

**BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application of)
The Dayton Power and Light Company) Case No. 21-0560-EL-RDR
d/b/a AES Ohio to Update its Energy)
Efficiency Rider

**APPLICATION OF THE DAYTON POWER AND LIGHT COMPANY
D/B/A AES OHIO TO UPDATE ITS ENERGY EFFICIENCY RIDER**

The Dayton Power and Light Company (“DP&L” or “the Company”) hereby submits this application to update its Energy Efficiency Rider (“EER”) pursuant to R.C. 4928.66(G)(3) and the Stipulation and Recommendation approved without modification by order of the Public Utilities Commission of Ohio (“PUCO” or “Commission”) dated December 20, 2017, in Case Nos. 17-1398-EL-POR, *et al.*

In support of this Application DP&L states as follows:

1. DP&L is a public utility and electric light company as defined by Ohio Revised Code (“R.C.”) §4905.02 and §4905.03(C) respectively, and an electric distribution utility as defined by R.C. §4928.01(A)(6).
2. R.C. §4928.66 required that all electric distribution utilities in the State implement energy efficiency programs to achieve energy and demand savings to meet annual energy efficiency and peak demand reduction targets through 2020. In accordance with this law, O.A.C. §4901:1-39-04 required an electric utility to propose its first energy efficiency and peak demand reduction program portfolio plan by January 1, 2010.
3. DP&L’s first Program Portfolio for program years 2010 through 2012 as approved by the Commission by Opinion and Order dated June 24, 2009 in Case No. 08-1094-EL-SSO was filed pursuant to O.A.C §4901:1-39-04 in Case No. 09-1986-EL-POR on

December 23, 2009 and was supplemented by its Notice of Filing Supplement to Application filed and docketed on July 15, 2010 and July 16, 2010. DP&L's first Program Portfolio was ultimately approved by the Commission in its Opinion and Order dated April 27, 2011. This first Program Portfolio set forth the recovery mechanism (EER) by which DP&L was allowed to recover costs associated with its programs, including recovery of lost distribution revenues.

4. DP&L was required to file a second portfolio plan by April 30, 2013 for program years 2013 through 2015 (ending December 31, 2015). By Opinion and Order dated December 4, 2013, in Case Nos. 13-833-EL-POR, *et al.*, the Commission approved a Stipulation and Recommendation ("Portfolio Stipulation") that approved DP&L's energy efficiency and peak demand reduction programs from 2013 through 2015, as well as the lost distribution revenues and shared savings the Company will be permitted to recover through the EER. This stipulation extended the previous plan's conditions for recovery of lost distribution revenues.

5. S.B. 310 was passed by the Ohio General Assembly and signed by the Governor, effective September 12, 2014. It modified the energy efficiency and renewable energy requirements contained in the Ohio Revised Code. Among other things, with the signing of S. B. 310, Ohio Electric Distribution Utilities ("EDU") were given the option of freezing its energy efficiency programs or automatically extending its currently approved Portfolio Program Plan through 2016. DP&L opted to extend its currently approved Portfolio Program Plan detailed above in 4. All provisions included in the approved Portfolio Program Plan Stipulation were extended through 2016.

6. DP&L filed and received Stipulation and Recommendation approval for its third Portfolio Program Plan in Case Nos. 16-649-EL-POR, *et al.* on June 15, 2016 and September 27, 2017, respectively. This program plan continued DP&L's current programs through 2017, with

the addition of a smart thermostat pilot program and a cap on program spend, and provided for recovery of lost distribution revenues for 2016, continuing until lost distribution revenues were incorporated into a distribution decoupling rider.

7. Most recently, on June 15, 2017, DP&L filed its fourth Portfolio Program Plan for the program years 2018 through 2020 in Case Nos. 17-1398-EL-POR, *et al.* The Commission approved a Stipulation and Recommendation in this case on December 20, 2017, that included certain residential and non-residential programs as well as a shared savings mechanism. Shared savings was a critical incentive for the Company to exceed its benchmarks and also encouraged the Company to make prudent and cost-effective EE/PDR decisions thereby maximizing net savings that were shared by the customers and Company alike. The approved Stipulation and Recommendation capped DP&L portfolio program spend and shared savings incentive at approximately \$33 million. In addition, the approved Stipulation included an annual cap on DP&L's shared savings for 2018 through 2020 in the amount of \$7 million on an after-tax basis. This reconciliation of EER rates reflects these amounts for 2020 costs.

8. Additionally, DP&L's approved fourth Portfolio Program Plan Stipulation and Recommendation includes a provision that DP&L will:

After the completion of each year of the Portfolio Plan, DP&L shall prepare an auditable summary of all costs incurred for that respective year, and that summary as part of DP&L's annual rider true-up filing. The summary shall include all costs associated with shared savings and programs administered in each respective year, including all known and anticipated costs associated with each program year which would be paid during a following period of time, as well as costs for evaluation, measurement and verification that were incurred during each program year. The summary shall also include DP&L's maximum allowance applicable to each program year...

This summary is included in this annual true-up filing as Schedule F-1.

9. Subsequently, R.C. 4928.66 was amended effective October 22, 2019, ordering the termination of energy efficiency savings requirements after December 31, 2020 upon a determination that the total cumulative savings meet a statewide collective benchmark of 17.5 percent. The sole exception to this termination is to reconcile the difference between revenue collected and the allowable cost of compliance associated with compliance efforts occurring prior to December 31, 2020. As a result, on February 26, 2020, pursuant to R.C. 4928.66(G), the Commission determined that the termination of all EE/PDR portfolio plans must occur no later than December 31, 2020 with a wind-down of the statutorily required EE/PDR programs to commence on September 30, 2020. On November 18, 2020, the Commission ordered the EDUs to set their Energy Efficiency Riders to zero effective January 1, 2021.

10. On February 24, 2021, the Commission made a finding that the new statewide cumulative 17.5% benchmark had been achieved based upon preliminary numbers submitted to Staff by the EDUs and that Staff did not anticipate final energy savings to deviate greatly from current energy savings estimations in a way that would prevent the energy mandate from being met. Accordingly, the Commission further ordered that finalized numbers are to be reported in the annual status reports due on May 15, 2021 and directed each EDU to file an application for a final reconciliation of their EE/PDR cost recovery riders when the full information for such final reconciliation is available.

11. AES Ohio files this final reconciliation of the difference between revenue collected and the allowable cost of compliance associated with compliance efforts related to the Company's prior energy efficiency programs through December 31, 2020 including carrying charges based on the most recently approved cost of debt, to the under and/or over recovery of costs when computing the components of the proposed EER rate. AES Ohio reserves the right to

request recovery of any costs associated with additional third-party independent evaluation/auditors.

12. In support of this Application to true-up the rider, the following Schedules are attached:

Schedule A-1	Summary of Proposed EER Rates;
Schedule A-2	Summary of Current vs. Proposed EER Revenues;
Schedule B-1	Prior Period Residential Reconciliation;
Schedule B-2	Prior Period Non-Residential Reconciliation;
Schedule C-1	Residential Costs of Compliance and Proposed Rate;
Schedule C-2	Non-Residential Costs of Compliance;
Schedule D-1	Proposed Non-Residential Rate;
Schedule E-1	Typical Bill Comparison;
Schedule F-1	Auditable Summary of Costs;
Current and Proposed Tariffs	
Workpapers	

13. DP&L's proposed rates included in the updated EER, as reflected in Schedule A-1 and as supported by the remaining Schedules and Workpapers, are just and reasonable and should be approved.

WHEREFORE, for the reasons stated above, DP&L respectfully requests that the Commission approve its Application with new tariff rates for its EER to be made effective on a bills-rendered basis for twelve months starting with the Company's first billing unit beginning in September 2021.

Respectfully submitted,

/s/ Michael J. Schuler

Michael J. Schuler (0082390)

*Counsel of Record

AES Ohio

1065 Woodman Drive

Dayton, OH 45432

Telephone: (937) 228-7358

Fax: (937) 259-7178

Email: michael.schuler@aes.com

Attorney for AES Ohio

(willing to accept electronic service)

**THE DAYTON POWER AND LIGHT
COMPANY CASE NO. 21-0560-EL-RDR**

Energy Efficiency Rider (EER)

Schedules

AES Ohio
Case No. 21-0560-EL-RDR
Summary of Proposed EER Rates
September 2021 - August 2022

Data: Actual and Forecasted

Type of Filing: Original

Schedule A-1

Work Paper Reference No(s).: None

Page 1 of 1

Line	Description	Unit	Rate	Source
(A)	(B)	(C)	(D)	(E)
1	Rates effective September 1, 2021			
2	Residential Rate	\$/kWh	\$ (0.0003699)	Sch C-1, Col (C), Line 15
3	Non-Residential Rate			
4	Secondary	\$/kWh	\$ 0.0020742	Sch D-1, Col (H), Line 18
5	Primary	\$/kWh	\$ 0.0013471	Sch D-1, Col (H), Line 19
6	Primary Substation	\$/kWh	\$ 0.0006527	Sch D-1, Col (H), Line 20
7	High Voltage	\$/kWh	\$ 0.0007220	Sch D-1, Col (H), Line 21
8	Streetlighting	\$/kWh	\$ 0.0024044	Sch D-1, Col (H), Line 22

AES Ohio
Case No. 21-0560-EL-RDR
Summary of Current vs. Forecasted EER Revenues
September 2021 - August 2022

Data: Actual and Forecasted

Type of Filing: Original

Work Paper Reference No(s): WPC-1

Schedule A-2

Page 1 of 1

Line	Tariff Class	Forecasted Billing	Current Rate	Revenue	Proposed Rate	Revenue	\$ Difference	% Difference
(A)	(B)	(C)	(D)	(E) = (C) * (D)	(F)	(G) = (C) * (F)	(H) = (G) - (E)	(I) = (H) / (E)
		WPC-1			Schedule A-1			
1	Rates effective September 1, 2021							
2	Residential	5,389,879,628 kWh	\$ -	\$ -	\$ (0.0003699)	\$(1,993,716)	\$(1,993,716)	N/A
3	Non-Residential							
4	Secondary	3,749,631,545 kWh	\$ -	\$ -	\$ 0.0020742	\$ 7,777,486	\$ 7,777,486	N/A
5	Primary	2,187,555,293 kWh	\$ -	\$ -	\$ 0.0013471	\$ 2,946,856	\$ 2,946,856	N/A
6	Primary Substation	364,970,216 kWh	\$ -	\$ -	\$ 0.0006527	\$ 238,216	\$ 238,216	N/A
7	High Voltage	581,013,224 kWh	\$ -	\$ -	\$ 0.0007220	\$ 419,492	\$ 419,492	N/A
8	Streetlighting	39,743,750 kWh	\$ -	\$ -	\$ 0.0024044	\$ 95,560	\$ 95,560	N/A

AES Ohio
Case No. 21-0560-EL-RDR
Prior Period Residential Reconciliation
September 2019 - April 2021

Data: Actual
Type of Filing: Original
Work Paper Reference No(s): WPB-1, WPB-3

Schedule B-1
Page 1 of 1

Line	Description	Prior to Sep-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	Total	Source
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)	(X)	(Y)
1	Program Costs																							
2	Residential Efficiency Products		\$ 116,099	\$ 236,131	\$ 163,933	\$ 98,899	\$ 491,389	\$ 583,043	\$ 223,622	\$ 283,019	\$ 319,810	\$ 248,657	\$ 315,264	\$ 373,470	\$ 228,011	\$ 210,602	\$ 28,132	\$ (72,937)	\$ 52,899	\$ (17,691)	\$ 20,396	\$ (45,532)	\$ 3,857,218	Internal Records
3	School Education		\$ 66,049	\$ 50,655	\$ 48,763	\$ 31,905	\$ 10,438	\$ 11,263	\$ 14,372	\$ 12,859	\$ 11,159	\$ 10,170	\$ 2,363	\$ 1,450	\$ (1,028)	\$ 3,883	\$ 1,154	\$ 1,543	\$ 654	\$ (1,087)	\$ -	\$ (2,460)	\$ 274,106	Internal Records
4	Residential HVAC Rebate		\$ 75,684	\$ 147,837	\$ 121,148	\$ 128,743	\$ 89,228	\$ 119,239	\$ 58,603	\$ 54,316	\$ 142,297	\$ 218,357	\$ 143,641	\$ 193,789	\$ 194,008	\$ 91,680	\$ 71,980	\$ 4,454	\$ 2,909	\$ (1,433)	\$ 5,367	\$ (4,693)	\$ 1,857,153	Internal Records
5	Residential Appliance Recycling		\$ 76,531	\$ 87,538	\$ 63,811	\$ 61,538	\$ 36,562	\$ 27,212	\$ 40,113	\$ 5,449	\$ 3,148	\$ 40,560	\$ 36,287	\$ (25,877)	\$ 66,441	\$ 22,221	\$ 5,123	\$ 6,746	\$ 20,369	\$ (1,668)	\$ 5,367	\$ (5,224)	\$ 572,247	Internal Records
6	Residential Low Income		\$ 95,805	\$ 108,158	\$ 115,116	\$ 208,248	\$ 68,334	\$ 105,523	\$ 125,489	\$ 51,559	\$ 80,722	\$ 20,821	\$ 12,415	\$ 121,231	\$ 106,707	\$ 95,491	\$ 66,057	\$ 78,803	\$ 10,743	\$ (2,322)	\$ 5,367	\$ (6,704)	\$ 1,467,564	Internal Records
7	Residential Multi Family		\$ 1,516	\$ 65,422	\$ 41,825	\$ 10,086	\$ 35,695	\$ 53,269	\$ 12,078	\$ 1,516	\$ 5,077	\$ 3,597	\$ 2,758	\$ 3,712	\$ (7,320)	\$ 10,843	\$ 8,220	\$ 10,991	\$ 4,656	\$ (7,746)	\$ -	\$ (17,521)	\$ 238,675	Internal Records
8	Residential Smart Thermostats		\$ 13,779	\$ 132,119	\$ 18,774	\$ 36,775	\$ 37,923	\$ 21,543	\$ 20,534	\$ 20,273	\$ 161,879	\$ 12,770	\$ 10,238	\$ 102,864	\$ 54,360	\$ 21,921	\$ 212,209	\$ 17,857	\$ 8,861	\$ (10,501)	\$ 5,367	\$ (25,204)	\$ 874,342	Internal Records
9	Residential Home Energy Kits		\$ (36,646)	\$ (6,756)	\$ 14,339	\$ (39,282)	\$ (5,699)	\$ 33,361	\$ 125,628	\$ 123,374	\$ 85,366	\$ 3,273	\$ (54,828)	\$ 73,801	\$ (108)	\$ (26,205)	\$ 3,712	\$ 4,963	\$ 2,103	\$ (3,498)	\$ -	\$ (7,912)	\$ 288,987	Internal Records
10	Residential Stakeholder		\$ 52,000	\$ 200,000	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 452,000	Internal Records
11	Residential Pilot		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Internal Records
12	Customer Education		\$ 19,922	\$ 8,812	\$ 10,563	\$ 16,810	\$ 22,977	\$ 10,843	\$ 25,053	\$ 4,559	\$ 8,079	\$ 103,531	\$ 6,801	\$ 129,745	\$ 41,400	\$ (23,447)	\$ 2,983	\$ 4,706	\$ 12,300	\$ (1,040)	\$ 5,117	\$ -	\$ 409,714	Internal Records
13	PJM Load-Bidding		\$ (4,125)	\$ (71,387)	\$ (12,685)	\$ (13,610)	\$ (11,759)	\$ (12,182)	\$ (13,325)	\$ (10,288)	\$ (10,392)	\$ (60,531)	\$ (13,738)	\$ (65,216)	\$ (63,112)	\$ (65,216)	\$ (63,112)	\$ (65,000)	\$ (65,216)	\$ (58,905)	\$ (60,164)	\$ (63,112)	\$ (803,075)	Internal Records
14	Total Program Costs		\$ 476,614	\$ 958,530	\$ 585,587	\$ 540,111	\$ 975,089	\$ 953,114	\$ 632,167	\$ 546,636	\$ 807,145	\$ 601,205	\$ 461,202	\$ 908,970	\$ 619,358	\$ 341,774	\$ 336,459	\$ (7,874)	\$ 50,280	\$ (105,892)	\$ (13,182)	\$ (178,363)	\$ 9,488,932	Sum Line 2 thru 13
15																								
16	Shared Savings Incentive Recovery		\$ 210,040	\$ 210,040	\$ 210,040	\$ 210,040	\$ 292,412	\$ 292,412	\$ 292,412	\$ 292,412	\$ 292,412	\$ 292,412	\$ 292,412	\$ 292,412	\$ 292,412	\$ 292,412	\$ 292,412	\$ 292,412	\$ -	\$ -	\$ -	\$ -	\$ 4,349,102	WPB-3, Col (F)
17																								
18	Total		\$ 686,654	\$ 1,168,570	\$ 795,627	\$ 750,151	\$ 1,267,501	\$ 1,245,526	\$ 924,579	\$ 839,048	\$ 1,099,557	\$ 893,617	\$ 753,614	\$ 1,201,382	\$ 911,770	\$ 634,186	\$ 628,871	\$ 284,538	\$ 50,280	\$ (105,892)	\$ (13,182)	\$ (178,363)	\$ 13,838,034	Line 14 + Line 16
19																								
20	Revenues		\$ (931,160)	\$ (870,519)	\$ (719,900)	\$ (988,165)	\$ (1,143,270)	\$ (1,077,829)	\$ (1,027,510)	\$ (839,188)	\$ (747,570)	\$ (906,116)	\$ (1,209,692)	\$ (1,128,147)	\$ (1,016,207)	\$ (736,431)	\$ (713,604)	\$ (989,269)	\$ (751)	\$ 1,004	\$ 256	\$ 108	\$ (15,043,959)	WPB-1, Line 1
21																								
22	(Over)/ Under Recovery		\$ (244,506)	\$ 298,051	\$ 75,727	\$ (238,014)	\$ 124,231	\$ 167,697	\$ (102,931)	\$ (140)	\$ 351,987	\$ (12,499)	\$ (456,078)	\$ 73,235	\$ (104,437)	\$ (102,245)	\$ (84,733)	\$ (704,731)	\$ 49,528	\$ (104,887)	\$ (12,926)	\$ (178,255)	\$ (1,205,924)	Line 18 + Line 20
23	Carrying Costs		\$ (11,158)	\$ (11,096)	\$ (10,393)	\$ (10,759)	\$ (11,029)	\$ (10,490)	\$ (10,402)	\$ (10,650)	\$ (9,989)	\$ (9,350)	\$ (10,324)	\$ (11,131)	\$ (11,238)	\$ (11,696)	\$ (12,117)	\$ (13,745)	\$ (15,110)	\$ (15,281)	\$ (15,578)	\$ (16,023)	\$ (237,557)	WPB-3, Col (I)
24	(Over)/ Under Recovery with Carrying Costs	\$ (2,667,294)	\$ (255,665)	\$ 286,955	\$ 65,334	\$ (248,772)	\$ 113,202	\$ 157,207	\$ (113,333)	\$ (10,789)	\$ 341,998	\$ (21,848)	\$ (466,402)	\$ 62,104	\$ (115,675)	\$ (113,941)	\$ (96,850)	\$ (718,475)	\$ 34,418	\$ (120,168)	\$ (28,504)	\$ (194,277)	\$ (4,110,776)	Sum Line 24

