Wind Storm 6 22 C	$763,024	$689,143	$68,827	$5,054
2006			DMS6CS002	CSP Straight Line Wind 12 1 06	$952,760	$748,958	$111,831	$91,972
2006			DMS6OP001	OP Thunder Wind Storm 6 22 06	-$8,200	-$8,200	$0	$0
2006			DMS6OP002	OP Straight Line Wind 8 3 06	-$1,747	-$1,747	$0	$0
2006			DMS6OP003	OP Straight Line Wind 12 1 06	$0	$0	$0	$0
2006			DMS6WW001	WP Dec 1 Str Line Wind	$0	$0	$0	
2006				Company Total	$1,705,837	$1,428,153	$180,658	$97,025
2006	250	Ohio Power Co - Distribution	DMS6CS001	CSP Thunder Wind Storm 6 22 C	-$1,026	-$1,026	$0	$0
2006			DMS6CS002	CSP Straight Line Wind 12 1 06	$0	$0	$0	$0
2006			DMS6OP001	OP Thunder Wind Storm 6 22 06	$5,275,392	$4,164,653	$908,314	$202,425
2006			DMS6OP002	OP Straight Line Wind 8 3 06	$582,496	$459,302	$109,470	$13,726
2006			DMS6OP003	OP Straight Line Wind 12 1 06	$1,268,263	$868,746	$353,457	$46,060
2006			DMS6WW001	WP Dec 1 Str Line Wind	$0	$0	$0	$0
2006				Company Total	$7,125,127	$5,491,675	$1,371,241	$262,211
2006	**Total Year**				**$8,830,964**	**$6,919,828**	**$1,551,900**	**$358,237**

Year Storm Occured			Storm Description		Total (a)	O&M	Capital	Removal
2005	220	Columbus Southern Power - Dist	DMS5CS001	CSP Pre Valid Maj Storm	$123,996	$100,557	$19,055	$4,384
2005			DMS5CS005	CSP July 25th Storm Winds	$545,904	$412,265	$107,098	$26,541
2005			DMS5OP001	OP Major Storm Jan 4 2005	-$24,077	-$24,077	-$0	$0
2005			DMS5OP006	OP July 25th Storm Winds	-$1,955	-$1,958	$3	-$0
2005				Company Total	$643,867	$486,786	$126,156	$30,925
2005	250	Ohio Power Co - Distribution	DMS5CS001	CSP Pre Valid Maj Storm	-$24	-$24		
2005			DMS5CS005	CSP July 25th Storm Winds	-$1,212	-$1,222	$9	$0
2005			DMS5OP001	OP Major Storm Jan 4 2005	$11,568,723	$9,880,937	$1,367,554	$320,232
2005			DMS5OP006	OP July 25th Storm Winds	$2,277,684	$1,543,728	$583,773	$150,182
2005				Company Total	$13,845,170	$11,423,420	$1,951,336	$470,414
2005	**Total Year**				**$14,489,038**	**$11,910,206**	**$2,077,493**	**$501,339**

(a) in certain instances the storm cost shown may span calendar years

Statutory Test
Modified ESP compared to expected results of an MRO

(Million $)		AEP Ohio requested $355.72 capacity			$145.79 capacity		
		ESP period (June 2012 - May 2015)	Future (post May 2015)	Total	ESP period (June 2012 - May 2015)	Future (post May 2015)	Total
QUANTIFIABLE BENEFITS (COSTS):							
SSO Price Comparison	(a)	28.1		28.1	(17.5)		(17.5)
Discounted, tiered capacity for CRES	(b)						
Retail Stability Rider (does not include additional cost for IRP-D, see below as NRQ)	(c)	(284.1)		(284.1)	(643.0)		(643.0)
Generation Resource Rider	(d)	(8.4)	(346.4)	(354.8)	(8.4)	(346.4)	(354.8)
Total Quantifiable Benefits (Costs)		(264.4)	(346.4)	(610.8)	(668.9)	(346.4)	(1,015.3)

OTHER NOT READILY QUANTIFIABLE (NRQ):	**Benefit**	**Cost**
Delivery and pricing of energy at market prices beginning 1/15, sooner than under an MRO	NRQ (c)	Modified ESP
Fixed EICCR amount rolled into non-fuel generation rates	NRQ (c)	Modified ESP
No non-fuel generation rate increase	NRQ (c)	Modified ESP
Unification of PIRR and FAC	NRQ (c)	Modified ESP
Advancement of state policies	NRQ (c)	Modified ESP
Distribution Improvement Rider (DIR)	NRQ (c)	NRQ - acceleration of payment by customers (b)
Enhanced Service Reliability Rider (ESRR)	NRQ (c)	NRQ (b)
gridSMART Rider	NRQ (c)	NRQ (b)
Retail Stability Rider - cost additional to above quantification for IRP-D		NRQ (b)
Deferral of Storm Expenses		Unknown (b)
Deferral of Retired Meter Net Book Value		Unknown (b)

(a) BEH-2a & b

(b) Hixon Testimony

(c) For AEP requested capacity of $355.72, Thomas LJT-1, p. 1
For $145.79 capacity, derived from Allen Workpapers, "Retail Stability Rider" and "Revenue Summary", using $146 for all capacity. The resulting RSR of $643 million agrees approximately with Allen estimate that "for every $10/MW-day decrease in the charge for Tier 2 capacity, the Retail Stability Rider would increase by $33M" (i.e. $255 - $146 = $109/$10 = 10.9 x $33 million = $359.7 million + 284.1 million = $643.8 million)

(d) Nelson PJN-5 (5/2/12), future amounts not net of market energy and capacity revenues (see Hixon testimony) since energy and capacity revenues have not been estimated by the Company for the period beyond May 2015 (OCC Interrogatorny No. 179) (Attachment BEH-2)

