

**BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application of)	
Ohio Power Company to Update Its)	Case No. 20-95-EL-RDR
Basic Transmission Cost Rider)	

AMENDED APPLICATION

Ohio Power Company d/b/a AEP Ohio (“AEP Ohio” or the “Company”) submits this update to its application to update its Basic Transmission Cost Rider (“BTCR”).

1. The Company hereby incorporates its January 15, 2020 Application and January 16, 2020 correspondence into this Amended Application.
2. AEP Ohio has notified the sponsoring groups regarding the effect of the *pro rata* reallocation resulting from the 557 MW subscription referenced in the January 16, 2020 correspondence and is hereby submitting updated proposed rates for approval.
3. Specifically, the following information is provided with this application, which reflects the update to the BTCR:

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	Typical Bill Comparisons

Schedule C-3 Projected Transmission Cost Recovery Rider Rate
Calculations

Based upon the reasons stated above and the exhibits and work papers submitted with this docket, the Company requests that the Commission approve the Company's Amended Application.

Respectfully submitted,

/s/ Steven T. Nourse

Steven T. Nourse

American Electric Power Service Corporation

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Counsel for Ohio Power Company

P.U.C.O. NO. 20

BASIC TRANSMISSION COST RIDER

Effective Cycle 1 April 2020, 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	2.49269	
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	1.83178	
Demand Metered Secondary GS-2 GS-3	0.04501	5.45
Demand Metered Primary GS-2 GS-3 GS-4	0.04344	6.13
Demand Metered Subtransmission/Transmission GS-2 GS-3 GS-4	0.04257	5.38
Lighting AL SL	0.50947	
County Fair Transmission Supplement Secondary	1.83178	
County Fair Transmission Supplement Primary	1.08521	
Interim Pilot 1CP Secondary	0.04501	8.90
Interim Pilot 1CP Primary	0.04344	8.59
Interim Pilot 1CP Subtransmission/Transmission	0.04257	8.42

The Interim Pilot 1CP Demand rates for the Basic Transmission Cost Rider are limited to availability as established in Case No. 16-1852-EL-SSO. The monthly \$/kW for the Interim Pilot 1CP Basic Transmission rate will be based on the participating customer's demand during the single zonal transmission peak. The 1CP will be changed each January based on the customer's contribution to the single zonal transmission peak during the previous year.

This Rider is subject to reconciliation, including, but not limited to, refunds to customers, based upon the flow through impact to this Rider of changes to the Open Access Transmission Tariff approved by the Federal Energy Regulatory Commission (including changes related to the Tax Cuts and Jobs Act of 2017) or based upon the

Filed pursuant to Order dated XX, 2020 in Case No. XX-XXX-EL-RDR.

Issued: XXXXX XX, XXXX

Issued by
Raja Sundararajan, President
AEP Ohio

Effective: Cycle 1 April 2020

OHIO POWER COMPANY

Schedule A-1
Page 2 of 4
9th Revised Sheet No. 474-2
Cancels 8th Revised Sheet No. 474-2

P.U.C.O. NO. 20

BASIC TRANSMISSION COST RIDER

results of audits ordered by the Commission in accordance with the April 25, 2018 Opinion and Order in Case No. 16-1852-EL-SSO.

Filed pursuant to Order dated XX, 2020 in Case No. XX-XXX-EL-RDR.

Issued: XXXXX XX, XXXX

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Effective: Cycle 1 April 2020

P.U.C.O. NO. 20

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

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Schedule	¢/kWh	\$/kW
Residential RS, RR, RR-1, RS-ES, RS-TOD, RLM, RS-TOD2, CPP, RTP, and RDMS	2.49269	
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	1.83178	
Demand Metered Secondary GS-2 GS-3	0.04501	5.45
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Effective: Cycle 1 April 2020

OHIO POWER COMPANY

Schedule A-1
Page 4 of 4
9th Revised Sheet No. 474-2D
Cancels 8th Revised Sheet No. 474-2D

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OAD - BASIC TRANSMISSION COST RIDER
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P.U.C.O. NO. 20

