

**BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application of)	
Ohio Power Company to Update Its)	Case No. 15-1105-EL-RDR
Basic Transmission Cost Rider)	

APPLICATION

Ohio Power Company d/b/a AEP Ohio (“OPCo” or the “Company”) submits this application to update its Basic Transmission Cost Rider (“BTCR”). In support of its application, OPCo states the following:

1. OPCo is an electric utility as that term is defined in §4928.01(A)(11), Ohio Rev. Code.
2. OPCo is an electric utility operating company subsidiary of American Electric Power Company, Inc.
3. By Finding and Order issued May 26, 2006 in Case No. 06-273-EL-UNC, the Commission approved the Company’s application in that docket to combine the transmission component of the Company’s Standard Service Tariff with its Transmission Cost Recovery Rider (“TCRR”).
4. As part of the Commission’s approval of that application the Company is to file an annual update to its TCRR. The update would incorporate any over- or under- recovery deferral balance into the surcharge for the next calendar year. In addition to this true-up mechanism, the update also could adjust the ongoing level of the TCRR, if necessary, to minimize the anticipated level of over- or under- recoveries in the next calendar year.

5. The recovery of costs is to be pursuant to an application filed by the electric utility on an annual basis pursuant to a schedule set by Commission order. (§4901:1-36-03 (A) and (B), Ohio Admin. Code).
6. The Company's most recent TCRR proceeding was in Case No. 14-1094-EL-RDR. The Company's current TCRR and BTCR rates were approved by the Commission in its May 28, 2015, entry in Case No. 13-2385-EL-SSO.
7. As approved by the Commission in its February 22, 2015, Opinion and Order in Case No. 13-2385-EL-SSO, the BTCR operates in much the same manner as the TCRR did. The BTCR filing date and included schedules remain the same.
8. Accordingly, the following information is provided with this application:

Schedule A-1	Copy of proposed tariff schedules
Schedule A-2	Copy of redlined current tariff schedules
Schedule B-1	Summary of Total Projected Transmission Costs/Revenues
Schedule B-2	Summary of Current versus Proposed Transmission Revenues
Schedule B-3	Summary of Current and Proposed Rates
Schedule B-4	Graphs
Schedule B-5	Typical Bill Comparisons
Schedule C-1	Projected Transmission Cost Recovery Rider Cost/Revenues
Schedule C-2	Monthly Projected Cost for Each Rate Schedule

Schedule C-3	Projected Transmission Cost Recovery Rider Rate Calculations
Schedule D-1	Reconciliation Adjustment
Schedule D-2	Monthly Revenues Collected From Each Rate Schedule
Schedule D-3	Monthly Over and Under Recovery
Schedule D-3a	Carrying Cost Calculation
Schedule D-3b	Reconciliation of Throughput to Company Financial Records (Not applicable)
Schedule D-3c	Reconciliation of One Month's Bill from RTO to Financial Records of the Company (Not applicable)

9. Schedules D-3b and D-3c are based on historical financial records, which are not applicable to the BTCR's first annual update contained in this application.
10. As reflected in Schedules B-1 and B-2, the Company's proposed BTCR revenues for the 12-month period beginning with the September 2015 billing month are \$23,858,012 lower than what the BTCR revenues for that period would be under the current BTCR rates.¹ This represents an average decrease in the BTCR of approximately 5.21%. The decrease reflects \$0 of under-recovery, including carrying charges.
11. The carrying charges identified in the prior paragraph were calculated in a manner consistent with the carrying charge calculation ordered by the Commission in Case No. 08-1202-EL-UNC, Finding and Order, December 17, 2008, and approved in Case No. 10-477-EL-RDR.

¹ The slight difference between the forecast of Total Transmission Cost net of true-up on Schedule B-1 and the forecast for total TCRR revenues under the proposed TCRR on Schedule B-2 is attributable to rounding.

12. In its October 24, 2012 Finding and Order in Case No. 12-1046-EL-RDR, the Commission authorized the Company to establish a separate rate, the Transmission Under-Recovery Rider, in order to collect the under-recovery of approximately \$36 million, plus carrying charges, evenly over a three-year period. As of April 30, 2015, this rate has decreased the outstanding balance to \$12,950,330. The Transmission Under-Recovery Rider will terminate when the full amount of the under-recovery has been collected.
13. In FERC Docket No. ER08-1329-000, American Electric Power Service Corporation, on behalf of the Company (and other AEP East operating companies) filed an application to increase the Company's Open Access Transmission Tariff (OATT). The Company's BTCR filing reflects that current OATT rate. The settlement agreement in that case was approved on October 1, 2010. The new FERC-approved rate has been applied and is reflected in the over/under recovery in this year's BTCR filing.
14. The Company's proposed BTCR, as reflected in Schedule A-1 and supported by Schedules B-1, B-2 and C-3 and their related work papers, is reasonable and should be approved. As always, the Company is receptive to exploring alternative recovery options in an effort to promote rate stability and to mitigate rate impacts.
15. As detailed by the letter accompanying the Company's May 18, 2015, compliance tariffs filed in Case No. 13-2385-EL-SSO, the current BTCR rates for Electric Heating General (EHG) customers reflect an updated rate

design to mitigate bill impacts. In this filing, the Company's application begins phasing in the originally proposed BTCR rate design for these customers by setting the BTCR EHG demand rate equal to one-half the Demand Metered Secondary demand rate.

16. The Company requests that its proposed updated BTCR rates be made effective on a bills rendered basis beginning on August 28, 2015 - the first day of the September 2015 billing cycle. This "bills rendered" effective date is consistent with the Finding and Order in Case Nos. 06-273-EL-UNC and 07-1156-EL-UNC, 08-1202-EL-UNC and 10-477-EL-RDR.

Based on the reasons stated above and the exhibits and work papers submitted with this filing, the Commission should approve the Company's application.

Respectfully submitted,

/s/ Steven T. Nourse

Steven T. Nourse

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Counsel for Ohio Power Company

P.U.C.O. NO. 20

BASIC TRANSMISSION COST RIDER

Effective Cycle 1 September 2015, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Basic Transmission Cost charge per KW and/or KWH as follows:

Schedule	¢/KWH	\$/KW
Residential RS, RR, RR-1, RS-ES, RS-TOD, RLM, RS-TOD2, CPP, RTP, and RDMS	1.28713	
Non Demand Metered GS-1, GS-1 TOD GS-2 Recreational Lighting, GS-TOD, GS-2-TOD, and GS-2-ES GS-3-ES EHS SS	0.96835	
Demand Metered Secondary GS-2 GS-3	0.03839	3.31
Demand Metered Primary GS-2 GS-3 GS-4	0.03706	3.44
Demand Metered Subtransmission/Transmission GS-2 GS-3 GS-4	0.03632	3.38
Lighting AL SL	0.34478	
EHG	1.25281	1.66

Filed pursuant to Order dated _____ in Case No. _____

Issued: _____

Issued by
Pablo Vegas, President
AEP Ohio

Effective: Cycle 1 September 2015

P.U.C.O. NO. 20

OAD – BASIC TRANSMISSION COST RIDER
(Open Access Distribution – Basic Transmission Cost Rider)