Revised Schedule BEH-2a

Statutory Test

Modified ESP compared to expected results of an MRO

SSO Price Comparison - AEP Ohio requested $355.72 capacity in Expected MRO Bid

	Generation Service Price ($/MWH)	(a)	PY 2012/2013 (1)	PY 2013/2014 (2)	PY 2014/2015 Jun-Dec 2014 (3)	PY 2014/2015 Jan-May 2015 (4)	Wtd Average
1	Current Base ESP 'g' Rate		21.26	21.26	21.28	21.22	21.26
2	Current TCCR 'g' component		2.95	2.95	2.95	2.94	2.95
3	Current EICCR		1.60	1.60	1.61	1.60	1.60
4	Market Comparable Base 'g'		25.81	25.81	25.84	25.76	25.81
5	Current Fuel Factor		36.35	36.36	36.39	36.32	36.36
6	Total Generation Service Price for blending		62.16	62.17	62.23	62.08	62.17
	Expected Bid Price ($/MWH)	(b)					
7	Competitive Benchmark (at $355.72/MW-Day)		69.36	71.09	74.34	74.34	71.60
	MRO Pricing ($/MWH)						
8	Generation Service Price		62.16	62.17	62.23	62.08	62.17
9	Generation Service Weight		90%	80%	70%	70%	
10	Expected Bid Price		69.36	71.09	74.34	74.34	71.60
11	Expected Bid Weight		10%	20%	30%	30%	
12	MRO Annual Price		62.88	63.95	65.86	65.76	64.22
	MRO - ESP Price Comparison ($/MWH)						
13	Proposed Modified ESP Price	(c)	62.12	61.79	61.82	74.34	63.62
14	MRO Annual Price		62.88	63.95	65.86	65.76	64.22
15	Modified ESP Benefit (Cost)		0.76	2.16	4.04	(8.58)	0.60

SSO Price Comparison - Revenue (Price x kWh (d))

	Generation Service Price		PY 2012/2013 (1)	PY 2013/2014 (2)	PY 2012/2013 Jun-Dec 2014 (3)	PY 2012/2013 Jan-May 2015 (4)	Total
16	Current Base ESP 'g' Rate		$1,024,623,306	$1,026,026,251	$605,071,259	$418,841,336	$3,074,562,152
17	Current TCCR 'G' component		142,174,918	142,369,588	83,879,709	58,029,855	426,454,070
18	Current EICCR		77,111,820	77,217,404	45,778,418	31,580,874	231,688,516
19	Market Comparable Base 'g'		1,243,910,044	1,245,613,243	734,729,386	508,452,065	3,732,704,738
20	Current Fuel Factor		1,751,884,157	1,754,765,497	1,034,705,973	716,885,831	5,258,241,458
21	Total Generation Service Price for blending		2,995,794,201	3,000,378,740	1,769,435,359	1,225,337,896	8,990,946,196
	Expected Bid Price						
22	Competitive Benchmark (at $355.72/MW-Day)		3,342,797,391	3,430,865,764	2,113,768,674	1,467,326,339	10,354,758,168
	MRO Pricing						
23	Generation Service Price		2,995,794,201	3,000,378,740	1,769,435,359	1,225,337,896	8,990,946,196
24	Generation Service Weight		90%	80%	70%	70%	
25	Expected Bid Price		3,342,797,391	3,430,865,764	2,113,768,674	1,467,326,339	10,354,758,168
26	Expected Bid Weight		10%	20%	30%	30%	
27	MRO Annual Price		3,030,494,520	3,086,476,145	1,872,735,354	1,297,934,429	9,287,640,447
	MRO - ESP Price Comparison						
28	Proposed Modified ESP Price		2,993,866,406	2,982,039,606	1,757,777,501	1,467,326,339	9,201,009,852
29	MRO Annual Price		3,030,494,520	3,086,476,145	1,872,735,354	1,297,934,429	9,287,640,447
30	Modified ESP Benefit (Cost) on Total Connected Load		$36,628,114	$104,436,539	$114,957,853	($169,391,910)	$86,630,595
31	Percentage of SSO Load to Total Load	(e)	37%	29%	29%	29%	
32	Modified ESP Benefit (Cost) on SSO Load		$13,552,402	$30,286,596	$33,337,777	($49,123,654)	$28,053,122

(a) Thomas 3-30-12 testimony, Exhibit LJT-1, page 2 of 3
(b) Thomas 3-30-12 testimony, Exhibit LJT-1, page 2 of 3
(c) Roush 3-30-12 testimony, Exhibit DMR-2 and Expected Bid Price for Jan - May 2015
(d) Thomas 3-30-12 testimony, Exhibit LJT-1, page 3 of 3

Connected Load (kWh)	48,194,887,407	48,260,877,259	28,433,799,761	19,738,045,996	144,627,610,423

(e) Derived from MWh load from Thomas 3-30-12 testimony, Exhibit LJT-4, page 1 of 1

SSO Load	17,950.3	13,829.1	8,121.1	5,674.0
OAD Load	30,244.6	34,431.8	20,312.7	14,064.1
Total Load	48,194.9	48,260.9	28,433.8	19,738.1

Statutory Test
Modified ESP compared to expected results of an MRO
SSO Price Comparison - $145.79 capacity in Expected MRO Bid