BASIC TRANSMISSION COST RIDER

Effective Cycle 1 ~~May~~April 2019~~2020~~, 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	1.663 <u>232.49269</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	1.237 <u>251.83178</u>	
Demand Metered Secondary GS-2 GS-3	0.039 <u>140.04501</u>	3.855 <u>.45</u>
Demand Metered Primary GS-2 GS-3 GS-4	0.037 <u>780.04344</u>	4.516 <u>.13</u>
Demand Metered Subtransmission/Transmission GS-2 GS-3 GS-4	0.037 <u>030.04257</u>	4.105 <u>.38</u>
Lighting AL SL	0.714 <u>800.50947</u>	
County Fair Transmission Supplement Secondary	1.237 <u>251.83178</u>	
County Fair Transmission Supplement Primary	0.897 <u>091.08521</u>	
Interim Pilot 1CP Secondary	0.039 <u>140.04501</u>	6.328 <u>.90</u>
Interim Pilot 1CP Primary	0.037 <u>780.04344</u>	6.108 <u>.59</u>
Interim Pilot 1CP Subtransmission/Transmission	0.037 <u>030.04257</u>	5.988 <u>.42</u>

The Interim Pilot 1CP Demand rates for the Basic Transmission Cost Rider are limited to availability as established in Case No. 16-1852-EL-SSO. The monthly \$/kW for the Interim Pilot 1CP Basic Transmission rate will be based on the participating customer's demand during the single zonal transmission peak. The 1CP will be changed each January based on the customer's contribution to the single zonal transmission peak during the previous year.

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Filed pursuant to Order dated ~~March 27~~XX, 201920 in Case No. ~~19XX-133XXX~~-EL-RDR.

Issued: XXXXX XX, XXXX

Effective: Cycle 1 ~~May~~April 2019~~2020~~

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Raja Sundararajan, President
AEP Ohio

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BASIC TRANSMISSION COST RIDER

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Filed pursuant to Order dated ~~March 27~~^{XX}, 20~~19~~²⁰ in Case No. ~~19~~^{XX}-~~133~~^{XXX}-EL-RDR.

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Effective: Cycle 1 ~~May~~^{April} 20~~19~~²⁰

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Residential RS, RR, RR-1, RS-ES, RS-TOD, RLM, RS-TOD2, CPP, RTP, and RDMS	1.663232 <u>1.49269</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	1.237251 <u>1.83178</u>	
Demand Metered Secondary GS-2 GS-3	0.039140 <u>0.04501</u>	3.855 <u>4.45</u>
Demand Metered Primary GS-2 GS-3 GS-4	0.037780 <u>0.04344</u>	4.516 <u>13</u>
Demand Metered Subtransmission/Transmission GS-2 GS-3 GS-4	0.037030 <u>0.04257</u>	4.105 <u>38</u>
Lighting AL SL	0.714800 <u>0.50947</u>	
County Fair Transmission Supplement Secondary	1.237251 <u>1.83178</u>	
County Fair Transmission Supplement Primary	0.897091 <u>0.08521</u>	
Interim Pilot 1CP Secondary	0.039140 <u>0.04501</u>	6.328 <u>90</u>
Interim Pilot 1CP Primary	0.037780 <u>0.04344</u>	6.108 <u>59</u>
Interim Pilot 1CP Subtransmission/Transmission	0.037030 <u>0.04257</u>	5.988 <u>42</u>

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Effective: Cycle 1 ~~May~~April 20~~19~~20

Summary of Total Projected Transmission Costs / Revenues**Ohio Power Company**

	<u>(\$)</u>	
NITS	\$ 669,087,993	D
Transmission Enhancement Charges	\$ 58,691,937	D
Scheduling	\$ 3,102,990	E
Point to Point Revenues	\$ (3,710,355)	D
Reactive Supply Charges	\$ 16,223,639	E
Generation Deactivation Charges	\$ -	E
PJM Customer Default Costs	\$ 67,731	D/E
Total Transmission Costs	<u>\$ 743,463,934</u>	
(Over)/Under Collection	\$ (6,559,160)	O
Forecast Carrying Costs	<u>\$ (105,251)</u>	O
Rider Revenue Requirement	<u><u>\$ 736,799,524</u></u>	

D = Demand, E = Energy, O = Other \$ 736,799,524

Summary of Current versus Proposed Transmission Revenues

Ohio Power Company

	Forecast for April 2020 - March 2021					
	Metered kWh	Billed kW	Current BTCR	Proposed BTCR	Difference	% Difference
Residential	13,754,316,881	0	\$228,765,925	\$342,852,481	114,086,557	49.87%
GS Non Demand Secondary	788,960,413	0	\$9,761,413	\$14,452,019	4,690,606	48.05%
GS Non Demand Primary	7,479,121	0	\$67,094	\$81,164	14,070	20.97%
GS Secondary	11,406,634,716	33,452,661	\$133,257,303	\$187,451,016	54,193,713	40.67%
GS Primary	6,019,339,510	13,017,809	\$60,984,426	\$83,059,977	22,075,551	36.20%
GS Sub/Tran	11,190,929,791	14,647,868	\$64,200,260	\$88,005,044	23,804,785	37.08%
Lighting	208,185,146	0	\$1,488,107	\$1,060,641	(427,467)	-28.73%
Pilot Secondary				\$44,536		
Pilot Primary				\$636,118		
Pilot Sub/Tran				\$19,852,805		
Total	43,375,845,577	61,118,338	\$498,524,528	\$737,495,802	238,971,275	47.94%