Effective Cycle 1 September 2015, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Basic Transmission Cost charge per KW and/or KWH as follows:

Schedule	¢/KWH	\$/KW
Residential RS, RR, RR-1, RS-ES, RS-TOD, RLM, RS-TOD2, CPP, RTP, and RDMS	1.28713	
Non Demand Metered GS-1, GS-1 TOD GS-2 Recreational Lighting, GS-TOD, GS-2-TOD, and GS-2-ES GS-3-ES EHS SS	0.96835	
Demand Metered Secondary GS-2 GS-3	0.03839	3.31
Demand Metered Primary GS-2 GS-3 GS-4	0.03706	3.44
Demand Metered Subtransmission/Transmission GS-2 GS-3 GS-4	0.03632	3.38
Lighting AL SL	0.34478	
EHG	1.25281	1.66

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AEP Ohio

Effective: Cycle 1 September 2015

P.U.C.O. NO. 20

BASIC TRANSMISSION COST RIDER

Effective ~~June 1, Cycle 1 September~~ 2015, ~~for services rendered on and after June 1, 2015,~~ all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Basic Transmission Cost charge per KW and/or KWH as follows:

Schedule	¢/KWH	\$/KW
Residential RS, RR, RR-1, RS-ES, RS-TOD, RLM, RS-TOD2, CPP, RTP, and RDMS	4.35826 <u>1.2871</u> <u>3</u>	
Non Demand Metered GS-1, GS-1 TOD GS-2 Recreational Lighting, GS-TOD, GS-2-TOD, and GS-2-ES GS-3-ES EHS SS	4.021330 <u>.9683</u> <u>5</u>	
Demand Metered Secondary GS-2 GS-3	0.038410 <u>.0383</u> <u>9</u>	3.50 <u>3.31</u>
Demand Metered Primary GS-2 GS-3 GS-4	0.037080 <u>.0370</u> <u>6</u>	3.64 <u>3.44</u>
Demand Metered Subtransmission/Transmission GS-2 GS-3 GS-4	0.036330 <u>.0363</u> <u>2</u>	3.57 <u>3.38</u>
Lighting AL SL	0.362250 <u>.3447</u> <u>8</u>	
EHG	2.198531 <u>.2528</u> <u>1</u>	<u>1.66</u>

Filed pursuant to Order dated ~~February 25, 2015~~ in Case No. ~~13-2385-EL-SSO~~

Issued: ~~May 18, 2015~~

Effective: ~~June 1, 2015~~ Cycle 1 September 2015

Issued by
Pablo Vegas, President
AEP Ohio

P.U.C.O. NO. 20

OAD – BASIC TRANSMISSION COST RIDER
(Open Access Distribution – Basic Transmission Cost Rider)

Effective ~~June 1, Cycle 1 September~~ 2015, ~~for services rendered on and after June 1, 2015,~~ all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Basic Transmission Cost charge per KW and/or KWH as follows:

Schedule	¢/KWH	\$/KW
Residential RS, RR, RR-1, RS-ES, RS-TOD, RLM, RS-TOD2, CPP, RTP, and RDMS	4.35826 <u>1.2871</u> <u>3</u>	
Non Demand Metered GS-1, GS-1 TOD GS-2 Recreational Lighting, GS-TOD, GS-2-TOD, and GS-2-ES GS-3-ES EHS SS	4.02133 <u>0.9683</u> <u>5</u>	
Demand Metered Secondary GS-2 GS-3	0.03841 <u>0.0383</u> <u>9</u>	3.50 <u>3.31</u>
Demand Metered Primary GS-2 GS-3 GS-4	0.03708 <u>0.0370</u> <u>6</u>	3.64 <u>3.44</u>
Demand Metered Subtransmission/Transmission GS-2 GS-3 GS-4	0.03633 <u>0.0363</u> <u>2</u>	3.57 <u>3.38</u>
Lighting AL SL	0.36225 <u>0.3447</u> <u>8</u>	
EHG	2.19853 <u>1.2528</u> <u>1</u>	<u>1.66</u>

Filed pursuant to Order dated ~~February 25, 2015~~ in Case No. ~~13-2385-EL-SSO~~

Issued: ~~May 18, 2015~~

Effective: ~~June 1, 2015~~ Cycle 1 September 2015

Issued by
Pablo Vegas, President
AEP Ohio

Summary of Total Projected Transmission Costs / Revenues**Ohio Power Company****(\$)**

NITS	\$ 357,831,708	D
Transmission Enhancement Charges	\$ 62,001,171	D
Scheduling	\$ 6,025,663	E
Point to Point Revenues	\$ (1,909,634)	D
Reactive Supply Charges	\$ 10,410,376	E
Generation Deactivation Charges	\$ -	E
Total Transmission Costs	<u>\$ 434,359,284</u>	
(Over)/Under Collection	\$ -	O
Forecast Carrying Costs	<u>\$ -</u>	O
Rider Revenue Requirement	<u><u>\$ 434,359,284</u></u>	

