

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Class and Schedule Revenue Summary
(Electric and Gas Utilities)

NEP Ex. 9

Line No.	Rate Code (A)	Class/ Descript. (B)	Proposed Annualized					
			Customer Bills (C)	Metered Sales kWh (D)	Proposed Rate (E)	Proposed Revenue (F)	% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
1	RS	Residential Service	15,396,282	13,798,248,786	4.61	\$635,480,997	54.88%	\$635,480,997
2	RS - TOU	Residential Time Of Day Service	8,999	10,915,980	4.19	\$457,547	0.04%	\$457,547
3	RS - RSDM	Residential Demand Meter	15	87,729	2.30	\$2,019	0.00%	\$2,019
4	GS	General Service - Unmetered	14,551	17,929,518	3.97	\$712,651	0.06%	\$712,651
5	GS	General Service - Secondary	1,475,265	714,478,675	6.63	\$47,350,534	4.09%	\$47,350,534
6	GS	General Service - Time of Day, Athletic Field	9,127	26,498,201	3.31	\$877,289	0.08%	\$877,289
7	GS	General Service - Secondary	645,601	4,858,724,506	3.44	\$167,100,669	14.43%	\$167,100,669
8	GS	General Service - Primary	5,409	666,856,861	2.97	\$19,806,848	1.71%	\$19,806,848
9	GS	General Service - Transmission	492	287,586,467	0.71	\$2,041,903	0.18%	\$2,041,903
10	GS	General Service - Transmission	14	23,290,546	0.53	\$123,601	0.01%	\$123,601
11	GS	General Service - Secondary	124,586	6,475,988,326	2.24	\$145,095,951	12.53%	\$145,095,951
12	GS	General Service - Primary	10,379	5,115,161,442	1.81	\$92,647,050	8.00%	\$92,647,050
13	GS	General Service - Transmission	878	1,119,364,579	0.56	\$6,238,888	0.54%	\$6,238,888
14	GS	General Service - Transmission	69	56,458,206	0.66	\$372,393	0.03%	\$372,393
15	GS	General Service - Primary	42	224,364,192	1.22	\$2,743,098	0.24%	\$2,743,098
16	GS	General Service - Transmission	388	3,075,797,105	0.12	\$3,832,842	0.33%	\$3,832,842
17	GS	General Service - Transmission	619	6,597,969,479	0.07	\$4,605,585	0.40%	\$4,605,585
18	EHG	Electric Heating General	4,315	14,189,396	3.23	\$457,650	0.04%	\$457,650
19	EHS	Electric Heating Schools	12	427,640	1.76	\$7,534	0.00%	\$7,534
20	SS	School Service	1,428	28,246,818	2.72	\$768,669	0.07%	\$768,669
21	FL PUMP	Flood Pumps	298	724,360	3.17	\$22,955	0.00%	\$22,955
22	OL	Outdoor Lighting	2,118,568	108,668,408	15.53	\$16,880,550	1.46%	\$16,880,550
23	SL	Street Lighting	1,239,027	98,875,065	10.42	\$10,304,917	0.89%	\$10,304,917
24		Distribution Retail Revenue	21,056,364	43,320,852,285	2.67	\$1,157,932,142	100.00%	\$1,157,932,142
25		Misc. Service Revenues						
26		Total						

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Current Annualized											
Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Metered Sales kWh (D)	Most Current Rate (J)	Current Annualized Revenue (K)	% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)	
1	RS - RR - RR1	Residential Service	15,396,282	13,798,248,786	4.94	\$681,553,005	55.77%	(\$46,072,008)	-6.76%	-6.76%	
2	RS - TOU	Residential Time Of Day Service	8,999	10,915,980	4.65	\$507,571	0.04%	(\$50,024)	-9.86%	-9.86%	
3	RS - RSDM	Residential Demand Meter	15	87,729	2.57	\$2,256	0.00%	(\$237)	-10.52%	-10.52%	
4	GS-1	General Service - Unmetered	14,551	17,929,518	4.37	\$783,275	0.06%	(\$70,623)	-9.02%	-9.02%	
5	GS-1	General Service - Metered	1,475,265	714,478,675	7.54	\$53,901,572	4.41%	(\$6,551,037)	-12.15%	-12.15%	
6	GS-2	General Service - Energy Storage; Time of Day, Athletic Field	9,127	26,498,201	3.56	\$942,022	0.08%	(\$64,733)	-6.87%	-6.87%	
7	GS-2	General Service - Low Load Factor - Secondary	645,601	4,858,724,506	3.58	\$173,911,882	14.23%	(\$6,811,213)	-3.92%	-3.92%	
8	GS-2	General Service - Low Load Factor - Primary	5,409	666,856,861	2.89	\$19,277,257	1.58%	\$529,591	2.75%	2.75%	
9	GS-2	General Service - Low Load Factor - Subtransmission	492	287,586,467	0.93	\$2,667,020	0.22%	(\$625,116)	-23.44%	-23.44%	
10	GS-2	General Service - Low Load Factor - Transmission	14	23,290,546	0.87	\$202,443	0.02%	(\$78,842)	-38.95%	-38.95%	
11	GS-3	General Service - Medium/High Load Factor - Secondary	124,586	6,475,988,326	2.21	\$143,182,498	11.72%	\$1,913,453	1.34%	1.34%	
12	GS-3	General Service - Medium/High Load Factor - Primary	10,379	5,115,161,442	1.81	\$92,685,491	7.58%	(\$38,441)	-0.04%	-0.04%	
13	GS-3	General Service - Medium/High Load Factor - Subtrans	878	1,119,364,579	0.68	\$7,589,221	0.62%	(\$1,350,334)	-17.79%	-17.79%	
14	GS-3	General Service - Medium/High Load Factor - Trans	69	56,458,206	0.77	\$435,428	0.04%	(\$63,035)	-14.48%	-14.48%	
15	GS-4	General Service - Large - Primary	42	224,364,192	1.20	\$2,682,558	0.22%	\$60,540	2.26%	2.26%	
16	GS-4	General Service - Large - Subtransmission	388	3,075,797,105	0.18	\$5,478,385	0.45%	(\$1,645,543)	-30.04%	-30.04%	
17	GS-4	General Service - Large - Transmission	619	6,597,969,479	0.10	\$6,701,445	0.55%	(\$2,095,860)	-31.27%	-31.27%	
18	EHG	Electric Heating General	4,315	14,189,396	4.37	\$619,915	0.05%	(\$162,266)	-26.18%	-26.18%	
19	EHS	Electric Heating Schools	12	427,640	1.05	\$4,501	0.00%	\$3,033	67.38%	67.38%	
20	SS	School Service	1,428	28,246,818	2.68	\$757,846	0.06%	\$10,823	1.43%	1.43%	
21	FL PUMP	Flood Pumps	298	724,360	3.59	\$26,031	0.00%	(\$3,076)	-11.82%	-11.82%	
22	OL	Outdoor Lighting	2,118,568	108,668,408	16.11	\$17,501,914	1.43%	(\$621,364)	-3.55%	-3.55%	
23	SL	Street Lighting	1,239,027	98,875,065	10.81	\$10,689,552	0.87%	(\$384,635)	-3.60%	-3.60%	
24		Distribution Retail Revenue	21,056,364	43,320,852,285	2.82	\$1,222,103,090	100.00%	(\$64,170,949)	-5.25%	-5.25%	
25		Misc. Service Revenues						\$0			
26		Total						(\$64,170,949)	-5.25%	-5.25%	

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Typical Bill Comparison
(Electric and Gas Utilities)

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I= D+G)	% Change (J=E÷H)
1											
2	OP RS		0	13.02	11.14	(1.88)	-14.44%	-	13.02	11.14	-14.44%
3			30	15.07	13.16	(1.92)	-12.72%	1.21	16.28	14.36	-11.78%
4			70	17.81	15.84	(1.97)	-11.05%	2.82	20.63	18.66	-9.54%
5			120	21.23	19.20	(2.03)	-9.56%	4.83	26.06	24.03	-7.79%
6			200	26.70	24.57	(2.13)	-7.97%	8.05	34.75	32.62	-6.13%
7			300	33.54	31.29	(2.25)	-6.72%	12.08	45.62	43.37	-4.94%
8			500	47.22	44.72	(2.50)	-5.30%	20.13	67.35	64.85	-3.71%
9			800	67.74	64.87	(2.87)	-4.24%	32.21	99.95	97.08	-2.87%
10			1,000	81.42	78.30	(3.12)	-3.83%	40.26	121.68	118.56	-2.57%
11			1,200	95.10	91.73	(3.37)	-3.54%	48.31	143.41	140.04	-2.35%
12			1,500	115.62	111.88	(3.74)	-3.24%	60.39	176.01	172.27	-2.13%
13			2,000	149.82	145.46	(4.36)	-2.91%	80.52	230.34	225.98	-1.89%
14			4,000	285.70	278.86	(6.84)	-2.40%	161.04	446.74	439.90	-1.53%
15			5,000	353.64	345.55	(8.08)	-2.29%	201.30	554.94	546.85	-1.46%
16			8,000	557.46	545.65	(11.81)	-2.12%	322.08	879.54	867.73	-1.34%
17			10,000	693.34	679.05	(14.29)	-2.06%	402.60	1,095.94	1,081.65	-1.30%
18			12,000	829.21	812.45	(16.77)	-2.02%	483.12	1,312.33	1,295.57	-1.28%
19			15,000	1,033.03	1,012.54	(20.49)	-1.98%	603.90	1,636.93	1,616.44	-1.25%
20											
21	OP RS-TOD										
22	On - Peak	25%	1,000	82.03	77.72	(4.31)	-5.26%	40.26	122.29	117.98	-3.53%
23	Off-Peak	75%	2,000	149.85	144.30	(5.55)	-3.71%	80.52	230.37	224.82	-2.41%
24			3,000	217.21	210.42	(6.80)	-3.13%	120.78	337.99	331.20	-2.01%
25			4,000	284.57	276.53	(8.04)	-2.82%	161.04	445.61	437.57	-1.80%
26			5,000	351.93	342.65	(9.28)	-2.64%	201.30	553.23	543.95	-1.68%
27			6,000	419.29	408.77	(10.52)	-2.51%	241.56	660.85	650.33	-1.59%
28			7,000	486.65	474.89	(11.76)	-2.42%	281.82	768.47	756.71	-1.53%
29			8,000	554.01	541.01	(13.00)	-2.35%	322.08	876.09	863.09	-1.48%

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1	OP RS-TOD										
2	On - Peak	30%	1,000	82.83	78.52	(4.31)	-5.21%	40.26	123.09	118.78	-3.50%
3	Off-Peak	70%	2,000	151.45	145.90	(5.55)	-3.67%	80.52	231.97	226.42	-2.39%
4			3,000	219.61	212.82	(6.80)	-3.09%	120.78	340.39	333.60	-2.00%
5			4,000	287.77	279.73	(8.04)	-2.79%	161.04	448.81	440.77	-1.79%
6			5,000	355.93	346.65	(9.28)	-2.61%	201.30	557.23	547.95	-1.66%
7			6,000	424.09	413.57	(10.52)	-2.48%	241.56	665.65	655.13	-1.58%
8			7,000	492.25	480.49	(11.76)	-2.39%	281.82	774.07	762.31	-1.52%
9			8,000	560.41	547.41	(13.00)	-2.32%	322.08	882.49	869.49	-1.47%
10	OP RS-TOD										
11	On - Peak	35%	1,000	83.63	79.32	(4.31)	-5.16%	40.26	123.89	119.58	-3.48%
12	Off-Peak	65%	2,000	153.05	147.50	(5.55)	-3.63%	80.52	233.57	228.02	-2.38%
13			3,000	222.01	215.21	(6.80)	-3.06%	120.78	342.79	335.99	-1.98%
14			4,000	290.97	282.93	(8.04)	-2.76%	161.04	452.01	443.97	-1.78%
15			5,000	359.93	350.65	(9.28)	-2.58%	201.30	561.23	551.95	-1.65%
16			6,000	428.89	418.37	(10.52)	-2.45%	241.56	670.45	659.93	-1.57%
17			7,000	497.84	486.09	(11.76)	-2.36%	281.82	779.66	767.91	-1.51%
18			8,000	566.80	553.80	(13.00)	-2.29%	322.08	888.88	875.88	-1.46%
19											
20	OP RS-ES										
21	On - Peak	15%	1,000	80.43	76.12	(4.31)	-5.36%	40.26	120.69	116.38	-3.57%
22	Off-Peak	85%	2,000	146.65	141.10	(5.55)	-3.79%	80.52	227.17	221.62	-2.45%
23			3,000	212.41	205.62	(6.80)	-3.20%	120.78	333.19	326.40	-2.04%
24			4,000	278.17	270.14	(8.04)	-2.89%	161.04	439.21	431.18	-1.83%
25			5,000	343.93	334.66	(9.28)	-2.70%	201.30	545.23	535.96	-1.70%
26			6,000	409.69	399.18	(10.52)	-2.57%	241.56	651.25	640.74	-1.61%
27			7,000	475.45	463.69	(11.76)	-2.47%	281.82	757.27	745.51	-1.55%
28			8,000	541.21	528.21	(13.00)	-2.40%	322.08	863.29	850.29	-1.51%

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1	OP RS-ES										
2	On - Peak	20%	1,000	81.23	76.92	(4.31)	-5.31%	40.26	121.49	117.18	-3.55%
3	Off-Peak	80%	2,000	148.25	142.70	(5.55)	-3.75%	80.52	228.77	223.22	-2.43%
4			3,000	214.81	208.02	(6.80)	-3.16%	120.78	335.59	328.80	-2.02%
5			4,000	281.37	273.34	(8.04)	-2.86%	161.04	442.41	434.38	-1.82%
6			5,000	347.93	338.65	(9.28)	-2.67%	201.30	549.23	539.95	-1.69%
7			6,000	414.49	403.97	(10.52)	-2.54%	241.56	656.05	645.53	-1.60%
8			7,000	481.05	469.29	(11.76)	-2.44%	281.82	762.87	751.11	-1.54%
9			8,000	547.61	534.61	(13.00)	-2.37%	322.08	869.69	856.69	-1.49%
10	OP RS-ES										
11	On - Peak	25%	1,000	82.03	77.72	(4.31)	-5.26%	40.26	122.29	117.98	-3.53%
12	Off-Peak	75%	2,000	149.85	144.30	(5.55)	-3.71%	80.52	230.37	224.82	-2.41%
13			3,000	217.21	210.42	(6.80)	-3.13%	120.78	337.99	331.20	-2.01%
14			4,000	284.57	276.53	(8.04)	-2.82%	161.04	445.61	437.57	-1.80%
15			5,000	351.93	342.65	(9.28)	-2.64%	201.30	553.23	543.95	-1.68%
16			6,000	419.29	408.77	(10.52)	-2.51%	241.56	660.85	650.33	-1.59%
17			7,000	486.65	474.89	(11.76)	-2.42%	281.82	768.47	756.71	-1.53%
18			8,000	554.01	541.01	(13.00)	-2.35%	322.08	876.09	863.09	-1.48%
19											
20	OP GS-1										
21	Unmetered		50	25.03	17.89	(7.14)	-28.51%	2.01	27.04	19.90	-26.39%
22			100	26.91	20.59	(6.32)	-23.48%	4.03	30.94	24.62	-20.43%
23			150	28.80	23.29	(5.51)	-19.12%	6.04	34.84	29.33	-15.80%
24			200	30.69	26.00	(4.69)	-15.28%	8.05	38.74	34.05	-12.11%
25			400	38.23	36.80	(1.43)	-3.74%	16.10	54.34	52.91	-2.63%
26			700	49.56	53.02	3.46	6.98%	28.18	77.74	81.20	4.45%
27			1,000	60.88	69.23	8.35	13.72%	40.26	101.14	109.49	8.26%
28			1,500	79.74	96.25	16.50	20.69%	60.39	140.13	156.64	11.78%
29			2,000	98.61	123.26	24.65	25.00%	80.52	179.13	203.78	13.76%
30			4,000	173.16	230.42	57.26	33.06%	161.04	334.20	391.46	17.13%
31			8,000	322.27	444.73	122.46	38.00%	322.08	644.35	766.81	19.01%
32			10,000	396.82	551.89	155.07	39.08%	402.60	799.42	954.49	19.40%
33			15,000	583.20	819.77	236.58	40.57%	603.90	1,187.10	1,423.67	19.93%
34			25,000	950.36	1,349.95	399.59	42.05%	1,006.50	1,956.86	2,356.45	20.42%

[illegible]

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1	OP GS-1										
2		1	600	54.16	47.32	(6.84)	-12.63%	24.16	78.32	71.47	-8.74%
3		2	700	57.93	52.05	(5.88)	-10.15%	28.18	86.11	80.24	-6.83%
4		2	800	61.71	56.79	(4.92)	-7.97%	32.21	93.91	89.00	-5.24%
5		2	900	65.48	61.52	(3.96)	-6.04%	36.23	101.71	97.76	-3.89%
6		3	1,200	76.80	75.73	(1.07)	-1.39%	48.31	125.11	124.04	-0.85%
7		3	1,400	84.35	85.20	0.85	1.01%	56.36	140.71	141.57	0.61%
8		4	1,600	91.90	94.67	2.78	3.02%	64.42	156.31	159.09	1.78%
9		4	1,800	99.44	104.14	4.70	4.73%	72.47	171.91	176.61	2.73%
10		5	2,100	110.72	118.30	7.59	6.85%	84.55	195.26	202.85	3.89%
11		5	2,400	121.90	132.37	10.47	8.59%	96.62	218.52	229.00	4.79%
12		6	2,700	133.08	146.44	13.36	10.04%	108.70	241.78	255.14	5.52%
13		6	2,800	136.81	151.13	14.32	10.47%	112.73	249.54	263.86	5.74%
14		7	3,000	144.27	160.51	16.24	11.26%	120.78	265.05	281.29	6.13%
15		7	3,200	151.72	169.89	18.17	11.97%	128.83	280.55	298.72	6.48%
16		8	3,500	162.90	183.96	21.05	12.92%	140.91	303.81	324.87	6.93%
17		8	3,600	166.63	188.65	22.02	13.21%	144.94	311.57	333.58	7.07%
18		9	4,000	181.54	207.40	25.86	14.25%	161.04	342.58	368.44	7.55%
19		10	4,500	200.18	230.85	30.67	15.32%	181.17	381.35	412.02	8.04%
20											
21	OP GS-2-										
22	Rec. Lighting		50	39.95	21.60	(18.35)	-45.92%	2.01	41.96	23.62	-43.72%
23			100	42.53	24.30	(18.23)	-42.87%	4.03	46.56	28.32	-39.16%
24			150	45.12	27.00	(18.12)	-40.17%	6.04	51.16	33.03	-35.43%
25			200	47.70	29.69	(18.01)	-37.76%	8.05	55.76	37.74	-32.30%
26			400	58.04	40.48	(17.57)	-30.26%	16.10	74.15	56.58	-23.69%
27			700	73.56	56.66	(16.90)	-22.97%	28.18	101.74	84.84	-16.61%
28			1,000	89.07	72.84	(16.23)	-18.22%	40.26	129.33	113.10	-12.55%
29			1,500	114.92	99.80	(15.12)	-13.15%	60.39	175.31	160.19	-8.62%
30			2,000	140.77	126.77	(14.00)	-9.95%	80.52	221.29	207.29	-6.33%
31			4,000	243.27	233.71	(9.55)	-3.93%	161.04	404.31	394.75	-2.36%
32			8,000	448.25	447.60	(0.65)	-0.14%	322.08	770.33	769.68	-0.08%
33			10,000	550.74	554.55	3.80	0.69%	402.60	953.34	957.15	0.40%
34			15,000	806.98	821.91	14.93	1.85%	603.90	1,410.88	1,425.81	1.06%
35			25,000	1,313.84	1,351.03	37.19	2.83%	1,006.50	2,320.34	2,357.53	1.60%