	Generation Service Price ($/MWH)	(a)	PY 2012/2013 (1)	PY 2013/2014 (2)	PY 2014/2015 Jun-Dec 2014 (3)	PY 2014/2015 Jan-May 2015 (4)	Wtd Average
1	Current Base ESP 'g' Rate		21.26	21.26	21.28	21.22	21.26
2	Current TCCR 'g' component		2.95	2.95	2.95	2.94	2.95
3	Current EICCR		1.60	1.60	1.61	1.60	1.60
4	Market Comparable Base 'g'		25.81	25.81	25.84	25.76	25.81
5	Current Fuel Factor		36.35	36.36	36.39	36.32	36.36
6	Total Generation Service Price for blending		62.16	62.17	62.23	62.08	62.17
	Expected Bid Price ($/MWH)	(b)					
7	Competitive Benchmark (at $145.79/MW-Day)		53.90	56.69	59.80	59.80	56.80
	MRO Pricing ($/MWH)						
8	Generation Service Price		62.16	62.17	62.23	62.08	62.17
9	Generation Service Weight		90%	80%	70%	70%	
10	Expected Bid Price		53.90	56.69	59.80	59.80	56.80
11	Expected Bid Weight		10%	20%	30%	30%	
12	MRO Annual Price		61.33	61.07	61.50	61.40	61.29
	MRO - ESP Price Comparison ($/MWH)						
13	Proposed Modified ESP Price	(c)	62.12	61.79	61.82	59.80	61.63
14	MRO Annual Price		61.33	61.07	61.50	61.40	61.29
15	Modified ESP Benefit (Cost)		(0.79)	(0.72)	(0.32)	1.60	(0.35)

SSO Price Comparison - Revenue (Price x kWh (d))

	Generation Service Price		PY 2012/2013 (1)	PY 2013/2014 (2)	PY 2012/2013 Jun-Dec 2014 (3)	PY 2012/2013 Jan-May 2015 (4)	Total
16	Current Base ESP 'g' Rate		$1,024,623,306	$1,026,026,251	$605,071,259	$418,841,336	$3,074,562,152
17	Current TCCR 'G' component		142,174,918	142,369,588	83,879,709	58,029,855	426,454,070
18	Current EICCR		77,111,820	77,217,404	45,778,418	31,580,874	231,688,516
19	Market Comparable Base 'g'		1,243,910,044	1,245,613,243	734,729,386	508,452,065	3,732,704,738
20	Current Fuel Factor		1,751,884,157	1,754,765,497	1,034,705,973	716,885,831	5,258,241,458
21	Total Generation Service Price for blending		2,995,794,201	3,000,378,740	1,769,435,359	1,225,337,896	8,990,946,196
	Expected Bid Price						
22	Competitive Benchmark (at $145.79/MW-Day)		2,597,704,431	2,735,909,132	1,700,341,226	1,180,335,151	8,214,289,940
	MRO Pricing						
23	Generation Service Price		2,995,794,201	3,000,378,740	1,769,435,359	1,225,337,896	8,990,946,196
24	Generation Service Weight		90%	80%	70%	70%	
25	Expected Bid Price		2,597,704,431	2,735,909,132	1,700,341,226	1,180,335,151	8,214,289,940
26	Expected Bid Weight		10%	20%	30%	30%	
27	MRO Annual Price		2,955,985,224	2,947,484,818	1,748,707,119	1,211,837,073	8,864,014,234
	MRO - ESP Price Comparison						
28	Proposed Modified ESP Price		2,993,866,406	2,982,039,606	1,757,777,501	1,180,335,151	8,914,018,664
29	MRO Annual Price		2,955,985,224	2,947,484,818	1,748,707,119	1,211,837,073	8,864,014,234
30	Modified ESP Benefit (Cost) on Total Connected Load		($37,881,182)	($34,554,788)	($9,070,382)	$31,501,922	($50,004,430)
31	Percentage of SSO Load to Total Load	(e)	37%	29%	29%	29%	
32	Modified ESP Benefit (Cost) on SSO Load		($14,016,037)	($10,020,888)	($2,630,411)	$9,135,557	($17,531,779)

(a) Thomas 3-30-12 testimony, Exhibit LJT-1, page 2 of 3
(b) Thomas Workpaper 2012-3-30 Exhibits 2-4 and WPs.xls, CBP 146
(c) Roush 3-30-12 testimony, Exhibit DMR-2 and Expected Bid Price for Jan - May 2015
(d) Thomas 3-30-12 testimony, Exhibit LJT-1, page 3 of 3

	(1)	(2)	(3)	(4)	Total
Connected Load (kWh)	48,194,887,407	48,260,877,259	28,433,799,761	19,738,045,996	144,627,610,423

(e) Derived from MWh load from Thomas 3-30-12 testimony, Exhibit LJT-4, page 1 of 1

	(1)	(2)	(3)	(4)
SSO Load	17,950.3	13,829.1	8,121.1	5,674.0
OAD Load	30,244.6	34,431.8	20,312.7	14,064.1
Total Load	48,194.9	48,260.9	28,433.8	19,738.1

UPDATED ATTACHMENT IS-E

Calculation of Carrying Charges Net of ADIT
Numbers are in Dollars

Option Two - Normalization Method	OCC 2009	OCC 2010	OCC 2011	OCC Ending Balance as of 3/31/2012	AEP 2009	AEP 2010	AEP 2011	AEP Ending Balance as of 3/31/2012
(1) Deferred Fuel Balance Per Year *	0.00	0.00	0.00	549,406,385	0.00	0.00	0.00	549,406,385
(2) Carrying cost Plus Pervious Fuel Balance	0	0.00	0.00	0.00	0	0.00	0.00	-
(3) Related Income Tax Savings (ADIT) (1) x 35%	0.00	0.00	0.00	192,292,235	0	0	0	-
(4) Balance Subject to Carrying Charge (1) + (2)	0.00	0.00	0.00	357,114,150	0.00	0.00	0.00	549,406,385
(5) Carrying Charge Rate	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	
(6) Carrying Cost (4) x (5)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
(7) Ending Balance - Fuel & Carrying Cost (1)+(2)+(6)	0.00	0.00	0.00	549,406,385	0.00	0.00	0.00	549,406,385