AES Ohio
Case No. 21-0560-EL-RDR
Prior Period Non-Residential Reconciliation
September 2019 - April 2021

Data: Actual

Type of Filing: Original

Schedule B-2

Page 1 of 1

Work Paper Reference No(s): WPB-1, WPB-4

(A)	Description	Prior to Sep-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	Total	Source	
	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)	(X)	(Y)	
1	Program Costs																								
2	Non-Residential Prescriptive Rebates		\$ 928,459	\$ 867,524	\$ 765,904	\$ 1,196,312	\$ 608,149	\$ 478,454	\$ 826,319	\$ 754,261	\$ 461,818	\$ 975,934	\$ 675,634	\$ 795,094	\$ 1,348,358	\$ 2,781,838	\$ 262,423	\$ 124,253	\$ 41,049	\$ (26,011)	\$ 27,910	\$ (65,131)	\$ 13,828,550	Internal Records	
3	Non-Residential Custom Rebates		\$ 312,794	\$ 264,599	\$ 493,637	\$ 567,637	\$ 488,063	\$ 55,987	\$ 475,672	\$ 148,563	\$ 104,159	\$ 158,455	\$ 14,165	\$ 120,078	\$ 557,617	\$ 935,077	\$ 648,962	\$ 120,770	\$ 26,405	\$ (10,017)	\$ 16,102	\$ (36,930)	\$ 5,461,797	Internal Records	
4	Non-Residential Small Business Install		\$ 18,902	\$ 66,769	\$ 57,651	\$ 47,521	\$ 75,799	\$ 102,290	\$ 33,717	\$ 26,956	\$ 22,018	\$ 75,733	\$ 63,617	\$ 79,864	\$ 74,461	\$ 263,114	\$ (136,193)	\$ 10,857	\$ 5,314	\$ (6,267)	\$ 5,367	\$ (20,389)	\$ 867,101	Internal Records	
5	Non-Residential Pilot		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Internal Records	
6	Mercantile Program		\$ 559	\$ 7,227	\$ 946	\$ 72,475	\$ 2,034	\$ 1,037	\$ 2,675	\$ 1,691	\$ 1,124	\$ 997	\$ 1,119	\$ 1,052	\$ 1,051	\$ 17,773	\$ 976	\$ 52,100	\$ 20,848	\$ 641	\$ 5,367	\$ -	\$ 191,694	Internal Records	
7	Customer Education		\$ 19,922	\$ 8,812	\$ 10,563	\$ 16,810	\$ 22,977	\$ 10,843	\$ 25,053	\$ 4,559	\$ 8,079	\$ 103,531	\$ 6,801	\$ 129,745	\$ 41,400	\$ (23,447)	\$ 2,983	\$ 4,706	\$ 12,300	\$ (1,040)	\$ 5,117	\$ -	\$ 409,714	Internal Records	
8	PJM Load-Bidding		\$ (51,486)	\$ (119,930)	\$ (60,045)	\$ (62,549)	\$ (60,698)	\$ (57,964)	\$ (62,264)	\$ (57,648)	\$ (59,331)	\$ (11,073)	\$ (65,216)	\$ (13,738)	\$ (13,295)	\$ (13,738)	\$ (13,295)	\$ (13,522)	\$ (13,738)	\$ (12,409)	\$ (8,686)	\$ (13,295)	\$ (783,920)	Internal Records	
9	Non-Res Stakeholder		\$ 320	\$ 951	\$ 537	\$ 1,060	\$ 158	\$ -	\$ 25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,050	Internal Records	
10	Total Program Costs		\$ 1,229,470	\$ 1,095,952	\$ 1,269,193	\$ 1,839,266	\$ 1,136,482	\$ 590,647	\$ 1,301,197	\$ 878,382	\$ 537,867	\$ 1,303,576	\$ 696,120	\$ 1,112,095	\$ 2,009,593	\$ 3,960,618	\$ 765,857	\$ 299,163	\$ 92,178	\$ (55,101)	\$ 51,178	\$ (135,746)	\$ 19,977,987	Sum Lines 2 thru 9	
11																									
12	Shared Savings Incentive Recovery		\$ 533,786	\$ 533,786	\$ 533,786	\$ 533,786	\$ 451,413	\$ 451,413	\$ 451,413	\$ 451,413	\$ 451,413	\$ 451,413	\$ 451,413	\$ 451,413	\$ 451,413	\$ 451,413	\$ 451,413	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,552,101	WPB-4, Col (F)	
13																									
14	Total		\$ 1,763,256	\$ 1,629,738	\$ 1,802,979	\$ 2,373,052	\$ 1,587,895	\$ 1,042,060	\$ 1,752,610	\$ 1,329,795	\$ 989,280	\$ 1,754,989	\$ 1,147,533	\$ 1,563,508	\$ 2,461,006	\$ 4,412,031	\$ 1,217,270	\$ 750,576	\$ 92,178	\$ (55,101)	\$ 51,178	\$ (135,746)	\$ 27,530,088	Line 10 + Line 12	
15																									
16	Revenues		\$ (2,040,643)	\$ (2,066,586)	\$ (1,690,677)	\$ (1,736,014)	\$ (1,034,390)	\$ (1,000,142)	\$ (982,123)	\$ (852,966)	\$ (736,880)	\$ (905,370)	\$ (1,056,543)	\$ (1,057,818)	\$ (1,041,182)	\$ (880,994)	\$ (759,868)	\$ (893,520)	\$ (37,943)	\$ (3,391)	\$ 880	\$ 647	\$ (18,775,521)	WPB-1, Line 2	
17																									
18	(Over)/ Under Recovery		\$ (277,387)	\$ (436,848)	\$ 112,303	\$ 637,038	\$ 553,505	\$ 41,918	\$ 770,487	\$ 476,828	\$ 252,400	\$ 849,619	\$ 90,990	\$ 505,690	\$ 1,419,824	\$ 3,531,037	\$ 457,402	\$ (142,943)	\$ 54,236	\$ (58,492)	\$ 52,058	\$ (135,098)	\$ 8,754,567	Line 14 + Line 16	
19	Carrying Costs		\$ (8,961.62)	\$ (10,425.94)	\$ (11,116.73)	\$ (9,662.52)	\$ (7,320.08)	\$ (6,158.52)	\$ (4,558.34)	\$ (2,081.94)	\$ (631.81)	\$ 1,569.70	\$ 3,457.19	\$ 4,664.38	\$ 8,534.07	\$ 18,469.93	\$ 26,520.68	\$ 27,255.68	\$ 27,187.29	\$ 27,287.53	\$ 27,383.81	\$ 27,327.26	\$ 138,740	WPB-4, Col (J)	
20	(Over)/ Under Recovery with Carrying Costs		\$ (2,101,713)	\$ (286,348)	\$ (447,274)	\$ 101,186	\$ 627,375	\$ 546,185	\$ 35,760	\$ 765,929	\$ 474,746	\$ 251,768	\$ 851,188	\$ 94,448	\$ 510,355	\$ 1,428,358	\$ 3,549,507	\$ 483,922	\$ (115,688)	\$ 81,423	\$ (31,205)	\$ 79,442	\$ (107,771)	\$ 6,791,594	Sum Line 20

AES Ohio
Case No. 21-0560-EL-RDR
Residential Costs of Compliance and Proposed Rate
September 2021 - August 2022

Data: Actual & Forecasted

Type of Filing: Original

Work Paper Reference No(s).: WPB-3, WPC-1, WPC-2

Schedule C-1

Page 1 of 1

Line	Description	Total	Source
(A)	(B)	(C)	(D)
1	Prior Period Residential Reconciliation	\$ (4,110,776)	Sch B-1, Line 24
2			
3	Carrying Costs (May '21 - Aug. '21)	\$ (191,088)	WPB 3, Col (J)
4			
5	PJM Load Bidding (May '21 - May '22)	\$ (1,822,341)	Internal Records
6			
7	Gross Revenue Conversion Factor	1.0026	WPC-2, Col (D), Line 20
8			
9	2020 Shared Savings Incentive	\$ 4,146,586	Internal Records
10			
11	Total Residential EER Costs of Compliance	\$ (1,993,541)	Sum Lines (1 thru 5)* 7 + 9
12			
13	Forecasted Residential Sales (kWh) September 2021 - August 2022	5,389,879,628	WPC-1, Line 1
14			
15	Residential Rate (\$/kWh) effective September 2021 - August 2022	\$ (0.0003699)	Line 11 / Line 13

AES Ohio
Case No. 21-0560-EL-RDR
Non-Residential Costs of Compliance
September 2021 - August 2022

Data: Actual & Forecasted

Type of Filing: Original

Work Paper Reference No(s): WPB-4, WPC-2

Schedule C-2

Page 1 of 1

Line	Description	Total	Source
(A)	(B)	(C)	(D)
1	Prior Period Non-Residential Reconciliation	\$ 6,791,594	Sch B-2, Line 20
2			
3	Carrying Cost (May '21 - Aug. '22)	\$ 276,302	WPB 4, Col (J)
4			
5	PJM Load Bidding (May '21 - May '22)	\$ (386,461)	Internal Records
6			
7	Gross Revenue Conversion Factor	1.0026	WPC-2, Col (D), Line 20
8			
9	2020 Shared Savings Incentive	\$ 4,779,030	Internal Records
10			
11	Total Non-Residential EER Costs of Compliance	\$ 11,477,836	Sum Lines (1 thru 5)* 7 + 9

AES Ohio
Case No. 21-0560-EL-RDR
Proposed Non-Residential Rate
September 2021 - August 2022

Data: Actual & Forecasted

Type of Filing: Original

Work Paper Reference No(s).: WPC-1

Schedule D-1

Page 1 of 1

Line	Description	Non-Residential EER Costs	Distribution May '20 - Apr. '21	Distribution Allocators	Allocated EER Costs	Forecasted Sales (kWh) Sep. '21 - Aug. '22	Proposed Non-Residential Rates
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
		Sch C-2, Line 11		(E) = (D) / Sum (D)	(F) = (C) * (E)	WPC-1	(H) = (F) / (G)
1	Total Non-Residential EER Costs	\$ 11,477,836					
2							
3	50% Non-Residential EER Costs	\$ 5,738,918		<u>Distribution Revenue (\$) *</u>			
4	Secondary	\$	48,323,264	79.14%	\$ 4,541,650	3,749,631,545	\$ 0.0012112 /kWh
5	Primary	\$	11,710,084	19.18%	\$ 1,100,569	2,187,555,293	\$ 0.0005031 /kWh
6	Primary Substation	\$	334,175	0.55%	\$ 31,407	364,970,216	\$ 0.0000861 /kWh
7	High Voltage	\$	69,695	0.11%	\$ 6,550	581,013,224	\$ 0.0000113 /kWh
8	Streetlighting	\$	625,003	1.02%	\$ 58,741	39,743,750	\$ 0.0014780 /kWh
9							
10	50% Non-Residential EER Costs	\$ 5,738,918		<u>Distribution Sales (kWh) *</u>			
11	Secondary		3,450,421,133	56.39%	\$ 3,236,008	3,749,631,545	\$ 0.0008630 /kWh
12	Primary		1,968,696,764	32.17%	\$ 1,846,360	2,187,555,293	\$ 0.0008440 /kWh
13	Primary Substation		220,493,297	3.60%	\$ 206,792	364,970,216	\$ 0.0005666 /kWh
14	High Voltage		440,302,533	7.20%	\$ 412,942	581,013,224	\$ 0.0007107 /kWh
15	Streetlighting		39,257,293	0.64%	\$ 36,818	39,743,750	\$ 0.0009264 /kWh
16							
17	Total Proposed Rates						
18	Secondary						\$ 0.0020742 /kWh
19	Primary						\$ 0.0013471 /kWh
20	Primary Substation						\$ 0.0006527 /kWh
21	High Voltage						\$ 0.0007220 /kWh
22	Streetlighting						\$ 0.0024044 /kWh

Source: Internal Records

* Revenue & sales associated with EER exemptions approved by the Commission were excluded.

AES Ohio
Case No. 21-0560-EL-RDR
Typical Bill Comparison
September 2021 - August 2022
Residential

Data: Estimated

Type of Filing: Original

Work Paper Reference: None

Schedule E-1

Page 1 of 10

Line No.	Demand (kW)	Usage (kWh)	Current Bill		Proposed Bill		EER Change	Percent Change
(A)	(B)	(C)	(D)		(E)		(F)	(G)=(F)/(D)
1	0.0	50	\$	12.08	\$	12.06	\$ (0.02)	-0.2%
2	0.0	100	\$	16.23	\$	16.19	\$ (0.04)	-0.2%
3	0.0	200	\$	24.57	\$	24.50	\$ (0.07)	-0.3%
4	0.0	400	\$	41.23	\$	41.08	\$ (0.15)	-0.4%
5	0.0	500	\$	49.55	\$	49.37	\$ (0.18)	-0.4%
6	0.0	750	\$	70.37	\$	70.09	\$ (0.28)	-0.4%
7	0.0	1,000	\$	90.88	\$	90.51	\$ (0.37)	-0.4%
8	0.0	1,200	\$	107.32	\$	106.88	\$ (0.44)	-0.4%
9	0.0	1,400	\$	123.72	\$	123.20	\$ (0.52)	-0.4%
10	0.0	1,500	\$	131.93	\$	131.38	\$ (0.55)	-0.4%
11	0.0	2,000	\$	172.96	\$	172.22	\$ (0.74)	-0.4%
12	0.0	2,500	\$	213.79	\$	212.87	\$ (0.92)	-0.4%
13	0.0	3,000	\$	254.58	\$	253.47	\$ (1.11)	-0.4%
14	0.0	4,000	\$	336.21	\$	334.73	\$ (1.48)	-0.4%
15	0.0	5,000	\$	417.82	\$	415.97	\$ (1.85)	-0.4%
16	0.0	7,500	\$	621.89	\$	619.12	\$ (2.77)	-0.4%

AES Ohio
Case No. 21-0560-EL-RDR
Typical Bill Comparison
September 2021 - August 2022
Residential Heat (Summer)

Data: Estimated

Type of Filing: Original

Work Paper Reference: None

Schedule E-1

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Line No.	Demand (kW)	Usage (kWh)	Current Bill		Proposed Bill		EER Change	Percent Change
(A)	(B)	(C)	(D)		(E)		(F)	(G)=(F)/(D)
1	0.0	50	\$	12.08	\$	12.06	\$ (0.02)	-0.2%
2	0.0	100	\$	16.23	\$	16.19	\$ (0.04)	-0.2%
3	0.0	200	\$	24.57	\$	24.50	\$ (0.07)	-0.3%
4	0.0	400	\$	41.23	\$	41.08	\$ (0.15)	-0.4%
5	0.0	500	\$	49.55	\$	49.37	\$ (0.18)	-0.4%
6	0.0	750	\$	70.37	\$	70.09	\$ (0.28)	-0.4%
7	0.0	1,000	\$	90.88	\$	90.51	\$ (0.37)	-0.4%
8	0.0	1,200	\$	107.32	\$	106.88	\$ (0.44)	-0.4%
9	0.0	1,400	\$	123.72	\$	123.20	\$ (0.52)	-0.4%
10	0.0	1,500	\$	131.93	\$	131.38	\$ (0.55)	-0.4%
11	0.0	2,000	\$	172.96	\$	172.22	\$ (0.74)	-0.4%
12	0.0	2,500	\$	213.79	\$	212.87	\$ (0.92)	-0.4%
13	0.0	3,000	\$	254.58	\$	253.47	\$ (1.11)	-0.4%
14	0.0	4,000	\$	336.21	\$	334.73	\$ (1.48)	-0.4%
15	0.0	5,000	\$	417.82	\$	415.97	\$ (1.85)	-0.4%
16	0.0	7,500	\$	621.89	\$	619.12	\$ (2.77)	-0.4%