[illegible]

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I= D+G)	% Change (J=E÷H)
1	OP GS-2										
2	Primary										
3		10	1,000	275.12	279.46	4.34	1.58%	38.86	313.98	318.32	1.38%
4		10	2,000	296.10	300.38	4.28	1.44%	77.72	373.82	378.10	1.14%
5		10	3,000	316.62	320.83	4.21	1.33%	116.58	433.20	437.41	0.97%
6		25	2,500	467.05	478.15	11.10	2.38%	97.15	564.20	575.30	1.97%
7		25	5,000	518.35	529.29	10.94	2.11%	194.30	712.65	723.59	1.54%
8		25	7,500	569.65	580.43	10.79	1.89%	291.45	861.10	871.88	1.25%
9		50	5,000	786.16	808.54	22.38	2.85%	194.30	980.46	1,002.84	2.28%
10		50	10,000	888.76	910.82	22.06	2.48%	388.60	1,277.36	1,299.42	1.73%
11		50	15,000	991.36	1,013.10	21.74	2.19%	582.90	1,574.26	1,596.00	1.38%
12		75	7,500	1,105.27	1,138.92	33.65	3.04%	291.45	1,396.72	1,430.37	2.41%
13		75	15,000	1,259.17	1,292.34	33.17	2.63%	582.90	1,842.07	1,875.24	1.80%
14		75	22,500	1,408.87	1,441.57	32.70	2.32%	874.35	2,283.22	2,315.92	1.43%
15		100	10,000	1,424.38	1,469.30	44.92	3.15%	388.60	1,812.98	1,857.90	2.48%
16		100	20,000	1,626.78	1,671.07	44.29	2.72%	777.20	2,403.98	2,448.27	1.84%
17		100	30,000	1,826.38	1,870.04	43.66	2.39%	1,165.80	2,992.18	3,035.84	1.46%
18		200	20,000	2,698.02	2,788.04	90.02	3.34%	777.20	3,475.22	3,565.24	2.59%
19		200	40,000	3,097.22	3,185.97	88.75	2.87%	1,554.40	4,651.62	4,740.37	1.91%
20		200	60,000	3,496.42	3,583.91	87.48	2.50%	2,331.60	5,828.02	5,915.51	1.50%
21		500	50,000	6,510.56	6,735.85	225.29	3.46%	1,943.00	8,453.56	8,678.85	2.67%
22		500	100,000	7,508.56	7,730.68	222.13	2.96%	3,886.00	11,394.56	11,616.68	1.95%
23		500	150,000	8,506.56	8,725.52	218.96	2.57%	5,829.00	14,335.56	14,554.52	1.53%
24		1,000	100,000	12,864.78	13,315.53	450.76	3.50%	3,886.00	16,750.78	17,201.53	2.69%
25		1,000	200,000	14,860.78	15,305.20	444.43	2.99%	7,772.00	22,632.78	23,077.20	1.96%
26		1,000	300,000	16,856.78	17,294.87	438.10	2.60%	11,658.00	28,514.78	28,952.87	1.54%
27		3,000	300,000	38,281.65	39,634.26	1,352.61	3.53%	11,658.00	49,939.65	51,292.26	2.71%
28		3,000	600,000	44,269.65	45,603.27	1,333.62	3.01%	23,316.00	67,585.65	68,919.27	1.97%
29		3,000	900,000	50,102.07	51,416.69	1,314.63	2.62%	34,974.00	85,076.07	86,390.69	1.55%
30		7,000	700,000	89,115.41	92,271.72	3,156.31	3.54%	27,202.00	116,317.41	119,473.72	2.71%
31		7,000	1,400,000	101,770.72	104,882.72	3,112.00	3.06%	54,404.00	156,174.72	159,286.72	1.99%
32		7,000	2,100,000	114,117.18	117,184.87	3,067.69	2.69%	81,606.00	195,723.18	198,790.87	1.57%

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I= D+G)	% Change (J=E÷H)
1	OP GS-2										
2	Subtransmission										
3		10	1,000	812.41	885.03	72.62	8.94%	38.09	850.50	923.12	8.54%
4		10	2,000	829.31	901.87	72.56	8.75%	76.18	905.49	978.05	8.01%
5		10	3,000	845.76	918.25	72.49	8.57%	114.27	960.03	1,032.52	7.55%
6		25	2,500	910.88	971.56	60.68	6.66%	95.23	1,006.11	1,066.78	6.03%
7		25	5,000	952.00	1,012.51	60.52	6.36%	190.45	1,142.45	1,202.96	5.30%
8		25	7,500	993.11	1,053.47	60.36	6.08%	285.68	1,278.78	1,339.14	4.72%
9		50	5,000	1,074.25	1,115.01	40.77	3.79%	190.45	1,264.70	1,305.46	3.22%
10		50	10,000	1,156.47	1,196.92	40.45	3.50%	380.90	1,537.37	1,577.82	2.63%
11		50	15,000	1,238.69	1,278.83	40.13	3.24%	571.35	1,810.04	1,850.18	2.22%
12		75	7,500	1,237.61	1,258.47	20.86	1.69%	285.68	1,523.28	1,544.14	1.37%
13		75	15,000	1,360.94	1,381.33	20.38	1.50%	571.35	1,932.29	1,952.68	1.05%
14		75	22,500	1,480.08	1,499.99	19.91	1.35%	857.03	2,337.10	2,357.01	0.85%
15		100	10,000	1,400.97	1,401.92	0.95	0.07%	380.90	1,781.87	1,782.82	0.05%
16		100	20,000	1,562.61	1,562.93	0.32	0.02%	761.80	2,324.41	2,324.73	0.01%
17		100	30,000	1,721.46	1,721.15	(0.32)	-0.02%	1,142.70	2,864.16	2,863.85	-0.01%
18		200	20,000	2,051.61	1,972.93	(78.68)	-3.84%	761.80	2,813.41	2,734.73	-2.80%
19		200	40,000	2,369.31	2,289.36	(79.95)	-3.37%	1,523.60	3,892.91	3,812.96	-2.05%
20		200	60,000	2,687.00	2,605.78	(81.21)	-3.02%	2,285.40	4,972.40	4,891.18	-1.63%
21		500	50,000	3,995.15	3,677.57	(317.58)	-7.95%	1,904.50	5,899.65	5,582.07	-5.38%
22		500	100,000	4,789.38	4,468.64	(320.75)	-6.70%	3,809.00	8,598.38	8,277.64	-3.73%
23		500	150,000	5,583.61	5,259.70	(323.91)	-5.80%	5,713.50	11,297.11	10,973.20	-2.87%
24		1,000	100,000	7,234.38	6,518.64	(715.75)	-9.89%	3,809.00	11,043.38	10,327.64	-6.48%
25		1,000	200,000	8,822.84	8,100.77	(722.08)	-8.18%	7,618.00	16,440.84	15,718.77	-4.39%
26		1,000	300,000	10,411.30	9,682.90	(728.41)	-7.00%	11,427.00	21,838.30	21,109.90	-3.34%
27		3,000	300,000	20,191.30	20,632.99	441.69	2.19%	11,427.00	31,618.30	32,059.99	1.40%
28		3,000	600,000	24,956.68	25,379.38	422.70	1.69%	22,854.00	47,810.68	48,233.38	0.88%
29		3,000	900,000	29,566.48	29,970.19	403.71	1.37%	34,281.00	63,847.48	64,251.19	0.63%
30		7,000	700,000	46,105.14	43,361.51	(2,743.63)	-5.95%	26,663.00	72,768.14	70,024.51	-3.77%
31		7,000	1,400,000	55,907.68	53,119.74	(2,787.94)	-4.99%	53,326.00	109,233.68	106,445.74	-2.55%
32		7,000	2,100,000	65,401.36	62,569.11	(2,832.25)	-4.33%	79,989.00	145,390.36	142,558.11	-1.95%

Line No.	Rate Code		Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I= D+G)	% Change (J=E÷H)
1	OP GS-3											
2	Secondary		10	3,500	222.40	200.38	(22.02)	-9.90%	140.91	363.31	341.29	-6.06%
3			10	4,500	243.20	221.12	(22.09)	-9.08%	181.17	424.37	402.29	-5.20%
4			10	5,500	264.01	241.86	(22.15)	-8.39%	221.43	485.44	463.29	-4.56%
5			25	8,750	491.03	471.21	(19.82)	-4.04%	352.28	843.31	823.49	-2.35%
6			25	11,250	543.04	523.06	(19.98)	-3.68%	452.93	995.96	975.98	-2.01%
7			25	13,750	595.04	574.90	(20.14)	-3.38%	553.58	1,148.61	1,128.48	-1.75%
8			50	17,500	937.35	921.20	(16.15)	-1.72%	704.55	1,641.90	1,625.75	-0.98%
9			50	22,500	1,038.56	1,022.09	(16.47)	-1.59%	905.85	1,944.41	1,927.94	-0.85%
10			50	27,500	1,139.76	1,122.98	(16.79)	-1.47%	1,107.15	2,246.91	2,230.13	-0.75%
11			75	26,250	1,380.17	1,367.68	(12.49)	-0.90%	1,056.83	2,436.99	2,424.51	-0.51%
12			75	33,750	1,531.98	1,519.02	(12.96)	-0.85%	1,358.78	2,890.75	2,877.79	-0.45%
13			75	41,250	1,683.79	1,670.35	(13.44)	-0.80%	1,660.73	3,344.51	3,331.08	-0.40%
14			100	35,000	1,822.98	1,814.16	(8.82)	-0.48%	1,409.10	3,232.08	3,223.26	-0.27%
15			100	45,000	2,025.40	2,015.94	(9.45)	-0.47%	1,811.70	3,837.10	3,827.64	-0.25%
16			100	55,000	2,227.81	2,217.72	(10.09)	-0.45%	2,214.30	4,442.11	4,432.02	-0.23%
17			200	70,000	3,594.25	3,600.10	5.85	0.16%	2,818.20	6,412.45	6,418.30	0.09%
18			200	90,000	3,999.08	4,003.66	4.59	0.11%	3,623.40	7,622.48	7,627.06	0.06%
19			200	110,000	4,403.90	4,407.22	3.32	0.08%	4,428.60	8,832.50	8,835.82	0.04%
20			500	175,000	8,908.06	8,957.92	49.86	0.56%	7,045.50	15,953.56	16,003.42	0.31%
21			500	225,000	9,920.12	9,966.82	46.70	0.47%	9,058.50	18,978.62	19,025.32	0.25%
22			500	275,000	10,932.19	10,975.72	43.53	0.40%	11,071.50	22,003.69	22,047.22	0.20%
23			1,000	350,000	17,764.40	17,887.62	123.22	0.69%	14,091.00	31,855.40	31,978.62	0.39%
24			1,000	450,000	19,788.53	19,905.42	116.89	0.59%	18,117.00	37,905.53	38,022.42	0.31%
25			1,000	550,000	21,812.66	21,923.22	110.56	0.51%	22,143.00	43,955.66	44,066.22	0.25%
26			3,000	1,050,000	52,685.85	53,102.49	416.63	0.79%	42,273.00	94,958.85	95,375.49	0.44%
27			3,000	1,350,000	58,061.58	58,459.23	397.64	0.68%	54,351.00	112,412.58	112,810.23	0.35%
28			3,000	1,650,000	63,437.31	63,815.97	378.65	0.60%	66,429.00	129,866.31	130,244.97	0.29%
29			7,000	2,450,000	120,285.52	121,288.98	1,003.46	0.83%	98,637.00	218,922.52	219,925.98	0.46%
30			7,000	3,150,000	132,828.89	133,788.04	959.15	0.72%	126,819.00	259,647.89	260,607.04	0.37%
31			7,000	3,850,000	145,372							

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I= D+G)	% Change (J=E÷H)
1	OP GS-3										
2	Primary	10	3,500	326.88	331.06	4.18	1.28%	136.01	462.89	467.07	0.90%
3		10	4,500	347.40	351.52	4.12	1.19%	174.87	522.27	526.39	0.79%
4		10	5,500	367.92	371.98	4.05	1.10%	213.73	581.65	585.71	0.70%
5		25	8,750	595.30	606.01	10.71	1.80%	340.03	935.32	946.03	1.14%
6		25	11,250	646.60	657.15	10.55	1.63%	437.18	1,083.77	1,094.32	0.97%
7		25	13,750	697.90	708.29	10.39	1.49%	534.33	1,232.22	1,242.61	0.84%
8		50	17,500	1,041.26	1,062.84	21.59	2.07%	680.05	1,721.31	1,742.89	1.25%
9		50	22,500	1,141.06	1,162.33	21.27	1.86%	874.35	2,015.41	2,036.68	1.06%
10		50	27,500	1,240.86	1,261.81	20.95	1.69%	1,068.65	2,309.51	2,330.46	0.91%
11		75	26,250	1,483.72	1,516.18	32.46	2.19%	1,020.08	2,503.79	2,536.26	1.30%
12		75	33,750	1,633.42	1,665.41	31.99	1.96%	1,311.53	2,944.94	2,976.93	1.09%
13		75	41,250	1,783.12	1,814.63	31.51	1.77%	1,602.98	3,386.09	3,417.61	0.93%
14		100	35,000	1,926.18	1,969.52	43.34	2.25%	1,360.10	3,286.28	3,329.62	1.32%
15		100	45,000	2,125.78	2,168.49	42.71	2.01%	1,748.70	3,874.48	3,917.19	1.10%
16		100	55,000	2,325.38	2,367.46	42.07	1.81%	2,137.30	4,462.68	4,504.76	0.94%
17		200	70,000	3,696.02	3,782.88	86.85	2.35%	2,720.20	6,416.22	6,503.08	1.35%
18		200	90,000	4,095.22	4,180.81	85.58	2.09%	3,497.40	7,592.62	7,678.21	1.13%
19		200	110,000	4,494.42	4,578.74	84.32	1.88%	4,274.60	8,769.02	8,853.34	0.96%
20		500	175,000	9,005.56	9,222.94	217.38	2.41%	6,800.50	15,806.06	16,023.44	1.38%
21		500	225,000	10,003.56	10,217.77	214.22	2.14%	8,743.50	18,747.06	18,961.27	1.14%
22		500	275,000	11,001.56	11,212.61	211.05	1.92%	10,686.50	21,688.06	21,899.11	0.97%
23		1,000	350,000	17,854.78	18,289.71	434.93	2.44%	13,601.00	31,455.78	31,890.71	1.38%
24		1,000	450,000	19,850.78	20,279.38	428.60	2.16%	17,487.00	37,337.78	37,766.38	1.15%
25		1,000	550,000	21,846.78	22,269.05	422.27	1.93%	21,373.00	43,219.78	43,642.05	0.98%
26		3,000	1,050,000	52,747.74	54,052.87	1,305.13	2.47%	40,803.00	93,550.74	94,855.87	1.40%
27		3,000	1,350,000	58,039.08	59,325.22	1,286.14	2.22%	52,461.00	110,500.08	111,786.22	1.16%
28		3,000	1,650,000	63,330.42	64,597.57	1,267.15	2.00%	64,119.00	127,449.42	128,716.57	0.99%
29		7,000	2,450,000	120,290.41	123,335.95	3,045.54	2.53%	95,207.00	215,497.41	218,542.95	1.41%
30		7,000	3,150,000	132,636.87	135,638.10	3,001.23	2.26%	122,409.00	255,045.87	258,047.10	1.18%
31		7,000	3,850,000	144,983.33	147,940.25	2,956.92	2.04%	149,611.00	294,594.33	297,551.25	1.00%
32											