OCC

Recovery Period	2012	2013	2014	2015	2016	2017	2018	Total Payment	Over Collection
(1) Deferred Fuel Balance	549,406,385	478,622,842	405,494,917	329,895,719	251,691,486	170,741,218	86,896,282		
(2) ADIT Balance	192,292,235	164,821,916	137,351,596	109,881,277	82,410,958	54,940,639	27,470,319		
(3) Deferred Fuel Balance net of ADIT (1) - (2)	357,114,150	313,800,926	268,143,321	220,014,442	169,280,528	115,800,579	59,425,962		
(4) Annual Payment - Principal	70,783,543	73,127,925	75,599,198	78,204,233	80,950,268	83,844,936	86,896,281	549,406,385	
(5) Annual - Interest	16,954,769	14,610,388	12,139,114	9,534,080	6,788,044	3,893,376	842,031	64,761,803	
(6) Total Annual Payment (4) + (5)	87,738,313	87,738,313	87,738,313	87,738,313	87,738,313	87,738,313	87,738,313	614,168,188	
(7) Balance Subject to Carrying Charge (3) - ((4) / 2)	321,722,378	277,236,964	230,343,722	180,912,325	128,805,394	73,878,111	15,977,822		
(8) Carrying Charge Rate	0.0527	0.0527	0.0527	0.0527	0.0527	0.0527	0.0527		
(9) Carrying Cost (7) x (8)	16,954,769	14,610,388	12,139,114	9,534,080	6,788,044	3,893,376	842,031		
(10) Ending Balance (1) - (4) + (5)	478,622,842	405,494,917	329,895,719	251,691,486	170,741,218	86,896,282	0		

AEP

Recovery Period	2,012	2,013	2,014	2,015	2,016	2,017	2,018	Total Payment	
(1) Deferred Fuel Balance	549,406,385	482,770,656	412,528,186	338,483,757	260,431,582	178,154,737	91,424,557		
(2) ADIT Balance	-	-	-	-	-	-	-		
(3) Deferred Fuel Balance net of ADIT (1) - (2)	549,406,385	482,770,656	412,528,186	338,483,757	260,431,582	178,154,737	91,424,557		
(4) Annual Payment - Principal	66,635,729	70,242,470	74,044,430	78,052,175	82,276,845	86,730,180	91,424,557	549,406,385	1
(5) Annual - Interest	27,197,865	23,591,124	19,789,165	15,781,419	11,556,749	7,103,414	2,409,037	107,428,774	42,666,971
(6) Total Annual Payment (4) + (5)	93,833,594	93,833,594	93,833,594	93,833,594	93,833,594	93,833,594	93,833,594	656,835,159	42,666,972
(7) Balance Subject to Carrying Charge (3) - ((4) / 2)	516,088,520	447,649,421	375,505,971	299,457,669	219,293,159	134,789,647	45,712,278		
(8) Carrying Charge Rate	0.0527	0.0527	0.0527	0.0527	0.0527	0.0527	0.0527		
(9) Carrying Cost (7) x (8)	27,197,865	23,591,124	19,789,165	15,781,419	11,556,749	7,103,414	2,409,037		
(10) Ending Balance (1) - (4) + (5)	482,770,656	412,528,186	338,483,757	260,431,582	178,154,737	91,424,557	(0)		

* March 31, 2012 Fuel Balance and ADIT Balance are provided by AEP Ohio in Responses to OCC-INT-007 and INT-144.

OCC

UPDATED ATTACHMENT
IS-F

Option Two	
ADIT	$192,292,235.00
Deferred Balance	$549,406,385.00
Cost of Debt	5.27%
Amortization Period	7 Years