AES Ohio
Case No. 21-0560-EL-RDR
Typical Bill Comparison
September 2021 - August 2022
Residential Heat (Winter)

Data: Estimated

Type of Filing: Original

Work Paper Reference: None

Schedule E-1

Page 3 of 10

Line No.	Demand (kW)	Usage (kWh)	Current Bill		Proposed Bill		EER Change	Percent Change
(A)	(B)	(C)	(D)		(E)		(F)	(G)=(F)/(D)
1	0.0	50	\$	11.74	\$	11.72	\$ (0.02)	-0.2%
2	0.0	100	\$	15.55	\$	15.51	\$ (0.04)	-0.2%
3	0.0	200	\$	23.21	\$	23.14	\$ (0.07)	-0.3%
4	0.0	400	\$	38.51	\$	38.36	\$ (0.15)	-0.4%
5	0.0	500	\$	46.15	\$	45.97	\$ (0.18)	-0.4%
6	0.0	750	\$	65.26	\$	64.98	\$ (0.28)	-0.4%
7	0.0	1,000	\$	83.57	\$	83.20	\$ (0.37)	-0.4%
8	0.0	1,200	\$	98.22	\$	97.78	\$ (0.44)	-0.5%
9	0.0	1,400	\$	112.85	\$	112.33	\$ (0.52)	-0.5%
10	0.0	1,500	\$	120.18	\$	119.63	\$ (0.55)	-0.5%
11	0.0	2,000	\$	156.78	\$	156.04	\$ (0.74)	-0.5%
12	0.0	2,500	\$	193.16	\$	192.24	\$ (0.92)	-0.5%
13	0.0	3,000	\$	229.53	\$	228.42	\$ (1.11)	-0.5%
14	0.0	4,000	\$	302.28	\$	300.80	\$ (1.48)	-0.5%
15	0.0	5,000	\$	375.03	\$	373.18	\$ (1.85)	-0.5%
16	0.0	7,500	\$	556.91	\$	554.14	\$ (2.77)	-0.5%

AES Ohio
Case No. 21-0560-EL-RDR
Typical Bill Comparison
September 2021 - August 2022
Secondary Unmetered

Data: Estimated

Type of Filing: Original

Work Paper Reference: None

Schedule E-1

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Line No.	Demand (kW)	Usage (kWh)	Current Bill		Proposed Bill		EER Change	Percent Change
(A)	(B)	(C)	(D)		(E)		(F)	(G)=(F)/(D)
1	0.0	50	\$	16.56	\$	16.66	\$ 0.10	0.6%
2	0.0	100	\$	19.57	\$	19.78	\$ 0.21	1.1%
3	0.0	150	\$	22.59	\$	22.90	\$ 0.31	1.4%
4	0.0	200	\$	25.59	\$	26.00	\$ 0.41	1.6%
5	0.0	300	\$	31.62	\$	32.24	\$ 0.62	2.0%
6	0.0	400	\$	37.64	\$	38.47	\$ 0.83	2.2%
7	0.0	500	\$	43.66	\$	44.70	\$ 1.04	2.4%
8	0.0	600	\$	49.69	\$	50.93	\$ 1.24	2.5%
9	0.0	800	\$	61.74	\$	63.40	\$ 1.66	2.7%
10	0.0	1,000	\$	73.78	\$	75.85	\$ 2.07	2.8%
11	0.0	1,200	\$	85.83	\$	88.32	\$ 2.49	2.9%
12	0.0	1,400	\$	97.86	\$	100.76	\$ 2.90	3.0%
13	0.0	1,600	\$	109.53	\$	112.85	\$ 3.32	3.0%
14	0.0	2,000	\$	132.09	\$	136.24	\$ 4.15	3.1%
15	0.0	2,200	\$	143.28	\$	147.84	\$ 4.56	3.2%
16	0.0	2,400	\$	154.47	\$	159.45	\$ 4.98	3.2%

AES Ohio
Case No. 21-0560-EL-RDR
Typical Bill Comparison
September 2021 - August 2022
Secondary Single Phase

Data: Estimated

Type of Filing: Original

Work Paper Reference: None

Schedule E-1

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Line No.	Demand (kW)	Usage (kWh)	Current Bill		Proposed Bill		EER Change	Percent Change
(A)	(B)	(C)	(D)		(E)		(F)	(G)=(F)/(D)
1	5	750	\$	81.15	\$	82.71	\$ 1.56	1.9%
2	5	1,500	\$	128.54	\$	131.65	\$ 3.11	2.4%
3	10	1,500	\$	146.27	\$	149.38	\$ 3.11	2.1%
4	25	5,000	\$	429.64	\$	440.01	\$ 10.37	2.4%
5	25	7,500	\$	569.50	\$	585.06	\$ 15.56	2.7%
6	25	10,000	\$	709.37	\$	730.11	\$ 20.74	2.9%
7	50	15,000	\$	1,120.37	\$	1,151.48	\$ 31.11	2.8%
8	50	25,000	\$	1,674.24	\$	1,726.10	\$ 51.86	3.1%
9	200	50,000	\$	3,846.63	\$	3,950.34	\$ 103.71	2.7%
10	200	100,000	\$	6,615.94	\$	6,823.36	\$ 207.42	3.1%
11	300	125,000	\$	8,525.75	\$	8,785.03	\$ 259.28	3.0%
12	500	200,000	\$	13,696.27	\$	14,111.11	\$ 414.84	3.0%
13	1,000	300,000	\$	21,815.67	\$	22,437.93	\$ 622.26	2.9%
14	1,000	500,000	\$	32,802.93	\$	33,840.03	\$ 1,037.10	3.2%
15	2,500	750,000	\$	54,414.29	\$	55,969.94	\$ 1,555.65	2.9%
16	2,500	1,000,000	\$	67,847.59	\$	69,921.79	\$ 2,074.20	3.1%

AES Ohio
Case No. 21-0560-EL-RDR
Typical Bill Comparison
September 2021 - August 2022
Secondary Three Phase

Data: Estimated

Type of Filing: Original

Work Paper Reference: None

Schedule E-1

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Line No.	Demand (kW)	Usage (kWh)	Current Bill		Proposed Bill		EER Change	Percent Change
(A)	(B)	(C)	(D)		(E)		(F)	(G)=(F)/(D)
1	5	500	\$	68.09	\$	69.13	\$ 1.04	1.5%
2	5	1,500	\$	137.20	\$	140.31	\$ 3.11	2.3%
3	10	1,500	\$	154.93	\$	158.04	\$ 3.11	2.0%
4	25	5,000	\$	438.29	\$	448.66	\$ 10.37	2.4%
5	25	7,500	\$	578.15	\$	593.71	\$ 15.56	2.7%
6	25	10,000	\$	718.02	\$	738.76	\$ 20.74	2.9%
7	50	25,000	\$	1,682.90	\$	1,734.76	\$ 51.86	3.1%
8	200	50,000	\$	3,855.28	\$	3,958.99	\$ 103.71	2.7%
9	200	125,000	\$	8,009.25	\$	8,268.53	\$ 259.28	3.2%
10	500	200,000	\$	13,704.93	\$	14,119.77	\$ 414.84	3.0%
11	1,000	300,000	\$	21,824.33	\$	22,446.59	\$ 622.26	2.9%
12	1,000	500,000	\$	32,811.59	\$	33,848.69	\$ 1,037.10	3.2%
13	2,500	750,000	\$	54,422.95	\$	55,978.60	\$ 1,555.65	2.9%
14	2,500	1,000,000	\$	67,856.25	\$	69,930.45	\$ 2,074.20	3.1%
15	5,000	1,500,000	\$	107,552.72	\$	110,664.02	\$ 3,111.30	2.9%
16	5,000	2,000,000	\$	134,120.37	\$	138,268.77	\$ 4,148.40	3.1%

AES Ohio
Case No. 21-0560-EL-RDR
Typical Bill Comparison
September 2021 - August 2022
Primary

Data: Estimated

Type of Filing: Original

Work Paper Reference: None

Schedule E-1

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Line No.	Demand (kW)	Usage (kWh)	Current Bill	Proposed Bill	EER Change	Percent Change
(A)	(B)	(C)	(D)	(E)	(F)	(G)=(F)/(D)
1	5	1,000	\$ 307.13	\$ 308.48	\$ 1.35	0.4%
2	5	2,500	\$ 388.78	\$ 392.15	\$ 3.37	0.9%
3	10	5,000	\$ 544.86	\$ 551.60	\$ 6.74	1.2%
4	25	7,500	\$ 742.56	\$ 752.66	\$ 10.10	1.4%
5	25	10,000	\$ 877.85	\$ 891.32	\$ 13.47	1.5%
6	50	20,000	\$ 1,520.23	\$ 1,547.17	\$ 26.94	1.8%
7	50	30,000	\$ 2,055.86	\$ 2,096.27	\$ 40.41	2.0%
8	200	50,000	\$ 3,750.75	\$ 3,818.11	\$ 67.36	1.8%
9	200	75,000	\$ 5,089.84	\$ 5,190.87	\$ 101.03	2.0%
10	200	100,000	\$ 6,428.92	\$ 6,563.63	\$ 134.71	2.1%
11	500	250,000	\$ 15,710.65	\$ 16,047.43	\$ 336.78	2.1%
12	1,000	500,000	\$ 31,180.10	\$ 31,853.65	\$ 673.55	2.2%
13	2,500	1,000,000	\$ 63,896.95	\$ 65,244.05	\$ 1,347.10	2.1%
14	5,000	2,500,000	\$ 151,933.92	\$ 155,301.67	\$ 3,367.75	2.2%
15	10,000	5,000,000	\$ 302,126.52	\$ 308,862.02	\$ 6,735.50	2.2%
16	25,000	7,500,000	\$ 493,890.88	\$ 503,994.13	\$ 10,103.25	2.0%
17	25,000	10,000,000	\$ 623,297.63	\$ 636,768.63	\$ 13,471.00	2.2%
18	50,000	15,000,000	\$ 986,040.36	\$ 1,006,246.86	\$ 20,206.50	2.0%

AES Ohio
Case No. 21-0560-EL-RDR
Typical Bill Comparison
September 2021 - August 2022
Primary Substation

Data: Estimated

Type of Filing: Original

Work Paper Reference: None

Schedule E-1

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Line No.	Demand (kW)	Usage (kWh)	Current Bill	Proposed Bill	EER Change	Percent Change
(A)	(B)	(C)	(D)	(E)	(F)	(G)=(F)/(D)
1	3,000	1,000,000	\$ 61,510.70	\$ 62,163.40	\$ 652.70	1.1%
2	5,000	2,000,000	\$ 118,270.10	\$ 119,575.50	\$ 1,305.40	1.1%
3	5,000	3,000,000	\$ 169,433.40	\$ 171,391.50	\$ 1,958.10	1.2%
4	10,000	4,000,000	\$ 234,586.99	\$ 237,197.79	\$ 2,610.80	1.1%
5	10,000	5,000,000	\$ 285,750.29	\$ 289,013.79	\$ 3,263.50	1.1%
6	15,000	6,000,000	\$ 350,903.89	\$ 354,820.09	\$ 3,916.20	1.1%
7	15,000	7,000,000	\$ 402,067.19	\$ 406,636.09	\$ 4,568.90	1.1%
8	15,000	8,000,000	\$ 453,230.49	\$ 458,452.09	\$ 5,221.60	1.2%
9	25,000	9,000,000	\$ 532,374.39	\$ 538,248.69	\$ 5,874.30	1.1%
10	25,000	10,000,000	\$ 583,537.69	\$ 590,064.69	\$ 6,527.00	1.1%
11	30,000	12,500,000	\$ 725,436.23	\$ 733,594.98	\$ 8,158.75	1.1%
12	30,000	15,000,000	\$ 853,344.48	\$ 863,134.98	\$ 9,790.50	1.1%
13	50,000	17,500,000	\$ 1,037,213.90	\$ 1,048,636.15	\$ 11,422.25	1.1%
14	50,000	20,000,000	\$ 1,165,122.15	\$ 1,178,176.15	\$ 13,054.00	1.1%
15	50,000	25,000,000	\$ 1,420,938.65	\$ 1,437,256.15	\$ 16,317.50	1.1%

AES Ohio
Case No. 21-0560-EL-RDR
Typical Bill Comparison
September 2021 - August 2022
High Voltage

Data: Estimated

Type of Filing: Original

Work Paper Reference: None

Schedule E-1

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Line No.	Demand (kW)	Usage (kWh)	Current Bill	Proposed Bill	EER Change	Percent Change
(A)	(B)	(C)	(D)	(E)	(F)	(G)=(F)/(D)
1	1,000	500,000	\$ 29,630.67	\$ 29,991.67	\$ 361.00	1.2%
2	2,000	1,000,000	\$ 57,875.17	\$ 58,597.17	\$ 722.00	1.2%
3	3,000	1,500,000	\$ 85,519.95	\$ 86,602.95	\$ 1,083.00	1.3%
4	3,500	2,000,000	\$ 112,122.99	\$ 113,566.99	\$ 1,444.00	1.3%
5	5,000	2,500,000	\$ 140,809.50	\$ 142,614.50	\$ 1,805.00	1.3%
6	7,500	3,000,000	\$ 171,579.50	\$ 173,745.50	\$ 2,166.00	1.3%
7	7,500	4,000,000	\$ 222,702.10	\$ 225,590.10	\$ 2,888.00	1.3%
8	10,000	5,000,000	\$ 279,033.39	\$ 282,643.39	\$ 3,610.00	1.3%
9	10,000	6,000,000	\$ 330,155.99	\$ 334,487.99	\$ 4,332.00	1.3%
10	12,500	7,000,000	\$ 386,487.29	\$ 391,541.29	\$ 5,054.00	1.3%
11	12,500	8,000,000	\$ 437,609.89	\$ 443,385.89	\$ 5,776.00	1.3%
12	15,000	9,000,000	\$ 493,941.17	\$ 500,439.17	\$ 6,498.00	1.3%
13	20,000	10,000,000	\$ 555,481.16	\$ 562,701.16	\$ 7,220.00	1.3%
14	40,000	20,000,000	\$ 1,108,376.69	\$ 1,122,816.69	\$ 14,440.00	1.3%
15	60,000	30,000,000	\$ 1,661,272.23	\$ 1,682,932.23	\$ 21,660.00	1.3%

AES Ohio
Case No. 21-0560-EL-RDR
Typical Bill Comparison
September 2021 - August 2022
Street Lighting

Data: Estimated

Type of Filing: Original

Work Paper Reference: None

Schedule E-1

Page 10 of 10

Line No.	Demand (kW)	Usage (kWh)	Current Bill		Proposed Bill		EER Change	Percent Change
(A)	(B)	(C)	(D)		(E)		(F)	(G)=(F)/(D)
1	0.0	50	\$	11.77	\$	11.89	\$ 0.12	1.0%
2	0.0	100	\$	15.30	\$	15.54	\$ 0.24	1.6%
3	0.0	200	\$	22.36	\$	22.84	\$ 0.48	2.2%
4	0.0	400	\$	36.50	\$	37.46	\$ 0.96	2.6%
5	0.0	500	\$	43.57	\$	44.77	\$ 1.20	2.8%
6	0.0	750	\$	61.25	\$	63.05	\$ 1.80	2.9%
7	0.0	1,000	\$	78.90	\$	81.30	\$ 2.40	3.0%
8	0.0	1,200	\$	93.04	\$	95.93	\$ 2.89	3.1%
9	0.0	1,400	\$	107.17	\$	110.54	\$ 3.37	3.1%
10	0.0	1,600	\$	121.29	\$	125.14	\$ 3.85	3.2%
11	0.0	2,000	\$	149.56	\$	154.37	\$ 4.81	3.2%
12	0.0	2,500	\$	184.68	\$	190.69	\$ 6.01	3.3%
13	0.0	3,000	\$	219.78	\$	226.99	\$ 7.21	3.3%
14	0.0	4,000	\$	289.99	\$	299.61	\$ 9.62	3.3%
15	0.0	5,000	\$	360.21	\$	372.23	\$ 12.02	3.3%

AES Ohio
Case No. 21-0560-EL-RDR
Auditable Summary of Costs
January 2019 - December 2019