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I= D+G)	% Change (J=E÷H)
1	OP GS-3										
2	Subtransmission	10	3,500	853.98	926.44	72.46	8.49%	133.32	987.29	1,059.76	7.34%
3		10	4,500	870.42	942.82	72.40	8.32%	171.41	1,041.83	1,114.23	6.95%
4		10	5,500	886.87	959.20	72.34	8.16%	209.50	1,096.36	1,168.70	6.60%
5		25	8,750	1,013.66	1,073.94	60.28	5.95%	333.29	1,346.95	1,407.23	4.48%
6		25	11,250	1,054.77	1,114.90	60.12	5.70%	428.51	1,483.29	1,543.41	4.05%
7		25	13,750	1,095.89	1,155.85	59.96	5.47%	523.74	1,619.62	1,679.59	3.70%
8		50	17,500	1,278.40	1,318.38	39.98	3.13%	666.58	1,944.98	1,984.95	2.06%
9		50	22,500	1,357.83	1,397.49	39.66	2.92%	857.03	2,214.85	2,254.51	1.79%
10		50	27,500	1,437.25	1,476.59	39.34	2.74%	1,047.48	2,484.72	2,524.07	1.58%
11		75	26,250	1,539.64	1,559.32	19.67	1.28%	999.86	2,539.51	2,559.18	0.77%
12		75	33,750	1,658.78	1,677.98	19.20	1.16%	1,285.54	2,944.32	2,963.51	0.65%
13		75	41,250	1,777.91	1,796.64	18.72	1.05%	1,571.21	3,349.13	3,367.85	0.56%
14		100	35,000	1,800.88	1,800.25	(0.63)	-0.04%	1,333.15	3,134.03	3,133.40	-0.02%
15		100	45,000	1,959.73	1,958.46	(1.27)	-0.06%	1,714.05	3,673.78	3,672.51	-0.03%
16		100	55,000	2,118.58	2,116.68	(1.90)	-0.09%	2,094.95	4,213.53	4,211.63	-0.05%
17		200	70,000	2,845.84	2,764.00	(81.85)	-2.88%	2,666.30	5,512.14	5,430.30	-1.48%
18		200	90,000	3,163.54	3,080.42	(83.11)	-2.63%	3,428.10	6,591.64	6,508.52	-1.26%
19		200	110,000	3,481.23	3,396.85	(84.38)	-2.42%	4,189.90	7,671.13	7,586.75	-1.10%
20		500	175,000	5,980.73	5,655.23	(325.49)	-5.44%	6,665.75	12,646.48	12,320.98	-2.57%
21		500	225,000	6,774.96	6,446.30	(328.66)	-4.85%	8,570.25	15,345.21	15,016.55	-2.14%
22		500	275,000	7,569.19	7,237.36	(331.82)	-4.38%	10,474.75	18,043.94	17,712.11	-1.84%
23		1,000	350,000	11,205.53	10,473.96	(731.57)	-6.53%	13,331.50	24,537.03	23,805.46	-2.98%
24		1,000	450,000	12,793.99	12,056.09	(737.90)	-5.77%	17,140.50	29,934.49	29,196.59	-2.47%
25		1,000	550,000	14,382.45	13,638.22	(744.23)	-5.17%	20,949.50	35,331.95	34,587.72	-2.11%
26		3,000	1,050,000	31,600.84	31,995.05	394.22	1.25%	39,994.50	71,595.34	71,989.55	0.55%
27		3,000	1,350,000	35,669.56	36,044.78	375.23	1.05%	51,421.50	87,091.06	87,466.28	0.43%
28		3,000	1,650,000	39,738.28	40,094.51	356.24	0.90%	62,848.50	102,586.78	102,943.01	0.35%

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I= D+G)	% Change (J=E÷H)
1	OP GS-4										
2	Primary	3,000	1,200,000	55,393.41	56,689.04	1,295.64	2.34%	46,632.00	102,025.41	103,321.04	1.27%
3		3,000	1,500,000	60,684.75	61,961.39	1,276.65	2.10%	58,290.00	118,974.75	120,251.39	1.07%
4		3,000	1,800,000	65,976.09	67,233.74	1,257.66	1.91%	69,948.00	135,924.09	137,181.74	0.93%
5		5,000	2,000,000	90,928.53	93,088.03	2,159.51	2.37%	77,720.00	168,648.53	170,808.03	1.28%
6		5,000	2,500,000	99,747.43	101,875.28	2,127.86	2.13%	97,150.00	196,897.43	199,025.28	1.08%
7		5,000	3,000,000	108,566.33	110,662.53	2,096.21	1.93%	116,580.00	225,146.33	227,242.53	0.93%
8		8,000	3,200,000	144,231.20	147,686.52	3,455.32	2.40%	124,352.00	268,583.20	272,038.52	1.29%
9		8,000	4,000,000	158,341.44	161,746.12	3,404.68	2.15%	155,440.00	313,781.44	317,186.12	1.09%
10		8,000	4,800,000	172,451.68	175,805.72	3,354.04	1.94%	186,528.00	358,979.68	362,333.72	0.93%
11		20,000	8,000,000	357,441.91	366,080.46	8,638.55	2.42%	310,880.00	668,321.91	676,960.46	1.29%
12		20,000	10,000,000	392,717.51	401,229.46	8,511.95	2.17%	388,600.00	781,317.51	789,829.46	1.09%
13		20,000	12,000,000	427,993.11	436,378.46	8,385.35	1.96%	466,320.00	894,313.11	902,698.46	0.94%
14		50,000	20,000,000	890,468.69	912,065.31	21,596.62	2.43%	777,200.00	1,667,668.69	1,689,265.31	1.30%
15		50,000	25,000,000	978,657.69	999,937.81	21,280.12	2.17%	971,500.00	1,950,157.69	1,971,437.81	1.09%
16		50,000	30,000,000	1,066,846.69	1,087,810.31	20,963.62	1.97%	1,165,800.00	2,232,646.69	2,253,610.31	0.94%
17		125,000	50,000,000	2,223,035.62	2,277,027.43	53,991.81	2.43%	1,943,000.00	4,166,035.62	4,220,027.43	1.30%
18		125,000	62,500,000	2,443,508.12	2,496,708.68	53,200.56	2.18%	2,428,750.00	4,872,258.12	4,925,458.68	1.09%
19		125,000	75,000,000	2,663,980.62	2,716,389.93	52,409.31	1.97%	2,914,500.00	5,578,480.62	5,630,889.93	0.94%
20											
21	OP GS-4										
22	Subtransmission	3,000	1,200,000	33,635.20	34,019.92	384.72	1.14%	45,708.00	79,343.20	79,727.92	0.48%
23		3,000	1,500,000	37,703.92	38,069.65	365.73	0.97%	57,135.00	94,838.92	95,204.65	0.39%
24		3,000	1,800,000	41,772.64	42,119.38	346.74	0.83%	68,562.00	110,334.64	110,681.38	0.31%
25		5,000	2,000,000	54,265.12	53,019.20	(1,245.92)	-2.30%	76,180.00	130,445.12	129,199.20	-0.96%
26		5,000	2,500,000	61,046.32	59,768.75	(1,277.57)	-2.09%	95,225.00	156,271.32	154,993.75	-0.82%
27		5,000	3,000,000	67,827.52	66,518.30	(1,309.22)	-1.93%	114,270.00	182,097.52	180,788.30	-0.72%
28		8,000	3,200,000	85,210.00	81,518.12	(3,691.88)	-4.33%	121,888.00	207,098.00	203,406.12	-1.78%
29		8,000	4,000,000	96,059.92	92,317.40	(3,742.52)	-3.90%	152,360.00	248,419.92	244,677.40	-1.51%
30		8,000	4,800,000	106,909.84	103,116.68	(3,793.16)	-3.55%	182,832.00	289,741.84	285,948.68	-1.31%
31		20,000	8,000,000	208,989.52	195,513.80	(13,475.72)	-6.45%	304,720.00	513,709.52	500,233.80	-2.62%
32		20,000	10,000,000	236,114.32	222,512.00	(13,602.32)	-5.76%	380,900.00	617,014.32	603,412.00	-2.20%
33		20,000	12,000,000	263,239.12	249,510.20	(13,728.92)	-5.22%	457,080.00	720,319.12	706,590.20	-1.91%
34		50,000	20,000,000	518,438.32	480,503.00	(37,935.32)	-7.32%	761,800.00	1,280,238.32	1,242,303.00	-2.96%

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OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I= D+G)	% Change (J=E÷H)
1	OP SS										
2		10	1,500	135.73	99.80	(35.92)	-26.47%	60.39	196.12	160.19	-18.32%
3		10	3,000	212.60	180.24	(32.36)	-15.22%	120.78	333.38	301.02	-9.71%
4		10	4,500	289.24	260.45	(28.79)	-9.95%	181.17	470.41	441.62	-6.12%
5		20	2,000	161.50	126.77	(34.73)	-21.51%	80.52	242.02	207.29	-14.35%
6		20	4,000	263.70	233.71	(29.98)	-11.37%	161.04	424.74	394.75	-7.06%
7		20	6,000	365.89	340.66	(25.23)	-6.90%	241.56	607.45	582.22	-4.15%
8		40	5,000	314.79	287.19	(27.61)	-8.77%	201.30	516.09	488.49	-5.35%
9		40	7,500	442.53	420.87	(21.66)	-4.90%	301.95	744.48	722.82	-2.91%
10		40	10,000	570.27	554.55	(15.72)	-2.76%	402.60	972.87	957.15	-1.62%
11		50	10,000	570.27	554.55	(15.72)	-2.76%	402.60	972.87	957.15	-1.62%
12		50	15,000	825.75	821.91	(3.84)	-0.47%	603.90	1,429.65	1,425.81	-0.27%
13		50	20,000	1,078.43	1,086.47	8.04	0.75%	805.20	1,883.63	1,891.67	0.43%
14		100	20,000	1,078.43	1,086.47	8.04	0.75%	805.20	1,883.63	1,891.67	0.43%
15		100	25,000	1,331.10	1,351.03	19.92	1.50%	1,006.50	2,337.60	2,357.53	0.85%
16		100	30,000	1,583.78	1,615.59	31.81	2.01%	1,207.80	2,791.58	2,823.39	1.14%
17		200	40,000	2,089.14	2,144.71	55.57	2.66%	1,610.40	3,699.54	3,755.11	1.50%
18		200	60,000	3,099.85	3,202.95	103.10	3.33%	2,415.60	5,515.45	5,618.55	1.87%
19		300	60,000	3,099.85	3,202.95	103.10	3.33%	2,415.60	5,515.45	5,618.55	1.87%
20		300	80,000	4,110.57	4,261.19	150.63	3.66%	3,220.80	7,331.37	7,481.99	2.05%
21		400	80,000	4,110.57	4,261.19	150.63	3.66%	3,220.80	7,331.37	7,481.99	2.05%
22		400	120,000	6,131.99	6,377.68	245.69	4.01%	4,831.20	10,963.19	11,208.88	2.24%
23											
24	OP OL										
25		Lamp Size									
26	Mercury Vapor										
27		7,000 Lumen	72	9.82	12.45	2.63	26.81%	2.90	12.72	15.35	20.70%
28		20,000 Lumen	158	13.76	19.26	5.51	40.02%	6.36	20.12	25.62	27.37%
29											
30	High Pressure Sodium										
31		9,000 Lumen	40	8.19	9.77	1.58	19.34%	1.61	9.80	11.38	16.16%
32		22,000 Lumen	84	10.39	12.85	2.46	23.66%	3.38	13.78	16.24	17.85%
33											
34	Incandescent										
35		2,500 Lumen	63	11.97	13.87	1.90	15.85%	2.54	14.51	16.41	13.08%
36		4,000 Lumen	98	13.45	14.50	1.05	7.80%	3.95	17.40	18.45	6.03%

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I= D+G)	% Change (J=E÷H)
1	OP OL (cont'd)										
2	MV Floodlight										
3			158	16.61	19.26	2.65	15.97%	6.36	22.97	25.62	11.55%
4			378	22.60	25.16	2.55	11.30%	15.22	37.82	40.37	6.76%
5											
6	HPS Floodlight										
7			84	10.36	12.85	2.49	24.03%	3.38	13.74	16.24	18.12%
8			167	12.84	16.72	3.88	30.24%	6.72	19.56	23.44	19.84%
9											
10	MH Floodlight										
11			100	13.00	15.55	2.55	19.58%	4.03	17.03	19.58	14.95%
12			158	13.16	16.03	2.87	21.81%	6.36	19.52	22.39	14.71%
13											
14	Post Top-MV										
15			72	16.04	20.65	4.61	28.77%	2.90	18.94	23.55	24.36%
16											
17	Post Top-HPS										
18			40	14.72	19.48	4.76	32.32%	1.61	16.33	21.09	29.13%
19											
20	Facilities Charges:										
21	Underground circuit per 25 feet over 30 feet		0	0.86	-	(0.86)	-100.00%	-	0.86	-	-100.00%
22											
23	OP SL										
24	On Wood Pole										
25	7,000 lumen mercury vapor		72	7.06	8.02	0.96	13.62%	2.90	9.96	10.92	9.65%
26	11,000 lumen mercury vapor		100	8.46	8.84	0.38	4.53%	4.03	12.48	12.87	3.07%
27	20,000 lumen mercury vapor		158	9.98	13.23	3.25	32.56%	6.36	16.34	19.59	19.88%
28	50,000 lumen mercury vapor		378	19.75	28.52	8.78	44.45%	15.22	34.97	43.74	25.10%
29	9,000 lumen high pressure sodium		40	5.82	7.52	1.70	29.23%	1.61	7.43	9.13	22.89%
30	16,000 lumen high pressure sodium		59	6.26	8.07	1.81	28.99%	2.38	8.63	10.45	21.01%
31	22,000 lumen high pressure sodium		84	7.48	10.89	3.41	45.63%	3.38	10.86	14.27	31.42%
32	50,000 lumen high pressure sodium		167	9.47	17.29	7.83	82.67%	6.72	16.19	24.02	48.34%
33	9,000 lumen high pressure sodium (post 1988)		40	14.80	7.52	(7.28)	-49.19%	1.61	16.41	9.13	-44.37%
34	16,000 lumen high pressure sodium (post 1988)		59	15.24	8.07	(7.17)	-47.04%	2.38	17.62	10.45	-40.70%
35	22,000 lumen high pressure sodium (post 1988)		84	16.48	10.89	(5.59)	-33.90%	3.38	19.86	14.27	-28.13%
36	50,000 lumen high pressure sodium (post 1988)		167	18.48	17.29	(1.19)	-6.42%	6.72	25.20	24.02	-4.71%

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1	OP SL (cont'd)										
2	On Metal Pole:										
3	7,000 lumen mercury vapor		72	12.45	8.02	(4.43)	-35.60%	2.90	15.35	10.92	-28.87%
4	11,000 lumen mercury vapor		100	14.90	8.84	(6.06)	-40.67%	4.03	18.93	12.87	-32.02%
5	20,000 lumen mercury vapor		158	16.91	13.23	(3.68)	-21.77%	6.36	23.27	19.59	-15.82%
6	50,000 lumen mercury vapor		378	27.35	28.52	1.17	4.29%	15.22	42.57	43.74	2.76%
7	9,000 lumen high pressure sodium		40	13.41	7.52	(5.89)	-43.91%	1.61	15.02	9.13	-39.20%
8	16,000 lumen high pressure sodium		59	13.81	8.07	(5.74)	-41.57%	2.38	16.19	10.45	-35.47%
9	22,000 lumen high pressure sodium		84	15.07	10.89	(4.17)	-27.71%	3.38	18.45	14.27	-22.63%
10	50,000 lumen high pressure sodium		167	17.05	17.29	0.24	1.40%	6.72	23.78	24.02	1.01%
11	9,000 lumen high pressure sodium (post 1998)		40	37.13	7.52	(29.61)	-79.74%	1.61	38.74	9.13	-76.43%
12	16,000 lumen high pressure sodium (post 1998)		59	37.56	8.07	(29.49)	-78.51%	2.38	39.94	10.45	-73.84%
13	22,000 lumen high pressure sodium (post 1998)		84	38.78	10.89	(27.89)	-71.92%	3.38	42.17	14.27	-66.15%
14	50,000 lumen high pressure sodium (post 1998)		167	40.79	17.29	(23.50)	-57.60%	6.72	47.51	24.02	-49.45%
15	Multiple Lamps on Metal Pole:										
16	20,000 lumen mercury vapor		158	13.77	13.23	(0.55)	-3.96%	6.36	20.13	19.59	-2.71%
17	9,000 lumen high pressure sodium		40	9.60	7.52	(2.08)	-21.64%	1.61	11.21	9.13	-18.53%
18	16,000 lumen high pressure sodium		59	10.02	8.07	(1.95)	-19.45%	2.38	12.40	10.45	-15.72%
19	22,000 lumen high pressure sodium		84	11.27	10.89	(0.38)	-3.38%	3.38	14.65	14.27	-2.60%
20	50,000 lumen high pressure sodium		167	13.26	17.29	4.03	30.41%	6.72	19.98	24.02	20.18%
21	9,000 lumen high pressure sodium (post 1998)		40	21.46	7.52	(13.94)	-64.96%	1.61	23.08	9.13	-60.43%
22	16,000 lumen high pressure sodium (post 1998)		59	21.89	8.07	(13.82)	-63.12%	2.38	24.26	10.45	-56.94%
23	22,000 lumen high pressure sodium (post 1998)		84	23.14	10.89	(12.25)	-52.93%	3.38	26.52	14.27	-46.18%
24	50,000 lumen high pressure sodium (post 1998)		167	25.13	17.29	(7.83)	-31.18%	6.72	31.85	24.02	-24.60%
25											
26	Post Top Unit:										
27	7,000 lumen mercury vapor		72	12.34	12.99	0.65	5.29%	2.90	15.24	15.89	4.29%
28	9,000 lumen high pressure sodium		40	11.34	13.71	2.38	20.96%	1.61	12.95	15.32	18.36%
29	9,000 lumen high pressure sodium (post 1988)		40	13.75	13.71	(0.04)	-0.27%	1.61	15.36	15.32	-0.24%
30											
31	Facilities Charges:										
32	Receptacle Charge		0	2.88	3.05	0.17	5.82%	-	2.88	3.05	5.82%

OHIO POWER COMPANY
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1	CS	R-R / R-R-1									
2			0 kW	13.02	11.14	(1.88)	-14.44%	-	13.02	11.14	-14.44%
3			30 kW	15.07	13.15	(1.92)	-12.74%	1.21	16.28	14.36	-11.79%
4			70 kW	17.80	15.83	(1.97)	-11.06%	2.82	20.62	18.65	-9.55%
5			120 kW	21.21	19.18	(2.03)	-9.56%	4.83	26.04	24.01	-7.79%
6			200 kW	26.67	24.54	(2.13)	-7.98%	8.05	34.72	32.59	-6.13%
7			300 kW	33.50	31.24	(2.26)	-6.74%	12.08	45.58	43.32	-4.95%
8			500 kW	47.15	44.65	(2.50)	-5.31%	20.13	67.28	64.78	-3.72%
9			800 kW	67.62	64.75	(2.87)	-4.25%	32.21	99.83	96.96	-2.88%
10			1,000 kW	81.27	78.15	(3.12)	-3.84%	40.26	121.53	118.41	-2.57%
11			1,200 kW	94.92	91.55	(3.37)	-3.55%	48.31	143.23	139.87	-2.35%
12			1,500 kW	115.40	111.66	(3.74)	-3.24%	60.39	175.79	172.05	-2.13%
13			2,000 kW	149.52	145.16	(4.36)	-2.91%	80.52	230.04	225.68	-1.89%
14			4,000 kW	285.11	278.26	(6.85)	-2.40%	161.04	446.15	439.30	-1.53%
15			5,000 kW	352.90	344.81	(8.09)	-2.29%	201.30	554.20	546.11	-1.46%
16			8,000 kW	556.27	544.47	(11.80)	-2.12%	322.08	878.35	866.55	-1.34%
17			10,000 kW	691.85	677.57	(14.28)	-2.06%	402.60	1,094.45	1,080.17	-1.31%
18											
19	RS	Demand									
20		10	2,500	163.79	155.56	(8.23)	-5.02%	100.65	264.44	256.21	-3.11%
21		10	3,500	205.93	196.04	(9.89)	-4.80%	140.91	346.84	336.95	-2.85%
22		15	3,750	238.71	227.31	(11.40)	-4.77%	150.98	389.69	378.29	-2.92%
23		15	5,250	301.92	288.03	(13.89)	-4.60%	211.37	513.29	499.39	-2.71%
24		20	5,000	313.63	299.07	(14.56)	-4.64%	201.30	514.93	500.37	-2.83%
25		20	7,000	397.91	380.01	(17.90)	-4.50%	281.82	679.73	661.83	-2.63%