	Date	Beginning Balance	ADIT	Balance Net of ADIT	Total Payment	Principal	Interest	Ending Balance
1	1/1/2012	549,406,385.00	192,292,235.00	357,114,150.00	7,384,694.17	5,816,367.86	1,568,326.31	543,590,017.14
2	2/1/2012	543,590,017.14	189,987,534.30	353,602,482.84	7,384,694.17	5,831,789.93	1,552,904.24	537,758,227.21
3	3/1/2012	537,758,227.21	187,682,833.60	350,075,393.61	7,384,694.17	5,847,279.73	1,537,414.44	531,910,947.47
4	4/1/2012	531,910,947.47	185,378,132.90	346,532,814.57	7,384,694.17	5,862,837.56	1,521,856.61	526,048,109.91
5	5/1/2012	526,048,109.91	183,073,432.20	342,974,677.71	7,384,694.17	5,878,463.71	1,506,230.46	520,169,646.20
6	6/1/2012	520,169,646.20	180,768,731.50	339,400,914.70	7,384,694.17	5,894,158.49	1,490,535.68	514,275,487.72
7	7/1/2012	514,275,487.72	178,464,030.80	335,811,456.92	7,384,694.17	5,909,922.19	1,474,771.98	508,365,565.53
8	8/1/2012	508,365,565.53	176,159,330.10	332,206,235.43	7,384,694.17	5,925,755.12	1,458,939.05	502,439,810.41
9	9/1/2012	502,439,810.41	173,854,629.40	328,585,181.01	7,384,694.17	5,941,657.58	1,443,036.59	496,498,152.83
10	10/1/2012	496,498,152.83	171,549,928.70	324,948,224.13	7,384,694.17	5,957,629.89	1,427,064.28	490,540,522.94
11	11/1/2012	490,540,522.94	169,245,228.00	321,295,294.94	7,384,694.17	5,973,672.33	1,411,021.84	484,566,850.61
12	12/1/2012	484,566,850.61	166,940,527.30	317,626,323.31	7,384,694.17	5,989,785.23	1,394,908.94	478,577,065.37
13	1/1/2013	478,577,065.37	164,635,826.60	313,941,238.77	7,384,694.17	6,005,968.90	1,378,725.27	472,571,096.48
14	2/1/2013	472,571,096.48	162,331,125.90	310,239,970.58	7,384,694.17	6,022,223.63	1,362,470.54	466,548,872.84
15	3/1/2013	466,548,872.84	160,026,425.20	306,522,447.64	7,384,694.17	6,038,549.75	1,346,144.42	460,510,323.09
16	4/1/2013	460,510,323.09	157,721,724.50	302,788,598.59	7,384,694.17	6,054,947.57	1,329,746.60	454,455,375.52
17	5/1/2013	454,455,375.52	155,417,023.80	299,038,351.72	7,384,694.17	6,071,417.41	1,313,276.76	448,383,958.11
18	6/1/2013	448,383,958.11	153,112,323.10	295,271,635.01	7,384,694.17	6,087,959.57	1,296,734.60	442,295,998.53
19	7/1/2013	442,295,998.53	150,807,622.40	291,488,376.13	7,384,694.17	6,104,574.38	1,280,119.79	436,191,424.15
20	8/1/2013	436,191,424.15	148,502,921.70	287,688,502.45	7,384,694.17	6,121,262.16	1,263,432.01	430,070,161.99
21	9/1/2013	430,070,161.99	146,198,221.00	283,871,940.99	7,384,694.17	6,138,023.23	1,246,670.94	423,932,138.76
22	10/1/2013	423,932,138.76	143,893,520.30	280,038,618.46	7,384,694.17	6,154,857.90	1,229,836.27	417,777,280.85
23	11/1/2013	417,777,280.85	141,588,819.60	276,188,461.25	7,384,694.17	6,171,766.51	1,212,927.66	411,605,514.34
24	12/1/2013	411,605,514.34	139,284,118.90	272,321,395.44	7,384,694.17	6,188,749.38	1,195,944.79	405,416,764.97
25	1/1/2014	405,416,764.97	136,979,418.20	268,437,346.77	7,384,694.17	6,205,806.82	1,178,887.35	399,210,958.14
26	2/1/2014	399,210,958.14	134,674,717.50	264,536,240.64	7,384,694.17	6,222,939.18	1,161,754.99	392,988,018.96
27	3/1/2014	392,988,018.96	132,370,016.80	260,618,002.16	7,384,694.17	6,240,146.78	1,144,547.39	386,747,872.19
28	4/1/2014	386,747,872.19	130,065,316.10	256,682,556.09	7,384,694.17	6,257,429.94	1,127,264.23	380,490,442.24
29	5/1/2014	380,490,442.24	127,760,615.40	252,729,826.84	7,384,694.17	6,274,789.01	1,109,905.16	374,215,653.23
30	6/1/2014	374,215,653.23	125,455,914.70	248,759,738.53	7,384,694.17	6,292,224.32	1,092,469.85	367,923,428.91
31	7/1/2014	367,923,428.91	123,151,214.00	244,772,214.91	7,384,694.17	6,309,736.19	1,074,957.98	361,613,692.72
32	8/1/2014	361,613,692.72	120,846,513.30	240,767,179.42	7,384,694.17	6,327,324.97	1,057,369.20	355,286,367.74
33	9/1/2014	355,286,367.74	118,541,812.60	236,744,555.14	7,384,694.17	6,344,991.00	1,039,703.17	348,941,376.75
34	10/1/2014	348,941,376.75	116,237,111.90	232,704,264.85	7,384,694.17	6,362,734.61	1,021,959.56	342,578,642.14
35	11/1/2014	342,578,642.14	113,932,411.20	228,646,230.94	7,384,694.17	6,380,556.14	1,004,138.03	336,198,086.00
36	12/1/2014	336,198,086.00	111,627,710.50	224,570,375.50	7,384,694.17	6,398,455.94	986,238.23	329,799,630.06
37	1/1/2015	329,799,630.06	109,323,009.80	220,476,620.26	7,384,694.17	6,416,434.35	968,259.82	323,383,195.72
38	2/1/2015	323,383,195.72	107,018,309.10	216,364,886.62	7,384,694.17	6,434,491.71	950,202.46	316,948,704.01
39	3/1/2015	316,948,704.01	104,713,608.40	212,235,095.61	7,384,694.17	6,452,628.38	932,065.79	310,496,075.63
40	4/1/2015	310,496,075.63	102,408,907.70	208,087,167.93	7,384,694.17	6,470,844.69	913,849.48	304,025,230.94
41	5/1/2015	304,025,230.94	100,104,207.00	203,921,023.94	7,384,694.17	6,489,141.01	895,553.16	297,536,089.93
42	6/1/2015	297,536,089.93	97,799,506.30	199,736,583.63	7,384,694.17	6,507,517.67	877,176.50	291,028,572.26
43	7/1/2015	291,028,572.26	95,494,805.60	195,533,766.66	7,384,694.17	6,525,975.04	858,719.13	284,502,597.22
44	8/1/2015	284,502,597.22	93,190,104.90	191,312,492.32	7,384,694.17	6,544,513.47	840,180.70	277,958,083.74
45	9/1/2015	277,958,083.74	90,885,404.20	187,072,679.54	7,384,694.17	6,563,133.32	821,560.85	271,394,950.42
46	10/1/2015	271,394,950.42	88,580,703.50	182,814,246.92	7,384,694.17	6,581,834.94	802,859.23	264,813,115.49
47	11/1/2015	264,813,115.49	86,276,002.80	178,537,112.69	7,384,694.17	6,600,618.68	784,075.49	258,212,496.80
48	12/1/2015	258,212,496.80	83,971,302.10	174,241,194.70	7,384,694.17	6,619,484.92	765,209.25	251,593,011.88
49	1/1/2016	251,593,011.88	81,666,601.40	169,926,410.48	7,384,694.17	6,638,434.02	746,260.15	244,954,577.86
50	2/1/2016	244,954,577.86	79,361,900.70	165,592,677.16	7,384,694.17	6,657,466.33	727,227.84	238,297,111.53
51	3/1/2016	238,297,111.53	77,057,200.00	161,239,911.53	7,384,694.17	6,676,582.23	708,111.94	231,620,529.31
52	4/1/2016	231,620,529.31	74,752,499.30	156,868,030.01	7,384,694.17	6,695,782.07	688,912.10	224,924,747.24
53	5/1/2016	224,924,747.24	72,447,798.60	152,476,948.64	7,384,694.17	6,715,066.24	669,627.93	218,209,681.00
54	6/1/2016	218,209,681.00	70,143,097.90	148,066,583.10	7,384,694.17	6,734,435.09	650,259.08	211,475,245.91
55	7/1/2016	211,475,245.91	67,838,397.20	143,636,848.71	7,384,694.17	6,753,889.01	630,805.16	204,721,356.90
56	8/1/2016	204,721,356.90	65,533,696.50	139,187,660.40	7,384,694.17	6,773,428.36	611,265.81	197,947,928.54
57	9/1/2016	197,947,928.54	63,228,995.80	134,718,932.74	7,384,694.17	6,793,053.52	591,640.65	191,154,875.01
58	10/1/2016	191,154,875.01	60,924,295.10	130,230,579.91	7,384,694.17	6,812,764.87	571,929.30	184,342,110.14
59	11/1/2016	184,342,110.14	58,619,594.40	125,722,515.74	7,384,694.17	6,832,562.79	552,131.38	177,509,547.35
60	12/1/2016	177,509,547.35	56,314,893.70	121,194,653.65	7,384,694.17	6,852,447.65	532,246.52	170,657,099.70
61	1/1/2017	170,657,099.70	54,010,193.00	116,646,906.70	7,384,694.17	6,872,419.84	512,274.33	163,784,679.86
62	2/1/2017	163,784,679.86	51,705,492.30	112,079,187.56	7,384,694.17	6,892,479.74	492,214.43	156,892,200.13
63	3/1/2017	156,892,200.13	49,400,791.60	107,491,408.53	7,384,694.17	6,912,627.73	472,066.44	149,979,572.39
64	4/1/2017	149,979,572.39	47,096,090.90	102,883,481.49	7,384,694.17	6,932,864.21	451,829.96	143,046,708.18
65	5/1/2017	143,046,708.18	44,791,390.20	98,255,317.98	7,384,694.17	6,953,189.57	431,504.60	136,093,518.61
66	6/1/2017	136,093,518.61	42,486,689.50	93,606,829.11	7,384,694.17	6,973,604.18	411,089.99	129,119,914.43
67	7/1/2017	129,119,914.43	40,181,988.80	88,937,925.63	7,384,694.17	6,994,108.45	390,585.72	122,125,805.99
68	8/1/2017	122,125,805.99	37,877,288.10	84,248,517.89	7,384,694.17	7,014,702.76	369,991.41	115,111,103.22
69	9/1/2017	115,111,103.22	35,572,587.40	79,538,515.82	7,384,694.17	7,035,387.52	349,306.65	108,075,715.70
70	10/1/2017	108,075,715.70	33,267,886.70	74,807,829.00	7,384,694.17	7,056,163.12	328,531.05	101,019,552.58
71	11/1/2017	101,019,552.58	30,963,186.00	70,056,366.58	7,384,694.17	7,077,029.96	307,664.21	93,942,522.62
72	12/1/2017	93,942,522.62	28,658,485.30	65,284,037.32	7,384,694.17	7,097,988.44	286,705.73	86,844,534.18
73	1/1/2018	86,844,534.18	26,353,784.60	60,490,749.58	7,384,694.17	7,119,038.96	265,655.21	79,725,495.22
74	2/1/2018	79,725,495.22	24,049,083.90	55,676,411.32	7,384,694.17	7,140,181.93	244,512.24	72,585,313.29
75	3/1/2018	72,585,313.29	21,744,383.20	50,840,930.09	7,384,694.17	7,161,417.75	223,276.42	65,423,895.54
76	4/1/2018	65,423,895.54	19,439,682.50	45,984,213.04	7,384,694.17	7,182,746.83	201,947.34	58,241,148.70