Data: Actual
Type of Filing: Original
Work Paper Reference No(s): WPB-3, WPB-4

Schedule F-1
Page 1 of 1

Line	Description	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total	Source
1	Program Costs*														
2	Residential Efficiency Products	\$ 1,066,296	\$ 304,148	\$ 408,965	\$ 391,417	\$ 760,762	\$ (23,393)	\$ 109,972	\$ 262,521	\$ 116,099	\$ 236,131	\$ 163,933	\$ 98,899	\$ 3,895,751	Internal Records
3	School Education	\$ (29,072)	\$ 43,861	\$ 25,391	\$ 14,467	\$ 39,121	\$ 15,674	\$ 24,424	\$ 12,048	\$ 66,049	\$ 50,655	\$ 48,763	\$ 31,905	\$ 343,287	Internal Records
4	Residential HVAC Rebate	\$ 85,834	\$ 122,282	\$ 116,405	\$ 136,116	\$ 131,099	\$ 150,682	\$ 133,475	\$ 190,357	\$ 75,684	\$ 147,837	\$ 121,148	\$ 128,743	\$ 1,539,663	Internal Records
5	Residential Appliance Recycling	\$ 37,896	\$ 27,929	\$ 49,231	\$ 25,213	\$ 101,777	\$ 7,816	\$ 64,657	\$ 78,491	\$ 76,531	\$ 87,538	\$ 63,811	\$ 61,538	\$ 682,427	Internal Records
6	Residential Low Income	\$ (22,407)	\$ 46,475	\$ 89,634	\$ 34,681	\$ 172,878	\$ (17,940)	\$ 85,100	\$ 152,244	\$ 95,805	\$ 108,158	\$ 115,116	\$ 208,248	\$ 1,067,991	Internal Records
7	Residential Multi Family	\$ 51,555	\$ 56,651	\$ 50,114	\$ 104,401	\$ 123,620	\$ 19,965	\$ 49,948	\$ 35,974	\$ 1,516	\$ 65,422	\$ 41,825	\$ 10,086	\$ 611,077	Internal Records
8	Residential Smart Thermostats	\$ (6,706)	\$ 7,054	\$ 35,681	\$ (8,413)	\$ 51,271	\$ 96,150	\$ 3,354	\$ 51,432	\$ 13,779	\$ 132,119	\$ 18,774	\$ 36,775	\$ 431,270	Internal Records
9	Residential Home Energy Kits	\$ (48,348)	\$ 16,841	\$ 88,211	\$ 135,858	\$ (19,890)	\$ 40,776	\$ 19,364	\$ 2,652	\$ (36,646)	\$ (6,756)	\$ 14,339	\$ (39,282)	\$ 167,119	Internal Records
10	Residential Stakeholder	\$ -	\$ -	\$ -	\$ (52,000)	\$ -	\$ -	\$ -	\$ -	\$ 52,000	\$ 200,000	\$ -	\$ -	\$ 200,000	Internal Records
11	Residential Pilot	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 88	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 88	Internal Records
12	Customer Education	\$ 11,122	\$ 33,236	\$ 31,185	\$ (5,384)	\$ 69,827	\$ (5,733)	\$ 8,771	\$ 12,888	\$ 19,922	\$ 8,812	\$ 10,563	\$ 16,810	\$ 212,017	Internal Records
13	PJM Load-Bidding	\$ (35,639)	\$ (47,607)	\$ (27,636)	\$ (41,040)	\$ (33,737)	\$ (19,831)	\$ (15,435)	\$ 7,853	\$ (4,125)	\$ (71,387)	\$ (12,685)	\$ (13,610)	\$ (314,880)	Internal Records
14	Total Residential Program Costs	\$ 1,110,530	\$ 610,870	\$ 867,182	\$ 735,315	\$ 1,396,728	\$ 264,255	\$ 483,629	\$ 806,459	\$ 476,614	\$ 958,530	\$ 585,587	\$ 540,111	\$ 8,835,811	Sum Lines 2 thru 13
15															
16	Non-Residential Prescriptive Rebates	\$ 903,510	\$ 329,978	\$ 670,928	\$ 165,126	\$ 467,903	\$ 363,434	\$ 630,618	\$ 962,451	\$ 928,459	\$ 867,524	\$ 765,904	\$ 1,196,312	\$ 8,252,147	Internal Records
17	Non-Residential Custom Rebates	\$ 88,907	\$ 26,825	\$ 184,489	\$ 304,889	\$ 207,358	\$ 104,547	\$ 139,644	\$ 362,947	\$ 312,794	\$ 264,599	\$ 493,637	\$ 567,637	\$ 3,058,273	Internal Records
18	Non-Residential Small Business Install	\$ 124,243	\$ 98,206	\$ 41,034	\$ 143,889	\$ 141,055	\$ 26,476	\$ 73,549	\$ 70,311	\$ 18,902	\$ 66,769	\$ 57,651	\$ 47,521	\$ 909,606	Internal Records
19	Non-Residential Pilot	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	Internal Records
20	Mercantile Program	\$ 2,519	\$ 2,405	\$ 12,371	\$ 2,056	\$ 2,573	\$ (554)	\$ 99,585	\$ 755	\$ 559	\$ 7,227	\$ 946	\$ 72,475	\$ 202,916	Internal Records
21	Customer Education	\$ 11,122	\$ 33,236	\$ 31,185	\$ (5,384)	\$ 69,827	\$ (5,733)	\$ 8,771	\$ 12,888	\$ 19,922	\$ 8,812	\$ 10,563	\$ 16,810	\$ 212,017	Internal Records
22	PJM Load-Bidding	\$ (102,384)	\$ (116,577)	\$ (96,606)	\$ (107,785)	\$ (102,707)	\$ (67,062)	\$ (64,240)	\$ (40,952)	\$ (51,486)	\$ (119,930)	\$ (60,045)	\$ (62,549)	\$ (992,324)	Internal Records
23	Non-Res Stakeholder	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,237	\$ 538	\$ 469	\$ 320	\$ 951	\$ 537	\$ 1,060	\$ 5,111	Internal Records
24	Total Program Costs	\$ 1,027,917	\$ 374,073	\$ 843,401	\$ 502,789	\$ 786,008	\$ 422,345	\$ 888,464	\$ 1,368,867	\$ 1,229,470	\$ 1,095,952	\$ 1,269,193	\$ 1,839,266	\$ 11,647,746	Sum Lines 16 thru 23
25															
26	Residential Shared Savings Incentive	\$ 210,040	\$ 210,040	\$ 210,040	\$ 210,040	\$ 210,040	\$ 210,040	\$ 210,040	\$ 210,040	\$ 210,040	\$ 210,040	\$ 210,040	\$ 210,040	\$ 2,520,475	WPB-3, Col (F)
27	Non-Residential Shared Savings Incentive	\$ 533,786	\$ 533,786	\$ 533,786	\$ 533,786	\$ 533,786	\$ 533,786	\$ 533,786	\$ 533,786	\$ 533,786	\$ 533,786	\$ 533,786	\$ 533,786	\$ 6,405,435	WPB-4, Col (F)
28	Total Shared Savings Incentive	\$ 743,826	\$ 743,826	\$ 743,826	\$ 743,826	\$ 743,826	\$ 743,826	\$ 743,826	\$ 743,826	\$ 743,826	\$ 743,826	\$ 743,826	\$ 743,826	\$ 8,925,910	Line 26 + Line 27
29															
30	Total EER Costs	\$ 2,882,273	\$ 1,728,768	\$ 2,454,408	\$ 1,981,930	\$ 2,926,562	\$ 1,430,426	\$ 2,115,919	\$ 2,919,152	\$ 2,449,910	\$ 2,798,308	\$ 2,598,606	\$ 3,123,203	\$ 29,409,466	Line 14 + 24 + 28

* EM&V costs are included in the costs for each individual program

**THE DAYTON POWER AND LIGHT COMPANY d/b/a AES OHIO
CASE NO. 21-0560-EL-RDR**

Energy Efficiency Rider (EER)

Current Tariffs

THE DAYTON POWER AND LIGHT COMPAN
MacGregor Park
1065 Woodman Drive
Dayton, Ohio 45432

Twelfth Revised Sheet No. D38
Cancels
Eleventh Revised Sheet No. D38
Page 1 of 1

P.U.C.O. No. 17
ELECTRIC DISTRIBUTION SERVICE
ENERGY EFFICIENCY RIDER

DESCRIPTION:

The Energy Efficiency Rider (EER) recovers the costs associated with meeting the energy efficiency and peak demand reduction targets set forth in Section 4928.66 of the Ohio Revised Code. This is a non-bypassable charge (except if the customer qualifies for a mercantile opt-out exemption).

APPLICABLE:

This Rider will be assessed on each monthly bill, effective on a bills-rendered basis beginning January 1, 2021 for all Customers served under the Electric Distribution Service Tariff Sheets D17-D22 and D25 based on the following rates.

CHARGES:

Residential	\$0.0000000	/kWh
Residential Heating	\$0.0000000	/kWh
Secondary	\$0.0000000	/kWh
Primary	\$0.0000000	/kWh
Primary-Substation	\$0.0000000	/kWh
High Voltage	\$0.0000000	/kWh
Street Lighting	\$0.0000000	/kWh

TERMS AND CONDITIONS:

The Energy Efficiency Rider rates charged under this tariff shall be updated once a year. This Rider is subject to reconciliation, including but not limited to, refunds to customers, based upon the results of audits as approved and ordered by the Commission.

Filed pursuant to the Finding and Order in Case No. 17-1398-EL-POR dated December 30, 2020 of the Public Utilities Commission of Ohio.

Issued December 30, 2020

Effective January 1, 2021

Issued by
KRISTINA LUND, President and Chief Executive Officer

**THE DAYTON POWER AND LIGHT COMPANY d/b/a AES OHIO
CASE NO. 21-0560-EL-RDR**

Energy Efficiency Rider (EER)

Schedule A-2 Proposed Tariff

THE DAYTON POWER AND LIGHT COMPANY d/b/a AES OHIO
MacGregor Park
1065 Woodman Drive
Dayton, Ohio 45432

Thirteenth Revised Sheet No. D38
Cancels
Twelfth Revised Sheet No. D38
Page 1 of 1

P.U.C.O. No. 17
ELECTRIC DISTRIBUTION SERVICE
ENERGY EFFICIENCY RIDER

DESCRIPTION:

The Energy Efficiency Rider (EER) recovers the costs associated with meeting the energy efficiency and peak demand reduction targets set forth in Section 4928.66 of the Ohio Revised Code. This is a non-bypassable charge (except if the customer qualifies for a mercantile opt-out exemption).

APPLICABLE:

This Rider will be assessed on each monthly bill, effective on a bills-rendered basis beginning September 1, 2021 for all Customers served under the Electric Distribution Service Tariff Sheets D17-D22 and D25 based on the following rates.

CHARGES:

Residential	\$ (0.0003699)	/kWh
Residential Heating	\$ (0.0003699)	/kWh
Secondary	\$ 0.0020742	/kWh
Primary	\$ 0.0013471	/kWh
Primary-Substation	\$ 0.0006527	/kWh
High Voltage	\$ 0.0007220	/kWh
Street Lighting	\$ 0.0024044	/kWh

TERMS AND CONDITIONS:

The Energy Efficiency Rider rates charged under this tariff shall be updated once a year. This Rider is subject to reconciliation, including but not limited to, refunds to customers, based upon the results of audits as approved and ordered by the Commission.

Filed pursuant to the Finding and Order in Case No. 21-0560-EL-RDR dated _____ of the Public Utilities Commission of Ohio.

Issued _____

Effective _____

Issued by
KRISTINA LUND, President and Chief Executive Officer

**THE DAYTON POWER AND LIGHT
COMPANY CASE NO. 21-0560-EL-RDR**

Energy Efficiency Rider (EER)

Workpapers

AES Ohio
Case No. 21-0560-EL-RDR
Actual EER Revenues
September 2019 - April 2021

Data: Actual
Type of Filing: Original
Work Paper Reference No(s): None

WPB-1
Page 1 of 1

Line	Description	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	Total
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)
1	Residential EER Revenue	\$ (931,160)	\$ (870,519)	\$ (719,900)	\$ (988,165)	\$ (1,143,270)	\$ (1,077,829)	\$ (1,027,510)	\$ (839,188)	\$ (747,570)	\$ (906,116)	\$ (1,209,692)	\$ (1,128,147)	\$ (1,016,207)	\$ (736,431)	\$ (713,604)	\$ (989,269)	\$ (751)	\$ 1,004	\$ 256	\$ 108	\$ (15,043,959)
2	Non-Residential EER Revenue	\$ (2,040,643)	\$ (2,066,586)	\$ (1,690,677)	\$ (1,736,014)	\$ (1,034,390)	\$ (1,000,142)	\$ (982,123)	\$ (852,966)	\$ (736,880)	\$ (905,370)	\$ (1,056,543)	\$ (1,057,818)	\$ (1,041,182)	\$ (880,994)	\$ (759,868)	\$ (893,520)	\$ (37,943)	\$ (3,391)	\$ 880	\$ 647	\$ (18,775,521)
3	Total EER Revenue	\$ (2,971,803)	\$ (2,937,105)	\$ (2,410,576)	\$ (2,724,179)	\$ (2,177,661)	\$ (2,077,970)	\$ (2,009,633)	\$ (1,692,154)	\$ (1,484,450)	\$ (1,811,486)	\$ (2,266,235)	\$ (2,185,965)	\$ (2,057,389)	\$ (1,617,425)	\$ (1,473,472)	\$ (1,882,789)	\$ (38,694)	\$ (2,386)	\$ 1,136	\$ 756	\$ (33,819,480)

Source: Internal Records

AES Ohio
Case No. 21-0560-EL-POR
Calculation of Residential Carrying Costs
January 2009 - Current

Data: Actual and Forecasted
Type of Filing: Original
Work Paper Reference No(s): WPB-1, WPB-2