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I= D+G)	% Change (J=E÷H)
1	CS RLM										
2	Summer	5	500	49.91	46.71	(3.20)	-6.41%	20.13	70.04	66.84	-4.57%
3		5	1,500	121.19	116.74	(4.45)	-3.67%	60.39	181.58	177.13	-2.45%
4		5	2,500	191.69	186.01	(5.68)	-2.96%	100.65	292.34	286.66	-1.94%
5		10	1,000	85.82	82.00	(3.82)	-4.45%	40.26	126.08	122.26	-3.03%
6		10	3,000	226.83	220.53	(6.30)	-2.78%	120.78	347.61	341.31	-1.81%
7		10	5,000	367.38	358.59	(8.79)	-2.39%	201.30	568.68	559.89	-1.55%
8		20	2,000	156.56	151.49	(5.07)	-3.24%	80.52	237.08	232.01	-2.14%
9		20	6,000	437.65	427.63	(10.02)	-2.29%	241.56	679.21	669.19	-1.48%
10		20	10,000	718.75	703.76	(14.99)	-2.09%	402.60	1,121.35	1,106.36	-1.34%
11		30	3,000	226.83	220.53	(6.30)	-2.78%	120.78	347.61	341.31	-1.81%
12		30	9,000	648.48	634.73	(13.75)	-2.12%	362.34	1,010.82	997.07	-1.36%
13		30	15,000	1,070.12	1,048.93	(21.19)	-1.98%	603.90	1,674.02	1,652.83	-1.27%
14		40	4,000	297.10	289.56	(7.54)	-2.54%	161.04	458.14	450.60	-1.65%
15		40	12,000	859.30	841.83	(17.47)	-2.03%	483.12	1,342.42	1,324.95	-1.30%
16		40	20,000	1,418.69	1,391.30	(27.39)	-1.93%	805.20	2,223.89	2,196.50	-1.23%
17		50	5,000	367.38	358.59	(8.79)	-2.39%	201.30	568.68	559.89	-1.55%
18		50	15,000	1,070.12	1,048.93	(21.19)	-1.98%	603.90	1,674.02	1,652.83	-1.27%
19		50	25,000	1,767.27	1,733.67	(33.60)	-1.90%	1,006.50	2,773.77	2,740.17	-1.21%
20											
21	CS RLM										
22	Winter	5	500	49.91	46.71	(3.20)	-6.41%	20.13	70.04	66.84	-4.57%
23		5	1,500	118.02	113.57	(4.45)	-3.77%	60.39	178.41	173.96	-2.49%
24		5	2,500	184.73	179.05	(5.68)	-3.07%	100.65	285.38	279.70	-1.99%
25		10	1,000	84.54	80.72	(3.82)	-4.52%	40.26	124.80	120.98	-3.06%
26		10	3,000	217.98	211.68	(6.30)	-2.89%	120.78	338.76	332.46	-1.86%
27		10	5,000	350.96	342.17	(8.79)	-2.50%	201.30	552.26	543.47	-1.59%
28		20	2,000	151.49	146.43	(5.06)	-3.34%	80.52	232.01	226.95	-2.18%
29		20	6,000	417.45	407.42	(10.03)	-2.40%	241.56	659.01	648.98	-1.52%
30		20	10,000	683.41	668.42	(14.99)	-2.19%	402.60	1,086.01	1,071.02	-1.38%

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Line No.	Rate Code		Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I= D+G)	% Change (J=E÷H)
1	CS RLM		30	3,000	217.98	211.68	(6.30)	-2.89%	120.78	338.76	332.46	-1.86%
2	Winter		30	9,000	616.92	603.17	(13.75)	-2.23%	362.34	979.26	965.51	-1.40%
3			30	15,000	1,015.86	994.67	(21.19)	-2.09%	603.90	1,619.76	1,598.57	-1.31%
4			40	4,000	284.47	276.92	(7.55)	-2.65%	161.04	445.51	437.96	-1.69%
5			40	12,000	816.39	798.92	(17.47)	-2.14%	483.12	1,299.51	1,282.04	-1.34%
6			40	20,000	1,345.51	1,318.11	(27.40)	-2.04%	805.20	2,150.71	2,123.31	-1.27%
7			50	5,000	350.96	342.17	(8.79)	-2.50%	201.30	552.26	543.47	-1.59%
8			50	15,000	1,015.86	994.67	(21.19)	-2.09%	603.90	1,619.76	1,598.57	-1.31%
9			50	25,000	1,675.15	1,641.56	(33.59)	-2.01%	1,006.50	2,681.65	2,648.06	-1.25%
10												
11	CS RS-ES											
12	On Peak	13%		1,000	79.71	75.40	(4.31)	-5.41%	40.26	119.97	115.66	-3.60%
13	Off Peak	87%		2,000	145.20	139.65	(5.55)	-3.82%	80.52	225.72	220.17	-2.46%
14				3,000	210.24	203.44	(6.80)	-3.23%	120.78	331.02	324.22	-2.05%
15				4,000	275.28	267.24	(8.04)	-2.92%	161.04	436.32	428.28	-1.84%
16				5,000	340.31	331.03	(9.28)	-2.73%	201.30	541.61	532.33	-1.71%
17				6,000	405.35	394.83	(10.52)	-2.60%	241.56	646.91	636.39	-1.63%
18				7,000	470.38	458.62	(11.76)	-2.50%	281.82	752.20	740.44	-1.56%
19				8,000	535.42	522.42	(13.00)	-2.43%	322.08	857.50	844.50	-1.52%
20												
21	CS RS-ES											
22	On Peak	18%		1,000	80.32	76.00	(4.32)	-5.38%	40.26	120.58	116.26	-3.58%
23	Off Peak	82%		2,000	146.42	140.86	(5.56)	-3.80%	80.52	226.94	221.38	-2.45%
24				3,000	212.06	205.26	(6.80)	-3.21%	120.78	332.84	326.04	-2.04%
25				4,000	277.70	269.66	(8.04)	-2.89%	161.04	438.74	430.70	-1.83%
26				5,000	343.34	334.06	(9.28)	-2.70%	201.30	544.64	535.36	-1.70%
27				6,000	408.98	398.47	(10.51)	-2.57%	241.56	650.54	640.03	-1.62%
28				7,000	474.62	462.87	(11.75)	-2.48%	281.82	756.44	744.69	-1.55%
29				8,000	540.27	527.27	(13.00)	-2.41%	322.08	862.35	849.35	-1.51%

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I= D+G)	% Change (J=E÷H)
1	CS RS-ES										
2	On Peak	30%	1,000	81.77	77.46	(4.31)	-5.28%	40.26	122.03	117.72	-3.54%
3	Off Peak	70%	2,000	149.33	143.77	(5.56)	-3.72%	80.52	229.85	224.29	-2.42%
4			3,000	216.42	209.63	(6.79)	-3.14%	120.78	337.20	330.41	-2.02%
5			4,000	283.52	275.48	(8.04)	-2.84%	161.04	444.56	436.52	-1.81%
6			5,000	350.61	341.34	(9.27)	-2.65%	201.30	551.91	542.64	-1.68%
7			6,000	417.71	407.19	(10.52)	-2.52%	241.56	659.27	648.75	-1.60%
8			7,000	484.80	473.05	(11.75)	-2.42%	281.82	766.62	754.87	-1.53%
9			8,000	551.90	538.90	(13.00)	-2.36%	322.08	873.98	860.98	-1.49%
10											
11	CS GS-1										
12	Unmetered		50	20.95	17.92	(3.03)	-14.47%	2.01	22.96	19.93	-13.20%
13			100	23.73	20.65	(3.08)	-12.98%	4.03	27.76	24.68	-11.10%
14			150	26.50	23.38	(3.12)	-11.78%	6.04	32.54	29.42	-9.59%
15			200	29.28	26.11	(3.17)	-10.83%	8.05	37.33	34.16	-8.49%
16			400	40.39	37.03	(3.36)	-8.32%	16.10	56.49	53.13	-5.95%
17			700	57.05	53.41	(3.64)	-6.38%	28.18	85.23	81.59	-4.27%
18			1,000	73.70	69.79	(3.91)	-5.31%	40.26	113.96	110.05	-3.43%
19			1,500	101.47	97.09	(4.38)	-4.32%	60.39	161.86	157.48	-2.71%
20			2,000	129.23	124.39	(4.84)	-3.74%	80.52	209.75	204.91	-2.31%
21			4,000	239.38	232.67	(6.71)	-2.80%	161.04	400.42	393.71	-1.68%
22											
23											
24	CS GS-1	0	200	32.98	31.28	(1.70)	-5.15%	8.05	41.03	39.33	-4.14%
25		1	400	44.09	43.65	(0.44)	-0.99%	16.10	60.19	59.76	-0.72%
26		1	600	55.19	56.03	0.84	1.52%	24.16	79.35	80.19	1.06%
27		2	800	66.30	68.40	2.10	3.17%	32.21	98.51	100.61	2.14%
28		2	1,000	77.40	80.78	3.38	4.37%	40.26	117.66	121.04	2.87%
29		3	1,200	88.51	93.15	4.64	5.25%	48.31	136.82	141.47	3.39%
30		4	1,600	110.72	117.90	7.18	6.49%	64.42	175.14	182.32	4.10%
31		4	1,800	121.83	130.28	8.45	6.93%	72.47	194.30	202.74	4.35%
32		4	2,000	132.93	142.65	9.72	7.31%	80.52	213.45	223.17	4.55%

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I= D+G)	% Change (J=E÷H)
1	CS GS-1	5	2,400	154.96	167.22	12.26	7.91%	96.62	251.58	263.84	4.87%
2		7	3,000	188.00	204.06	16.06	8.54%	120.78	308.78	324.84	5.20%
3		7	3,200	199.02	216.35	17.33	8.71%	128.83	327.85	345.18	5.29%
4		9	4,000	243.08	265.48	22.40	9.21%	161.04	404.12	426.52	5.54%
5											
6											
7	CS GS-2 Secondary	10	2,500	179.98	179.64	(0.34)	-0.19%	100.65	280.63	280.29	-0.12%
8		10	3,000	190.38	190.01	(0.37)	-0.19%	120.78	311.16	310.79	-0.12%
9		50	12,500	805.81	818.91	13.10	1.63%	503.25	1,309.06	1,322.16	1.00%
10		50	15,000	857.81	870.75	12.94	1.51%	603.90	1,461.71	1,474.65	0.89%
11		100	25,000	1,582.50	1,612.38	29.88	1.89%	1,006.50	2,589.00	2,618.88	1.15%
12		100	30,000	1,683.70	1,713.27	29.57	1.76%	1,207.80	2,891.50	2,921.07	1.02%
13		250	62,500	3,908.36	3,988.62	80.26	2.05%	2,516.25	6,424.61	6,504.87	1.25%
14		250	75,000	4,161.37	4,240.85	79.48	1.91%	3,019.50	7,180.87	7,260.35	1.11%
15		500	125,000	7,784.79	7,949.02	164.23	2.11%	5,032.50	12,817.29	12,981.52	1.28%
16		500	150,000	8,290.83	8,453.47	162.64	1.96%	6,039.00	14,329.83	14,492.47	1.13%
17		750	187,500	11,661.23	11,909.42	248.19	2.13%	7,548.75	19,209.98	19,458.17	1.29%
18		750	225,000	12,420.28	12,666.10	245.82	1.98%	9,058.50	21,478.78	21,724.60	1.14%
19		1,000	250,000	15,537.66	15,869.82	332.16	2.14%	10,065.00	25,602.66	25,934.82	1.30%
20		1,000	300,000	16,549.73	16,878.72	328.99	1.99%	12,078.00	28,627.73	28,956.72	1.15%
21		2,000	500,000	31,043.41	31,711.41	668.00	2.15%	20,130.00	51,173.41	51,841.41	1.31%
22		2,000	600,000	33,067.54	33,729.21	661.67	2.00%	24,156.00	57,223.54	57,885.21	1.16%

OHIO POWER COMPANY
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1	CS										
2	GS-2										
3	Primary										
4		50	5,000	773.16	765.43	(7.73)	-1.00%	194.30	967.46	959.73	-0.80%
5		50	8,750	850.11	842.14	(7.97)	-0.94%	340.03	1,190.14	1,182.16	-0.67%
6		50	12,500	927.06	918.85	(8.21)	-0.89%	485.75	1,412.81	1,404.60	-0.58%
7		100	10,000	1,369.85	1,383.08	13.23	0.97%	388.60	1,758.45	1,771.68	0.75%
8		100	17,500	1,522.35	1,535.11	12.76	0.84%	680.05	2,202.40	2,215.16	0.58%
9		100	25,000	1,672.05	1,684.33	12.28	0.73%	971.50	2,643.55	2,655.83	0.46%
10		250	25,000	3,154.33	3,230.46	76.13	2.41%	971.50	4,125.83	4,201.96	1.85%
11		250	43,750	3,528.58	3,603.52	74.94	2.12%	1,700.13	5,228.71	5,303.65	1.43%
12		250	62,500	3,902.83	3,976.59	73.76	1.89%	2,428.75	6,331.58	6,405.34	1.16%
13		500	50,000	6,123.80	6,304.75	180.95	2.95%	1,943.00	8,066.80	8,247.75	2.24%
14		500	87,500	6,872.30	7,050.88	178.58	2.60%	3,400.25	10,272.55	10,451.13	1.74%
15		500	125,000	7,620.80	7,797.01	176.21	2.31%	4,857.50	12,478.30	12,654.51	1.41%
16		1,000	100,000	12,062.73	12,453.34	390.61	3.24%	3,886.00	15,948.73	16,339.34	2.45%
17		1,000	175,000	13,559.73	13,945.59	385.86	2.85%	6,800.50	20,360.23	20,746.09	1.90%
18		1,000	250,000	15,056.73	15,437.84	381.11	2.53%	9,715.00	24,771.73	25,152.84	1.54%
19		1,500	150,000	18,001.66	18,601.93	600.27	3.33%	5,829.00	23,830.66	24,430.93	2.52%
20		1,500	262,500	20,247.16	20,840.30	593.14	2.93%	10,200.75	30,447.91	31,041.05	1.95%
21		1,500	375,000	22,492.66	23,078.68	586.02	2.61%	14,572.50	37,065.16	37,651.18	1.58%
22		2,000	200,000	23,940.59	24,750.51	809.92	3.38%	7,772.00	31,712.59	32,522.51	2.55%
23		2,000	350,000	26,934.59	27,735.02	800.43	2.97%	13,601.00	40,535.59	41,336.02	1.97%
24		2,000	500,000	29,928.59	30,719.52	790.93	2.64%	19,430.00	49,358.59	50,149.52	1.60%
25		3,000	300,000	35,818.45	37,047.68	1,229.23	3.43%	11,658.00	47,476.45	48,705.68	2.59%
		3,000	525,000	40,309.45	41,524.44	1,214.99	3.01%	20,401.50	60,710.95	61,925.94	2.00%
		3,000	750,000	44,800.45	46,001.20	1,200.75	2.68%	29,145.00	73,945.45	75,146.20	1.62%

OHIO POWER COMPANY
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1	CS GS-3										
2	Secondary	50	17,500	908.42	921.20	12.78	1.41%	704.55	1,612.97	1,625.75	0.79%
3		50	22,500	1,009.62	1,022.09	12.47	1.23%	905.85	1,915.47	1,927.94	0.65%
4		50	27,500	1,110.83	1,122.98	12.15	1.09%	1,107.15	2,217.98	2,230.13	0.55%
5		100	35,000	1,784.91	1,814.16	29.25	1.64%	1,409.10	3,194.01	3,223.26	0.92%
6		100	45,000	1,987.32	2,015.94	28.62	1.44%	1,811.70	3,799.02	3,827.64	0.75%
7		100	55,000	2,189.74	2,217.72	27.98	1.28%	2,214.30	4,404.04	4,432.02	0.64%
8		250	87,500	4,414.39	4,493.07	78.68	1.78%	3,522.75	7,937.14	8,015.82	0.99%
9		250	112,500	4,920.42	4,997.52	77.10	1.57%	4,529.25	9,449.67	9,526.77	0.82%
10		250	137,500	5,426.46	5,501.97	75.51	1.39%	5,535.75	10,962.21	11,037.72	0.69%
11		500	175,000	8,796.86	8,957.92	161.06	1.83%	7,045.50	15,842.36	16,003.42	1.02%
12		500	225,000	9,808.92	9,966.82	157.90	1.61%	9,058.50	18,867.42	19,025.32	0.84%
13		500	275,000	10,820.99	10,975.72	154.73	1.43%	11,071.50	21,892.49	22,047.22	0.71%
14		1,000	350,000	17,561.79	17,887.62	325.83	1.86%	14,091.00	31,652.79	31,978.62	1.03%
15		1,000	450,000	19,585.92	19,905.42	319.50	1.63%	18,117.00	37,702.92	38,022.42	0.85%
16		1,000	550,000	21,610.05	21,923.22	313.17	1.45%	22,143.00	43,753.05	44,066.22	0.72%
17		2,000	700,000	35,091.67	35,747.01	655.34	1.87%	28,182.00	63,273.67	63,929.01	1.04%
18		2,000	900,000	38,984.34	39,627.02	642.68	1.65%	36,234.00	75,218.34	75,861.02	0.85%
19		2,000	1,100,000	42,568.16	43,198.18	630.02	1.48%	44,286.00	86,854.16	87,484.18	0.73%
20		3,000	1,050,000	52,117.62	53,102.49	984.87	1.89%	42,273.00	94,390.62	95,375.49	1.04%
21		3,000	1,350,000	57,493.35	58,459.23	965.88	1.68%	54,351.00	111,844.35	112,810.23	0.86%
22		3,000	1,650,000	62,869.08	63,815.97	946.89	1.51%	66,429.00	129,298.08	130,244.97	0.73%
23		4,500	1,575,000	77,193.27	78,672.42	1,479.15	1.92%	63,409.50	140,602.77	142,081.92	1.05%
24		4,500	2,025,000	85,256.87	86,707.53	1,450.66	1.70%	81,526.50	166,783.37	168,234.03	0.87%
25		4,500	2,475,000	93,320.46	94,742.64	1,422.18	1.52%	99,643.50	192,963.96	194,386.14	0.74%