D = Demand, E = Energy, O = Other

Summary of Current versus Proposed Transmission Revenues

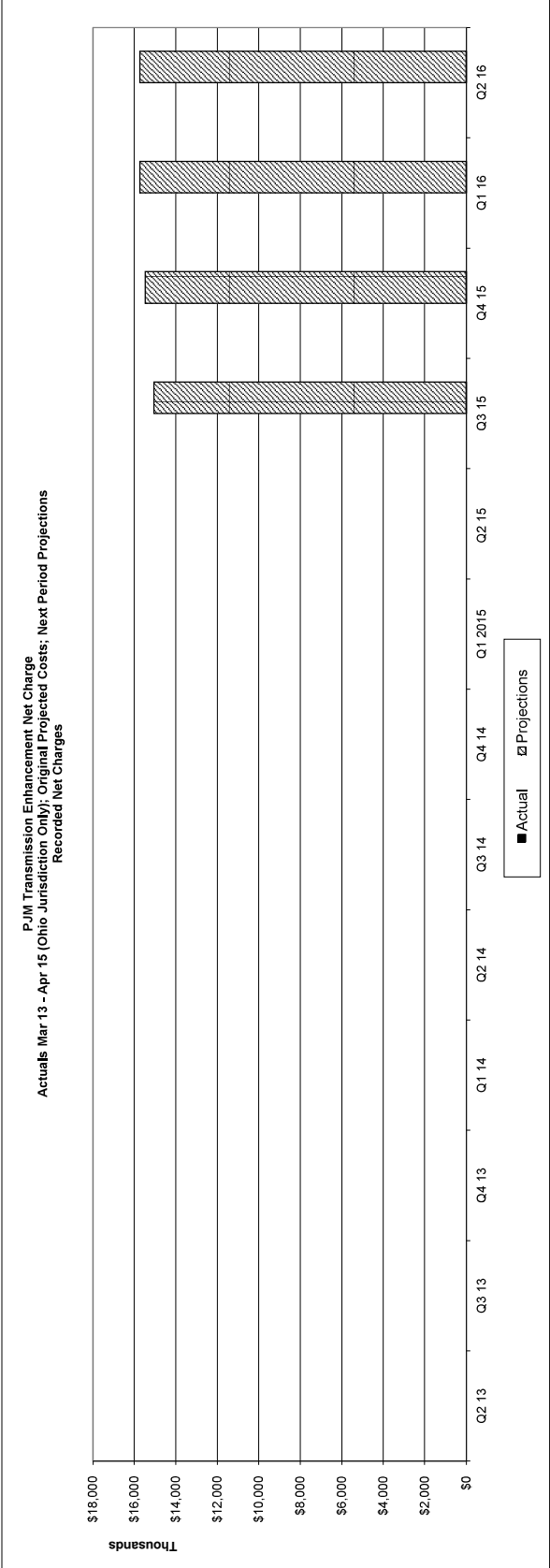
Ohio Power Company

	Forecast for September 2015 - August 2016				
	Metered kWh	Billed kW	Current BTCR	Proposed BTCR	% Difference
Residential	14,225,492,718	0	\$193,219,177	\$183,100,584	-5.24%
GS Non Demand Secondary	789,208,983	0	\$8,060,428	\$7,642,305	-5.19%
GS Secondary	11,665,976,600	34,121,449	\$123,905,971	\$117,420,563	-5.23%
GS Primary	6,221,462,006	13,649,825	\$51,992,281	\$49,261,072	-5.25%
GS Sub/Tran	10,451,543,324	21,277,569	\$79,757,969	\$75,714,185	-5.07%
Lighting	217,033,547	0	\$786,204	\$748,288	-4.82%
EHG	19,740,746	98,920	\$434,006	\$411,027	-5.29%
Total	43,590,457,923	69,147,763	\$458,156,037	\$434,298,024	-5.21%

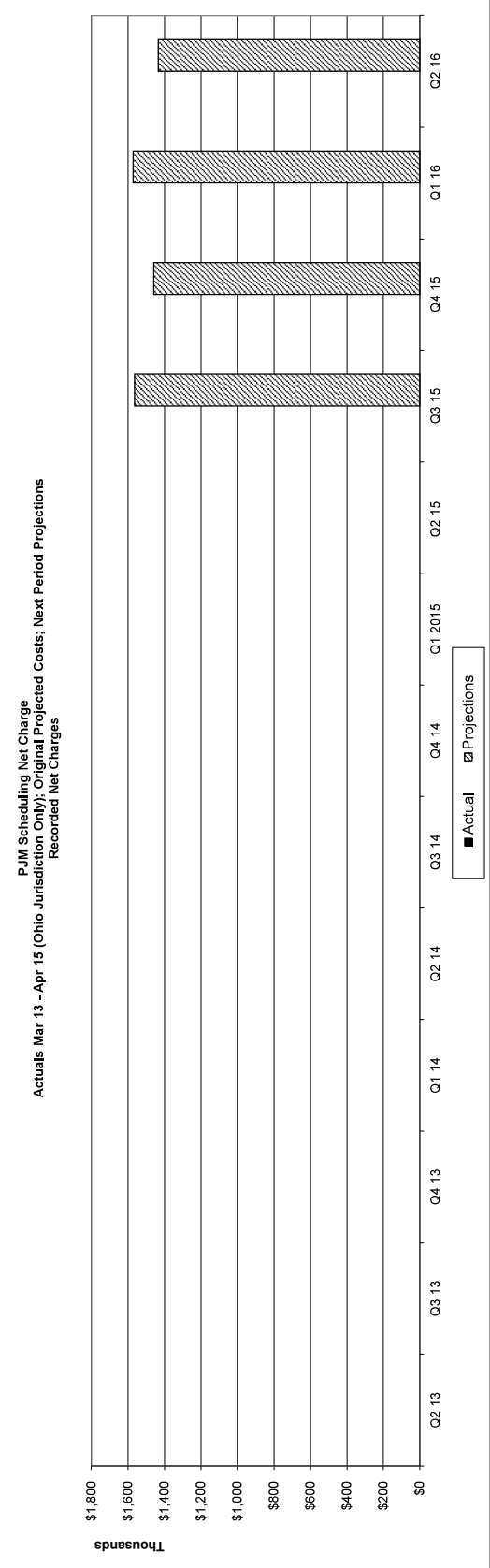
Ohio Power Company
Summary of Current and Proposed Rates

	Forecast for September 2015 - August 2016				Forecast for September 2015 - August 2016			
	Current BTCR Energy Rate	Proposed BTCR Energy Rate	Energy Difference	Energy % Difference	Current BTCR Demand Rate	Proposed BTCR Demand Rate	Demand Difference	Demand % Difference
Residential	\$0.0135826	\$0.0128713	-\$0.0007113	-5.24%				
GS Non Demand Secondary	\$0.0102133	\$0.0096835	-\$0.0005298	-5.19%				
GS Secondary	\$0.0003841	\$0.0003839	-\$0.0000002	-0.05%	\$3.50	\$3.31	-\$0.19	-5.43%
GS Primary	\$0.0003708	\$0.0003706	-\$0.0000002	-0.05%	\$3.64	\$3.44	-\$0.20	-5.49%
GS Sub/Tran	\$0.0003633	\$0.0003632	-\$0.0000001	-0.03%	\$3.57	\$3.38	-\$0.19	-5.32%
Lighting	\$0.0036225	\$0.0034478	-\$0.0001747	-4.82%				
EHG	\$0.0219853	\$0.0125281	-\$0.0094572	-43.02%	\$0.00	\$1.66	\$1.66	N/A

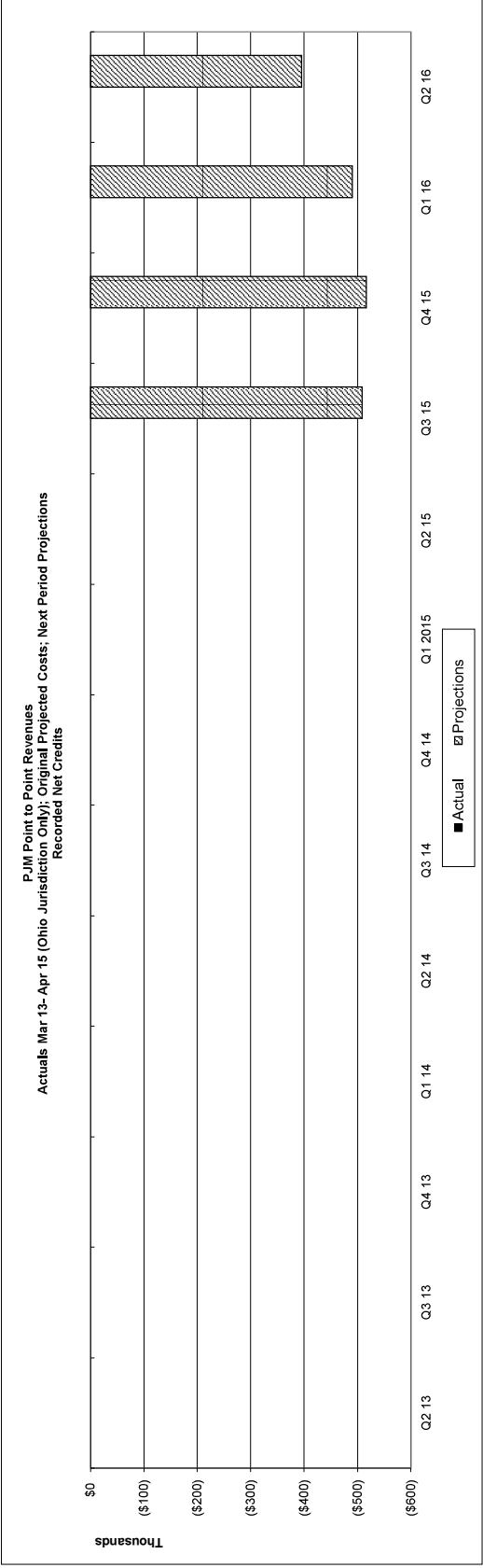
	Mar-13	Q2 13	Q3 13	Q4 13	Q1 14	Q2 14	Q3 14	Q4 14	Q1 2015
Actual - PJM NITS	-	-	-	-	-	-	-	-	-
Projections - PJM NITS	-	-	-	-	-	-	-	-	-
FORECAST									
Actual - PJM NITS	-	-	-	-	89,457,927	89,457,927	-	-	89,457,927
Projections - PJM NITS	-	-	-	-	89,457,927	89,457,927	-	-	89,457,927