WPB-3
Page 1 of 2

MONTHLY ACTIVITY													CARRYING COST CALCULATION		
Line (A)	Period (B)	First of Month Balance (C)	CCEM Charges (D)	Lost Revenue (E)	Shared Savings (F)	Amount Collected (G)	NET AMOUNT (H)		End of Month before Carrying Cost (I)	Carrying Cost 5.86% (J)	End of Month Balance (K)	Less: One-half Monthly Amount (L)	Total Applicable to Carrying Cost (M)		
							(G)	(H)						(I) = (C) + (H)	(J) = (M) * (COD% / 12)
1	Jan-09	\$ -	\$ 182,602.59	\$ -	\$ -	\$ -	\$ 182,602.59	\$ 182,602.59	\$ 182,602.59	\$ 445.85	\$ 183,048.44	\$ (91,301.29)	\$ 91,301.29		
2	Feb-09	\$ 183,048.44	\$ 147,898.57	\$ 1,095.39	\$ -	\$ -	\$ 148,993.96	\$ 332,042.40	\$ 332,042.40	\$ 1,257.68	\$ 333,300.08	\$ (74,496.98)	\$ 257,545.42		
3	Mar-09	\$ 333,300.08	\$ 308,441.57	\$ 5,163.76	\$ -	\$ -	\$ 313,605.34	\$ 646,905.42	\$ 646,905.42	\$ 2,393.34	\$ 649,298.75	\$ (156,802.67)	\$ 490,102.75		
4	Apr-09	\$ 649,298.75	\$ 249,826.90	\$ 12,484.01	\$ -	\$ -	\$ 262,310.92	\$ 911,609.67	\$ 911,609.67	\$ 3,811.22	\$ 915,420.89	\$ (131,155.46)	\$ 780,454.21		
5	May-09	\$ 915,420.89	\$ 95,154.69	\$ 25,487.19	\$ -	\$ -	\$ 120,641.88	\$ 1,036,062.77	\$ 1,036,062.77	\$ 4,764.87	\$ 1,040,827.64	\$ (60,320.94)	\$ 975,741.83		
6	Jun-09	\$ 1,040,827.64	\$ 283,872.59	\$ 36,635.75	\$ -	\$ -	\$ 320,508.34	\$ 1,361,335.98	\$ 1,361,335.98	\$ 5,865.28	\$ 1,367,201.27	\$ (160,254.17)	\$ 1,201,081.81		
7	Jul-09	\$ 1,367,201.27	\$ 503,612.23	\$ 56,057.82	\$ -	\$ (437,565.02)	\$ 122,105.03	\$ 1,489,306.30	\$ 1,489,306.30	\$ 6,974.64	\$ 1,496,280.94	\$ (61,052.52)	\$ 1,428,253.78		
8	Aug-09	\$ 1,496,280.94	\$ 625,963.38	\$ 81,372.39	\$ -	\$ (804,065.60)	\$ (96,727.83)	\$ 1,399,553.11	\$ 1,399,553.11	\$ 7,070.66	\$ 1,406,623.77	\$ 48,363.91	\$ 1,447,917.02		
9	Sep-09	\$ 1,406,623.77	\$ 755,866.31	\$ 106,419.75	\$ -	\$ (758,265.40)	\$ 104,020.66	\$ 1,510,644.43	\$ 1,510,644.43	\$ 7,123.00	\$ 1,517,767.43	\$ (52,010.33)	\$ 1,458,634.10		
10	Oct-09	\$ 1,517,767.43	\$ 860,754.35	\$ 139,239.29	\$ -	\$ (661,199.49)	\$ 338,794.15	\$ 1,856,561.58	\$ 1,856,561.58	\$ 8,238.99	\$ 1,864,800.56	\$ (169,397.08)	\$ 1,687,164.50		
11	Nov-09	\$ 1,864,800.56	\$ 621,516.28	\$ 180,897.23	\$ -	\$ (649,354.11)	\$ 153,059.40	\$ 2,017,859.96	\$ 2,017,859.96	\$ 9,480.16	\$ 2,027,340.12	\$ (76,529.70)	\$ 1,941,330.26		
12	Dec-09	\$ 2,027,340.12	\$ 662,966.30	\$ 212,456.75	\$ -	\$ (859,237.26)	\$ 16,185.79	\$ 2,043,525.91	\$ 2,043,525.91	\$ 9,939.70	\$ 2,053,465.61	\$ (8,092.89)	\$ 2,035,433.02		
13	Jan-10	\$ 2,053,465.61	\$ 502,235.78	\$ 233,281.85	\$ -	\$ (1,277,618.53)	\$ (542,100.90)	\$ 1,511,364.71	\$ 1,511,364.71	\$ 8,704.13	\$ 1,520,068.84	\$ 271,050.45	\$ 1,782,415.16		
14	Feb-10	\$ 1,520,068.84	\$ 376,674.8	\$ 258,436.91	\$ -	\$ (1,107,724.43)	\$ (472,622.75)	\$ 1,047,446.10	\$ 1,047,446.10	\$ 6,269.02	\$ 1,053,715.11	\$ 236,311.37	\$ 1,283,757.47		
15	Mar-10	\$ 1,053,715.11	\$ 663,008.60	\$ 289,470.71	\$ -	\$ (1,008,182.44)	\$ (56,703.13)	\$ 998,011.99	\$ 998,011.99	\$ 5,009.63	\$ 1,003,021.62	\$ 27,851.56	\$ 1,025,863.55		
16	Apr-10	\$ 1,003,021.62	\$ 718,454.16	\$ 320,670.10	\$ -	\$ (727,279.64)	\$ 311,844.62	\$ 1,314,866.24	\$ 1,314,866.24	\$ 5,659.51	\$ 1,320,525.75	\$ (155,922.31)	\$ 1,158,943.93		
17	May-10	\$ 1,320,525.75	\$ 825,016.78	\$ 368,256.06	\$ -	\$ (610,832.63)	\$ 582,440.21	\$ 1,902,965.96	\$ 1,902,965.96	\$ 7,870.69	\$ 1,910,836.65	\$ (291,220.11)	\$ 1,611,745.86		
18	Jun-10	\$ 1,910,836.65	\$ 964,463.11	\$ 390,258.20	\$ -	\$ (847,796.52)	\$ 506,924.79	\$ 2,417,761.44	\$ 2,417,761.44	\$ 10,568.99	\$ 2,428,330.44	\$ (253,462.40)	\$ 2,164,299.05		
19	Jul-10	\$ 2,428,330.44	\$ 695,262.37	\$ 417,377.05	\$ -	\$ (1,054,002.17)	\$ 28,637.25	\$ 2,456,967.69	\$ 2,456,967.69	\$ 11,928.27	\$ 2,468,895.96	\$ (14,318.63)	\$ 2,442,649.06		
20	Aug-10	\$ 2,468,895.96	\$ 883,068.15	\$ 437,530.31	\$ -	\$ (1,411,586.27)	\$ 179,012.19	\$ 2,647,908.15	\$ 2,647,908.15	\$ 12,493.53	\$ 2,660,401.68	\$ (89,506.10)	\$ 2,558,402.06		
21	Sep-10	\$ 2,660,401.68	\$ 949,687.20	\$ 461,226.80	\$ -	\$ (929,955.37)	\$ 480,958.63	\$ 3,141,360.31	\$ 3,141,360.31	\$ 14,165.97	\$ 3,155,526.28	\$ (240,479.31)	\$ 2,900,881.00		
22	Oct-10	\$ 3,155,526.28	\$ 879,715.12	\$ 491,458.00	\$ -	\$ (664,904.74)	\$ 706,268.38	\$ 3,851,794.66	\$ 3,851,794.66	\$ 17,133.96	\$ 3,878,928.62	\$ (353,134.19)	\$ 3,508,660.47		
23	Nov-10	\$ 3,878,928.62	\$ 932,542.36	\$ 538,285.56	\$ -	\$ (679,923.23)	\$ 790,904.69	\$ 4,669,833.31	\$ 4,669,833.31	\$ 20,873.23	\$ 4,690,706.54	\$ (395,452.35)	\$ 4,274,380.96		
24	Dec-10	\$ 4,690,706.54	\$ 849,329.39	\$ 553,511.44	\$ -	\$ (975,418.01)	\$ 427,422.82	\$ 5,118,129.36	\$ 5,118,129.36	\$ 23,949.91	\$ 5,142,079.27	\$ (213,711.41)	\$ 4,904,417.95		
25	Jan-11	\$ 5,142,079.27	\$ 359,525.44	\$ 564,672.98	\$ -	\$ (1,288,404.86)	\$ (364,206.44)	\$ 4,777,872.83	\$ 4,777,872.83	\$ 24,221.22	\$ 4,802,094.04	\$ 182,103.22	\$ 4,959,976.05		
26	Feb-11	\$ 4,802,094.04	\$ 359,889.46	\$ 576,159.78	\$ -	\$ (1,111,691.93)	\$ (175,642.69)	\$ 4,626,451.35	\$ 4,626,451.35	\$ 23,021.37	\$ 4,649,472.72	\$ 87,821.35	\$ 4,714,272.70		
27	Mar-11	\$ 4,649,472.72	\$ 615,766.88	\$ 591,714.92	\$ -	\$ (939,545.68)	\$ 267,936.12	\$ 4,917,408.83	\$ 4,917,408.83	\$ 23,559.14	\$ 4,940,767.97	\$ (133,968.06)	\$ 4,783,407.77		
28	Apr-11	\$ 4,940,767.97	\$ 384,842.12	\$ 590,747.31	\$ -	\$ (782,858.95)	\$ 192,730.48	\$ 5,133,498.45	\$ 5,133,498.45	\$ 24,598.00	\$ 5,158,096.45	\$ (96,365.24)	\$ 5,037,133.21		
29	May-11	\$ 5,158,096.45	\$ 411,065.11	\$ 640,416.95	\$ -	\$ (685,320.66)	\$ 366,166.00	\$ 5,524,262.45	\$ 5,524,262.45	\$ 26,082.76	\$ 5,550,345.21	\$ (183,083.00)	\$ 5,341,179.45		
30	Jun-11	\$ 5,550,345.21	\$ 681,144.38	\$ 668,426.79	\$ -	\$ (837,539.52)	\$ 512,031.64	\$ 6,062,376.85	\$ 6,062,376.85	\$ 28,354.40	\$ 6,090,731.25	\$ (256,015.82)	\$ 5,806,361.03		
31	Jul-11	\$ 6,090,731.25	\$ 908,165.90	\$ 701,651.11	\$ -	\$ (997,171.98)	\$ 612,645.03	\$ 6,703,376.28	\$ 6,703,376.28	\$ 31,238.95	\$ 6,734,615.22	\$ (306,322.51)	\$ 6,397,053.76		
32	Aug-11	\$ 6,734,615.22	\$ 1,132,408.29	\$ 729,498.58	\$ -	\$ (1,178,681.65)	\$ 683,225.22	\$ 7,417,840.44	\$ 7,417,840.44	\$ 34,555.58	\$ 7,452,396.02	\$ (341,612.61)	\$ 7,076,227.83		
33	Sep-11	\$ 7,452,396.02	\$ 1,009,362.55	\$ 761,406.71	\$ -	\$ (867,003.54)	\$ 903,765.72	\$ 8,356,161.74	\$ 8,356,161.74	\$ 38,599.23	\$ 8,394,760.97	\$ (451,882.86)	\$ 7,904,278.88		
34	Oct-11	\$ 8,394,760.97	\$ 1,092,553.04	\$ 782,093.81	\$ -	\$ (622,445.38)	\$ 1,252,201.46	\$ 9,646,962.43	\$ 9,646,962.43	\$ 44,051.87	\$ 9,691,014.30	\$ (626,100.73)	\$ 9,020,861.70		
35	Nov-11	\$ 9,691,014.30	\$ 1,464,829.37	\$ 969,037.31	\$ -	\$ (1,594,011.00)	\$ 652,429.19	\$ 10,298,437.39	\$ 10,298,437.39	\$ 50,827.73	\$ 10,349,265.12	\$ (67,606.71)	\$ 10,261,658.41		
36	Dec-11	\$ 9,873,882.33	\$ 855,194.85	\$ 850,530.77	\$ -	\$ (1,860,131.86)	\$ (154,406.24)	\$ 9,719,476.09	\$ 9,719,476.09	\$ 47,840.45	\$ 9,767,316.54	\$ 77,203.12	\$ 9,796,679.21		
37	Jan-12	\$ 9,767,316.54	\$ 456,567.89	\$ 875,457.80	\$ -	\$ (2,371,535.77)	\$ (1,039,510.09)	\$ 8,727,806.45	\$ 8,727,806.45	\$ 45,158.93	\$ 8,772,965.37	\$ 519,755.05	\$ 9,247,561.49		
38	Feb-12	\$ 8,772,965.37	\$ 334,256.68	\$ 910,730.68	\$ -	\$ (2,176,126.44)	\$ (931,139.08)	\$ 8,781,826.30	\$ 8,781,826.30	\$ 46,567.78	\$ 8,829,394.08	\$ 465,569.54	\$ 8,307,395.83		
39	Mar-12	\$ 7,882,394.08	\$ 1,081,117.35	\$ 939,035.09	\$ -	\$ (1,877,611.10)	\$ 142,541.34	\$ 8,024,935.42	\$ 8,024,935.42	\$ 38,840.40	\$ 8,063,775.81	\$ (71,270.67)	\$ 7,953,664.75		
40	Apr-12	\$ 8,063,775.81	\$ 1,012,335.51	\$ 964,101.63	\$ -	\$ (1,385,560.39)	\$ 590,876.75	\$ 8,654,652.56	\$ 8,654,652.56	\$ 40,820.83	\$ 8,695,473.39	\$ (295,438.38)	\$ 8,359,214.19		
41	May-12	\$ 8,695,473.39	\$ 783,783.59	\$ 965,059.43	\$ -	\$ (1,406,115.47)	\$ 342,727.55	\$ 9,038,200.95	\$ 9,038,200.95	\$ 43,299.72	\$ 9,081,500.67	\$ (171,363.78)	\$ 8,866,837.17		
42	Jun-12	\$ 9,081,500.67	\$ 649,655.54	\$ 978,332.68	\$ -	\$ (1,773,913.17)	\$ (145,924.94)	\$ 8,935,575.73	\$ 8,935,575.73	\$ 43,991.69	\$ 8,979,567.42	\$ 72,962.47	\$ 9,008,538.20		
43	Jul-12	\$ 8,979,567.42	\$ 699,965.57	\$ 985,287.12	\$ -	\$ (2,852,150.09)	\$ (1,166,896.40)	\$ 7,812,671.02	\$ 7,812,671.02	\$ 41,001.05	\$ 7,853,672.07	\$ 583,448.20	\$ 8,396,119.22		
44	Aug-12	\$ 7,853,672.07	\$ 592,699.64	\$ 994,250.90	\$ -	\$ (2,761,659.05)	\$ (1,174,708.50)	\$ 6,678,963.56	\$ 6,678,963.56	\$ 35,483.85	\$ 6,714,447.42	\$ 587,354.25	\$ 7,266,317.82		
45	Sep-12	\$ 6,714,447.42	\$ 546,130.54	\$ 1,001,308.36	\$ -	\$ (2,224,469.97)	\$ (677,031.07)	\$ 6,037,416.35	\$ 6,037,416.35	\$ 31,135.80	\$ 6,068,552.15	\$ 338,515.53	\$ 6,375,931.88		
46	Oct-12	\$ 6,068,552.15	\$ 575,720.42	\$ 1,011,413.82	\$ -	\$ (1,552,106.42)	\$ 35,027.82	\$ 6,103,579.97	\$ 6,103,579.97	\$ 29,720.29	\$ 6,133,300.26	\$ (17,513.91)	\$ 6,086,066.06		
47	Nov-12	\$ 6,133,300.26	\$ 569,295.52	\$ 1,020,077.11	\$ -	\$ (1,956,349.41)	\$ (366,976.78)	\$ 5,766,323.47	\$ 5,766,323.47	\$ 29,054.91	\$ 5,795,378.39	\$ 183,488.39	\$ 5,949,811.87		
48	Dec-12	\$ 5,795,378.39	\$ 930,867.71	\$ 1,023,094.57	\$ -	\$ (2,137,988.92)	\$ (184,026.64)	\$ 5,611,351.75	\$ 5,611,351.75	\$ 27,851.43	\$ 5,639,203.18	\$ 92,013.32	\$ 5,703,365.07		
49	Jan-13	\$ 5,639,203.18	\$ 398,889.27	\$ 1,030,686.49	\$ -	\$ (2,909,508.16)	\$ (1,479,932.40)	\$ 4,159,270.78	\$ 4,159,270.78	\$ 23,924.61	\$ 4,183,195.39	\$ 739,966.20	\$ 4,899,236.98		
50	Feb-13	\$ 4,183,195.39	\$ 469,902.08	\$ 1,041,300.57	\$ -	\$ (2,789,515.89)	\$ (1,278,313.23)	\$ 2,904,882.16	\$ 2,904,882.16	\$ 17,306.72	\$ 2,922,188.88	\$ 639,156.61	\$ 3,544,038.78		
51	Mar-13	\$ 2,922,188.88	\$ 675,021.07	\$ 1,055,196.12	\$ -	\$ (2,422,381.98)	\$ (692,164.79)	\$ 2,230,024.10	\$ 2,230,024.10	\$ 12,579.99	\$ 2,242,604.08	\$ 346,082.39	\$ 2,576,106.49		
52	Apr-13	\$ 2,242,604.08	\$ 652,049.46	\$ 905,006.89	\$ -	\$ (2,184,550.97)	\$ (627,494.61)	\$ 1,625,109.47	\$ 1,625,109.47	\$ 9,419.25	\$ 1,624,528.72	\$ 313,747.31	\$ 1,928,856.78		
53	May-13	\$ 1,624,528.72	\$ 652,647.22	\$ 917,122.00	\$ -	\$ (1,724,516.66)	\$ (154,747.44)	\$ 1,469,781.28	\$ 1,469,781.28	\$ 7,555.27	\$ 1,477,336.55	\$ 77,373.72	\$ 1,547,155.00		
54	Jun-13	\$ 1,477,336.55	\$ 549,274.98	\$ <											

AES Ohio
Case No. 21-0560-EL-POR
Calculation of Residential Carrying Costs
January 2009 - Current

Data: Actual and Forecasted
Type of Filing: Original
Work Paper Reference No(s): WPB-1, WPB-2