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I= D+G)	% Change (J=E÷H)
1	CS GS-3										
2	Primary	50	17,500	1,028.26	1,019.73	(8.53)	-0.83%	680.05	1,708.31	1,699.78	-0.50%
3		50	22,500	1,128.06	1,119.22	(8.84)	-0.78%	874.35	2,002.41	1,993.57	-0.44%
4		50	27,500	1,227.86	1,218.70	(9.16)	-0.75%	1,068.65	2,296.51	2,287.35	-0.40%
5		100	35,000	1,871.65	1,883.30	11.65	0.62%	1,360.10	3,231.75	3,243.40	0.36%
6		100	45,000	2,071.25	2,082.27	11.02	0.53%	1,748.70	3,819.95	3,830.97	0.29%
7		100	55,000	2,270.85	2,281.24	10.39	0.46%	2,137.30	4,408.15	4,418.54	0.24%
8		250	87,500	4,401.83	4,474.00	72.17	1.64%	3,400.25	7,802.08	7,874.25	0.93%
9		250	112,500	4,900.83	4,971.42	70.59	1.44%	4,371.75	9,272.58	9,343.17	0.76%
10		250	137,500	5,399.83	5,468.84	69.01	1.28%	5,343.25	10,743.08	10,812.09	0.64%
11		500	175,000	8,618.80	8,791.84	173.04	2.01%	6,800.50	15,419.30	15,592.34	1.12%
12		500	225,000	9,616.80	9,786.68	169.88	1.77%	8,743.50	18,360.30	18,530.18	0.93%
13		500	275,000	10,614.80	10,781.51	166.71	1.57%	10,686.50	21,301.30	21,468.01	0.78%
14		1,000	350,000	17,052.73	17,427.51	374.78	2.20%	13,601.00	30,653.73	31,028.51	1.22%
15		1,000	450,000	19,048.73	19,417.18	368.45	1.93%	17,487.00	36,535.73	36,904.18	1.01%
16		1,000	550,000	21,044.73	21,406.85	362.12	1.72%	21,373.00	42,417.73	42,779.85	0.85%
17		2,000	700,000	33,920.59	34,698.86	778.27	2.29%	27,202.00	61,122.59	61,900.86	1.27%
18		2,000	900,000	37,757.00	38,522.61	765.61	2.03%	34,974.00	72,731.00	73,496.61	1.05%
19		2,000	1,100,000	41,284.56	42,037.51	752.95	1.82%	42,746.00	84,030.56	84,783.51	0.90%
20		4,000	1,400,000	66,339.62	67,924.87	1,585.25	2.39%	54,404.00	120,743.62	122,328.87	1.31%
21		4,000	1,800,000	73,394.74	74,954.67	1,559.93	2.13%	69,948.00	143,342.74	144,902.67	1.09%
22		4,000	2,200,000	80,449.86	81,984.47	1,534.61	1.91%	85,492.00	165,941.86	167,476.47	0.92%
23		8,000	2,800,000	130,559.98	133,759.18	3,199.20	2.45%	108,808.00	239,367.98	242,567.18	1.34%
24		8,000	3,600,000	144,670.22	147,818.78	3,148.56	2.18%	139,896.00	284,566.22	287,714.78	1.11%
25		8,000	4,400,000	158,780.46	161,878.38	3,097.92	1.95%	170,984.00	329,764.46	332,862.38	0.94%
26		10,000	3,500,000	162,670.16	166,676.33	4,006.17	2.46%	136,010.00	298,680.16	302,686.33	1.34%
27		10,000	4,500,000	180,307.96	184,250.83	3,942.87	2.19%	174,870.00	355,177.96	359,120.83	1.11%
28		10,000	5,500,000	197,945.76	201,825.33	3,879.57	1.96%	213,730.00	411,675.76	415,555.33	0.94%

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I= D+G)	% Change (J=E÷H)
1	CS GS-4	3,000	600,000	25,745.52	25,379.38	(366.14)	-1.42%	22,854.00	48,599.52	48,233.38	-0.75%
2		3,000	1,200,000	34,424.03	34,019.92	(404.11)	-1.17%	45,708.00	80,132.03	79,727.92	-0.50%
3		3,000	1,800,000	42,561.47	42,119.38	(442.09)	-1.04%	68,562.00	111,123.47	110,681.38	-0.40%
4		5,000	1,000,000	41,491.55	39,520.10	(1,971.45)	-4.75%	38,090.00	79,581.55	77,610.10	-2.48%
5		5,000	2,000,000	55,053.95	53,019.20	(2,034.75)	-3.70%	76,180.00	131,233.95	129,199.20	-1.55%
6		5,000	3,000,000	68,616.35	66,518.30	(2,098.05)	-3.06%	114,270.00	182,886.35	180,788.30	-1.15%
7		8,000	1,600,000	64,298.99	59,919.56	(4,379.43)	-6.81%	60,944.00	125,242.99	120,863.56	-3.50%
8		8,000	3,200,000	85,998.83	81,518.12	(4,480.71)	-5.21%	121,888.00	207,886.83	203,406.12	-2.16%
9		8,000	4,800,000	107,698.67	103,116.68	(4,581.99)	-4.25%	182,832.00	290,530.67	285,948.68	-1.58%
10		10,000	2,000,000	79,503.95	73,519.20	(5,984.75)	-7.53%	76,180.00	155,683.95	149,699.20	-3.84%
11		10,000	4,000,000	106,628.75	100,517.40	(6,111.35)	-5.73%	152,360.00	258,988.75	252,877.40	-2.36%
12		10,000	6,000,000	133,753.55	127,515.60	(6,237.95)	-4.66%	228,540.00	362,293.55	356,055.60	-1.72%
13		15,000	3,000,000	117,516.35	107,518.30	(9,998.05)	-8.51%	114,270.00	231,786.35	221,788.30	-4.31%
14		15,000	6,000,000	158,203.55	148,015.60	(10,187.95)	-6.44%	228,540.00	386,743.55	376,555.60	-2.63%
15		15,000	9,000,000	198,890.75	188,512.90	(10,377.85)	-5.22%	342,810.00	541,700.75	531,322.90	-1.92%
16		20,000	4,000,000	155,528.75	141,517.40	(14,011.35)	-9.01%	152,360.00	307,888.75	293,877.40	-4.55%
17		20,000	8,000,000	209,778.35	195,513.80	(14,264.55)	-6.80%	304,720.00	514,498.35	500,233.80	-2.77%
18		20,000	12,000,000	264,027.95	249,510.20	(14,517.75)	-5.50%	457,080.00	721,107.95	706,590.20	-2.01%
19		30,000	6,000,000	231,553.55	209,515.60	(22,037.95)	-9.52%	228,540.00	460,093.55	438,055.60	-4.79%
20		30,000	12,000,000	312,927.95	290,510.20	(22,417.75)	-7.16%	457,080.00	770,007.95	747,590.20	-2.91%
21		30,000	18,000,000	394,302.35	371,504.80	(22,797.55)	-5.78%	685,620.00	1,079,922.35	1,057,124.80	-2.11%
22											
23	CS AL	Lamp Size									
24		Mercury Vapor									
25		100 WATT	43	10.03	11.54	1.51	15.04%	1.73	11.76	13.27	12.83%
26		175 WATT	72	11.29	12.45	1.16	10.26%	2.90	14.19	15.35	8.16%
27		400 WATT	158	17.52	19.26	1.74	9.95%	6.36	23.88	25.62	7.30%
28		POST TOP 175 WATT	72	19.94	20.65	0.71	3.58%	2.90	22.84	23.55	3.13%
29											
30		High Pressure Sodium									
31		100 WATT	40	9.02	9.77	0.75	8.31%	1.61	10.63	11.38	7.05%
32		150 WATT	59	10.02	11.48	1.46	14.57%	2.38	12.40	13.86	11.78%
33		200 WATT	84	12.39	12.85	0.46	3.74%	3.38	15.77	16.24	2.94%
34		250 WATT	103	13.06	13.20	0.14	1.04%	4.15	17.21	17.34	0.79%

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Line No.	Rate Code		Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I= D+G)	% Change (J=E÷H)
1	CS AL	400 WATT		167	16.68	16.72	0.04	0.24%	6.72	23.40	23.44	0.17%
2		POST TOP 100 WATT		40	18.49	19.48	0.99	5.36%	1.61	20.10	21.09	4.93%
3		POST TOP 150 WATT		59	19.50	22.52	3.02	15.49%	2.38	21.88	24.90	13.81%
4		CUT OFF 100 WATT		40	13.85	9.77	(4.08)	-29.46%	1.61	15.46	11.38	-26.39%
5		CUT OFF 250 WATT		103	19.63	13.20	(6.43)	-32.78%	4.15	23.78	17.34	-27.06%
6		CUT OFF 400 WATT		167	22.79	16.72	(6.07)	-26.64%	6.72	29.51	23.44	-20.57%
7												
8		FLOODLIGHT										
9		High Pressure Sodium										
10		100 WATT		40	9.61	9.77	0.16	1.66%	1.61	11.22	11.38	1.43%
11		250 WATT		103	13.36	13.20	(0.16)	-1.23%	4.15	17.51	17.34	-0.94%
12		400 WATT		167	16.37	16.72	0.35	2.14%	6.72	23.09	23.44	1.51%
13		1,000 WATT		378	24.94	27.88	2.94	11.79%	15.22	40.16	43.10	7.32%
14												
15		Metal Halide										
16		250 WATT		100	14.92	15.55	0.63	4.22%	4.03	18.95	19.58	3.33%
17		400 WATT		158	17.14	16.03	(1.11)	-6.47%	6.36	23.50	22.39	-4.72%
18		1,000 WATT		378	24.86	27.79	2.93	11.79%	15.22	40.08	43.01	7.31%
19												
20		FACILITY CHARGES										
21		Mast Arm										
22		8 FT.		0	0.89	-	(0.89)	-100.00%	-	0.89	-	-100.00%
23		12 FT.		0	1.57	-	(1.57)	-100.00%	-	1.57	-	-100.00%
24		16 FT.		0	2.09	-	(2.09)	-100.00%	-	2.09	-	-100.00%
25		20 FT.		0	3.65	-	(3.65)	-100.00%	-	3.65	-	-100.00%
26												
27		Poles										
28		Wood		0	3.43	-	(3.43)	-100.00%	-	3.43	-	-100.00%
29		Aluminum		0	18.80	-	(18.80)	-100.00%	-	18.80	-	-100.00%
30		Fiberglass		0	28.03	-	(28.03)	-100.00%	-	28.03	-	-100.00%
31												
32		Each additional 150 foot overhead wire span		0	1.11	-	(1.11)	-100.00%	-	1.11	-	-100.00%
33		Each additional riser pole connection		0	5.52	-	(5.52)	-100.00%	-	5.52	-	-100.00%
34		Each underground lateral not over 50 feet		0	1.65	-	(1.65)	-100.00%	-	1.65	-	-100.00%

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Typical Bill Comparison
(Electric and Gas Utilities)

Line No.	Rate Code	Level of Demand (A)	Level of Usage (B)	Current Bill (C)	Proposed Bill (D)	Dollar Increase (E=D-C)	% Increase (F = E÷C)	Annualized Fuel Cost Additions to Bill (G)	Current Total Bill Including Fuel (H = C+G)	Proposed Total Bill Including Fuel (I= D+G)	% Change (J=E÷H)
1	CS SL										
2	High Pressure Sodium										
3	100 WATT		40	11.02	7.52	(3.50)	-31.76%	1.61	12.63	9.13	-27.71%
4	150 WATT		59	12.76	8.07	(4.69)	-36.75%	2.38	15.14	10.45	-30.98%
5	200 WATT		84	16.56	10.89	(5.67)	-34.23%	3.38	19.94	14.27	-28.43%
6	250 WATT		103	18.45	18.86	0.41	2.25%	4.15	22.60	23.01	1.84%
7	400 WATT		167	21.71	17.29	(4.42)	-20.34%	6.72	28.43	24.02	-15.53%
8	CUT OFF 100 WATT		40	15.51	7.52	(7.99)	-51.51%	1.61	17.12	9.13	-46.67%
9	CUT OFF 250 WATT		103	25.60	18.86	(6.74)	-26.31%	4.15	29.75	23.01	-22.64%
10	CUT OFF 400 WATT		167	33.34	17.29	(16.05)	-48.13%	6.72	40.06	24.02	-40.05%
11											
12	Mercury Vapor										
13	100 WATT		43	10.18	10.74	0.56	5.46%	1.73	11.91	12.47	4.67%
14	175 WATT		72	12.11	8.02	(4.09)	-33.79%	2.90	15.01	10.92	-27.26%
15	400 WATT		158	20.37	13.23	(7.14)	-35.06%	6.36	26.73	19.59	-26.72%
16											
17	FACILITY CHARGES										
18	Mast Arm										
19	12 FT.		0	1.57	-	(1.57)	-100.00%	-	1.57	-	-100.00%
20	16 FT.		0	2.09	-	(2.09)	-100.00%	-	2.09	-	-100.00%
21	20 FT.		0	3.65	-	(3.65)	-100.00%	-	3.65	-	-100.00%
22											
23	Poles										
24	Wood		0	1.79	-	(1.79)	-100.00%	-	1.79	-	-100.00%
25	Aluminum		0	18.56	-	(18.56)	-100.00%	-	18.56	-	-100.00%
26	Fiberglass		0	27.67	-	(27.67)	-100.00%	-	27.67	-	-100.00%
27											
28	Each additional 150 foot overhead wire span		0	1.05	-	(1.05)	-100.00%	-	1.05	-	-100.00%
29	Each additional riser pole connection		0	5.36	-	(5.36)	-100.00%	-	5.36	-	-100.00%
30	Each underground lateral not over 50 feet		0	1.71	-	(1.71)	-100.00%	-	1.71	-	-100.00%

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 1 MOS Actual & 11 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WPE-4.1a through WPE-4.1n

Schedule E-4.1
Page 1 of 46
Witness Responsible: D.M. Roush

Line No.	Rate Code (A)	Class/ Descript. (B)	Proposed Annualized				% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
			Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Proposed Revenue (F)		
1	OPCo							
2	RS	Residential Service						
3								
4		Customer Charge:	7,171,621		\$10.00	\$71,716,210	11.29%	\$71,716,210
5		Energy Charge		6,740,672,473	\$0.0263125	\$177,363,944	27.91%	\$177,363,944
6								
7	CSP							
8	RR							
9								
10		Customer Charge:	6,433,427		\$10.00	\$64,334,270	10.12%	\$64,334,270
11		Energy Charge		6,326,518,339	\$0.0263125	\$166,466,514	26.20%	\$166,466,514
12								
13	RR-1							
14								
15		Customer Charge:	1,791,234		\$10.00	\$17,912,340	2.82%	\$17,912,340
16		Energy Charge		731,057,974	\$0.0263125	\$19,235,963	3.03%	\$19,235,963
17								
18								
19	SUM							
20		Customer Charge:	15,396,282			153,962,820		
21		Energy Charge		13,798,248,786		363,066,421		
22								
23		Total Base Distribution Revenue before Riders				517,029,241		
24								
25		Direct Load Control Credit	2,698		-\$8.00	-\$21,584	0.00%	-\$21,584
26		Cell Phone Charge	0		\$12.00	\$0	0.00%	
27		AMI Opt-Out Charge	12		\$24.00	\$288	0.00%	\$288
28		Manual Meter Read Charge	12		\$50.00	\$600	0.00%	\$600
29								
30	RIDERS							
31								
32		Universal Service Fund Rider						
33		First 833,000 kWh		13,798,248,786	0.0024978	\$34,465,266		
34		All Excess kWh		0	0.0001756	\$0		
35		Total Charge				\$34,465,266	5.42%	\$34,465,266
36								
37		KWH Tax Rider:						
38		First 2,000 KWH		12,787,214,465	0.00465	\$59,460,547		
39		Next 13,000 KWH		1,007,728,274	0.00419	\$4,222,381		
40		Excess of 15,000 KWH		3,306,047	0.00363	\$12,001		
41		Total Charge				\$63,694,930	10.02%	\$63,694,930
42								
43		Energy Efficiency and Peak Demand Reduction Cost Recovery Rider		13,798,248,786	-	\$0	0.00%	
44								
45		Economic Development Cost Recovery Rider		517,029,241	2.66085%	\$13,757,350	2.16%	\$13,757,350
46								
47		Enhanced Service Reliability Rider		517,029,241	-0.27829%	-\$1,438,861	-0.23%	-\$1,438,861
48								
49		gridSMART Rider - Phase 2	15,396,282		\$0.99	\$15,242,319	2.40%	\$15,242,319
50								
51		Smart City Rider	15,396,282		\$0.24	\$3,695,108	0.58%	\$3,695,108
52								
53		Residential Distribution Credit Rider		517,029,241	0.00000%	\$0	0.00%	
54								
55		Pilot Throughput Balancing Adjustment Rider						
56		CSP Rate Zone		7,057,576,313	0.0005935	\$4,188,672		
57		OP Rate Zone		6,740,672,473	0.0007417	\$4,999,557		
58		Total Charge				\$9,188,228	1.45%	\$9,188,228
59								
60		Distribution Investment Rider		517,029,241	-3.27995%	-\$16,958,291	-2.67%	-\$16,958,291
61								
62		Tax Savings Credit Rider		13,798,248,786	(0.0002300)	-\$3,173,597	-0.50%	-\$3,173,597
63								
64		Total	15,396,282	13,798,248,786		\$635,480,997	100.00%	\$635,480,997

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 1 MOS Actual & 11 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WPE-4.1a through WPE-4.1n

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Witness Responsible: D.M. Roush