77	5/1/2018	58,241,148.70	17,134,981.80	41,106,166.90	7,384,694.17	7,204,169.59	180,524.58	51,036,979.12
78	6/1/2018	51,036,979.12	14,830,281.10	36,206,698.02	7,384,694.17	7,225,686.42	159,007.75	43,811,292.70
79	7/1/2018	43,811,292.70	12,525,580.40	31,285,712.30	7,384,694.17	7,247,297.75	137,396.42	36,563,994.95
80	8/1/2018	36,563,994.95	10,220,879.70	26,343,115.25	7,384,694.17	7,269,003.99	115,690.18	29,294,990.96
81	9/1/2018	29,294,990.96	7,916,179.00	21,378,811.96	7,384,694.17	7,290,805.55	93,888.62	22,004,185.40
82	10/1/2018	22,004,185.40	5,611,478.30	16,392,707.10	7,384,694.17	7,312,702.86	71,991.31	14,691,482.54
83	11/1/2018	14,691,482.54	3,306,777.60	11,384,704.94	7,384,694.17	7,334,696.34	49,997.83	7,356,786.20
84	12/1/2018	7,356,786.20	1,002,076.90	6,354,709.30	7,384,694.17	7,356,786.41	27,907.76	(0.21)
		OCC			620,314,310.28	549,406,385.21	70,907,925.07	
		AEP			658,152,879.72	549,406,385.19	108,746,494.53	
		Over Collection			**37,838,569.44**	**(0.02)**	**37,838,569.46**	

AEP

UPDATED ATTACHMENT IS-G

Option Two

ADIT	$0.00
Deferred Balance	$549,406,385.00
Cost of Debt	5.27%
Amortization Period	7 Years