Ohio Power Company
Summary of Current and Proposed Rates

	Forecast for April 2020 - March 2021				Forecast for April 2020 - March 2021				Proposed Rates based on Pilot Cap Requirements			
	Forecast for April 2020 - March 2021				Forecast for April 2020 - March 2021				Forecast for April 2020 - March 2021			
	Current BTCR Energy Rate	Proposed BTCR Energy Rate	Energy Difference	Energy % Difference	Current BTCR Demand Rate	Proposed BTCR Demand Rate	Demand Difference	Demand % Difference	Current BTCR Demand Rate	Proposed BTCR Demand Rate	Demand Difference	Demand % Difference
Residential	\$0.0166323	\$0.0249269	\$0.0082946	49.87%								
GS Non Demand Secondary	\$0.0123725	\$0.0183178	\$0.0059453	48.05%								
GS Non Demand Primary	\$0.0089709	\$0.0108521	\$0.0018812	20.97%								
GS Secondary	\$0.0003914	\$0.0004501	\$0.0000587	15.00%	\$3.85	\$5.45	\$1.60	41.56%	\$3.85	\$5.45	\$1.60	41.56%
GS Primary	\$0.0003778	\$0.0004344	\$0.0000566	14.98%	\$4.51	\$6.18	\$1.67	37.03%	\$4.51	\$6.13	\$1.62	35.92%
GS Sub/Tran	\$0.0003703	\$0.0004257	\$0.0000554	14.96%	\$4.10	\$5.69	\$1.59	38.78%	\$4.10	\$5.38	\$1.28	31.22%
Lighting	\$0.0071480	\$0.0050947	-\$0.0020533	-28.73%								
Pilot Secondary					\$6.32	\$8.80	\$2.48	39.24%	\$6.32	\$8.90	\$2.58	40.82%
Pilot Primary					\$6.10	\$8.49	\$2.39	39.18%	\$6.10	\$8.59	\$2.49	40.82%
Pilot Sub/Tran					\$5.98	\$8.32	\$2.34	39.13%	\$5.98	\$8.42	\$2.44	40.80%

**Ohio Power Company
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>
Residential	100		\$24.14	\$24.97	\$0.83	3.4%
	250		\$40.23	\$42.30	\$2.07	5.2%
	500		\$67.04	\$71.18	\$4.14	6.2%
	750		\$93.85	\$100.08	\$6.23	6.6%
	1,000		\$120.65	\$128.95	\$8.30	6.9%
	1,500		\$174.32	\$186.76	\$12.44	7.1%
	2,000		\$227.94	\$244.53	\$16.59	7.3%
GS-1 Secondary	375	3	\$60.89	\$63.12	\$2.23	3.7%
	1,000	3	\$110.32	\$116.27	\$5.95	5.4%
	750	6	\$90.55	\$95.01	\$4.46	4.9%
	2,000	6	\$189.38	\$201.27	\$11.89	6.3%
GS-2	1,500	12	\$262.44	\$281.73	\$19.29	7.4%
	4,000	12	\$418.13	\$437.56	\$19.43	4.7%
	6,000	30	\$732.28	\$780.63	\$48.35	6.6%
	10,000	30	\$981.04	\$1,029.63	\$48.59	5.0%
	10,000	40	\$1,086.47	\$1,151.06	\$64.59	5.9%
	14,000	40	\$1,335.23	\$1,400.05	\$64.82	4.9%
	12,500	50	\$1,347.38	\$1,428.12	\$80.74	6.0%
	18,000	50	\$1,687.74	\$1,768.79	\$81.05	4.8%
	15,000	75	\$1,766.44	\$1,887.32	\$120.88	6.8%
	30,000	100	\$2,954.46	\$3,116.22	\$161.76	5.5%
	36,000	100	\$3,324.24	\$3,486.35	\$162.11	4.9%
	30,000	150	\$3,481.64	\$3,723.40	\$241.76	6.9%
	60,000	300	\$6,912.03	\$7,395.56	\$483.53	7.0%
	90,000	300	\$8,760.90	\$9,246.18	\$485.28	5.5%
	100,000	500	\$11,485.90	\$12,291.77	\$805.87	7.0%
	150,000	500	\$14,567.34	\$15,376.15	\$808.81	5.6%
	180,000	500	\$16,416.17	\$17,226.74	\$810.57	4.9%