WPB-3

Page 2 of 2

		MONTHLY ACTIVITY										CARRYING COST CALCULATION			
Line	Period	First of Month Balance	CCEM Charges	Lost Revenue	Shared Savings	Amount Collected (CR)	NET AMOUNT (H)	End of Month before Carrying Cost	Carrying Cost 4.800%	End of Month Balance	Less: One-half Monthly Amount	Total Applicable to Carrying Cost			
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H) = (D) + (E) + (F)	(I) = (C) + (H)	(J) = (M) * (CODR / 12)	(K) = (I) - (J)	(L) = (H) * 0.5	(M) = (K) + (L)			
61	Jan-14	\$ (1,804,958.70)	\$ 271,199.13	\$ 977,873.50	\$ -	\$ (3,343,828.40)	\$ (2,094,755.77)	\$ (3,899,714.46)	\$ (1,749.25)	\$ (3,911,463.71)	\$ 1,047,377.88	\$ (2,852,336.58)			
62	Feb-14	\$ (3,911,463.71)	\$ 179,226.44	\$ 986,200.30	\$ -	\$ (3,306,767.09)	\$ (1,601,340.34)	\$ (5,512,804.05)	\$ (19,410.06)	\$ (5,532,214.12)	\$ 800,670.17	\$ (4,731,133.88)			
63	Mar-14	\$ (5,532,214.12)	\$ 739,174.64	\$ 997,264.84	\$ 348,608.78	\$ (2,363,593.80)	\$ (278,545.53)	\$ (5,810,759.65)	\$ (23,361.80)	\$ (5,834,121.45)	\$ 139,272.77	\$ (5,671,486.88)			
64	Apr-14	\$ (5,834,121.45)	\$ 895,328.95	\$ 1,020,115.24	\$ 348,608.78	\$ (1,859,709.71)	\$ (404,343.26)	\$ (6,239,778.19)	\$ (23,198.94)	\$ (6,252,977.13)	\$ (202,171.63)	\$ (5,631,949.82)			
65	May-14	\$ (5,452,977.13)	\$ 731,185.26	\$ 1,043,190.97	\$ 348,608.78	\$ (1,477,522.33)	\$ 645,462.68	\$ (4,807,514.45)	\$ (21,132.34)	\$ (4,828,646.78)	\$ (322,731.34)	\$ (5,130,245.79)			
66	Jun-14	\$ (4,828,646.78)	\$ 1,054,144.50	\$ 1,071,651.36	\$ 348,608.78	\$ (1,713,429.14)	\$ 760,975.50	\$ (4,067,671.28)	\$ (18,322.71)	\$ (4,085,993.99)	\$ (380,487.75)	\$ (4,448,159.03)			
67	Jul-14	\$ (4,085,993.99)	\$ 1,054,201.97	\$ 1,082,668.06	\$ 348,608.78	\$ (2,053,948.63)	\$ 431,529.38	\$ (3,654,404.61)	\$ (15,942.12)	\$ (3,670,406.73)	\$ (215,764.69)	\$ (3,870,229.30)			
68	Aug-14	\$ (3,670,406.73)	\$ 631,126.09	\$ 1,096,477.26	\$ 348,608.78	\$ (1,876,427.34)	\$ 199,784.79	\$ (3,470,621.94)	\$ (14,707.54)	\$ (3,485,329.49)	\$ (99,892.39)	\$ (3,570,514.34)			
69	Sep-14	\$ (3,485,329.49)	\$ 625,046.89	\$ 1,110,553.05	\$ 261,456.59	\$ (1,995,036.80)	\$ 2,019.73	\$ (3,483,309.76)	\$ (14,352.49)	\$ (3,497,662.25)	\$ (1,009.86)	\$ (3,484,319.62)			
70	Oct-14	\$ (3,497,662.25)	\$ 927,616.11	\$ 1,119,971.67	\$ 261,456.59	\$ (1,450,446.77)	\$ 858,597.59	\$ (2,639,064.66)	\$ (12,639.10)	\$ (2,651,703.76)	\$ (429,298.79)	\$ (3,068,363.46)			
71	Nov-14	\$ (2,651,703.76)	\$ 382,458.95	\$ 1,122,610.85	\$ 261,456.59	\$ (1,621,604.41)	\$ 144,921.97	\$ (2,506,781.79)	\$ (10,624.33)	\$ (2,517,406.13)	\$ (72,460.98)	\$ (2,579,242.78)			
72	Dec-14	\$ (2,517,406.13)	\$ 755,415.37	\$ 1,124,551.11	\$ 156,749.54	\$ (2,210,190.02)	\$ (173,474.00)	\$ (2,690,880.12)	\$ (10,726.90)	\$ (2,701,607.02)	\$ 86,737.00	\$ (2,604,143.12)			
73	Jan-15	\$ (2,701,607.02)	\$ 391,747.71	\$ 1,152,880.09	\$ 156,749.54	\$ (2,774,802.85)	\$ (1,073,424.85)	\$ (3,775,031.88)	\$ (13,339.18)	\$ (3,788,371.06)	\$ 536,712.43	\$ (3,238,519.45)			
74	Feb-15	\$ (3,788,371.06)	\$ 695,045.92	\$ 1,153,818.96	\$ 156,749.54	\$ (2,597,292.96)	\$ (583,675.14)	\$ (4,372,046.20)	\$ (16,807.06)	\$ (4,388,853.26)	\$ 291,837.57	\$ (4,096,985.32)			
75	Mar-15	\$ (4,388,853.26)	\$ 1,278,163.01	\$ 1,174,425.43	\$ 156,749.54	\$ (2,515,131.03)	\$ 94,206.94	\$ (4,294,646.32)	\$ (17,884.39)	\$ (4,312,530.71)	\$ (437,103.47)	\$ (4,341,749.79)			
76	Apr-15	\$ (4,312,530.71)	\$ 285,148.26	\$ 1,183,704.55	\$ 156,749.54	\$ (1,774,412.98)	\$ (148,810.63)	\$ (4,461,341.34)	\$ (18,070.52)	\$ (4,479,411.86)	\$ 74,405.31	\$ (4,386,936.02)			
77	May-15	\$ (4,479,411.86)	\$ 998,352.39	\$ 1,198,233.79	\$ 156,749.54	\$ (1,437,347.61)	\$ 195,988.11	\$ (3,563,423.75)	\$ (16,564.89)	\$ (3,579,988.64)	\$ (457,994.06)	\$ (4,021,417.80)			
78	Jun-15	\$ (3,579,988.64)	\$ 805,147.63	\$ 1,209,754.39	\$ 156,749.54	\$ (1,741,483.02)	\$ 430,168.54	\$ (3,149,820.10)	\$ (13,860.60)	\$ (3,163,680.71)	\$ (215,084.27)	\$ (3,364,904.37)			
79	Jul-15	\$ (3,163,680.71)	\$ 642,423.79	\$ 1,220,769.03	\$ 156,749.54	\$ (2,039,302.59)	\$ (19,360.24)	\$ (3,183,040.94)	\$ (13,071.60)	\$ (3,196,112.55)	\$ 9,680.12	\$ (3,173,360.94)			
80	Aug-15	\$ (3,196,112.55)	\$ 473,754.87	\$ 1,230,061.98	\$ 156,749.54	\$ (2,171,441.67)	\$ (310,875.28)	\$ (3,506,987.82)	\$ (13,805.59)	\$ (3,520,793.42)	\$ 155,437.64	\$ (3,351,550.19)			
81	Sep-15	\$ (3,520,793.42)	\$ 599,997.76	\$ 1,238,018.80	\$ 156,749.54	\$ (1,936,897.58)	\$ (1,936,897.58)	\$ (3,463,695.16)	\$ (13,629.75)	\$ (3,477,324.91)	\$ (221,931.76)	\$ (3,255,055.71)			
82	Oct-15	\$ (3,463,695.16)	\$ 769,984.72	\$ 1,327,817.17	\$ 34,986.82	\$ (1,500,570.37)	\$ (79,941.31)	\$ (3,196,509.97)	\$ (19,671.75)	\$ (3,216,181.72)	\$ (200,357.66)	\$ (3,015,824.06)			
83	Nov-15	\$ (3,203,478.53)	\$ 860,823.38	\$ -	\$ 156,749.54	\$ (1,416,865.25)	\$ (453,292.44)	\$ (3,656,770.97)	\$ (14,129.26)	\$ (3,670,900.22)	\$ 226,646.22	\$ (3,430,124.75)			
84	Dec-15	\$ (3,670,900.22)	\$ 270,039.65	\$ -	\$ 156,749.54	\$ (1,850,372.63)	\$ (1,423,583.45)	\$ (5,094,483.67)	\$ (18,053.04)	\$ (5,112,536.71)	\$ 171,791.72	\$ (4,882,691.95)			
85	Jan-16	\$ (5,112,536.71)	\$ 496,052.82	\$ 1,279,527.78	\$ 181,287.38	\$ (2,397,526.30)	\$ (440,658.32)	\$ (5,553,195.03)	\$ (21,966.96)	\$ (5,575,162.00)	\$ 220,329.16	\$ (5,332,865.87)			
86	Feb-16	\$ (5,575,162.00)	\$ 800,050.26	\$ 1,289,730.94	\$ 181,287.38	\$ (2,383,599.14)	\$ (122,530.57)	\$ (5,697,692.57)	\$ (23,196.79)	\$ (5,710,889.35)	\$ 56,265.28	\$ (5,631,427.28)			
87	Mar-16	\$ (5,710,889.35)	\$ 761,676.53	\$ 1,301,521.57	\$ 181,287.38	\$ (2,047,537.17)	\$ 196,948.30	\$ (5,513,941.05)	\$ (23,118.47)	\$ (5,537,059.52)	\$ (98,474.15)	\$ (5,612,415.20)			
88	Apr-16	\$ (5,537,059.52)	\$ 744,279.95	\$ 1,311,909.53	\$ 181,287.38	\$ (1,673,669.23)	\$ 564,687.62	\$ (4,973,059.80)	\$ (16,646.45)	\$ (4,994,698.35)	\$ (282,003.81)	\$ (5,255,055.71)			
89	May-16	\$ (4,994,698.35)	\$ 729,985.15	\$ 1,327,817.17	\$ 181,287.38	\$ (1,377,527.07)	\$ 401,179.29	\$ (4,592,507.97)	\$ (13,957.55)	\$ (4,606,465.52)	\$ (200,357.66)	\$ (4,386,498.34)			
90	Jun-16	\$ (4,613,274.81)	\$ 913,084.79	\$ 1,336,184.74	\$ 181,287.38	\$ (1,846,645.43)	\$ 583,911.42	\$ (4,028,363.32)	\$ (17,800.23)	\$ (4,046,163.56)	\$ (291,955.74)	\$ (4,321,319.07)			
91	Jul-16	\$ (4,047,163.56)	\$ 961,455.81	\$ 1,343,943.52	\$ 181,287.38	\$ (2,142,914.17)	\$ 373,727.54	\$ (3,703,301.92)	\$ (15,962.91)	\$ (3,719,353.93)	\$ (171,886.27)	\$ (3,875,277.29)			
92	Aug-16	\$ (3,719,353.93)	\$ 107,984.93	\$ 1,350,237.87	\$ 181,287.38	\$ (2,558,142.90)	\$ (918,632.72)	\$ (4,637,986.65)	\$ (17,212.64)	\$ (4,655,199.29)	\$ 459,316.36	\$ (4,178,670.29)			
93	Sep-16	\$ (4,655,199.29)	\$ 949,906.64	\$ 1,357,289.88	\$ 181,287.38	\$ (2,350,792.68)	\$ 137,691.21	\$ (4,517,508.08)	\$ (18,891.96)	\$ (4,536,400.03)	\$ (86,845.61)	\$ (4,586,353.69)			
94	Oct-16	\$ (4,536,400.03)	\$ 321,085.48	\$ 1,364,932.05	\$ 181,287.38	\$ (1,581,314.10)	\$ 285,990.40	\$ (4,250,409.22)	\$ (18,097.17)	\$ (4,268,506.39)	\$ (142,995.41)	\$ (4,393,044.63)			
95	Nov-16	\$ (4,268,506.39)	\$ 504,707.85	\$ 1,369,659.01	\$ 181,287.38	\$ (1,425,397.83)	\$ 331,551.83	\$ (3,936,249.98)	\$ (16,284.62)	\$ (3,952,534.60)	\$ (315,128.20)	\$ (3,595,378.20)			
96	Dec-16	\$ (3,952,534.60)	\$ 629,440.20	\$ 1,372,053.80	\$ 181,287.38	\$ (1,383,491.37)	\$ 532,190.52	\$ (3,423,244.08)	\$ (13,957.55)	\$ (3,437,201.63)	\$ (266,095.26)	\$ (3,186,498.34)			
97	Jan-17	\$ (3,136,301.63)	\$ 651,907.35	\$ 1,391,635.18	\$ 181,287.38	\$ (2,661,435.96)	\$ (456,611.06)	\$ (3,572,912.68)	\$ (13,818.19)	\$ (3,586,730.87)	\$ 218,305.53	\$ (3,354,607.15)			
98	Feb-17	\$ (3,586,730.87)	\$ 480,735.39	\$ 1,404,365.70	\$ 181,287.38	\$ (2,122,273.59)	\$ (385,885.13)	\$ (3,642,615.99)	\$ (14,889.44)	\$ (3,657,505.44)	\$ 27,942.56	\$ (3,614,673.43)			
99	Mar-17	\$ (3,657,505.44)	\$ 720,834.47	\$ 1,414,063.04	\$ 181,287.38	\$ (1,948,520.33)	\$ 367,664.55	\$ (3,289,840.88)	\$ (14,308.64)	\$ (3,304,149.52)	\$ (183,832.28)	\$ (3,473,673.16)			
100	Apr-17	\$ (3,304,149.52)	\$ 600,641.21	\$ 1,424,929.38	\$ 181,287.38	\$ (1,635,828.34)	\$ 571,029.63	\$ (2,735,119.89)	\$ (12,434.26)	\$ (2,747,554.15)	\$ (285,514.82)	\$ (3,018,634.70)			
101	May-17	\$ (2,745,554.15)	\$ 537,291.68	\$ 1,440,937.32	\$ 181,287.38	\$ (1,390,820.89)	\$ 768,695.48	\$ (1,976,858.67)	\$ (9,726.20)	\$ (1,986,584.87)	\$ (384,347.74)	\$ (2,361,206.41)			
102	Jun-17	\$ (1,986,584.87)	\$ 540,748.28	\$ 1,450,579.34	\$ 181,287.38	\$ (1,845,095.17)	\$ 371,511.83	\$ (1,615,070.04)	\$ (7,471.91)	\$ (1,622,490.95)	\$ (185,755.91)	\$ (1,800,828.96)			
103	Jul-17	\$ (1,622,490.95)	\$ 639,940.20	\$ 1,460,487.30	\$ 181,287.38	\$ (1,201,780.06)	\$ 419,249.32	\$ (1,208,530.92)	\$ (9,988.35)	\$ (1,218,519.27)	\$ (209,449.68)	\$ (1,009,069.59)			
104	Aug-17	\$ (1,208,510.92)	\$ 547,672.27	\$ 1,468,930.58	\$ 181,287.38	\$ (2,181,411.88)	\$ 16,482.35	\$ (1,192,328.57)	\$ (4,945.35)	\$ (1,197,273.92)	\$ (8,241.18)	\$ (1,200,569.74)			
105	Sep-17	\$ (1,197,273.92)	\$ 1,040,647.65	\$ 1,477,591.82	\$ 181,287.38	\$ (1,815,564.98)	\$ 883,961.87	\$ (313,312.04)	\$ (3,111.18)	\$ (316,423.22)	\$ (441,980.94)	\$ (755,292.87)			
106	Oct-17	\$ (316,423.22)	\$ 502,255.80	\$ 1,481,247.94	\$ 181,287.38	\$ (1,577,770.42)	\$ 587,020.69	\$ 270,597.47	\$ (94.38)	\$ 270,503.09	\$ (293,510.35)	\$ (22,912.87)			
107	Nov-17	\$ 270,503.09	\$ 650,639.77	\$ -	\$ 181,287.38	\$ (763,201.70)	\$ 68,725.45	\$ 339,228.54	\$ 1,255.79	\$ 340,484.34	\$ (34,362.73)	\$ 304,865.82			
108	Dec-17	\$ 340,484.34	\$ 423,146.30	\$ -	\$ 181,287.38	\$ (1,031,991.08)	\$ (427,557.40)	\$ (87,073.06)	\$ 521.92	\$ (86,551.14)	\$ 213,778.70	\$ 126,705.64			
109	Jan-18	\$ (86,551.14)	\$ 1,057,358.81	\$ -	\$ 181,287.38	\$ (1,499,292.27)	\$ (260,648.08)	\$ (1,477,199.22)	\$ (7,471.91)	\$ (1,484,671.13)	\$ 130,324.04	\$ (1,354,765.18)			
110	Feb-18	\$ (1,484,671.13)	\$ 755,615.92	\$ -	\$ 181,287.38	\$ (1,267,583.58)	\$ (764,655.22)	\$ (1,127,757.79)	\$ (3,008.74)	\$ (1,115,766.53)	\$ 382,332.31	\$ (730,425.18)			
111	Mar-18	\$ (1,115,766.53)	\$ 457,815.06	\$ 1,451,805.44	\$ 181,287.38	\$ (1,021,520.87)	\$ (373,418.43)	\$ (1,489,194.96)	\$ (5,365.11)	\$ (1,494,560.07)	\$ 186,709.21	\$ (1,302,475.75)			
112	Apr-18	\$ (1,494,560.07)	\$ 728,054.04	\$ 1,460,487.30	\$ 181,287.38	\$ (969,243.91)	\$ (59,906.09)	\$ (1,554,456.16)	\$ (6,279.68)	\$ (1,560,735.84)	\$ 29,953.04	\$ (1,524,030.53)			
113	May-18	\$ (1,560,735.84)	\$ 1,201,465.54	\$ -	\$ 181,287.38	\$ (816,384.80)	\$ 566,368.12	\$ (994,367.73)	\$ (5,262.45)	\$ (999,630.18)	\$ (283,184.06)	\$ (1,277,551.94)			
114	Jun-18	\$ (999,630.18)	\$ 633,588.97	\$ -	\$ 181,287.38	\$ (1,040,920.32)	\$ (190,043.97)	\$ (1,189,974.31)	\$ (4,509.05)	\$ (1,194,183.20)	\$ 95,021.98	\$ (1,094,652.16)			
115	Jul-18	\$ (1,194,183.20)	\$ 596,140.37	\$ -	\$ 181,287.38	\$ (1,177,656.68)	\$ (400,238.93)	\$ (1,594,412.13)	\$ (5,743.34)	\$					

Data: Actual and Forecasted
Type of Filing: Original
Work Paper Reference No(s).: WPB-1, WPB-2