	Date	Beginning Balance	ADIT	Balance Net of ADIT	Total Payment	Principal	Interest	Ending Balance
1	1/1/2012	549,406,385.00	-	549,406,385.00	7,835,153.33	5,422,343.62	2,412,809.71	543,984,041.38
2	2/1/2012	543,984,041.38	-	543,984,041.38	7,835,153.33	5,446,156.75	2,388,996.58	538,537,884.63
3	3/1/2012	538,537,884.63	-	538,537,884.63	7,835,153.33	5,470,074.45	2,365,078.88	533,067,810.18
4	4/1/2012	533,067,810.18	-	533,067,810.18	7,835,153.33	5,494,097.20	2,341,056.13	527,573,712.98
5	5/1/2012	527,573,712.98	-	527,573,712.98	7,835,153.33	5,518,225.44	2,316,927.89	522,055,487.54
6	6/1/2012	522,055,487.54	-	522,055,487.54	7,835,153.33	5,542,459.65	2,292,693.68	516,513,027.89
7	7/1/2012	516,513,027.89	-	516,513,027.89	7,835,153.33	5,566,800.28	2,268,353.05	510,946,227.61
8	8/1/2012	510,946,227.61	-	510,946,227.61	7,835,153.33	5,591,247.81	2,243,905.52	505,354,979.79
9	9/1/2012	505,354,979.79	-	505,354,979.79	7,835,153.33	5,615,802.71	2,219,350.62	499,739,177.08
10	10/1/2012	499,739,177.08	-	499,739,177.08	7,835,153.33	5,640,465.44	2,194,687.89	494,098,711.64
11	11/1/2012	494,098,711.64	-	494,098,711.64	7,835,153.33	5,665,236.49	2,169,916.84	488,433,475.15
12	12/1/2012	488,433,475.15	-	488,433,475.15	7,835,153.33	5,690,116.32	2,145,037.01	482,743,358.83
13	1/1/2013	482,743,358.83	-	482,743,358.83	7,835,153.33	5,715,105.41	2,120,047.92	477,028,253.42
14	2/1/2013	477,028,253.42	-	477,028,253.42	7,835,153.33	5,740,204.25	2,094,949.08	471,288,049.17
15	3/1/2013	471,288,049.17	-	471,288,049.17	7,835,153.33	5,765,413.31	2,069,740.02	465,522,635.86
16	4/1/2013	465,522,635.86	-	465,522,635.86	7,835,153.33	5,790,733.09	2,044,420.24	459,731,902.77
17	5/1/2013	459,731,902.77	-	459,731,902.77	7,835,153.33	5,816,164.06	2,018,989.27	453,915,738.71
18	6/1/2013	453,915,738.71	-	453,915,738.71	7,835,153.33	5,841,706.71	1,993,446.62	448,074,032.00
19	7/1/2013	448,074,032.00	-	448,074,032.00	7,835,153.33	5,867,361.54	1,967,791.79	442,206,670.46
20	8/1/2013	442,206,670.46	-	442,206,670.46	7,835,153.33	5,893,129.04	1,942,024.29	436,313,541.43
21	9/1/2013	436,313,541.43	-	436,313,541.43	7,835,153.33	5,919,009.69	1,916,143.64	430,394,531.73
22	10/1/2013	430,394,531.73	-	430,394,531.73	7,835,153.33	5,945,004.01	1,890,149.32	424,449,527.72
23	11/1/2013	424,449,527.72	-	424,449,527.72	7,835,153.33	5,971,112.49	1,864,040.84	418,478,415.23
24	12/1/2013	418,478,415.23	-	418,478,415.23	7,835,153.33	5,997,335.62	1,837,817.71	412,481,079.61
25	1/1/2014	412,481,079.61	-	412,481,079.61	7,835,153.33	6,023,673.92	1,811,479.41	406,457,405.69
26	2/1/2014	406,457,405.69	-	406,457,405.69	7,835,153.33	6,050,127.89	1,785,025.44	400,407,277.80
27	3/1/2014	400,407,277.80	-	400,407,277.80	7,835,153.33	6,076,698.03	1,758,455.30	394,330,579.76
28	4/1/2014	394,330,579.76	-	394,330,579.76	7,835,153.33	6,103,384.87	1,731,768.46	388,227,194.90
29	5/1/2014	388,227,194.90	-	388,227,194.90	7,835,153.33	6,130,188.90	1,704,964.43	382,097,006.00
30	6/1/2014	382,097,006.00	-	382,097,006.00	7,835,153.33	6,157,110.65	1,678,042.68	375,939,895.35
31	7/1/2014	375,939,895.35	-	375,939,895.35	7,835,153.33	6,184,150.62	1,651,002.71	369,755,744.73
32	8/1/2014	369,755,744.73	-	369,755,744.73	7,835,153.33	6,211,309.35	1,623,843.98	363,544,435.38
33	9/1/2014	363,544,435.38	-	363,544,435.38	7,835,153.33	6,238,587.35	1,596,565.98	357,305,848.03
34	10/1/2014	357,305,848.03	-	357,305,848.03	7,835,153.33	6,265,985.15	1,569,168.18	351,039,862.88
35	11/1/2014	351,039,862.88	-	351,039,862.88	7,835,153.33	6,293,503.27	1,541,650.06	344,746,359.61
36	12/1/2014	344,746,359.61	-	344,746,359.61	7,835,153.33	6,321,142.23	1,514,011.10	338,425,217.38
37	1/1/2015	338,425,217.38	-	338,425,217.38	7,835,153.33	6,348,902.58	1,486,250.75	332,076,314.80
38	2/1/2015	332,076,314.80	-	332,076,314.80	7,835,153.33	6,376,784.85	1,458,368.48	325,699,529.95
39	3/1/2015	325,699,529.95	-	325,699,529.95	7,835,153.33	6,404,789.56	1,430,363.77	319,294,740.39
40	4/1/2015	319,294,740.39	-	319,294,740.39	7,835,153.33	6,432,917.26	1,402,236.07	312,861,823.13
41	5/1/2015	312,861,823.13	-	312,861,823.13	7,835,153.33	6,461,168.49	1,373,984.84	306,400,654.64
42	6/1/2015	306,400,654.64	-	306,400,654.64	7,835,153.33	6,489,543.79	1,345,609.54	299,911,110.85
43	7/1/2015	299,911,110.85	-	299,911,110.85	7,835,153.33	6,518,043.70	1,317,109.63	293,393,067.15
44	8/1/2015	293,393,067.15	-	293,393,067.15	7,835,153.33	6,546,668.78	1,288,484.55	286,846,398.37
45	9/1/2015	286,846,398.37	-	286,846,398.37	7,835,153.33	6,575,419.56	1,259,733.77	280,270,978.81
46	10/1/2015	280,270,978.81	-	280,270,978.81	7,835,153.33	6,604,296.61	1,230,856.72	273,666,682.19
47	11/1/2015	273,666,682.19	-	273,666,682.19	7,835,153.33	6,633,300.48	1,201,852.85	267,033,381.71
48	12/1/2015	267,033,381.71	-	267,033,381.71	7,835,153.33	6,662,431.73	1,172,721.60	260,370,949.98
49	1/1/2016	260,370,949.98	-	260,370,949.98	7,835,153.33	6,691,690.91	1,143,462.42	253,679,259.07
50	2/1/2016	253,679,259.07	-	253,679,259.07	7,835,153.33	6,721,078.58	1,114,074.75	246,958,180.49
51	3/1/2016	246,958,180.49	-	246,958,180.49	7,835,153.33	6,750,595.32	1,084,558.01	240,207,585.17
52	4/1/2016	240,207,585.17	-	240,207,585.17	7,835,153.33	6,780,241.69	1,054,911.64	233,427,343.48
53	5/1/2016	233,427,343.48	-	233,427,343.48	7,835,153.33	6,810,018.25	1,025,135.08	226,617,325.23
54	6/1/2016	226,617,325.23	-	226,617,325.23	7,835,153.33	6,839,925.58	995,227.75	219,777,399.66
55	7/1/2016	219,777,399.66	-	219,777,399.66	7,835,153.33	6,869,964.25	965,189.08	212,907,435.41
56	8/1/2016	212,907,435.41	-	212,907,435.41	7,835,153.33	6,900,134.84	935,018.49	206,007,300.56
57	9/1/2016	206,007,300.56	-	206,007,300.56	7,835,153.33	6,930,437.94	904,715.39	199,076,862.63
58	10/1/2016	199,076,862.63	-	199,076,862.63	7,835,153.33	6,960,874.11	874,279.22	192,115,988.52
59	11/1/2016	192,115,988.52	-	192,115,988.52	7,835,153.33	6,991,443.95	843,709.38	185,124,544.57
60	12/1/2016	185,124,544.57	-	185,124,544.57	7,835,153.33	7,022,148.04	813,005.29	178,102,396.54
61	1/1/2017	178,102,396.54	-	178,102,396.54	7,835,153.33	7,052,986.97	782,166.36	171,049,409.56
62	2/1/2017	171,049,409.56	-	171,049,409.56	7,835,153.33	7,083,961.34	751,191.99	163,965,448.22
63	3/1/2017	163,965,448.22	-	163,965,448.22	7,835,153.33	7,115,071.74	720,081.59	156,850,376.49
64	4/1/2017	156,850,376.49	-	156,850,376.49	7,835,153.33	7,146,318.76	688,834.57	149,704,057.73
65	5/1/2017	149,704,057.73	-	149,704,057.73	7,835,153.33	7,177,703.01	657,450.32	142,526,354.72
66	6/1/2017	142,526,354.72	-	142,526,354.72	7,835,153.33	7,209,225.09	625,928.24	135,317,129.63
67	7/1/2017	135,317,129.63	-	135,317,129.63	7,835,153.33	7,240,885.60	594,267.73	128,076,244.03
68	8/1/2017	128,076,244.03	-	128,076,244.03	7,835,153.33	7,272,685.16	562,468.17	120,803,558.87
69	9/1/2017	120,803,558.87	-	120,803,558.87	7,835,153.33	7,304,624.37	530,528.96	113,498,934.50
70	10/1/2017	113,498,934.50	-	113,498,934.50	7,835,153.33	7,336,703.84	498,449.49	106,162,230.66
71	11/1/2017	106,162,230.66	-	106,162,230.66	7,835,153.33	7,368,924.20	466,229.13	98,793,306.46
72	12/1/2017	98,793,306.46	-	98,793,306.46	7,835,153.33	7,401,286.06	433,867.27	91,392,020.40
73	1/1/2018	91,392,020.40	-	91,392,020.40	7,835,153.33	7,433,790.04	401,363.29	83,958,230.36
74	2/1/2018	83,958,230.36	-	83,958,230.36	7,835,153.33	7,466,436.77	368,716.56	76,491,793.59
75	3/1/2018	76,491,793.59	-	76,491,793.59	7,835,153.33	7,499,226.87	335,926.46	68,992,566.72
76	4/1/2018	68,992,566.72	-	68,992,566.72	7,835,153.33	7,532,160.97	302,992.36	61,460,405.75