**Ohio Power Company
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	18,000	50	\$1,687.74	\$1,768.79	\$81.05	4.8%
Secondary	30,000	75	\$2,690.87	\$2,812.63	\$121.76	4.5%
	50,000	75	\$3,923.46	\$4,046.40	\$122.94	3.1%
	36,000	100	\$3,324.24	\$3,486.35	\$162.11	4.9%
	30,000	150	\$3,481.64	\$3,723.40	\$241.76	6.9%
	60,000	150	\$5,330.50	\$5,574.03	\$243.53	4.6%
	100,000	150	\$7,795.65	\$8,041.52	\$245.87	3.2%
	120,000	300	\$10,609.77	\$11,096.81	\$487.04	4.6%
	150,000	300	\$12,458.62	\$12,947.43	\$488.81	3.9%
	200,000	300	\$15,540.04	\$16,031.78	\$491.74	3.2%
	180,000	500	\$16,416.17	\$17,226.74	\$810.57	4.9%
	200,000	500	\$17,648.76	\$18,460.50	\$811.74	4.6%
	325,000	500	\$25,352.34	\$26,171.41	\$819.07	3.2%
GS-2	200,000	1,000	\$22,776.57	\$24,407.89	\$1,631.32	7.2%
Primary	300,000	1,000	\$28,769.70	\$30,406.68	\$1,636.98	5.7%
GS-3	360,000	1,000	\$32,365.58	\$34,005.95	\$1,640.37	5.1%
Primary	400,000	1,000	\$34,762.83	\$36,405.47	\$1,642.64	4.7%
	650,000	1,000	\$49,745.67	\$51,402.46	\$1,656.79	3.3%
GS-2						
Subtransmission	1,500,000	5,000	\$104,949.04	\$111,432.14	\$6,483.10	6.2%
GS-3	2,500,000	5,000	\$155,735.24	\$162,273.74	\$6,538.50	4.2%
Subtransmission	3,250,000	5,000	\$193,824.90	\$200,404.95	\$6,580.05	3.4%
GS-4	3,000,000	10,000	\$205,578.34	\$218,544.54	\$12,966.20	6.3%
Subtransmission	5,000,000	10,000	\$307,150.74	\$320,227.74	\$13,077.00	4.3%
	6,500,000	10,000	\$383,330.04	\$396,490.14	\$13,160.10	3.4%
	10,000,000	20,000	\$609,981.74	\$636,135.74	\$26,154.00	4.3%
	13,000,000	20,000	\$762,340.34	\$788,660.54	\$26,320.20	3.5%
GS-4	25,000,000	50,000	\$1,518,474.74	\$1,583,859.74	\$65,385.00	4.3%
Transmission	32,500,000	50,000	\$1,899,371.24	\$1,965,171.74	\$65,800.50	3.5%

* Typical bills assume 100% Power Factor

**Ohio Power Company
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		\$24.12	\$24.95	\$0.83	3.4%
	250		\$40.20	\$42.27	\$2.07	5.2%
	500		\$66.97	\$71.11	\$4.14	6.2%
RR Annual	750		\$93.75	\$99.98	\$6.23	6.7%
	1,000		\$120.50	\$128.80	\$8.30	6.9%
	1,500		\$174.09	\$186.53	\$12.44	7.2%
	2,000		\$227.65	\$244.24	\$16.59	7.3%
GS-1						
	375	3	57.96	60.19	\$2.23	3.9%
	1,000	3	118.36	124.31	\$5.95	5.0%
	750	6	94.20	98.66	\$4.46	4.7%
	2,000	6	214.98	226.87	\$11.89	5.5%
GS-2 Secondary						
	1,500	12	\$240.78	\$260.07	\$19.29	8.0%
	4,000	12	\$396.47	\$415.90	\$19.43	4.9%
	6,000	30	\$707.36	\$755.71	\$48.35	6.8%
	10,000	30	\$956.11	\$1,004.70	\$48.59	5.1%
	10,000	40	\$1,059.76	\$1,124.35	\$64.59	6.1%
	14,000	40	\$1,308.52	\$1,373.34	\$64.82	5.0%
	12,500	50	\$1,318.86	\$1,399.60	\$80.74	6.1%
	18,000	50	\$1,659.23	\$1,740.28	\$81.05	4.9%
	15,000	75	\$1,733.42	\$1,854.30	\$120.88	7.0%
	30,000	150	\$3,435.09	\$3,676.85	\$241.76	7.0%
	60,000	300	\$6,838.45	\$7,321.98	\$483.53	7.1%
	100,000	500	\$11,376.26	\$12,182.13	\$805.87	7.1%
GS-2 Primary						
	100,000	1,000	\$15,992.73	\$17,618.39	\$1,625.66	10.2%
GS-3 Secondary						
	30,000	75	\$2,657.85	\$2,779.61	\$121.76	4.6%
	50,000	75	\$3,890.44	\$4,013.38	\$122.94	3.2%
	30,000	100	\$2,916.93	\$3,078.69	\$161.76	5.6%
	36,000	100	\$3,286.70	\$3,448.81	\$162.11	4.9%
	60,000	150	\$5,283.95	\$5,527.48	\$243.53	4.6%