Actual - PJM Transmission Enhancement Projections - PJM Transmission Enhancement	ACTUAL											
	Mar-13	Q2 13	Q3 13	Q4 13	Q1 14	Q2 14	Q3 14	Q4 14	Q1 2015			
	-	-	-	-	-	-	-	-	-	-	-	-
Actual - PJM Transmission Enhancement Projections - PJM Transmission Enhancement	FORECAST											
		Q2 15	Q3 15	Q4 15	Q1 16	Q2 16						
		-	-	-	-	-	15,735,949	15,735,949	15,738,354			

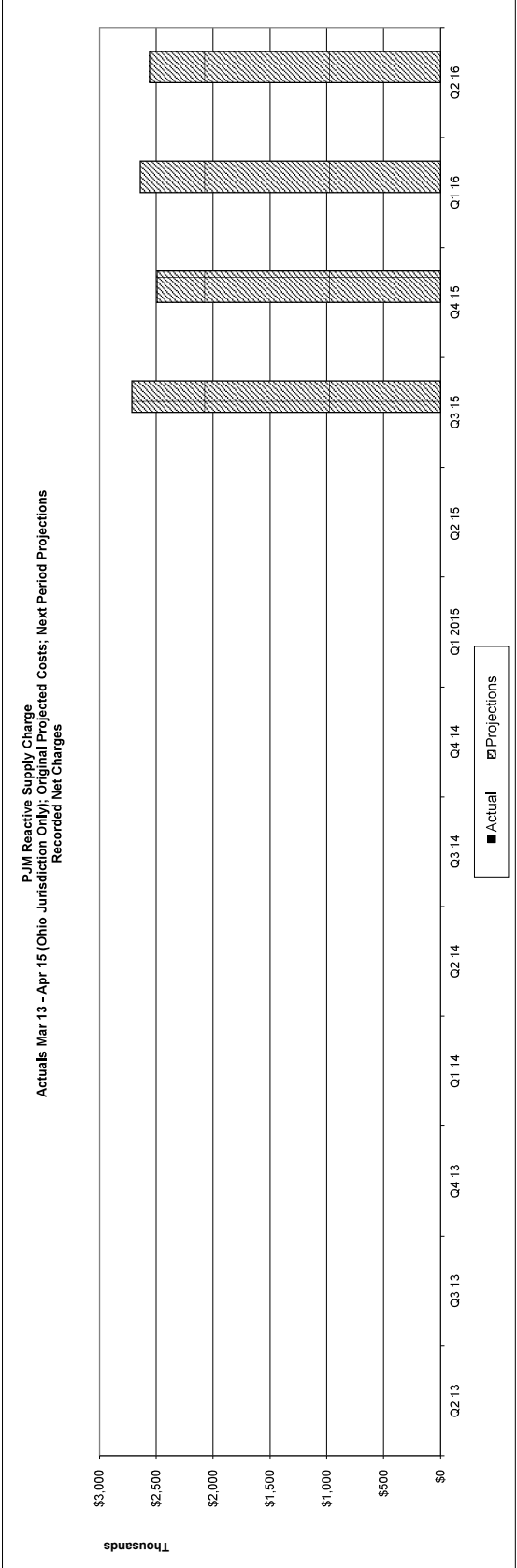


Actual - PJM Scheduling Projections - PJM Scheduling	ACTUAL											
	Mar-13	Q2 13	Q3 13	Q4 13	Q1 14	Q2 14	Q3 14	Q4 14	Q1 15	Q2 15	Q3 15	Q4 15
	-	-	-	-	-	-	-	-	-	-	-	-
Actual - PJM Scheduling Projections - PJM Scheduling	FORECAST											
		Q2 15	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16	Q4 16	Q1 17	Q2 17	Q3 17	Q4 17
		-	-	-	-	-	-	-	-	-	-	-
			1,562,656	1,458,495	1,570,775	1,433,737						

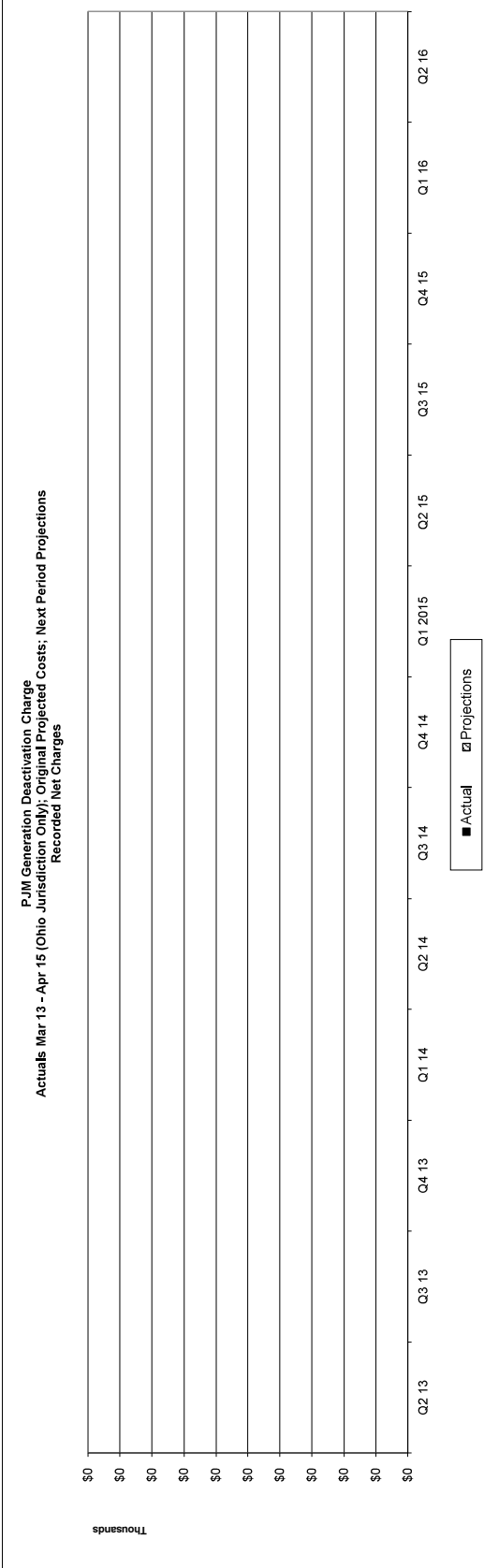


	ACTUAL											
	Mar-13	Q2 13	Q3 13	Q4 13	Q1 14	Q2 14	Q3 14	Q4 14	Q1 15	Q2 15	Q3 15	Q1 2015
Actual - PJM Point to Point Projections - PJM Point to Point	-	-	-	-	-	-	-	-	-	-	-	-