77	5/1/2018	61,460,405.75	-	61,460,405.75	7,835,153.33	7,565,239.71	269,913.62	53,895,166.03
78	6/1/2018	53,895,166.03	-	53,895,166.03	7,835,153.33	7,598,463.73	236,689.60	46,296,702.31
79	7/1/2018	46,296,702.31	-	46,296,702.31	7,835,153.33	7,631,833.65	203,319.68	38,664,868.66
80	8/1/2018	38,664,868.66	-	38,664,868.66	7,835,153.33	7,665,350.12	169,803.21	30,999,518.54
81	9/1/2018	30,999,518.54	-	30,999,518.54	7,835,153.33	7,699,013.78	136,139.55	23,300,504.77
82	10/1/2018	23,300,504.77	-	23,300,504.77	7,835,153.33	7,732,825.28	102,328.05	15,567,679.49
83	11/1/2018	15,567,679.49	-	15,567,679.49	7,835,153.33	7,766,785.27	68,368.06	7,800,894.22
84	12/1/2018	7,800,894.22	-	7,800,894.22	7,835,153.33	7,800,894.40	34,258.93	(0.19)
		AEP			658,152,879.72	549,406,385.19	108,746,494.53	
		OCC			620,314,310.28	549,406,385.21	70,907,925.07	
		Over Collection			**37,838,569.44**	**(0.02)**	**37,838,569.46**	