MONTHLY ACTIVITY												CARRYING COST CALCULATION			
Line	Period	First of Month Balance (C)	CCEM Charges (D)	Lost Revenue (E)	Shared Savings (F)	Amount Collected (G)	NET AMOUNT (H)	End of Month before Carrying Cost (I) = (C) + (H)	Carrying Cost 5.86% (J) = (M) * (CODN / 12)	End of Month Balance (K)	Less:		Total Applicable to Carrying Cost (M)		
											One-half Monthly Amount (L) = (H) + (J) / 2	Applicable to Carrying Cost (M)			
1	Jan-09	\$	\$	48,453.23	\$	43.70	(H) = (D) thru (G)	(I) = (C) + (H)	(J) = (M) * (CODN / 12)	(K) = (I) + (J)	\$	(L) = (H) + (J) / 2	(M) = (L) + (I)		
2	Feb-09	\$	48,613.34	66,237.43	\$	194.93	\$ -	66,532.36	115,145.70	399.84	115,545.54	\$	124,347.46	\$ 2,247.46	
3	Mar-09	\$	115,545.54	183,416.43	\$	1,286.41	\$ -	184,702.84	300,248.38	1,015.23	301,263.61	\$	92,351.42	\$ 207,896.96	
4	Apr-09	\$	301,263.61	255,169.97	\$	2,602.13	\$ -	257,772.10	559,035.71	2,100.56	561,136.28	\$	(128,886.05)	\$ 430,149.66	
5	May-09	\$	561,136.28	45,456.31	\$	4,582.53	\$ -	50,038.84	611,175.11	2,862.39	614,037.51	\$	(25,019.42)	\$ 586,155.55	
6	Jun-09	\$	614,037.51	185,766.41	\$	6,139.41	\$ -	191,905.82	805,943.32	3,467.12	809,410.44	\$	(95,952.91)	\$ 709,990.41	
7	Jul-09	\$	809,410.44	158,862.77	\$	10,940.11	\$ -	174,146.41	2,656.47	4,007.94	836,076.86	\$	(11,328.24)	\$ 824,738.62	
8	Aug-09	\$	836,076.86	224,666.62	\$	15,828.93	\$ (335,920.81)	(95,425.26)	740,649.60	3,849.84	744,499.44	\$	47,712.63	\$ 788,362.23	
9	Sep-09	\$	744,499.44	284,252.69	\$	18,489.16	\$ (342,426.91)	(39,675.06)	704,824.37	3,538.77	708,363.14	\$	19,837.53	\$ 724,601.90	
10	Oct-09	\$	708,363.14	83,730.82	\$	21,080.52	\$ (315,538.30)	(49,736.18)	654,338.19	2,944.38	657,282.57	\$	105,418.48	\$ 604,466.66	
11	Nov-09	\$	500,470.85	198,974.72	\$	23,196.69	\$ (297,205.96)	(75,214.55)	425,236.01	2,260.32	427,516.32	\$	37,607.28	\$ 462,833.28	
12	Dec-09	\$	427,516.32	363,830.71	\$	27,761.18	\$ (296,864.01)	(94,227.88)	321,744.20	2,317.78	324,061.98	\$	47,113.94	\$ 474,300.26	
13	Jan-10	\$	324,061.98	150,015.22	\$	31,037.86	\$ (365,983.61)	(184,930.52)	339,131.46	2,107.63	341,239.09	\$	92,465.26	\$ 431,596.72	
14	Feb-10	\$	341,239.09	216,241.22	\$	31,745.81	\$ (414,639.03)	(166,651.99)	174,587.10	1,259.48	175,846.57	\$	83,326.00	\$ 257,913.09	
15	Mar-10	\$	175,846.57	270,688.40	\$	34,743.99	\$ (405,050.94)	(99,618.56)	76,228.02	615.48	76,843.50	\$	48,099.28	\$ 126,037.29	
16	Apr-10	\$	76,843.50	584,564.84	\$	36,717.35	\$ (414,121.26)	(207,160.94)	284,004.44	881.07	284,885.51	\$	(103,580.47)	\$ 180,423.97	
17	May-10	\$	284,885.51	128,794.22	\$	44,644.13	\$ (403,663.51)	(320,225.15)	54,660.36	829.06	55,489.41	\$	115,112.58	\$ 169,772.93	
18	Jun-10	\$	55,489.41	344,510.89	\$	45,332.77	\$ (453,404.91)	(63,561.25)	(8,071.84)	115.78	(7,956.06)	\$	31,780.63	\$ 23,708.79	
19	Jul-10	\$	(7,956.06)	275,778.63	\$	48,574.67	\$ (477,381.78)	(197,028.48)	(228,884.55)	(510.16)	(201,494.71)	\$	96,514.24	\$ 14,970.30	
20	Aug-10	\$	(201,494.71)	164,558.56	\$	36,309.11	\$ (402,281.24)	(71,954.83)	(374,449.54)	(1,647.99)	(675,097.53)	\$	135,977.92	\$ (37,472.12)	
21	Sep-10	\$	(675,097.53)	239,259.80	\$	53,900.80	\$ (491,987.93)	(198,827.33)	(673,924.86)	(2,805.53)	(676,730.38)	\$	99,413.46	\$ (574,511.19)	
22	Oct-10	\$	(676,730.38)	166,927.88	\$	60,034.54	\$ (421,041.33)	(194,078.90)	(870,809.29)	(3,778.58)	(874,587.86)	\$	97,039.45	\$ (773,769.84)	
23	Nov-10	\$	(874,587.86)	196,035.64	\$	62,254.53	\$ (414,266.12)	(155,975.95)	(1,030,563.82)	(4,651.75)	(1,035,215.56)	\$	77,987.98	\$ (952,575.84)	
24	Dec-10	\$	(1,035,215.56)	331,712.61	\$	69,156.52	\$ (403,444.82)	(2,575.69)	(1,037,791.25)	(6,061.59)	(1,042,852.85)	\$	1,287.85	\$ (1,036,503.41)	
25	Jan-11	\$	(1,042,852.85)	613,208.30	\$	73,981.87	\$ (436,209.38)	(250,490.79)	(792,362.05)	(4,480.98)	(796,843.04)	\$	(125,245.40)	\$ (917,607.45)	
26	Feb-11	\$	(796,843.04)	279,878.01	\$	82,883.02	\$ (417,449.15)	(54,688.12)	(851,531.15)	(4,024.78)	(855,555.93)	\$	27,344.06	\$ (824,187.09)	
27	Mar-11	\$	(855,555.93)	816,481.12	\$	85,550.66	\$ (1,001,846.31)	(500,185.47)	(355,370.47)	(2,956.68)	(358,327.14)	\$	(200,027.73)	\$ (558,463.20)	
28	Apr-11	\$	(358,327.14)	420,005.88	\$	83,335.20	\$ (408,041.36)	(621,071.42)	(3,299,316.48)	(6,230,619.68)	(6,230,619.68)	\$	(1,389,657.88)	\$ (4,840,961.80)	
29	May-11	\$	(6,230,619.68)	362,007.89	\$	86,309.11	\$ (998,239.25)	(50,167.19)	(5,731,251.50)	(2,197.87)	(5,729,053.63)	\$	(25,083.59)	\$ (5,698,535.09)	
30	Jun-11	\$	(5,729,053.63)	240,955.62	\$	84,625.48	\$ (445,240.56)	(119,668.46)	(695,841.82)	(3,105.84)	(698,947.66)	\$	59,834.23	\$ (636,007.59)	
31	Jul-11	\$	(698,947.66)	487,313.10	\$	85,678.10	\$ (461,308.13)	(111,683.08)	(587,264.58)	(3,140.50)	(590,405.09)	\$	(55,841.54)	\$ (534,563.54)	
32	Aug-11	\$	(590,405.09)	239,751.71	\$	87,071.75	\$ (515,310.18)	(188,522.72)	(778,927.81)	(3,343.45)	(782,271.26)	\$	94,261.36	\$ (686,666.45)	
33	Sep-11	\$	(782,271.26)	494,796.45	\$	96,287.67	\$ (465,313.15)	(125,770.97)	(656,500.29)	(3,513.00)	(660,013.29)	\$	(62,885.49)	\$ (719,385.77)	
34	Oct-11	\$	(660,013.29)	284,347.36	\$	99,123.83	\$ (419,391.97)	(35,920.78)	(695,934.07)	(3,310.77)	(699,244.84)	\$	17,960.39	\$ (677,973.68)	
35	Nov-11	\$	(699,244.84)	61,852.09	\$	104,369.95	\$ (617,575.53)	(51,353.50)	(750,598.34)	(3,540.03)	(754,138.37)	\$	25,676.75	\$ (724,921.59)	
36	Dec-11	\$	(754,138.37)	1,515,544.32	\$	110,703.73	\$ (1,683,395.23)	1,007,852.85	253,714.84	(1,221.87)	252,492.61	\$	(503,926.42)	\$ (250,121.95)	
37	Jan-12	\$	252,492.61	524,774.52	\$	120,895.66	\$ (650,741.62)	(5,071.44)	247,421.17	1,220.62	248,641.79	\$	2,535.72	\$ 246,956.89	
38	Feb-12	\$	248,641.79	524,419.94	\$	127,481.46	\$ (652,922.18)	(9,021,618.66)	(1,000,618.66)	(1,240.83)	247,400.93	\$	2,409.87	\$ 244,990.80	
39	Mar-12	\$	240,810.83	491,860.81	\$	129,783.89	\$ (632,745.33)	(11,100.63)	229,710.20	1,148.86	230,859.06	\$	5,550.32	\$ 235,550.32	
40	Apr-12	\$	230,859.06	406,992.22	\$	127,644.30	\$ (629,713.86)	(95,077.34)	135,781.72	895.21	136,676.93	\$	47,538.67	\$ 138,320.39	
41	May-12	\$	136,676.93	681,804.30	\$	133,777.77	\$ (632,250.88)	(183,311.19)	320,008.12	1,115.07	321,123.19	\$	(91,665.59)	\$ 228,342.53	
42	Jun-12	\$	321,123.19	739,137.41	\$	130,688.69	\$ (703,672.26)	166,153.84	487,277.03	1,973.84	489,250.87	\$	(83,076.92)	\$ 404,200.11	
43	Jul-12	\$	489,250.87	1,038,042.67	\$	136,133.98	\$ (710,312.58)	463,863.47	953,134.15	3,521.78	956,636.12	\$	(231,931.74)	\$ 721,182.61	
44	Aug-12	\$	956,636.12	589,274.69	\$	133,866.03	\$ (738,358.57)	(15,217.85)	941,418.28	4,634.42	946,052.69	\$	7,608.92	\$ 949,020.29	
45	Sep-12	\$	946,052.69	1,131,416.52	\$	140,893.07	\$ (867,596.40)	584,713.19	1,530,765.88	7,047.57	1,537,813.44	\$	(292,356.59)	\$ 1,239,490.29	
46	Oct-12	\$	1,537,813.44	588,596.36	\$	151,775.32	\$ (625,975.35)	(107,396.94)	1,644,210.38	6,767.00	1,650,977.38	\$	(33,698.47)	\$ 1,595,511.91	
47	Nov-12	\$	1,650,977.38	710,913.61	\$	159,800.91	\$ (616,016.66)	245,586.66	1,889,797.04	8,448.88	1,898,245.92	\$	(17,794.18)	\$ 1,874,971.74	
48	Dec-12	\$	1,898,245.92	504,163.44	\$	156,740.06	\$ (573,829.99)	123,073.52	2,029,306.06	9,609.27	2,038,915.33	\$	(61,536.76)	\$ 1,967,769.30	
49	Jan-13	\$	2,038,915.33	824,486.39	\$	188,681.34	\$ (614,060.92)	399,106.12	2,428,032.14	10,931.19	2,438,963.34	\$	(199,534.11)	\$ 2,238,468.74	
50	Feb-13	\$	2,448,953.33	634,459.83	\$	185,408.88	\$ (635,658.61)	184,649.30	2,633,602.63	12,409.91	2,646,012.54	\$	(92,324.65)	\$ 2,541,277.98	
51	Mar-13	\$	2,646,012.54	1,174,944.78	\$	202,212.23	\$ (569,727.32)	807,429.70	3,453,442.24	14,892.84	3,468,335.07	\$	(403,714.85)	\$ 3,049,723.39	
52	Apr-13	\$	3,468,335.07	361,514.56	\$	212,235.28	\$ (611,526.76)	(37,776.92)	3,430,558.16	16,844.80	3,447,402.95	\$	18,888.46	\$ 3,449,446.61	
53	May-13	\$	3,447,402.95	447,042.07	\$	216,338.48	\$ (613,087.58)	50,292.97	3,497,695.92	16,957.62	3,514,653.54	\$	(25,146.48)	\$ 3,472,549.44	
54	Jun-13	\$	3,514,653.54	334,733.15	\$	214,164.98	\$ (645,652.08)	(100,754.94)	3,419,899.59	16,917.22	3,436,816.81	\$	50,376.97	\$ 3,464,276.56	
55	Jul-13	\$	3,436,816.81	426,748.55	\$	213,524.98	\$ (689,889.36)	(45,615.84)	3,385,200.97	16,642.44	3,401,843.41	\$	22,907.92	\$ 3,400,008.89	
56	Aug-13	\$	3,401,843.41	240,094.26	\$	219,609.64	\$ (707,521.76)	(33,581.76)	3,351,784.95	16,448.88	3,368,233.83	\$	33,329.23	\$ 3,334,904.60	
57	Sep-13	\$	3,351,233.56	494,396.25	\$	219,515.47	\$ (689,179.66)	424,730.26	3,775,965.61	17,402.24	3,793,367.86	\$	(212,366.01)	\$ 3,569,599.58	
58	Oct-13	\$	3,793,367.86	565,311.05	\$	224,119.75	\$ (653,925.87)	135,504.93	3,928,872.78	18,855.14	3,947,727.92	\$	(76,754.46)	\$ 3,869,120.32	
59	Nov-13	\$	3,947,727.92	544,529.96	\$	226,968.14	\$ (650,638.14)	566,859.95	4,514,587.87	20,662.15	4,535,250.03	\$	(283,429.98)	\$ 4,231,157.90	
60	Dec-13	\$	4,535,250.03	525,785.56	\$	189,664.37	\$ (583,816.42)	31,633.50	4,666,883.53	22,468.54	4,689,352.07	\$	(65,816.75)	\$ 4,601,166.92	

AES Ohio
Case No. 21-0560-EL-POR
Calculation of Non-Residential Carrying Costs
January 2009 - Current

Data: Actual and Forecasted
Type of Filing: Original
Work Paper Reference No(s): WPB-1, WPB-2