	FORECAST					
	Q2 15	Q3 15	Q4 15	Q1 16	Q2 16	
Actual - PJM Point to Point Projections - PJM Point to Point	-	(508,511)	(516,315)	(489,871)	(394,937)	



Actual - PJM Net Ancillary Services Projections - PJM Net Ancillary Services	ACTUAL											
	Mar-13	Q2 13	Q3 13	Q4 13	Q1 14	Q2 14	Q3 14	Q4 14	Q1 2015	Q2 15	Q3 15	Q1 2015
	-	-	-	-	-	-	-	-	-	-	-	-
Actual - PJM Net Ancillary Services Projections - PJM Net Ancillary Services	FORECAST											
		Q2 15	Q3 15	Q4 15	Q1 16	Q2 16	Q3 16	Q4 16	Q1 17	Q2 17	Q3 17	Q1 17
		-	-	-	-	-	-	-	-	-	-	-
		-	2,714,914	2,492,843	2,641,540	2,561,079						



Actual - PJM Supplemental Reserves Projections - PJM Supplemental Reserves	ACTUAL									
	Mar-13	Q2 13	Q3 13	Q4 13	Q1 14	Q2 14	Q3 14	Q4 14	Q1 2015	
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Actual - PJM Supplemental Reserves Projections - PJM Supplemental Reserves	FORECAST									
				Q2 15	Q3 15	Q4 15	Q1 16	Q2 16		
				-	-	-	-	-	-	-
				-	-	-	-	-	-	-

**Ohio Power Company
2015 Typical Bill Comparison
Ohio Power Rate Zone**

<u>Tariff</u>	<u>kWh</u>	<u>KW</u>	<u>Current</u>	<u>Proposed</u>	<u>\$</u> <u>Difference</u>	<u>Difference</u>
Residential	100		\$25.15	\$25.08	-\$0.07	-0.3%
	250		\$44.29	\$44.11	-\$0.18	-0.4%
	500		\$76.20	\$75.85	-\$0.35	-0.5%
	750		\$108.14	\$107.60	-\$0.54	-0.5%
	1,000		\$140.04	\$139.33	-\$0.71	-0.5%
	1,500		\$203.87	\$202.81	-\$1.06	-0.5%
	2,000		\$267.72	\$266.29	-\$1.43	-0.5%
GS-1 Secondary	375	3	\$57.96	\$57.76	-\$0.20	-0.4%
	1,000	3	\$117.07	\$116.54	-\$0.53	-0.5%
	750	6	\$93.42	\$93.02	-\$0.40	-0.4%
	2,000	6	\$211.64	\$210.58	-\$1.06	-0.5%
GS-2	1,500	12	\$269.43	\$267.15	-\$2.28	-0.9%
	4,000	12	\$470.36	\$468.08	-\$2.28	-0.5%
	6,000	30	\$799.61	\$793.91	-\$5.70	-0.7%
	10,000	30	\$1,120.77	\$1,115.07	-\$5.70	-0.5%
	10,000	40	\$1,214.50	\$1,206.90	-\$7.60	-0.6%
	14,000	40	\$1,535.65	\$1,528.04	-\$7.61	-0.5%
	12,500	50	\$1,508.91	\$1,499.41	-\$9.50	-0.6%
	18,000	50	\$1,948.79	\$1,939.29	-\$9.50	-0.5%
	15,000	75	\$1,943.94	\$1,929.69	-\$14.25	-0.7%
	30,000	100	\$3,374.08	\$3,355.08	-\$19.00	-0.6%
	36,000	100	\$3,852.44	\$3,833.43	-\$19.01	-0.5%
	30,000	150	\$3,842.68	\$3,814.18	-\$28.50	-0.7%
	60,000	300	\$7,640.22	\$7,583.20	-\$57.02	-0.8%
	90,000	300	\$10,031.98	\$9,974.96	-\$57.02	-0.6%
	100,000	500	\$12,703.59	\$12,608.57	-\$95.02	-0.8%
	150,000	500	\$16,689.87	\$16,594.84	-\$95.03	-0.6%
	180,000	500	\$19,081.60	\$18,986.56	-\$95.04	-0.5%

**Ohio Power Company
2015 Typical Bill Comparison
Ohio Power Rate Zone**

<u>Tariff</u>	<u>kWh</u>	<u>KW</u>	<u>Current</u>	<u>Proposed</u>	<u>\$ Difference</u>	<u>Difference</u>
GS-3 Secondary	18,000	50	\$1,951.32	\$1,941.82	-\$9.50	-0.5%
	30,000	75	\$3,143.59	\$3,129.34	-\$14.25	-0.5%
	50,000	75	\$4,738.15	\$4,723.89	-\$14.26	-0.3%
	36,000	100	\$3,854.78	\$3,835.77	-\$19.01	-0.5%
	30,000	150	\$3,847.97	\$3,819.47	-\$28.50	-0.7%
	60,000	150	\$6,237.51	\$6,208.99	-\$28.52	-0.5%
	100,000	150	\$9,423.57	\$9,395.05	-\$28.52	-0.3%
	120,000	300	\$12,438.93	\$12,381.91	-\$57.02	-0.5%
	150,000	300	\$14,830.74	\$14,773.71	-\$57.03	-0.4%
	200,000	300	\$18,817.07	\$18,760.03	-\$57.04	-0.3%
	180,000	500	\$19,106.89	\$19,011.85	-\$95.04	-0.5%
	200,000	500	\$20,701.43	\$20,606.39	-\$95.04	-0.5%
	325,000	500	\$30,667.29	\$30,572.23	-\$95.06	-0.3%
GS-2 Primary	200,000	1,000	\$24,331.94	\$24,131.90	-\$200.04	-0.8%
	300,000	1,000	\$31,946.50	\$31,746.44	-\$200.06	-0.6%
GS-3 Primary	360,000	1,000	\$36,565.81	\$36,365.74	-\$200.07	-0.6%
	400,000	1,000	\$39,611.70	\$39,411.62	-\$200.08	-0.5%
	650,000	1,000	\$58,648.52	\$58,448.39	-\$200.13	-0.3%
GS-2 Subtransmission						
	1,500,000	5,000	\$118,800.44	\$117,850.29	-\$950.15	-0.8%
GS-3 Subtransmission	2,500,000	5,000	\$182,336.74	\$181,386.49	-\$950.25	-0.5%
	3,250,000	5,000	\$229,752.36	\$228,802.03	-\$950.33	-0.4%
GS-4 Subtransmission	3,000,000	10,000	\$228,388.14	\$226,487.84	-\$1,900.30	-0.8%
	5,000,000	10,000	\$350,423.74	\$348,523.24	-\$1,900.50	-0.5%
	6,500,000	10,000	\$441,950.44	\$440,049.79	-\$1,900.65	-0.4%
	10,000,000	20,000	\$695,112.74	\$691,311.74	-\$3,801.00	-0.6%
	13,000,000	20,000	\$878,166.14	\$874,364.84	-\$3,801.30	-0.4%
GS-4 Transmission	25,000,000	50,000	\$1,729,179.74	\$1,719,677.24	-\$9,502.50	-0.6%
	32,500,000	50,000	\$2,186,813.24	\$2,177,309.99	-\$9,503.25	-0.4%