Line No.	Rate Code (A)	Class/ Descript. (B)	Current Annualized				% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)
			Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized Revenue (K)				
1	OPCo									
2	RS	Residential Service								
3										
4	Customer Charge:		7,171,621		\$8.40	\$60,241,616	8.84%	\$11,474,594	19.05%	19.05%
5	Energy Charge			6,740,672,473	\$0.0182747	\$123,183,767	18.07%	\$54,180,177	43.98%	43.98%
6										
7	CSP									
8	RR									
9										
10	Customer Charge:		6,433,427		\$8.40	\$54,040,787	7.93%	\$10,293,483	19.05%	19.05%
11	Energy Charge			6,326,518,339	\$0.0182747	\$115,615,225	16.96%	\$50,851,289	43.98%	43.98%
12										
13	RR-1									
14										
15	Customer Charge:		1,791,234		\$8.40	\$15,046,366	2.21%	\$2,865,974	19.05%	19.05%
16	Energy Charge			731,057,974	\$0.0182747	\$13,359,865	1.96%	\$5,876,098	43.98%	43.98%
17										
18										
19	SUM									
20	Customer Charge:		15,396,282			\$129,328,769				
21	Energy Charge			13,798,248,786		\$252,158,857				
22										
23	Total Base Distribution Revenue before Riders					\$381,487,626				
24										
25	Direct Load Control Credit		2,698		-\$8.00	-\$21,584	0.00%	\$0	0.00%	0.00%
26	\$12 Cell Phone Charge		0		\$12.00	\$0	0.00%	\$0	0.00%	0.00%
27	\$24 AMI Opt-Out Charge		12		\$24.00	\$288	0.00%	\$0	0.00%	0.00%
28	\$43 Manual Meter Read Charge		12		\$43.00	\$516	0.00%	\$84	16.28%	16.28%
29										
30	RIDERS									
31										
32	Universal Service Fund Rider									
33	First 833,000 kWh			13,798,248,786	0.0024978	\$34,465,266				
34	All Excess kWh			0	0.0001756	\$0				
35	Total Charge					\$34,465,266	5.06%	\$0	0.00%	0.00%
36										
37	KWH Tax Rider:									
38	First 2,000 KWH			12,787,214,465	0.00465	\$59,460,547				
39	Next 13,000 KWH			1,007,728,274	0.00419	\$4,222,381				
40	Excess of 15,000 KWH			3,306,047	0.00363	\$12,001				
41	Total Charge					\$63,694,930	9.35%	\$0	0.00%	0.00%
42										
43	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider			13,798,248,786	0.0031533	\$43,510,018	6.38%	-\$43,510,018	-100.00%	-100.00%
44										
45	Economic Development Cost Recovery Rider			381,487,626	1.35371%	\$5,164,236	0.76%	\$8,593,114	166.40%	166.40%
46										
47	Enhanced Service Reliability Rider			381,487,626	3.48287%	\$13,286,718	1.95%	-\$14,725,579	-110.83%	-110.83%
48										
49	gridSMART Rider - Phase 2		15,396,282		\$0.99	\$15,242,319	2.24%	\$0	0.00%	0.00%
50										
51	Smart City Rider		15,396,282		\$0.24	\$3,695,108	0.54%	\$0	0.00%	0.00%
52										
53	Residential Distribution Credit Rider			381,487,626	-3.58070%	-\$13,659,927	-2.00%	\$13,659,927	-100.00%	-100.00%
54										
55	Pilot Throughput Balancing Adjustment Rider									
56	CSP Rate Zone			7,057,576,313	0.0005935	\$4,188,672				
57	OP Rate Zone			6,740,672,473	0.0007417	\$4,999,557				
58	Total Charge					\$9,188,228	1.35%	\$0	0.00%	0.00%
59										
60	Distribution Investment Rider			381,487,626	39.11127%	\$149,204,655	21.89%	-\$166,162,946	-111.37%	-111.37%
61										
62	Tax Savings Credit Rider			13,798,248,786	(0.0017180)	-\$23,705,391	-3.48%	\$20,531,794	-86.61%	-86.61%
63										
64	Total		15,396,282	13,798,248,786		\$681,553,005	100.00%	-\$46,072,008	-6.76%	-6.76%

OHIO POWER COMPANY
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Type of Filing: ► Original ___ Updated ___ Revised
Work Paper Reference No(s): WPE-4.1a through WPE-4.1n

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			Proposed Annualized				% of	Proposed
Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Proposed Revenue (F)	Revenue to Total Revenue (G)	Revenue Total (H)
1	OPCo							
2	RS-TOD - Time-of-Day							
3								
4	Customer Charge:		411		\$10.00	\$4,110	0.90%	\$4,110
5	Energy Charge			493,551	\$0.0263125	\$12,987	2.84%	\$12,987
6								
7	RS-ES - Energy Storage							
8								
9	Customer Charge:		2,355		\$10.00	\$23,550	5.15%	\$23,550
10	Energy Charge			3,232,878	\$0.0263125	\$85,065	18.59%	\$85,065
11								
12	CSP							
13	RLM - Res. Optional Demand Rate							
14								
15	Customer Charge		601		\$10.00	\$6,010	1.31%	\$6,010
16	Energy Charge			2,772,724	\$0.0263125	\$72,957	15.95%	\$72,957
17								
18	RS-ES - Energy Storage							
19								
20	Customer Charge		25		\$10.00	\$250	0.05%	\$250
21	Energy Charge			15,095	\$0.0263125	\$397	0.09%	\$397
22								
23	RS-TOD - Time-of-Day							
24								
25	Customer Charge		81		\$10.00	\$810	0.18%	\$810
26	Energy Charge			49,521	\$0.0263125	\$1,303	0.28%	\$1,303
27								
28	RS-TOD2 - Experimental Time-of-Day							
29								
30	Customer Charge		4,812		\$10.00	\$48,120	10.52%	\$48,120
31	Energy Charge			3,637,325	\$0.0263125	\$95,707	20.92%	\$95,707
32								
33	CPP - Experimental Critical Peak Pricing							
34								
35								
36	Customer Charge		714		\$10.00	\$7,140	1.56%	\$7,140
37	Energy Charge - Summer & First 800 Winter			587,622	\$0.0263125	\$15,462	3.38%	\$15,462
38	Energy Charge - Winter Over 800 & Critical			127,264	\$0.0263125	\$3,349	0.73%	\$3,349
39								
40								
41	SUM							
42	Customer Charge:		8,999			89,990		
43	Energy Charge			10,915,980		287,227		
44								
45	Total Base Distribution Revenue before Riders						377,217	
46								
47	Direct Load Control Credit Rider		1,091		-\$8.00	-\$8,728	-1.91%	-\$8,728
48	Cell Phone Charge		0		\$12.00	\$0	0.00%	\$0
49	AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	\$0
50	Manual Meter Read Charge		0		\$50.00	\$0	0.00%	\$0
51								
52	RIDERS							
53								
54	Universal Service Fund Rider							
55	First 833,000 kWh			10,915,980	0.0024978	\$27,266		
56	All Excess kWh			0	0.0001756	\$0		
57	Total Charge					\$27,266	5.96%	\$27,266
58								
59	KWH Tax Rider:							
60	First 2,000 KWH			8,462,458	0.00465	\$39,350		
61	Next 13,000 KWH			2,378,853	0.00419	\$9,967		
62	Excess of 15,000 KWH			74,669	0.00363	\$271		
63	Total Charge					\$49,589	10.84%	\$49,589
64								
65	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider			10,915,980	-	\$0	0.00%	\$0
66								
67	Economic Development Cost Recovery Rider			377,217	2.66085%	\$10,037	2.19%	\$10,037
68								
69	Enhanced Service Reliability Rider			377,217	-0.27829%	-\$1,050	-0.23%	-\$1,050
70								
71	gridSMART Rider - Phase 2		8,999		\$0.99	\$8,909	1.95%	\$8,909
72								
73	Smart City Rider		8,999		\$0.24	\$2,160	0.47%	\$2,160
74								
75	Residential Distribution Credit Rider			377,217	0.00000%	\$0	0.00%	\$0
76								
77	Pilot Throughput Balancing Adjustment Rider							
78	CSP Rate Zone			7,189,551	0.0005935	\$4,267		
79	OP Rate Zone			3,726,429	0.0007417	\$2,764		
80	Total Charge					\$7,031	1.54%	\$7,031
81								
82	Distribution Investment Rider			377,217	-3.27995%	-\$12,373	-2.70%	-\$12,373
83								
84	Tax Savings Credit Rider			10,915,980	(0.0002300)	-\$2,511	-0.55%	-\$2,511
85								
86	Total		8,999	10,915,980		\$457,547	100.00%	\$457,547

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
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Data: 1 MOS Actual & 11 MOS Estimated
Type of Filing: ►Original___Updated___Revised
Work Paper Reference No(s): WPE-4.1a through WPE-4.1n

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Line No.	Rate Code (A)	Class/ Descript. (B)	Current Annualized				% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)
			Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized Revenue (K)				
1	OPCo									
2	RS-TOD - Time-of-Day									
3										
4	Customer Charge:		411		\$9.25	\$3,802	0.75%	\$308	8.11%	8.11%
5	Energy Charge			493,551	\$0.0182747	\$9,019	1.78%	\$3,967	43.98%	43.98%
6										
7	RS-ES - Energy Storage									
8										
9	Customer Charge:		2,355		\$9.25	\$21,784	4.29%	\$1,766	8.11%	8.11%
10	Energy Charge			3,232,878	\$0.0182747	\$59,080	11.64%	\$25,985	43.98%	43.98%
11										
12	CSP									
13	RLM - Res. Optional Demand Rate									
14										
15	Customer Charge		601		\$8.90	\$5,349	1.05%	\$661	12.36%	12.36%
16	Energy Charge			2,772,724	\$0.0182747	\$50,671	9.98%	\$22,287	43.98%	43.98%
17										
18	RS-ES - Energy Storage									
19										
20	Customer Charge		25		\$9.25	\$231	0.05%	\$19	8.11%	8.11%
21	Energy Charge			15,095	\$0.0182747	\$276	0.05%	\$121	43.98%	43.98%
22										
23	RS-TOD - Time-of-Day									
24										
25	Customer Charge		81		\$9.25	\$749	0.15%	\$61	8.11%	8.11%
26	Energy Charge			49,521	\$0.0182747	\$905	0.18%	\$398	43.98%	43.98%
27										
28	RS-TOD2 - Experimental Time-of-Day									
29										
30	Customer Charge		4,812		\$4.52	\$21,750	4.29%	\$26,370	121.24%	121.24%
31	Energy Charge			3,637,325	\$0.0258097	\$93,878	18.50%	\$1,829	1.95%	1.95%
32										
33										
34	CPP - Experimental Critical Peak Pricing									
35										
36	Customer Charge		714		\$4.52	\$3,227	0.64%	\$3,913	121.24%	121.24%
37	Energy Charge - Summer & First 800 Winter			587,622	\$0.0298899	\$17,564	3.46%	-\$2,102	-11.97%	-11.97%
38	Energy Charge - Winter Over 800 & Critical			127,264	\$0.0057028	\$726	0.14%	\$2,623	361.40%	361.40%
39										
40										
41	SUM									
42	Customer Charge:		8,999			\$56,892				
43	Energy Charge			10,915,980		\$232,119				
44										
45	Total Base Distribution Revenue before Riders					\$289,011				
46										
47	Direct Load Control Credit Rider		1,091		-\$8.00	-\$8,728	-1.72%	\$0	0.00%	0.00%
48	\$12 Cell Phone Charge		0		\$0.00	\$0	0.00%	\$0	0.00%	0.00%
49	\$24 AMI Opt-Out Charge		0		\$0.00	\$0	0.00%	\$0	0.00%	0.00%
50	\$43 Manual Meter Read Charge		0		\$0.00	\$0	0.00%	\$0	0.00%	0.00%
51										
52	RIDERS									
53										
54	Universal Service Fund Rider									
55	First 833,000 kWh			10,915,980	0.0024978	\$27,266				
56	All Excess kWh			0	0.0001756	\$0				
57	Total Charge					\$27,266	5.37%	\$0	0.00%	0.00%
58										
59	KWH Tax Rider:									
60	First 2,000 KWH			8,462,458	0.00465	\$39,350				
61	Next 13,000 KWH			2,378,853	0.00419	\$9,967				
62	Excess of 15,000 KWH			74,669	0.00363	\$271				
63	Total Charge					\$49,589	9.77%	\$0	0.00%	0.00%
64										
65	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider			10,915,980	0.0031533	\$34,421	6.78%	-\$34,421	-100.00%	-100.00%
66										
67	Economic Development Cost Recovery Rider			289,011	1.35371%	\$3,912	0.77%	\$6,125	156.55%	156.55%
68										
69	Enhanced Service Reliability Rider			289,011	3.48287%	\$10,066	1.98%	-\$11,116	-110.43%	-110.43%
70										
71	gridSMART Rider - Phase 2		8,999		\$0.99	\$8,909	1.76%	\$0	0.00%	0.00%
72										
73	Smart City Rider		8,999		\$0.24	\$2,160	0.43%	\$0	0.00%	0.00%
74										
75	Residential Distribution Credit Rider			289,011	-3.58070%	-\$10,349	-2.04%	\$10,349	-100.00%	-100.00%
76										
77	Pilot Throughput Balancing Adjustment Rider									
78	CSP Rate Zone			7,189,551	0.0005935	\$4,267				
79	OP Rate Zone			3,726,429	0.0007417	\$2,764				
80	Total Charge					\$7,031	1.39%	\$0	0.00%	0.00%
81										
82	Distribution Investment Rider			289,011	39.11127%	\$113,036	22.27%	-\$125,409	-110.95%	-110.95%
83										
84	Tax Savings Credit Rider			10,915,980	(0.0017180)	-\$18,754	-3.69%	\$16,243	-86.61%	-86.61%
85										
86	Total		8,999	10,915,980		\$507,571	100.00%	-\$50,024	-9.86%	-9.86%

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Work Paper Reference No(s): WPE-4.1a through WPE-4.1n

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Witness Responsible: D.M. Roush

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Annualized		% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
					Proposed Rate (E)	Proposed Revenue (F)		
1	CSP							
2	RSDM							
3	Customer Charge:		15		\$10.00	\$150	7.43%	\$150
4	Energy Charge			87,729	\$0.0000000	\$0	0.00%	
5	Demand Charge			289	\$4.27	\$1,234	61.13%	\$1,234
6								
7								
8	SUM							
9								
10	Customer Charge:		15			\$150		
11	Energy Charge			87,729		\$0		
12	Demand Charge			289		\$1,234		
13								
14	Total Base Distribution Revenue before Riders					1,384		
15								
16	Direct Load Control Credit Rider		0		-\$8.00	\$0	0.00%	
17	Cell Phone Charge		0		\$12.00	\$0	0.00%	
18	AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	
19	Manual Meter Read Charge		0		\$50.00	\$0	0.00%	
20								
21	RIDERS							
22								
23	Universal Service Fund Rider							
24	First 833,000 kWh			87,729	0.0024978	\$219		
25	All Excess kWh			0	0.0001756	\$0		
26	Total Charge					\$219	10.86%	\$219
27								
28	KWH Tax Rider:							
29	First 2,000 KWH			21,729	0.00465	\$101		
30	Next 13,000 KWH			66,000	0.00419	\$277		
31	Excess of 15,000 KWH			0	0.00363	\$0		
32	Total Charge					\$378	18.70%	\$378
33								
34	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider			87,729	-	\$0	0.00%	
35								
36	Economic Development Cost Recovery Rider			1,384	2.66085%	\$37	1.82%	\$37
37								
38	Enhanced Service Reliability Rider			1,384	-0.27829%	-\$4	-0.19%	-\$4
39								
40	gridSMART Rider - Phase 2		15		\$0.99	\$15	0.74%	\$15
41								
42	Smart City Rider		15		\$0.24	\$4	0.18%	\$4
43								
44	Residential Distribution Credit Rider			1,384	0.00000%	\$0	0.00%	
45								
46	Pilot Throughput Balancing Adjustment Rider							
47	CSP Rate Zone			87,729	0.0005935	\$52		
48	OP Rate Zone				0.0007417	\$0		
49	Total Charge					\$52	2.58%	\$52
50								
51	Distribution Investment Rider			1,384	-3.27995%	-\$45	-2.25%	-\$45
52								
53	Tax Savings Credit Rider			87,729	(0.0002300)	-\$20	-1.00%	-\$20
54								
55	Total		15	87,729		\$2,019	100.00%	\$2,019

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Line No.	Rate Code (A)	Class/ Descript. (B)	Current Annualized		Most Current Rate (J)	Current Annualized Revenue (K)	% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)
			Customer Bills (C)	Sales KW / KWH (D)						
1	CSP									
2	RSDM									
3	Customer Charge:		15		\$8.40	\$126	5.59%	\$24	19.05%	19.05%
4	Energy Charge			87,729	\$0.0000000	\$0	0.00%	\$0	0.00%	0.00%
5	Demand Charge			289	\$3.17	\$916	40.61%	\$318	34.70%	34.70%
6										
7										
8	SUM									
9										
10	Customer Charge:		15			\$126				
11	Energy Charge			87,729		\$0				
12	Demand Charge			289		\$916				
13										
14	Total Base Distribution Revenue before Riders					\$1,042				
15										
16	Direct Load Control Credit Rider		0		-\$8.00	\$0	0.00%	\$0	0.00%	0.00%
17	\$12 Cell Phone Charge		0		\$0.00	\$0	0.00%	\$0	0.00%	0.00%
18	\$24 AMI Opt-Out Charge		0		\$0.00	\$0	0.00%	\$0	0.00%	0.00%
19	\$43 Manual Meter Read Charge		0		\$0.00	\$0	0.00%	\$0	0.00%	0.00%
20										
21	RIDERS									
22										
23	Universal Service Fund Rider									
24	First 833,000 kWh			87,729	0.0024978	\$219				
25	All Excess kWh			0	0.0001756	\$0				
26	Total Charge					\$219	9.71%	\$0	0.00%	0.00%
27										
28	KWH Tax Rider:									
29	First 2,000 KWH			21,729	0.00465	\$101				
30	Next 13,000 KWH			66,000	0.00419	\$277				
31	Excess of 15,000 KWH			0	0.00363	\$0				
32	Total Charge					\$378	16.74%	\$0	0.00%	0.00%
33										
34	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider			87,729	0.0031533	\$277	12.26%	-\$277	-100.00%	-100.00%
35										
36	Economic Development Cost Recovery Rider			1,042	1.35371%	\$14	0.63%	\$23	161.05%	161.05%
37										
38	Enhanced Service Reliability Rider			1,042	3.48287%	\$36	1.61%	-\$40	-110.61%	-110.61%
39										
40	gridSMART Rider - Phase 2		15		\$0.99	\$15	0.66%	\$0	0.00%	0.00%
41										
42	Smart City Rider		15		\$0.24	\$4	0.16%	\$0	0.00%	0.00%
43										
44	Residential Distribution Credit Rider			1,042	-3.58070%	-\$37	-1.65%	\$37	-100.00%	-100.00%
45										
46	Pilot Throughput Balancing Adjustment Rider									
47	CSP Rate Zone			87,729	0.0005935	\$52				
48	OP Rate Zone				0.0007417	\$0				
49	Total Charge					\$52	2.31%	\$0	0.00%	0.00%
50										
51	Distribution Investment Rider			1,042	39.11127%	\$408	18.07%	-\$453	-111.14%	-111.14%
52										
53	Tax Savings Credit Rider			87,729	(0.0017180)	-\$151	-6.68%	\$131	-86.61%	-86.61%
54										
55	Total		15	87,729		\$2,256	100.00%	-\$237	-10.52%	-10.52%