**Ohio Power Company
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>
	100,000	150	\$7,749.10	\$7,994.97	\$245.87	3.2%
	90,000	300	\$8,687.32	\$9,172.60	\$485.28	5.6%
	120,000	300	\$10,536.19	\$11,023.23	\$487.04	4.6%
	150,000	300	\$12,385.04	\$12,873.85	\$488.81	4.0%
	200,000	300	\$15,466.46	\$15,958.20	\$491.74	3.2%
	150,000	500	\$14,457.70	\$15,266.51	\$808.81	5.6%
	180,000	500	\$16,306.54	\$17,117.11	\$810.57	5.0%
	200,000	500	\$17,539.12	\$18,350.86	\$811.74	4.6%
	325,000	500	\$25,242.70	\$26,061.77	\$819.07	3.2%
GS-3						
Primary						
	300,000	1,000	\$27,978.99	\$29,615.97	\$1,636.98	5.9%
	360,000	1,000	\$31,574.88	\$33,215.25	\$1,640.37	5.2%
	400,000	1,000	\$33,972.12	\$35,614.76	\$1,642.64	4.8%
	650,000	1,000	\$48,954.96	\$50,611.75	\$1,656.79	3.4%
GS-4						
	1,500,000	5,000	\$105,726.73	\$112,209.83	\$6,483.10	6.1%
	2,500,000	5,000	\$156,512.93	\$163,051.43	\$6,538.50	4.2%
	3,250,000	5,000	\$194,602.59	\$201,182.64	\$6,580.05	3.4%
	3,000,000	10,000	\$206,356.03	\$219,322.23	\$12,966.20	6.3%
	5,000,000	10,000	\$307,928.43	\$321,005.43	\$13,077.00	4.3%
	6,500,000	10,000	\$384,107.73	\$397,267.83	\$13,160.10	3.4%
	6,000,000	20,000	\$407,614.63	\$433,547.03	\$25,932.40	6.4%
	10,000,000	20,000	\$610,759.43	\$636,913.43	\$26,154.00	4.3%
	13,000,000	20,000	\$763,118.03	\$789,438.23	\$26,320.20	3.5%
	15,000,000	50,000	\$1,011,390.43	\$1,076,221.43	\$64,831.00	6.4%
	25,000,000	50,000	\$1,519,252.43	\$1,584,637.43	\$65,385.00	4.3%
	32,500,000	50,000	\$1,900,148.93	\$1,965,949.43	\$65,800.50	3.5%

* Typical bills assume 100% Power Factor

Ohio Power Company
Projected Transmission Cost Recovery Rider Rate Calculations
April 2020 - March 2021

	<u>Demand</u>	<u>Demand Cost</u>	<u>Loss Adjusted kWh Energy</u>	<u>Energy Cost</u>	<u>Total Cost</u>
Forecast					
Residential	3,485.6	\$ 339,707,577	13,754,316,881	\$ 6,246,336.44	\$ 345,953,914
GS Non Demand Secondary	146.0	\$ 14,224,458	788,960,413	358,296	\$ 14,582,754
GS Non Demand Primary	0.8	\$ 78,620	7,219,144	3,278	\$ 81,898
GS Secondary	1,887.4	\$ 183,948,916	11,406,634,716	5,180,168	\$ 189,129,085
GS Primary	832.6	\$ 81,140,417	5,810,105,242	2,638,560	\$ 83,778,997
GS Sub/Tran	862.2	\$ 84,030,469	10,585,931,666	4,807,457	\$ 88,837,926
Lighting	10.0	\$ 975,697	208,185,146	94,544	\$ 1,070,242
Pilot Secondary	0.4	\$ 41,103			\$ 41,103
Pilot Primary	6.2	\$ 608,519			\$ 608,519
Pilot Sub/Tran	198.8	\$ 19,379,497			\$ 19,379,497
Total	7,430.1	\$ 724,135,273	42,561,353,208	\$ 19,328,661	\$ 743,463,934