WPB-4
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MONTHLY ACTIVITY													CARRYING COST CALCULATION			
Line	Period	First of Month Balance (C)	CCEM Charges (D)	Lost Revenue (E)	Shared Savings (F)	Amount Collected (G)	NET AMOUNT (H)	End of Month before Carrying Cost (I)	Carrying Cost 4.800% (J)	End of Month Balance (K)	Less:					
											One-half Monthly Amount (L)	Total Applicable to Carrying Cost (M)				
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H) = (D) thru (G)	(I) = (C) + (H)	(J) = (M) * (COD% / 12)	(K)	(L) = (H) * 0.5	(M) = (L) + (I)				
61	Jan-14	\$ 4,689,352.07	\$ 1,006,559.90	\$ 185,218.04		\$ (665,012.52)	\$ 526,765.42	\$ 5,216,117.49	\$ 20,401.14	\$ 5,236,518.63	\$ (263,382.71)	\$ 4,952,734.78				
62	Feb-14	\$ 5,236,518.63	\$ 27,982.65	\$ 187,893.04		\$ (559,382.40)	\$ (430,506.72)	\$ 4,793,011.92	\$ 20,656.65	\$ 4,813,668.57	\$ 221,753.36	\$ 5,014,765.28				
63	Mar-14	\$ 4,813,668.57	\$ 814,127.50	\$ 203,224.46	\$ 429,141.22	\$ (1,993,747.81)	\$ (547,254.63)	\$ 4,266,413.94	\$ 18,701.19	\$ 4,285,115.13	\$ 273,627.32	\$ 4,540,041.26				
64	Apr-14	\$ 4,285,115.13	\$ 409,241.52	\$ 202,964.01	\$ 429,141.22	\$ (1,987,478.67)	\$ (946,151.92)	\$ 3,338,961.21	\$ 15,702.42	\$ 3,354,663.63	\$ 173,075.96	\$ 3,512,039.17				
65	May-14	\$ 3,354,663.63	\$ 983,813.60	\$ 212,837.40	\$ 429,141.22	\$ (1,971,946.13)	\$ (346,153.91)	\$ 3,008,511.72	\$ 13,105.49	\$ 3,021,617.21	\$ 173,076.96	\$ 3,181,588.67				
66	Jun-14	\$ 3,021,617.21	\$ 2,307,931.87	\$ 206,048.28	\$ 429,141.22	\$ (2,179,181.04)	\$ 763,940.33	\$ 3,785,557.54	\$ 14,019.94	\$ 3,799,577.49	\$ (381,970.17)	\$ 3,403,587.38				
67	Jul-14	\$ 3,799,577.49	\$ 843,374.67	\$ 208,070.78	\$ 429,141.22	\$ (2,309,801.06)	\$ (829,214.38)	\$ 2,970,363.10	\$ 13,943.26	\$ 2,984,306.36	\$ 414,607.19	\$ 3,384,970.29				
68	Aug-14	\$ 2,984,306.36	\$ 407,325.47	\$ 209,152.36	\$ 429,141.22	\$ (2,256,240.69)	\$ (1,210,621.64)	\$ 1,773,684.72	\$ 9,799.48	\$ 1,783,484.20	\$ 605,310.82	\$ 2,378,995.02				
69	Sep-14	\$ 1,783,484.20	\$ 556,371.91	\$ 216,762.27	\$ 321,855.91	\$ (2,328,674.20)	\$ (1,233,684.10)	\$ 549,800.11	\$ 4,805.59	\$ 554,605.70	\$ 166,842.05	\$ 1,995,642.15				
70	Oct-14	\$ 554,605.70	\$ 2,327,738.88	\$ 222,658.65	\$ 321,855.91	\$ (2,083,427.55)	\$ 788,825.90	\$ 1,343,431.60	\$ 3,909.17	\$ 1,347,340.76	\$ (394,412.95)	\$ 949,018.65				
71	Nov-14	\$ 1,347,340.76	\$ 710,726.41	\$ 230,498.00	\$ 321,855.91	\$ (2,015,619.61)	\$ (752,539.28)	\$ 594,801.48	\$ 4,000.00	\$ 598,801.49	\$ 376,269.64	\$ 971,071.12				
72	Dec-14	\$ 598,801.49	\$ 991,386.35	\$ 235,804.82	\$ 426,562.96	\$ (1,989,688.44)	\$ (335,934.31)	\$ 262,867.18	\$ 1,774.68	\$ 264,641.86	\$ 167,967.15	\$ 430,834.33				
73	Jan-15	\$ 264,641.86	\$ 1,245,384.99	\$ 243,796.94	\$ 426,562.96	\$ (2,190,234.64)	\$ (274,489.74)	\$ (9,847.89)	\$ 524.77	\$ (9,323.12)	\$ 137,244.87	\$ 127,396.98				
74	Feb-15	\$ (9,323.12)	\$ 83,574.84	\$ 254,521.48	\$ 426,562.96	\$ (2,117,366.92)	\$ (1,352,707.63)	\$ (1,362,030.75)	\$ (2,824.42)	\$ (1,364,855.16)	\$ 676,353.81	\$ (685,676.93)				
75	Mar-15	\$ (1,364,855.16)	\$ 841,660.78	\$ 266,059.77	\$ 426,562.96	\$ (2,062,535.48)	\$ (528,251.97)	\$ (1,893,107.13)	\$ (6,710.04)	\$ (1,899,817.17)	\$ 264,125.98	\$ (1,628,981.15)				
76	Apr-15	\$ (1,899,817.17)	\$ 883,353.36	\$ 261,802.55	\$ 426,562.96	\$ (2,035,140.52)	\$ (463,421.64)	\$ (2,363,238.81)	\$ (8,780.12)	\$ (2,372,018.93)	\$ 231,720.99	\$ (2,131,527.99)				
77	May-15	\$ (2,372,018.93)	\$ 972,181.03	\$ 279,319.68	\$ 426,562.96	\$ (1,988,758.19)	\$ (310,694.52)	\$ (2,682,713.45)	\$ (10,410.64)	\$ (2,693,124.09)	\$ 155,347.26	\$ (2,527,366.19)				
78	Jun-15	\$ (2,693,124.09)	\$ 544,753.03	\$ 268,449.69	\$ 426,562.96	\$ (2,176,475.74)	\$ (936,710.06)	\$ (3,629,834.15)	\$ (13,022.66)	\$ (3,642,856.81)	\$ 448,355.03	\$ (3,161,479.12)				
79	Jul-15	\$ (3,642,856.81)	\$ 904,169.91	\$ 259,172.74	\$ 426,562.96	\$ (2,334,777.93)	\$ (744,872.32)	\$ (4,387,729.13)	\$ (16,539.66)	\$ (4,404,268.79)	\$ 372,436.16	\$ (4,015,292.97)				
80	Aug-15	\$ (4,404,268.79)	\$ 773,805.14	\$ 262,562.70	\$ 426,562.96	\$ (2,368,800.93)	\$ (905,870.13)	\$ (5,300,138.92)	\$ (20,007.63)	\$ (5,320,146.55)	\$ 452,935.06	\$ (4,857,203.85)				
81	Sep-15	\$ (5,330,146.55)	\$ 1,574,510.70	\$ 269,822.94	\$ 426,562.96	\$ (2,302,966.26)	\$ (1,032,063.67)	\$ (6,362,210.22)	\$ (24,081.38)	\$ (6,386,291.60)	\$ 516,031.89	\$ (5,864,178.39)				
82	Oct-15	\$ (6,386,291.60)	\$ 1,086,395.47	\$ 75,682.34	\$ 426,562.96	\$ (2,162,004.56)	\$ (573,363.79)	\$ (6,959,655.39)	\$ (27,487.09)	\$ (6,987,142.48)	\$ 286,681.90	\$ (6,672,973.50)				
83	Nov-15	\$ (6,987,142.48)	\$ 1,052,944.85	\$ -	\$ 426,562.96	\$ (1,958,252.90)	\$ (478,745.09)	\$ (7,465,887.58)	\$ (29,767.22)	\$ (7,495,654.80)	\$ 239,372.55	\$ (7,226,515.33)				
84	Dec-15	\$ (7,495,654.80)	\$ 418,138.46	\$ -	\$ 426,562.96	\$ (1,976,619.79)	\$ (1,132,209.37)	\$ (8,627,864.16)	\$ (33,207.73)	\$ (8,661,071.89)	\$ 566,104.68	\$ (8,061,759.48)				
85	Jan-16	\$ (8,661,071.89)	\$ 1,094,813.63	\$ 320,628.08	\$ 403,862.62	\$ (2,082,897.30)	\$ (263,592.97)	\$ (9,924,664.86)	\$ (36,219.29)	\$ (9,960,884.15)	\$ 131,796.48	\$ (9,798,288.38)				
86	Feb-16	\$ (9,960,884.15)	\$ 1,924,041.13	\$ 331,256.25	\$ 403,862.62	\$ (2,072,790.06)	\$ 586,369.94	\$ (8,374,514.21)	\$ (35,703.70)	\$ (8,410,217.90)	\$ (293,184.97)	\$ (8,669,699.18)				
87	Mar-16	\$ (8,410,217.90)	\$ 1,271,023.78	\$ 328,634.13	\$ 403,862.62	\$ (2,071,598.27)	\$ (80,077.74)	\$ (8,478,295.64)	\$ (34,783.30)	\$ (8,513,078.94)	\$ 34,038.87	\$ (8,444,256.77)				
88	Apr-16	\$ (8,513,078.94)	\$ 4,144,058.56	\$ 337,227.16	\$ 403,862.62	\$ (2,003,582.52)	\$ 2,881,565.83	\$ (5,631,513.11)	\$ (29,131.97)	\$ (5,660,645.08)	\$ (1,440,782.92)	\$ (7,072,296.03)				
89	May-16	\$ (5,660,645.08)	\$ 694,159.33	\$ 358,755.86	\$ 403,862.62	\$ (1,970,455.49)	\$ (1,531,677.67)	\$ (6,174,322.75)	\$ (24,375.10)	\$ (6,198,697.85)	\$ 256,838.84	\$ (5,917,483.92)				
90	Jun-16	\$ (6,198,697.85)	\$ (2,278,265.86)	\$ 335,568.90	\$ 403,862.62	\$ (2,278,907.09)	\$ (3,817,741.42)	\$ (10,016,439.28)	\$ (33,396.43)	\$ (10,049,835.71)	\$ 1,908,870.71	\$ (8,107,568.57)				
91	Jul-16	\$ (10,049,835.71)	\$ 1,068,904.99	\$ 347,259.01	\$ 403,862.62	\$ (2,286,767.95)	\$ (466,741.33)	\$ (10,516,577.03)	\$ (42,358.24)	\$ (10,558,935.28)	\$ 233,370.66	\$ (10,283,206.37)				
92	Aug-16	\$ (10,558,935.28)	\$ 964,551.25	\$ 331,944.53	\$ 403,862.62	\$ (2,499,315.08)	\$ (798,956.68)	\$ (11,357,891.96)	\$ (45,139.53)	\$ (11,403,031.49)	\$ 399,478.34	\$ (10,958,413.62)				
93	Sep-16	\$ (11,403,031.49)	\$ 241,962.42	\$ 330,987.48	\$ 403,862.62	\$ (2,523,539.97)	\$ (1,546,727.44)	\$ (12,949,758.93)	\$ (50,156.60)	\$ (12,999,915.54)	\$ 773,363.72	\$ (12,176,395.21)				
94	Oct-16	\$ (12,999,915.54)	\$ 784,134.94	\$ -	\$ 403,862.62	\$ (2,200,827.33)	\$ (650,528.53)	\$ (13,650,444.07)	\$ (54,888.66)	\$ (13,705,332.70)	\$ 325,264.27	\$ (13,351,719.80)				
95	Nov-16	\$ (13,705,332.70)	\$ 475,050.76	\$ 372,031.55	\$ 403,862.62	\$ (2,020,072.36)	\$ (769,127.42)	\$ (14,474,460.13)	\$ (58,038.63)	\$ (14,532,488.76)	\$ 384,563.71	\$ (14,089,896.42)				
96	Dec-16	\$ (14,532,488.76)	\$ 610,126.93	\$ 377,302.72	\$ 403,862.62	\$ (1,971,174.77)	\$ (580,482.49)	\$ (15,112,981.25)	\$ (61,057.34)	\$ (15,174,038.59)	\$ 290,241.25	\$ (14,822,740.00)				
97	Jan-17	\$ (15,174,038.59)	\$ 1,647,187.97	\$ 374,300.97	\$ 403,862.62	\$ (2,074,182.29)	\$ (651,830.73)	\$ (15,825,869.32)	\$ (63,846.89)	\$ (15,889,716.21)	\$ 325,915.36	\$ (15,499,953.95)				
98	Feb-17	\$ (15,889,716.21)	\$ 932,569.94	\$ 384,859.43	\$ 403,862.62	\$ (1,998,733.14)	\$ 232,558.85	\$ (15,657,157.36)	\$ (64,973.42)	\$ (15,722,130.77)	\$ (15,722,130.77)	\$ (15,722,130.77)				
99	Mar-17	\$ (15,722,130.77)	\$ 1,433,083.83	\$ 395,039.98	\$ 403,862.62	\$ (1,928,920.44)	\$ 303,066.00	\$ (15,419,064.78)	\$ (64,137.89)	\$ (15,483,202.66)	\$ (151,533.00)	\$ (15,570,597.78)				
100	Apr-17	\$ (15,483,202.66)	\$ 1,200,016.69	\$ 402,861.20	\$ 403,862.62	\$ (1,850,556.50)	\$ (523,816.09)	\$ (16,007,018.76)	\$ (64,856.74)	\$ (16,071,875.49)	\$ 261,908.05	\$ (15,745,110.71)				
101	May-17	\$ (16,071,875.49)	\$ 1,755,796.36	\$ 413,187.42	\$ 403,862.62	\$ (1,839,899.71)	\$ 732,946.69	\$ (15,338,928.80)	\$ (64,693.17)	\$ (15,403,621.97)	\$ (366,473.35)	\$ (15,705,402.14)				
102	Jun-17	\$ (15,403,621.97)	\$ 812,519.75	\$ 395,987.39	\$ 403,862.62	\$ (2,135,965.62)	\$ (523,995.66)	\$ (15,927,217.62)	\$ (64,528.48)	\$ (15,991,746.10)	\$ 261,797.83	\$ (15,665,419.79)				
103	Jul-17	\$ (15,991,746.10)	\$ 544,742.36	\$ 414,918.84	\$ 403,862.62	\$ (2,093,360.71)	\$ (729,836.89)	\$ (16,721,582.99)	\$ (67,375.83)	\$ (16,788,958.81)	\$ 364,918.44	\$ (16,356,664.54)				
104	Aug-17	\$ (16,788,958.81)	\$ 897,791.59	\$ 399,603.83	\$ 403,862.62	\$ (2,201,494.57)	\$ (500,771.34)	\$ (17,289,730.15)	\$ (70,187.80)	\$ (17,359,918.05)	\$ 250,385.67	\$ (17,039,344.48)				
105	Sep-17	\$ (17,359,918.05)	\$ 458,494.78	\$ 407,395.83	\$ 403,862.62	\$ (2,133,659.64)	\$ (864,106.41)	\$ (18,249,458.68)	\$ (73,288.09)	\$ (18,322,746.77)	\$ (18,322,746.77)	\$ (18,322,746.77)				
106	Oct-17	\$ (18,322,746.77)	\$ 1,238,187.91	\$ 436,130.78	\$ 403,862.62	\$ (1,975,419.19)	\$ 102,762.12	\$ (18,194,550.44)	\$ (75,158.03)	\$ (18,269,708.47)	\$ (51,381.06)	\$ (18,245,931.50)				
107	Nov-17	\$ (18,269,708.47)	\$ 454,106.01	\$ -	\$ 403,862.62	\$ (1,660,132.40)	\$ (802,163.77)	\$ (19,071,872.24)	\$ (76,908.10)	\$ (19,148,780.34)	\$ 401,081.89	\$ (18,670,790.35)				
108	Dec-17	\$ (19,148,780.34)	\$ 486,026.10	\$ -	\$ 403,862.62	\$ 479,552.47	\$ 1,369,441.18	\$ (17,779,339.16)	\$ (76,056.54)	\$ (17,855,395.69)	\$ (684,720.59)	\$ (18,460,059.75)				
109	Jan-18	\$ (17,855,395.69)	\$ 1,200,692.64	\$ -	\$ 403,862.62	\$ 548,535.59	\$ 2,153,090.86	\$ (15,702,304.84)	\$ (69,114.88)	\$ (15,771,419.72)	\$ (1,076,545.43)	\$ (16,778,850.43)				
110	Feb-18	\$ (15,771,419.72)	\$ 710,672.59	\$ -	\$ 403,862.62	\$ 533,908.93	\$ 1,648,444.10	\$ (14,122,975.58)	\$ (61,570.00)	\$ (14,184,545.58)	\$ (824,222.07)	\$ (14,947,197.65)				
111	Mar-18	\$ (14,184,545.58)	\$ 483,623.49	\$ -	\$ 403,862.62	\$ 492,822.88	\$ 1,385,308.99	\$ (12,799,236.59)	\$ (55,575							

AES Ohio
Case No. 21-0560-EL-RDR
Forecasted Sales (kWh)
September 2021 - August 2022

Data: Forecasted
Type of Filing: Original
Work Paper Reference No(s).: None

WPC-1
Page 1 of 1

Line	Description	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Total
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)	(S)
1	Residential Forecasted Sales	322,381,471	373,868,887	497,175,975	516,055,717	448,837,486	362,918,050	350,841,582	468,514,507	593,317,323	549,272,082	506,817,354	393,491,608	323,260,681	375,161,613	499,234,631	518,212,711	5,389,879,628
2	Non-Residential Forecasted Sales																	
3	Secondary	285,454,128	317,386,045	341,510,357	361,350,100	338,361,699	296,414,034	281,394,989	292,996,079	335,187,219	305,333,924	302,278,863	283,516,722	282,830,073	318,701,601	346,753,418	365,862,925	3,749,631,545
4	Primary	174,734,897	203,445,241	193,991,641	196,817,879	199,681,662	175,541,887	173,686,535	160,403,855	182,526,715	178,374,671	174,393,690	175,233,802	168,603,091	202,076,897	195,386,486	201,646,003	2,187,555,293
5	Primary Substation	27,828,967	43,970,644	24,619,769	27,327,647	30,190,744	23,427,519	30,587,211	27,500,607	33,697,928	23,181,820	27,866,972	33,911,451	29,576,773	40,405,940	29,136,360	35,486,892	364,970,216
6	High Voltage	54,846,992	55,964,701	48,501,635	52,269,898	55,183,701	41,868,903	41,610,341	37,383,746	49,435,428	45,165,576	44,312,574	50,108,953	44,795,105	55,421,709	54,940,640	60,786,549	581,013,224
7	Streetlighting	3,213,024	3,457,090	3,264,844	3,166,301	3,313,591	2,883,524	3,263,875	3,204,618	3,659,019	3,326,371	3,518,966	3,425,056	3,221,787	3,469,044	3,278,363	3,179,536	39,743,750
8	Total Projected Sales	868,459,479	998,092,608	1,109,064,221	1,156,987,542	1,075,568,882	903,053,917	881,384,533	990,003,411	1,197,823,631	1,104,654,444	1,059,188,418	939,687,591	852,287,510	995,236,804	1,128,729,899	1,185,174,615	12,312,793,656

Source: Company's monthly forecast consistent with 2020 LTFR Case No. 20-0768-EL-FOR

* Sales associated with EER exemptions approved by the Commission were excluded.

AES Ohio
Case No. 21-0560-EL-RDR
Computation of Gross Revenue Conversion Factor

Data: 12 Months Actual

Type of Filing: Original

Work Paper Reference No(s).: None

WPC-2

Page 1 of 1

Line	Description	Equity Gross Revenues	O&M/Debt Gross Revenues	Source
(A)	(B)	(C)	(D)	(E)
1	Operating Revenues	100.0000%	100.0000%	
2				
3	Less: Commercial Activities Tax (CAT)	0.26%	0.26%	Statutory Rate
4				
5	Percentage of Income After CAT	99.7400%	99.7400%	Line 1 - Line 3
6				
7	Less: Ohio Municipal Income Tax Return			
8	Municipal Income Tax Due	\$390,875	\$0	Ohio Municipal Income Tax Return, Sch 4
9	Federal Taxable Income	<u>\$83,432,860</u>	<u>\$83,432,860</u>	Ohio Municipal Income Tax Return, Sch 1
10	Effective Ohio Municipal Tax Rate	0.4685%	0.0000%	Line 8 / Line 9
11				
12	Percentage of Income Before Federal Income Tax	99.2715%	99.7400%	Line 5 - Line 10
13				
14	Less: Federal Income Tax (FIT)			
15	FIT Marginal Rate	<u>21.0000%</u>	<u>0.0000%</u>	Federal Tax Return
16	Effective Marginal Rate	20.8470%	0.0000%	Line 12 * Line 15
17				
18	Net Operating Income Percentage	78.4245%	99.7400%	Line 12 - Line 16
19				
20	Gross Revenue Conversion Factor	1.2751	1.0026	Line 1 / Line 18

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5/14/2021 3:23:00 PM

in

Case No(s). 21-0560-EL-RDR

Summary: Application to update its Energy Efficiency Rider electronically filed by Carrie Inman on behalf of The Dayton Power and Light Company d/b/a AES Ohio