* Typical bills assume 100% Power Factor

Ohio Power Company
2015 Typical Bill Comparison
Columbus Southern Power Rate Zone

<u>Tariff</u>	<u>kWh</u>	<u>KW</u>	<u>Current</u>	<u>Proposed</u>	\$ <u>Difference</u>	<u>Difference</u>
<u>Residential</u>						
RR1 Annual	100		\$24.61	\$24.54	-\$0.07	-0.3%
	250		\$42.96	\$42.78	-\$0.18	-0.4%
	500		\$73.54	\$73.19	-\$0.35	-0.5%
RR Annual	750		\$104.14	\$103.60	-\$0.54	-0.5%
	1,000		\$134.73	\$134.02	-\$0.71	-0.5%
	1,500		\$195.88	\$194.82	-\$1.06	-0.5%
	2,000		\$257.08	\$255.65	-\$1.43	-0.6%
GS-1						
	375	3	54.17	53.97	-\$0.20	-0.4%
	1,000	3	122.47	121.94	-\$0.53	-0.4%
	750	6	95.17	94.77	-\$0.40	-0.4%
	2,000	6	231.76	230.70	-\$1.06	-0.5%
GS-2						
Secondary						
	1,500	12	\$240.05	\$237.77	-\$2.28	-1.0%
	4,000	12	\$427.34	\$425.06	-\$2.28	-0.5%
	6,000	30	\$742.50	\$736.80	-\$5.70	-0.8%
	10,000	30	\$1,041.82	\$1,036.12	-\$5.70	-0.6%
	10,000	40	\$1,133.77	\$1,126.17	-\$7.60	-0.7%
	14,000	40	\$1,433.09	\$1,425.48	-\$7.61	-0.5%
	12,500	50	\$1,412.80	\$1,403.30	-\$9.50	-0.7%
	18,000	50	\$1,822.64	\$1,813.14	-\$9.50	-0.5%
	15,000	75	\$1,829.76	\$1,815.51	-\$14.25	-0.8%
	30,000	150	\$3,633.39	\$3,604.89	-\$28.50	-0.8%
	60,000	300	\$7,240.72	\$7,183.70	-\$57.02	-0.8%
	100,000	500	\$12,050.47	\$11,955.45	-\$95.02	-0.8%
GS-2						
Primary						
	100,000	1,000	\$15,412.98	\$15,212.96	-\$200.02	-1.3%

**Ohio Power Company
2015 Typical Bill Comparison
Columbus Southern Power Rate Zone**

<u>Tariff</u>	<u>kWh</u>	<u>KW</u>	<u>Current</u>	<u>Proposed</u>	<u>\$ Difference</u>	<u>Difference</u>
GS-3						
Secondary						
	30,000	75	\$2,947.53	\$2,933.28	-\$14.25	-0.5%
	50,000	75	\$4,432.89	\$4,418.63	-\$14.26	-0.3%
	30,000	100	\$3,178.65	\$3,159.65	-\$19.00	-0.6%
	36,000	100	\$3,624.25	\$3,605.24	-\$19.01	-0.5%
	60,000	150	\$5,868.96	\$5,840.44	-\$28.52	-0.5%
	100,000	150	\$8,839.67	\$8,811.15	-\$28.52	-0.3%
	90,000	300	\$9,483.84	\$9,426.82	-\$57.02	-0.6%
	120,000	300	\$11,711.86	\$11,654.84	-\$57.02	-0.5%
	150,000	300	\$13,939.90	\$13,882.87	-\$57.03	-0.4%
	200,000	300	\$17,653.26	\$17,596.22	-\$57.04	-0.3%
	150,000	500	\$15,789.01	\$15,693.98	-\$95.03	-0.6%
	180,000	500	\$18,017.03	\$17,921.99	-\$95.04	-0.5%
	200,000	500	\$19,502.38	\$19,407.34	-\$95.04	-0.5%
	325,000	500	\$28,785.82	\$28,690.76	-\$95.06	-0.3%
GS-3						
Primary						
	300,000	1,000	\$29,629.92	\$29,429.86	-\$200.06	-0.7%
	360,000	1,000	\$33,879.95	\$33,679.88	-\$200.07	-0.6%
	400,000	1,000	\$36,713.31	\$36,513.23	-\$200.08	-0.5%
	650,000	1,000	\$54,421.80	\$54,221.67	-\$200.13	-0.4%
GS-4						
	1,500,000	5,000	\$110,870.03	\$109,919.88	-\$950.15	-0.9%
	2,500,000	5,000	\$167,948.73	\$166,998.48	-\$950.25	-0.6%
	3,250,000	5,000	\$210,757.77	\$209,807.44	-\$950.33	-0.5%
	3,000,000	10,000	\$216,288.08	\$214,387.78	-\$1,900.30	-0.9%
	5,000,000	10,000	\$330,445.48	\$328,544.98	-\$1,900.50	-0.6%
	6,500,000	10,000	\$416,063.53	\$414,162.88	-\$1,900.65	-0.5%
	6,000,000	20,000	\$427,124.18	\$423,323.58	-\$3,800.60	-0.9%
	10,000,000	20,000	\$655,438.98	\$651,637.98	-\$3,801.00	-0.6%
	13,000,000	20,000	\$826,675.08	\$822,873.78	-\$3,801.30	-0.5%
	15,000,000	50,000	\$1,059,632.48	\$1,050,130.98	-\$9,501.50	-0.9%
	25,000,000	50,000	\$1,630,419.48	\$1,620,916.98	-\$9,502.50	-0.6%
	32,500,000	50,000	\$2,058,509.73	\$2,049,006.48	-\$9,503.25	-0.5%