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 1 MOS Actual & 11 MOS Estimated
Type of Filing: ►Original___Updated___Revised
Work Paper Reference No(s): WPE-4.1a through WPE-4.1n

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Witness Responsible: D.M. Roush

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Annualized		% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
					Proposed Rate (E)	Proposed Revenue (F)		
1	GS-1	General Service - Unmetered						
2								
3	OPCo							
4	Customer Charge:		7,690		\$5.65	\$43,449	6.10%	\$43,449
5	Energy Charge			1,844,617	\$0.0205802	\$37,963	5.33%	\$37,963
6								
7								
8	CSP							
9	Customer Charge:		6,861		\$5.65	\$38,765	5.44%	\$38,765
10	Energy Charge			16,084,901	\$0.0205802	\$331,030	46.45%	\$331,030
11	Additional/Special Service Charge		3,060		\$3.00	\$9,180	1.29%	\$9,180
12								
13								
14	SUM							
15								
16	Customer Charge:		14,551			91,393		
17	Energy Charge			17,929,518		368,993		
18								
19	Total Base Distribution Revenue before Riders					460,386		
20								
21	Cell Phone Charge		0		\$12.00	\$0	0.00%	
22	AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	
23	Manual Meter Read Charge		0		\$50.00	\$0	0.00%	
24								
25	RIDERS							
26								
27	Universal Service Fund Rider							
28	First 833,000 kWh			17,929,518	0.0024978	\$44,784		
29	All Excess kWh			0	0.0001756	\$0		
30	Total Charge					\$44,784	6.28%	\$44,784
31								
32	KWH Tax Rider:							
33	First 2,000 KWH			4,938,187	0.00465	\$22,963		
34	Next 13,000 KWH			4,007,916	0.00419	\$16,793		
35	Excess of 15,000 KWH			8,948,078	0.00363	\$32,482		
36	Total Charge					\$72,237	10.14%	\$72,237
37								
38	Energy Efficiency and Peak Demand Reduction Cost Recovery			17,929,518	-	\$0	0.00%	
39	14,551				-	\$0	0.00%	
40								
41	Economic Development Cost Recovery Rider			460,386	2.66085%	\$12,250	1.72%	\$12,250
42								
43	Enhanced Service Reliability Rider			460,386	-0.27829%	-\$1,281	-0.18%	-\$1,281
44								
45	gridSMART Rider - Phase 2		14,551		\$8.66	\$126,012	17.68%	\$126,012
46								
47	Smart City Rider		14,551		\$0.93	\$13,532	1.90%	\$13,532
48								
49	Pilot Throughput Balancing Adjustment Rider							
50	CSP Rate Zone			16,084,901	0.0006685	\$10,753		
51	OP Rate Zone			1,844,617	0.0001055	\$195		
52	Total Charge					\$10,947	1.54%	\$10,947
53								
54	Distribution Investment Rider			460,386	-3.27995%	-\$15,100	-2.12%	-\$15,100
55								
56	Tax Savings Credit Rider			17,929,518	(0.0006200)	-\$11,116	-1.56%	-\$11,116
57								
58	Total		14,551	17,929,518		\$712,651	100.00%	\$712,651

OHIO POWER COMPANY
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Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Current Annualized		Current Annualized Revenue (K)	% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)
				Sales KW / KWH (D)	Most Current Rate (J)					
1	GS-1	General Service - Unmetered								
2										
3	OPCo									
4	Customer Charge:		7,690		\$7.35	\$56,522	7.22%	-\$13,073	-23.13%	-23.13%
5	Energy Charge			1,844,617	\$0.00280	\$5,165	0.66%	\$32,798	635.03%	635.03%
6										
7										
8	CSP									
9	Customer Charge:		6,861		\$3.90	\$26,758	3.42%	\$12,007	44.87%	44.87%
10	Energy Charge			16,084,901	\$0.01477	\$237,585	30.33%	\$93,445	39.33%	39.33%
11	Additional/Special Service Charge		3,060		\$3.00	\$9,180	1.17%	\$0	0.00%	0.00%
12										
13										
14	SUM									
15										
16	Customer Charge:		14,551			\$92,459				
17	Energy Charge			17,929,518		\$242,750				
18										
19	Total Base Distribution Revenue before Riders					\$335,209				
20										
21	\$12 Cell Phone Charge		0		\$0.00	\$0	0.00%	\$0	0.00%	0.00%
22	\$24 AMI Opt-Out Charge		0		\$0.00	\$0	0.00%	\$0	0.00%	0.00%
23	\$43 Manual Meter Read Charge		0		\$0.00	\$0	0.00%	\$0	0.00%	0.00%
24										
25	RIDERS									
26										
27	Universal Service Fund Rider									
28	First 833,000 kWh			17,929,518	0.0024978	\$44,784				
29	All Excess kWh			0	0.0001756	\$0				
30	Total Charge					\$44,784	5.72%	\$0	0.00%	0.00%
31										
32	KWH Tax Rider:									
33	First 2,000 KWH			4,938,187	0.00465	\$22,963				
34	Next 13,000 KWH			4,007,916	0.00419	\$16,793				
35	Excess of 15,000 KWH			8,948,078	0.00363	\$32,482				
36	Total Charge					\$72,237	9.22%	\$0	0.00%	0.00%
37										
38	Energy Efficiency and Peak Demand Reduction Cost Recovery			17,929,518	0.0005533	\$9,920	1.27%	-\$9,920	-100.00%	-100.00%
39	14,551				2.97	\$43,216	5.52%	-\$43,216	-100.00%	-100.00%
40										
41	Economic Development Cost Recovery Rider			335,209	1.35371%	\$4,538	0.58%	\$7,712	169.96%	169.96%
42										
43	Enhanced Service Reliability Rider			335,209	3.48287%	\$11,675	1.49%	-\$12,956	-110.97%	-110.97%
44										
45	gridSMART Rider - Phase 2		14,551		\$8.66	\$126,012	16.09%	\$0	0.00%	0.00%
46										
47	Smart City Rider		14,551		\$0.93	\$13,532	1.73%	\$0	0.00%	0.00%
48										
49	Pilot Throughput Balancing Adjustment Rider									
50	CSP Rate Zone			16,084,901	0.0006685	\$10,753				
51	OP Rate Zone			1,844,617	0.0001055	\$195				
52	Total Charge					\$10,947	1.40%	\$0	0.00%	0.00%
53										
54	Distribution Investment Rider			335,209	39.11127%	\$131,105	16.74%	-\$146,205	-111.52%	-111.52%
55										
56	Tax Savings Credit Rider			17,929,518	(0.0011100)	-\$19,902	-2.54%	\$8,785	-44.14%	-44.14%
57										
58	Total		14,551	17,929,518		\$783,275	100.00%	-\$70,623	-9.02%	-9.02%

OHIO POWER COMPANY
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Data: 1 MOS Actual & 11 MOS Estimated
Type of Filing: ► Original ___ Updated ___ Revised
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Witness Responsible: D.M. Roush

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Annualized			
					Proposed Rate (E)	Proposed Revenue (F)	% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
1	OPCo	General Service - Metered						
2								
3	GS-1 Metered							
4	Customer Charge:		821,629		\$9.40	\$7,723,313	16.31%	\$7,723,313
5								
6	Energy Charge							
7	First 4500 kWh			372,316,763	\$0.0138367	\$5,151,635	10.88%	\$5,151,635
8	Over 4500 kWh			0		\$0	0.00%	
9								
10	Demand Charge (per KW)							
11	First 10 KW			0		\$0	0.00%	
12	Over 10 KW			0	\$0.00	\$0	0.00%	
13								
14	Off Peak Excess Demand Charge			0	\$0.00	\$0	0.00%	
15								
16	Excess Demand Charge (\$ per KVA)			0	\$1.25	\$0	0.00%	
17								
18	GS-1-ES							
19	Customer Charge:		35		\$9.40	\$329	0.00%	\$329
20								
21	Energy Charge			20,223	\$0.0205802	\$416	0.00%	\$416
22								
23	CSP							
24								
25	GS-1 Metered							
26	Customer Charge:		653,601		\$9.40	\$6,143,849	12.98%	\$6,143,849
27								
28	Energy Charge							
29	First 4500 kWh			342,141,689	\$0.0279184	\$9,552,049	20.17%	\$9,552,049
30	Over 4500 kWh			0		\$0	0.00%	
31								
32	Demand Charge (per KW)							
33	First 10 KW			0		\$0	0.00%	
34	Over 10 KW			0	\$0.00	\$0	0.00%	
35								
36	Off Peak Excess Demand Charge			0	\$0.00	\$0	0.00%	
37								
38	Excess Demand Charge (\$ per KVA)			0	\$1.25	\$0	0.00%	
39								
40								
41	SUM							
42								
43	Customer Charge:		1,475,265			13,867,491		
44	Energy Charge			714,478,675		14,704,100		
45	Demand Charge			0		0		
46	Excess Demand Charge (\$ per KVA)			0		0		
47	Off Peak Excess Demand Charge			0		0		
48								
49	Total Base Distribution Revenue before Riders					28,571,591		
50								
51	Cell Phone Charge		12		\$12.00	\$144	0.00%	\$144
52	AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	
53	Manual Meter Read Charge		24		\$50.00	\$1,200	0.00%	\$1,200
54								
55	RIDERS							
56								
57	Universal Service Fund Rider							
58	First 833,000 KWH			714,478,675	0.0024978	\$1,784,625		
59	All Excess KWH			0	0.0001756	\$0		
60	Total Charge					\$1,784,625	3.77%	\$1,784,625
61								
62	KWH Tax Rider:							
63	First 2,000 KWH			655,608,992	0.00465	\$3,048,582		
64	Next 13,000 KWH			52,656,786	0.00419	\$220,632		
65	Excess of 15,000 KWH			2,022,965	0.00363	\$7,343		
66	Total Charge					\$3,276,557	6.92%	\$3,276,557
67								
68	Energy Efficiency and Peak Demand Reduction Cost Recovery Ri			714,478,675	-	\$0	0.00%	
69	1,475,265				-	\$0	0.00%	
70								
71	Economic Development Cost Recovery Rider			28,571,591	2.66085%	\$760,246	1.61%	\$760,246
72								
73	Enhanced Service Reliability Rider			28,571,591	-0.27829%	-\$79,513	-0.17%	-\$79,513
74								
75	gridSMART Rider - Phase 2		1,475,265		\$8.66	\$12,775,795	26.98%	\$12,775,795
76								
77	Smart City Rider		1,475,265		\$0.93	\$1,371,996	2.90%	\$1,371,996
78								
79	Pilot Throughput Balancing Adjustment Rider							
80	CSP Rate Zone			342,141,689	0.0006685	\$228,722		
81	OP Rate Zone			372,336,986	0.0001055	\$39,282		
82	Total Charge					\$268,003	0.57%	\$268,003
83								
84	Distribution Investment Rider			28,571,591	-3.27995%	-\$937,133	-1.98%	-\$937,133
85								
86	Tax Savings Credit Rider			714,478,675	(0.0006200)	-\$442,977	-0.94%	-\$442,977
87								
88	Total		1,475,265	714,478,675		\$47,350,534	100.00%	\$47,350,534

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Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized Revenue (K)	% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)
1	OPCo	General Service - Metered								
2										
4	GS-1 Metered									
7	Customer Charge:		821,629		\$13.17	\$10,820,854	20.08%			
8	Energy Charge			372,316,763	\$0.0027999	\$1,042,450	1.93%			
10										
11	GS-1-ES									
14	Customer Charge:		35		\$13.17	\$461	0.00%			
15	Energy Charge			20,223	\$0.0027999	\$57	0.00%			
21										
22	CSP									
26										
27	GS-1 Metered									
28	Customer Charge:		653,601		\$6.47	\$4,228,798	7.85%			
29	Energy Charge			342,141,689	\$0.0147707	\$5,053,672	9.38%			
32										
33	SUM									
28										
29	Customer Charge:		1,475,265			\$15,050,113		-\$1,182,622	-7.86%	-7.86%
30	Energy Charge			714,478,675		\$6,096,179		\$8,607,922	141.20%	141.20%
31										
32										
33	Total Base Distribution Revenue before Riders					\$21,146,292				
34										
35	\$12 Cell Phone Charge		12		\$12.00	\$144	0.00%	\$0	0.00%	0.00%
36	\$24 AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	\$0	0.00%	0.00%
37	\$43 Manual Meter Read Charge		24		\$43.00	\$1,032	0.00%	\$168	16.28%	16.28%
38										
39	RIDERS									
40										
41	Universal Service Fund Rider									
42	First 833,000 kWh			714,478,675	0.0024978	\$1,784,625				
43	All Excess kWh			0	0.0001756	\$0				
44	Total Charge					\$1,784,625	3.31%	\$0	0.00%	0.00%
45										
46	KWH Tax Rider:									
47	First 2,000 KWH			655,608,992	0.00465	\$3,048,582				
48	Next 13,000 KWH			52,656,786	0.00419	\$220,632				
49	Excess of 15,000 KWH			2,022,965	0.00363	\$7,343				
50	Total Charge					\$3,276,557	6.08%	\$0	0.00%	0.00%
51										
52	Energy Efficiency and Peak Demand Reduction Cost Recovery Ri			714,478,675	0.0005533	\$395,321	0.73%	-\$395,321	-100.00%	-100.00%
53			1,475,265		2.97	\$4,381,537	8.13%	-\$4,381,537	-100.00%	-100.00%
54										
55	Economic Development Cost Recovery Rider			21,146,292	1.35371%	\$286,259	0.53%	\$473,986	165.58%	165.58%
56										
57	Enhanced Service Reliability Rider			21,146,292	3.48287%	\$736,498	1.37%	-\$816,011	-110.80%	-110.80%
58										
59	gridSMART Rider - Phase 2		1,475,265		\$8.66	\$12,775,795	23.70%	\$0	0.00%	0.00%
60										
61	Smart City Rider		1,475,265		\$0.93	\$1,371,996	2.55%	\$0	0.00%	0.00%
62										
63	Pilot Throughput Balancing Adjustment Rider									
64	CSP Rate Zone			342,141,689	0.0006685	\$228,722				
65	OP Rate Zone			372,336,986	0.0001055	\$39,282				
66	Total Charge					\$268,003	0.50%	\$0	0.00%	0.00%
67										
68	Distribution Investment Rider			21,146,292	39.11127%	\$8,270,583	15.34%	-\$9,207,717	-111.33%	-111.33%
69										
70	Tax Savings Credit Rider			714,478,675	(0.0011100)	-\$793,071	-1.47%	\$350,095	-44.14%	-44.14%
71										
72	Total		1,475,265	714,478,675		\$53,901,572	100.00%	-\$6,551,037	-12.15%	-12.15%

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Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Annualized		% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
					Proposed Rate (E)	Proposed Revenue (F)		
1	GS-2-TOD/ES							
2								
3	OPCo							
4	TOD Customer Charge:		4,289		\$9.40	\$40,317	4.60%	\$40,317
5	ES Customer Charge:		34		\$9.40	\$320	0.04%	\$320
6	Energy Charge:			18,048,805	\$0.0205802	\$371,448	42.34%	\$371,448
7								
8	Athletic Fields							
9	Customer Charge:		4,556		\$9.40	\$42,826	4.88%	\$42,826
10	Energy Charge:			7,631,139	\$0.0205802	\$157,050	17.90%	\$157,050
11								
12	CSP							
13	TOD Customer Charge:		196		\$9.40	\$1,842	0.21%	\$1,842
14	ES Customer Charge:		52		\$9.40	\$489	0.06%	\$489
15	Energy Charge:			818,257	\$0.0205802	\$16,840	1.92%	\$16,840
16								
17								
18								
19	SUM							
20								
21	Customer Charge		9,127			\$85,794		
22	Energy Charge			26,498,201		\$545,338		
23								
24	Total Base Distribution Revenue before Riders					631,132		
25								
26	Cell Phone Charge		36		\$12.00	\$432	0.05%	\$432
27	AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	
28	Manual Meter Read Charge		36		\$50.00	\$1,800	0.21%	\$1,800
29								
30	RIDERS							
31								
32	Universal Service Fund Rider							
33	First 833,000 kWh			26,498,201	0.0024978	\$66,187		
34	All Excess kWh			0	0.0001756	\$0		
35	Total Charge					\$66,187	7.54%	\$66,187
36								
37	KWH Tax Rider:							
38	First 2,000 KWH			9,588,880	0.00465	\$44,588		
39	Next 13,000 KWH			11,631,255	0.00419	\$48,735		
40	Excess of 15,000 KWH			5,228,360	0.00363	\$18,979		
41	Total Charge					\$112,302	12.80%	\$112,302
42								
43	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider			26,498,201	-	\$0	0.00%	
44			9,127		-	\$0	0.00%	
45								
46	Economic Development Cost Recovery Rider			631,132	2.66085%	\$16,793	1.91%	\$16,793
47								
48	Enhanced Service Reliability Rider			631,132	-0.27829%	-\$1,756	-0.20%	-\$1,756
49								
50	gridSMART Rider - Phase 2		9,127		\$8.66	\$79,040	9.01%	\$79,040
51								
52	Smart City Rider		9,127		\$0.93	\$8,488	0.97%	\$8,488
53								
54	Distribution Investment Rider			631,132	-3.27995%	-\$20,701	-2.36%	-\$20,701
55								
56	Tax Savings Credit Rider			26,498,201	(0.0006200)	-\$16,429	-1.87%	-\$16,429
57								
58	Total		9,127	26,498,201		\$877,289	100.00%	\$877,289