Reconciliation					
Residential	\$	(3,045,139)		\$ (55,992)	\$ (3,101,131)
GS Non Demand Secondary	\$	(127,508)		\$ (3,212)	\$ (130,720)
GS Non Demand Primary	\$	(705)		\$ (29)	\$ (734)
GS Secondary	\$	(1,648,918)		\$ (46,435)	\$ (1,695,353)
GS Primary	\$	(727,343)		\$ (23,652)	\$ (750,995)
GS Sub/Tran	\$	(753,249)		\$ (43,094)	\$ (796,343)
Lighting	\$	(8,746)		\$ (847)	\$ (9,594)
Pilot Secondary	\$	(368)			\$ (368)
Pilot Primary	\$	(5,455)			\$ (5,455)
Pilot Sub/Tran	\$	(173,718)			\$ (173,718)
Total	\$	(6,491,148)		\$ (173,262)	\$ (6,664,410)

Total					
Residential	\$	336,662,439		\$ 6,190,344	\$ 342,852,783
GS Non Demand Secondary	\$	14,096,950		\$ 355,084	\$ 14,452,034
GS Non Demand Primary	\$	77,915		\$ 3,249	\$ 81,164
GS Secondary	\$	182,299,998		\$ 5,133,733	\$ 187,433,732
GS Primary	\$	80,413,074		\$ 2,614,928	\$ 83,028,002
GS Sub/Tran	\$	83,277,220		\$ 4,764,363	\$ 88,041,583
Lighting	\$	966,951		\$ 93,697	\$ 1,060,648
Pilot Secondary	\$	40,735			\$ 40,735
Pilot Primary	\$	603,064			\$ 603,064
Pilot Sub/Tran	\$	19,205,779			\$ 19,205,779
Total	\$	717,644,125		\$ 19,155,399	\$ 736,799,524

Ohio Power Company
Projected Basic Transmission Cost Rider Rate Calculations
April 2020 - March 2021

	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	\$ 336,662,439	\$ 6,190,344	-	13,754,316,881	\$	0.0249269
GS Non Demand Secondary	\$ 14,096,950	\$ 355,084	-	788,960,413	\$	0.0183178
GS Non Demand Primary	\$ 77,915	\$ 3,249	-	7,479,121	\$	0.0108521
GS Secondary	\$ 182,299,998	\$ 5,133,733	33,452,661	11,406,634,716	\$ 5.45	\$ 0.0004501
GS Primary	\$ 80,413,074	\$ 2,614,928	13,017,809	6,019,339,510	\$ 6.18	\$ 0.0004344
GS Sub/Tran	\$ 83,277,220	\$ 4,764,363	14,647,868	11,190,929,791	\$ 5.69	\$ 0.0004257
Lighting	\$ 966,951	\$ 93,697	-	208,185,146	\$	0.0050947
Pilot Secondary	\$ 40,735					
Pilot Primary	\$ 603,064					
Pilot Sub/Tran	\$ 19,205,779					
Total	\$ 717,644,125	\$ 19,155,399	61,118,338	43,375,845,577		
Pilot 1CP	Demand Cost		1CP	Loss Factor		
Secondary	\$ 717,644,125		89,161,165	1.0932	\$ 8.80	
Primary				1.0552	\$ 8.49	
Sub/Tran				1.0341	\$ 8.32	
Proposed Pilot 621.6MW (121.6 over 500MW Cap)					Adjusted Rates	
GS Secondary	\$ 182,271,661				\$ 5.45	
GS Primary	\$ 79,753,914				\$ 6.13	
GS Sub/Tran	\$ 78,855,168				\$ 5.38	
Pilot 1CP	Demand Cost		1CP	Loss Factor		
Secondary	\$ 725,999,346		89,161,165	1.0932	\$ 8.90	
Primary				1.0552	\$ 8.59	
Sub/Tran				1.0341	\$ 8.42	

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Case No(s). 20-0095-EL-RDR

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