* Typical bills assume 100% Power Factor

July 2015 - June 2016													
	Forecast (Revenue)/ Expense in \$												
	Forecast Jul-15	Forecast Aug-15	Forecast Sep-15	Forecast Oct-15	Forecast Nov-15	Forecast Dec-15	Forecast Jan-16	Forecast Feb-16	Forecast Mar-16	Forecast Apr-16	Forecast May-16	Forecast Jun-16	Forecast TCRR July-15-June-16
# NITS	29,819,309	29,819,309	29,819,309	29,819,309	29,819,309	29,819,309	29,819,309	29,819,309	29,819,309	29,819,309	29,819,309	29,819,309	357,831,708
\$3453.14 per MW*Mo.													
Transmission Enhancement Charges	5,018,739	5,018,739	5,018,739	5,018,739	5,225,956	5,225,956	5,245,316	5,245,316	5,245,316	5,245,316	5,245,316	5,247,721	62,001,171
Scheduling	558,333	537,931	466,392	458,629	467,044	532,822	555,605	511,122	504,048	448,919	474,032	510,786	6,025,663
Point to Point Revenues	(191,215)	(162,626)	(154,670)	(179,649)	(141,021)	(195,645)	(172,110)	(152,629)	(165,132)	(172,569)	(183,117)	(39,251)	(1,909,634)
Reactive Supply Charges	930,042	904,741	880,131	855,471	831,620	805,752	891,931	880,260	869,349	856,083	843,367	861,629	10,410,376
Generation Deactivation Charges	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Net RTO Costs	36,135,208	36,118,094	36,029,901	35,972,499	36,202,908	36,188,194	36,340,051	36,303,378	36,272,890	36,197,058	36,198,907	36,400,194	434,359,284
2015 - 2016 Forecasted Load (kWh)													
Residential	1,426,341,045	1,362,940,801	957,230,996	942,889,552	1,043,707,122	1,394,575,335	1,640,120,703	1,346,059,700	1,257,396,726	872,630,741	923,974,874	1,050,581,360	14,248,448,957
Commercial	1,346,542,981	1,300,849,589	1,143,129,847	1,252,383,140	1,093,103,937	1,151,305,063	1,169,981,916	1,082,466,238	1,172,064,631	1,008,089,953	1,238,356,376	1,285,963,734	14,244,237,405
Industrial	1,235,977,600	1,264,494,622	1,197,955,013	1,355,795,436	1,293,183,237	1,203,714,048	1,170,234,694	1,208,604,144	1,283,944,911	1,199,428,564	1,324,646,768	1,265,218,088	14,963,595,114
Other	9,098,569	9,332,611	9,438,248	11,787,009	11,968,105	11,395,592	12,095,367	10,635,718	11,117,294	10,182,912	9,908,100	9,940,871	125,960,395
Municipals	814,931	710,548	534,524	626,134	629,038	761,313	949,253	664,590	761,183	609,705	539,054	615,780	8,216,052
Total	4,018,775,125	3,938,328,171	3,348,288,628	3,563,262,366	3,402,410,344	3,751,711,350	3,993,381,933	3,648,630,391	3,725,284,741	3,497,525,167	3,497,525,167	3,611,919,933	43,590,457,932

20,787.7 MW

AEP East NSPL (1/30/2014 0800 EPT)

AEP Ohio 12 CP Allocation

Ohio Power Company
Monthly Projected Cost for Each Rate Schedule

METERED kWh:

	Forecast Sep-15	Forecast Oct-15	Forecast Nov-15	Forecast Dec-15	Forecast Jan-16	Forecast Feb-16	Forecast Mar-16	Forecast Apr-16	Forecast May-16	Forecast Jun-16	Forecast Jul-16	Forecast Aug-16	Forecast 2015/2016 Proposed Rates	
													kWh	Demand
Residential	995,654,491	940,706,855	1,041,358,248	1,382,323,446	1,637,917,820	1,344,413,005	1,255,601,391	871,166,980	922,193,203	1,048,928,843	1,424,435,228	1,360,793,208	Total	14,225,492,718
GS Non Demand	58,144,814	61,073,052	60,239,397	65,866,618	76,816,478	71,179,106	74,446,493	59,045,284	64,122,770	65,982,363	67,589,697	64,702,933		789,208,983
GS Secondary	944,162,993	991,488,215	926,267,434	912,123,481	968,164,012	906,324,691	982,978,011	842,478,597	995,660,022	1,048,740,537	1,088,250,225	1,049,338,383		11,665,978,600
GS Primary	518,253,017	531,583,869	555,977,689	477,744,082	478,865,036	468,958,302	542,950,974	478,604,125	518,927,125	548,424,689	561,873,585	540,295,632		6,221,463,006
GS Sub/Tran	815,159,357	1,016,195,428	798,150,405	892,189,147	809,083,954	839,835,082	838,079,095	820,644,984	977,801,117	882,246,179	859,125,782	905,033,793		10,451,543,324
Lighting	13,860,040	21,087,057	21,086,093	19,611,241	19,897,489	17,301,382	18,743,415	18,468,074	17,444,487	19,384,199	18,169,504	16,930,556		217,033,547
EHG	1,949,916	1,127,891	1,321,078	1,653,335	2,336,246	2,620,812	2,465,367	1,591,851	1,376,639	1,213,023	1,351,123	1,233,666		19,740,746
Total	3,348,268,628	3,563,262,366	3,402,410,344	3,751,711,350	3,993,381,333	3,648,630,391	3,725,284,744	3,090,939,874	3,497,325,162	3,611,919,833	4,018,775,125	3,938,328,171		43,590,457,923

DEMAND:

GS Secondary	2,756,567	3,111,668	2,931,839	2,472,804	2,576,934	2,524,414	2,855,114	2,558,319	3,142,770	2,990,050	3,114,800	3,086,168		34,121,449
GS Primary	1,112,655	1,193,058	1,246,002	989,785	1,012,816	1,030,039	1,203,891	1,075,879	1,169,359	1,201,884	1,217,877	1,196,778		13,649,825
GS Sub/Tran	1,653,384	2,009,269	1,651,875	1,801,563	1,634,769	1,734,165	1,776,471	1,726,947	1,872,313	1,829,668	1,745,779	1,836,465		21,277,569
EHG	5,709	7,613	8,785	8,536	10,146	9,856	10,224	8,682	9,020	7,282	6,745	6,323		98,920
Total	5,533,315	6,321,608	5,838,501	5,272,688	5,234,665	5,298,475	5,845,500	5,369,828	6,193,352	6,028,884	6,085,201	6,125,735		69,147,763

REVENUES:

Residential	\$ 12,815,368	\$ 12,108,120	\$ 13,403,634	\$ 17,792,300	\$ 21,082,132	\$ 17,304,343	\$ 16,161,222	\$ 11,213,052	\$ 11,869,825	\$ 13,501,078	\$ 18,334,333	\$ 17,515,178	0.0128713	\$ 183,100,584
GS Non Demand	563,045	591,401	583,328	637,819	743,852	689,263	720,903	571,765	620,933	638,940	654,505	626,551	0.0096835	\$ 7,642,305
GS Secondary	9,486,702	10,680,255	10,059,980	8,535,144	8,901,329	8,703,749	9,831,632	8,791,465	10,784,803	10,299,677	10,721,768	10,618,058	3.31	\$ 117,420,563
GS Primary	4,019,599	4,301,124	4,492,293	3,581,913	3,661,555	3,716,390	4,341,915	3,878,766	4,214,908	4,337,729	4,397,729	4,317,151	0.0003706	\$ 49,261,072
GS Sub/Tran	5,901,403	7,150,410	5,872,500	6,413,327	5,819,379	6,166,507	6,308,863	6,135,140	6,683,219	6,504,711	6,212,767	6,535,960	3.44	\$ 75,714,185
Lighting	54,682	72,704	72,735	67,616	68,947	59,652	64,824	56,572	60,145	55,489	55,749	58,373	0.0003632	\$ 748,288
EHG	22,602	26,729	31,090	37,346	48,566	49,145	48,057	34,312	32,172	27,248	27,839	25,921	0.0034478	\$ 411,027
Total	\$ 32,863,401	\$ 34,940,744	\$ 34,515,561	\$ 37,065,464	\$ 40,325,760	\$ 36,689,049	\$ 37,477,215	\$ 30,681,071	\$ 34,286,006	\$ 35,365,872	\$ 40,410,690	\$ 39,697,191	1.66	\$ 434,298,024

Ohio Power Company
Projected Transmission Cost Recovery Rider Rate Calculations
September 2015 - August 2016

	<u>Demand</u>	<u>Demand Cost</u>	Loss Adjusted <u>kWh Energy</u>	<u>Energy Cost</u>	<u>Total Cost</u>
Forecast					
Residential	3,178.3	\$ 177,638,527	14,225,492,718	\$ 5,461,697.63	\$ 183,100,225
GS Non Demand Secondary	131.3	7,339,290	789,208,983	303,007	\$ 7,642,297
GS Secondary	2,021.9	113,005,566	11,665,976,600	4,479,004	\$ 117,484,570
GS Primary	841.2	47,016,533	6,005,201,892	2,305,621	\$ 49,322,154
GS Sub/Tran	1,285.6	71,854,922	9,886,517,519	3,795,803	\$ 75,650,725
Lighting	11.9	664,959	217,033,547	83,327	\$ 748,286
EHG	7.2	403,448	19,740,746	7,579	\$ 411,027
Total	7,477.4	\$ 417,923,245	42,809,172,004	\$ 16,436,039	\$ 434,359,284

Reconciliation					
Residential	\$	-	\$	-	\$ -
GS Non Demand Secondary	\$	-	\$	-	\$ -
GS Secondary	\$	-	\$	-	\$ -
GS Primary	\$	-	\$	-	\$ -
GS Sub/Tran	\$	-	\$	-	\$ -
Lighting	\$	-	\$	-	\$ -
EHG	\$	-	\$	-	\$ -
Total	\$	-	\$	-	\$ -

Total					
Residential	\$	177,638,527	\$	5,461,698	\$ 183,100,225
GS Non Demand Secondary	\$	7,339,290	\$	303,007	\$ 7,642,297
GS Secondary	\$	113,005,566	\$	4,479,004	\$ 117,484,570
GS Primary	\$	47,016,533	\$	2,305,621	\$ 49,322,154
GS Sub/Tran	\$	71,854,922	\$	3,795,803	\$ 75,650,725
Lighting	\$	664,959	\$	83,327	\$ 748,286
EHG	\$	403,448	\$	7,579	\$ 411,027
Total	\$	417,923,245	\$	16,436,039	\$ 434,359,284

Ohio Power Company
Projected Basic Transmission Cost Rider Rate Calculations
September 2015 - August 2016

	Costs		Billing Units		Rates	
	<u>Demand Cost</u>	<u>Energy Cost</u>	<u>KW</u>	<u>kWh</u>	<u>Demand</u>	<u>Energy</u>
Residential	\$ 177,638,527	\$ 5,461,698	-	14,225,492,718		\$ 0.0128713
GS Non Demand Secondary	\$ 7,339,290	\$ 303,007	-	789,208,983		\$ 0.0096835
GS Secondary	\$ 113,005,566	\$ 4,479,004	34,121,449	11,665,976,600	\$ 3.31	\$ 0.0003839
GS Primary	\$ 47,016,533	\$ 2,305,621	13,649,825	6,221,462,006	\$ 3.44	\$ 0.0003706
GS Sub/Tran	\$ 71,854,922	\$ 3,795,803	21,277,569	10,451,543,324	\$ 3.38	\$ 0.0003632
Lighting	\$ 664,959	\$ 83,327	-	217,033,547		\$ 0.0034478
EHG	\$ 403,448	\$ 7,579	98,920	19,740,746	\$ 1.66	\$ 0.0125281
Total	\$ 417,923,245	\$ 16,436,039	69,147,763	43,590,457,923		

Ohio Power Company

	Metered		Loss	Units @ Secondary
	Energy	Demand	Factor	Energy
Residential	14,225,492,718	-	1.0000	14,225,492,718
GS Non Demand Secondary	789,208,983	-	1.0000	789,208,983
GS Secondary	11,665,976,600	34,121,449	1.0000	11,665,976,600
GS Primary	6,221,462,006	13,649,825	0.9652	6,005,201,892
GS Sub/Tran	10,451,543,324	21,277,569	0.9459	9,886,517,519
Lighting	217,033,547		1.0000	217,033,547
EHG	19,740,746	98,920	1.0000	19,740,746
	43,590,457,923	69,147,763		42,809,172,004

Ohio Power Company Class Contribution to NSPL			
Class	Metered	At Generation	
	Class <u>MW</u>	Loss <u>Factor</u>	Class <u>MW</u>
Residential	2,907	1.0932	3,178
GS Non Demand Secondary	120	1.0932	131
GS Secondary	1,849	1.0932	2,022
GS Primary	797	1.0552	841
GS Sub/Tran	1,243	1.0341	1,286
Lighting	11	1.0932	12
EHG	7	1.0932	7
Total	6,935		7,477

**Reconciliation of Cumulative (Over)/Under Recovery on Schedule D1
to Prior Year (Over)/Under Recovery on Schedule B-1**

	Ohio Power Company
Cumulative (Over)/Under Recovery on Schedule D-1	-
Cumulative Carrying Charges	-
Prior Year (Over)/Under Recovery on Schedule B-1	-

Monthly Revenues Collected From Each Rate Schedule
March - April 2015

Ohio Power Company

	<u>March 2015</u>	<u>April 2015</u>
Billed:		
Residential	-	-
GS Non Demand Second	-	-
GS Secondary	-	-
GS Primary	-	-
GS Sub/Tran	-	-
Lighting	-	-
	<u>-</u>	<u>-</u>
Estimated and Unbilled	-	-
Total:	-	-

2015

Example of Carrying Cost Calculation

Line No.	Description Monthly Activity for	<u>Mar-15</u>	<u>Apr-15</u>
1	Monthly (Over)/Under Recovery	-	-
2	Cumulative (Over)/Under Rec.	-	-
	Recorded In	<u>Apr-15</u>	<u>May-15</u>
	<u>Accrual of Carrying Charges</u>		
3	Current BTCR Expenditures	-	-
4	Accumulated Carrying Charges	-	-
5	Total	-	-
6	Debt Rate	6.06%	6.06%
	Current Month Carrying Cost		
7	Debt Portion (4210041) (4310001)	-	-
	Accumulated		
8	Accumulated Debt	-	-
	Account 1823383	-	-
	Account 4210041	-	-
	Account 2540203	-	-
	Account 4310001	-	-

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in

Case No(s). 15-1105-EL-RDR

Summary: Application of Ohio Power Company electronically filed by Mr. Steven T Nourse on behalf of Ohio Power Company