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 1 MOS Actual & 11 MOS Estimated
Type of Filing: ►Original___Updated___Revised
Work Paper Reference No(s): WPE-4.1a through WPE-4.1n

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Witness Responsible: D.M. Roush

Line No.	Rate Code (A)	Class/ Descript. (B)	Current Annualized		Most Current Rate (J)	Current Annualized Revenue (K)	% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)
			Customer Bills (C)	Sales KW / KWH (D)						
1	GS-2-TOD/ES									
2										
3	OPCo									
4	TOD Customer Charge:		4,289		\$22.79	\$97,746	10.38%			
5	ES Customer Charge:		34		\$2.96	\$101	0.01%			
6	Energy Charge:									
7	On-Peak			7,427,104	\$0.0227282	\$168,805	17.92%			
8	Off-Peak			10,520,142	\$0.0003512	\$3,695	0.39%			
9										
10	Athletic Fields									
11	Customer Charge:		4,556		\$17.23	\$78,500	8.33%			
12	Energy Charge:			7,631,139	\$0.0125784	\$95,988	10.19%			
13										
14	CSP									
15	TOD Customer Charge:		196		\$28.63	\$5,611	0.60%			
16	ES Customer Charge:		52		\$28.63	\$1,489	0.16%			
17	Energy Charge:									
18	On-Peak			265,296	\$0.0283254	\$7,515	0.80%			
19	Off-Peak			552,961	\$0.0003805	\$210	0.02%			
20										
21										
22										
23	SUM									
24										
25	Customer Charge		9,127			\$183,447				
26	Energy Charge			26,396,642		\$276,212		-\$97,653	-53.23%	-53.23%
27								\$269,126	97.43%	97.43%
28	Total Base Distribution Revenue before Riders					\$459,659				
29										
30	\$12 Cell Phone Charge		36		\$12.00	\$432	\$0.00	\$0	0.00%	0.00%
31	\$24 AMI Opt-Out Charge		0		\$24.00	\$0	\$0.00	\$0	0.00%	0.00%
32	\$43 Manual Meter Read Charge		36		\$43.00	\$1,548	\$0.00	\$252	16.28%	16.28%
33										
34	RIDERS									
35										
36	Universal Service Fund Rider									
37	First 833,000 kWh			26,498,201	0.0024978	\$66,187				
38	All Excess kWh			0	0.0001756	\$0				
39	Total Charge					\$66,187	7.03%	\$0	0.00%	0.00%
40										
41	KWH Tax Rider:									
42	First 2,000 KWH			9,588,880	0.00465	\$44,588				
43	Next 13,000 KWH			11,631,255	0.00419	\$48,735				
44	Excess of 15,000 KWH			5,228,360	0.00363	\$18,979				
45	Total Charge					\$112,302	11.92%	\$0	0.00%	0.00%
46										
47	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider			26,498,201	0.0005533	\$14,661	1.56%	-\$14,661	-100.00%	-100.00%
48			9,127		2.97	\$27,107	2.88%	-\$27,107	-100.00%	-100.00%
49										
50	Economic Development Cost Recovery Rider			459,659	1.35371%	\$6,222	0.66%	\$10,571	169.88%	169.88%
51										
52	Enhanced Service Reliability Rider			459,659	3.48287%	\$16,009	1.70%	-\$17,766	-110.97%	-110.97%
53										
54	gridSMART Rider - Phase 2		9,127		\$8.66	\$79,040	8.39%	\$0	0.00%	0.00%
55										
56	Smart City Rider		9,127		\$0.93	\$8,488	0.90%	\$0	0.00%	0.00%
57										
58	Distribution Investment Rider			459,659	39.11127%	\$179,778	19.08%	-\$200,479	-111.51%	-111.51%
59										
60	Tax Savings Credit Rider			26,498,201	(0.0011100)	-\$29,413	-3.12%	\$12,984	-44.14%	-44.14%
61										
62	Total		9,127	26,498,201		\$942,022	100.00%	-\$64,733	-6.87%	-6.87%

OHIO POWER COMPANY
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Witness Responsible: D.M. Roush

Line No.	Rate Code (A)	Class/ Descript. (B)	Proposed Annualized				% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
			Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Proposed Revenue (F)		
1	GS2	General Service - Secondary						
2								
3	OPCo							
4		Customer Charge	341,198		\$9.40	\$3,207,261	1.92%	\$3,207,261
5								
6		Demand Charge (per KW)						
7		First 10 KW		0		\$0	0.00%	
8		Over 10 KW		10,532,779	\$7.01	\$73,834,781	44.19%	\$73,834,781
9								
10		Energy Charge (per kWh)						
11		First 4500 kWh		0	\$0.0000000	\$0	0.00%	
12		Over 4500 kWh		2,778,789,714		\$0	0.00%	
13								
14		Off Peak Excess Demand Charge		790	\$7.01	\$5,538	0.00%	\$5,538
15								
16		Excess Demand Charge (\$ per KVA)		284,289	\$1.25	\$355,361	0.21%	\$355,361
17								
18	CSP							
19		Customer Charge	304,403		\$9.40	\$2,861,388	1.71%	\$2,861,388
20								
21		Demand Charge (per KW)						
22		First 10 KW		0		\$0	0.00%	
23		Over 10 KW		7,489,514	\$7.01	\$52,501,493	31.42%	\$52,501,493
24								
25		Energy Charge (per kWh)						
26		First 4500 kWh		0	\$0.0000000	\$0	0.00%	
27		Over 4500 kWh		2,079,934,792		\$0	0.00%	
28								
29		Off Peak Excess Demand Charge		570	\$7.01	\$3,996	0.00%	\$3,996
30								
31		Excess Demand Charge (\$ per KVA)		196,922	\$1.25	\$246,153	0.15%	\$246,153
32								
33								
34	SUM							
35								
36		Customer Charge	645,601			\$6,068,649		
37		Demand Charge (per KW)		18,022,293		\$126,336,274		
38		Energy Charge (per kWh)		4,858,724,506		\$0		
39		Excess Demand Charge (\$ per KVA)		481,211		\$601,514		
40		Off Peak Excess Demand Charge		1,360		\$9,534		
41								
42		Total Base Distribution Revenue before Riders				133,015,971		
43								
44		Cell Phone Charge	2,046		\$12.00	\$24,557	0.01%	\$24,557
45		AMI Opt-Out Charge	0		\$24.00	\$0	0.00%	
46		Manual Meter Read Charge	1,922		\$50.00	\$96,100	0.06%	\$96,100
47								
48	RIDERS							
49								
50		Universal Service Fund Rider						
51		First 833,000 kWh		4,846,582,561	0.0024978	\$12,105,794		
52		All Excess kWh		12,141,945	0.0001756	\$2,132		
53		Total Charge				\$12,107,926	7.25%	\$12,107,926
54								
55		KWH Tax Rider:						
56		First 2,000 KWH		1,098,564,591	0.00465	\$5,108,325		
57		Next 13,000 KWH		2,117,882,537	0.00419	\$8,873,928		
58		Excess of 15,000 KWH		1,622,214,368	0.00363	\$5,888,638		
59		Total Charge				\$19,870,891	11.89%	\$19,870,891
60								
61		Energy Efficiency and Peak Demand Reduction Cost Recovery Rider						
62		Energy		4,858,724,506	-	\$0		
63		Demand		18,123,656	-	\$0		
64		County Fairs	1,575		-	\$0		
65		Total Charge				\$0	0.00%	
66								
67		Economic Development Cost Recovery Rider		133,015,971	2.66085%	\$3,539,350	2.12%	\$3,539,350
68								
69		Enhanced Service Reliability Rider		133,015,971	-0.27829%	-\$370,175	-0.22%	-\$370,175
70								
71		gridSMART Rider - Phase 2	645,601		\$8.66	\$5,590,905	3.35%	\$5,590,905
72								
73		Smart City Rider	645,601		\$0.93	\$600,409	0.36%	\$600,409
74								
75		Distribution Investment Rider		133,015,971	-3.27995%	-\$4,362,855	-2.61%	-\$4,362,855
76								
77		Tax Savings Credit Rider		4,858,724,506	(0.0006200)	-\$3,012,409	-1.80%	-\$3,012,409
78								
79		Total	645,601	4,858,724,506		\$167,100,669	100.00%	\$167,100,669

OHIO POWER COMPANY
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Line No.	Rate Code (A)	Class/ Descript. (B)	Current Annualized				% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)
			Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized Revenue (K)				
1	GS2	General Service - Secondary								
2										
3	OPCo									
4	Customer Charge		341,198		\$22.79	\$7,775,902	4.47%			
5	Demand Charge (per KW)			10,602,582	\$4.16	\$44,106,741	25.36%			
6	Energy Charge (per kWh)			2,778,789,714	\$0.0000000	\$0	0.00%			
7	Off Peak Excess Demand Charge			788	\$4.16	\$3,278	0.00%			
8	Excess Demand Charge (\$ per KVA)			284,289	\$3.82	\$1,085,984	0.62%			
9	CSP									
10	Customer Charge		304,403		\$9.04	\$2,751,803	1.58%			
11	Demand Charge (per KW)			7,544,789	\$4.033	\$30,428,134	17.50%			
12	Energy Charge (per kWh)			2,079,934,792	\$0.0000000	\$0	0.00%			
13	Off Peak Excess Demand Charge			570	\$4.03	\$2,299	0.00%			
14										
15										
16	SUM									
17										
18	Customer Charge		645,601			\$10,527,706		-\$4,459,056	-42.36%	-42.36%
19	Demand Charge (per KW)			18,147,371		\$74,534,875		\$51,801,399	69.50%	69.50%
20	Energy Charge (per kWh)			4,858,724,506		\$0		\$0	0.00%	0.00%
21	Excess Demand Charge (\$ per KVA)			284,289		\$1,085,984		-\$484,470	-44.61%	-44.61%
22	Off Peak Excess Demand Charge			1,358		\$5,577		\$3,957	70.95%	70.95%
23										
24	Total Base Distribution Revenue before Riders					\$86,154,142				
25										
26	\$12 Cell Phone Charge		2,046		\$12.00	\$24,557	0.01%	\$0	0.00%	0.00%
27	\$24 AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	\$0	0.00%	0.00%
28	\$43 Manual Meter Read Charge		1,922		\$43.00	\$82,646	0.05%	\$13,454	16.28%	16.28%
29										
30	RIDERS									
31										
32	Universal Service Fund Rider									
33	First 833,000 kWh			4,846,582,561	0.0024978	\$12,105,794				
34	All Excess kWh			12,141,945	0.0001756	\$2,132				
35	Total Charge					\$12,107,926	6.96%	\$0	0.00%	0.00%
36										
37	KWH Tax Rider:									
38	First 2,000 KWH			1,098,564,591	0.00465	\$5,108,325				
39	Next 13,000 KWH			2,117,882,537	0.00419	\$8,873,928				
40	Excess of 15,000 KWH			1,622,214,368	0.00363	\$5,888,638				
41	Total Charge					\$19,870,891	11.43%	\$0	0.00%	0.00%
42										
43	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider									
44	Energy			4,858,724,506	0.0005533	\$2,688,332				
45	Demand			18,123,656	0.79	\$14,317,688				
46	County Fairs	1,575			2.97	\$4,678				
47	Total Charge					\$17,010,698	9.78%	-\$17,010,698	-100.00%	-100.00%
48										
49	Economic Development Cost Recovery Rider			86,154,142	1.35371%	\$1,166,277	0.67%	\$2,373,072	203.47%	203.47%
50										
51	Enhanced Service Reliability Rider			86,154,142	3.48287%	\$3,000,637	1.73%	-\$3,370,812	-112.34%	-112.34%
52										
53	gridSMART Rider - Phase 2	645,601			\$8.66	\$5,590,905	3.21%	\$0	0.00%	0.00%
54										
55	Smart City Rider	645,601			\$0.93	\$600,409	0.35%	\$0	0.00%	0.00%
56										
57	Distribution Investment Rider			86,154,142	39.11127%	\$33,695,979	19.38%	-\$38,058,834	-112.95%	-112.95%
58										
59	Tax Savings Credit Rider			4,858,724,506	(0.0011100)	-\$5,393,184	-3.10%	\$2,380,775	-44.14%	-44.14%
60										
61	Total		645,601	4,858,724,506		\$173,911,882	100.00%	-\$6,811,213	-3.92%	-3.92%

OHIO POWER COMPANY
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Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Annualized		% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
					Proposed Rate (E)	Proposed Revenue (F)		
1	GS2	General Service - Primary						
2								
3	OPCo							
4	Customer Charge		4,199		\$138.50	\$581,562	2.94%	\$581,562
5								
6	Demand Charge (per KW)							
7	First 10 KW			0		\$0	0.00%	
8	Over 10 KW			1,817,076	\$6.72	\$12,210,751	61.65%	\$12,210,751
9								
10	Energy Charge (per kWh)							
11	First 4500 kWh			0	\$0.0000000	\$0	0.00%	
12	Over 4500 kWh			524,623,980		\$0	0.00%	
13								
14	Off Peak Excess Demand Charge			7,733	\$6.72	\$51,966	0.26%	\$51,966
15								
16	Excess Demand Charge (\$ per KVA)			123,798	\$1.21	\$149,796	0.76%	\$149,796
17								
18	CSP							
19	Customer Charge		1,210		\$138.50	\$167,585	0.85%	\$167,585
20								
21	Demand Charge (per KW)							
22	First 10 KW			0		\$0	0.00%	
23	Over 10 KW			539,363	\$5.85	\$3,155,274	15.93%	\$3,155,274
24								
25	Energy Charge (per kWh)							
26	First 4500 kWh			0	\$0.0000000	\$0	0.00%	
27	Over 4500 kWh			142,232,881		\$0	0.00%	
28								
29	Off Peak Excess Demand Charge			1,659	\$5.85	\$9,705	0.05%	\$9,705
30								
31	Excess Demand Charge (\$ per KVA)			21,499	\$1.21	\$26,014	0.13%	\$26,014
32								
33								
34	SUM							
35								
36	Customer Charge		5,409			\$749,147		
37	Demand Charge (per KW)			2,356,439		\$15,366,024		
38	Energy Charge (per kWh)			666,856,861		\$0		
39	Excess Demand Charge (\$ per KVA)			145,297		\$175,809		
40	Off Peak Excess Demand Charge			9,392		\$61,671		
41								
42	Total Base Distribution Revenue before Riders					16,352,651		
43								
44	Cell Phone Charge		624		\$12.00	\$7,488	0.04%	\$7,488
45	AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	
46	Manual Meter Read Charge		324		\$50.00	\$16,200	0.08%	\$16,200
47								
48	RIDERS							
49								
50	Universal Service Fund Rider							
51	First 833,000 kWh			591,912,762	0.0024978	\$1,478,480		
52	All Excess kWh			74,944,099	0.0001756	\$13,160		
53	Total Charge					\$1,491,640	7.53%	\$1,491,640
54								
55	KWH Tax Rider:							
56	First 2,000 KWH			10,516,276	0.00465	\$48,901		
57	Next 13,000 KWH			56,801,037	0.00419	\$237,996		
58	Excess of 15,000 KWH			595,123,671	0.00363	\$2,160,299		
59	Total Charge					\$2,447,196	12.36%	\$2,447,196
60								
61	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider							
62	Energy			666,856,861	-	\$0		
63	Demand			2,284,617	-	\$0		
64	County Fairs		3,368		-	\$0		
65	Total Charge					\$0	0.00%	
66								
67	Economic Development Cost Recovery Rider			16,352,651	2.66085%	\$435,119	2.20%	\$435,119
68								
69	Enhanced Service Reliability Rider			16,352,651	-0.27829%	-\$45,508	-0.23%	-\$45,508
70								
71	gridSMART Rider - Phase 2		5,409		\$8.66	\$46,842	0.24%	\$46,842
72								
73	Smart City Rider		5,409		\$0.93	\$5,030	0.03%	\$5,030
74								
75	Distribution Investment Rider			16,352,651	-3.27995%	-\$536,358	-2.71%	-\$536,358
76								
77	Tax Savings Credit Rider			666,856,861	(0.0006200)	-\$413,451	-2.09%	-\$413,451
78								
79	Total		5,409	666,856,861		\$19,806,848	100.00%	\$19,806,848

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Line No.	Rate Code (A)	Class/ Descript. (B)	Current Annualized				% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)
			Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized Revenue (K)				
1	GS2	General Service - Primary								
2										
3	OPCo									
4	Customer Charge		4,199		\$95.47	\$400,879	2.08%			
5	Demand Charge (per KW)			1,818,078	\$3.76	\$6,835,973	35.46%			
6	Energy Charge (per kWh)			524,623,980	\$0.0000000	\$0	0.00%			
7	Off Peak Excess Demand Charge			7,733	\$3.76	\$29,076	0.15%			
8	Excess Demand Charge (\$ per KVA)			123,798	\$3.82	\$472,908	2.45%			
9										
10	CSP									
11	Customer Charge		1,210		\$115.29	\$139,501	0.72%			
12	Demand Charge (per KW)			539,785	\$3.183	\$1,718,136	8.91%			
13	Energy Charge (per kWh)			142,232,881	\$0.0000000	\$0	0.00%			
14	Off Peak Excess Demand Charge			1,659	\$3.18	\$5,281	0.03%			
15										
16										
17	SUM									
18										
19	Customer Charge		5,409			\$540,379		\$208,767	38.63%	38.63%
20	Demand Charge (per KW)			2,357,863		\$8,554,109		\$6,811,915	79.63%	79.63%
21	Energy Charge (per kWh)			666,856,861		\$0		\$0	0.00%	0.00%
22	Excess Demand Charge (\$ per KVA)			123,798		\$472,908		-\$297,099	-62.82%	-62.82%
23	Off Peak Excess Demand Charge			9,392		\$34,357		\$27,314	79.50%	79.50%
24										
25	Total Base Distribution Revenue before Riders					\$9,601,753				
26										
27	\$12 Cell Phone Charge		624		\$12.00	\$7,488	0.04%	\$0	0.00%	0.00%
28	\$24 AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	\$0	0.00%	0.00%
29	\$43 Manual Meter Read Charge		324		\$43.00	\$13,932	0.07%	\$2,268	16.28%	16.28%
30										
31	RIDERS									
32										
33	Universal Service Fund Rider									
34	First 833,000 kWh			591,912,762	0.0024978	\$1,478,480				
35	All Excess kWh			74,944,099	0.0001756	\$13,160				
36	Total Charge					\$1,491,640	7.74%	\$0	0.00%	0.00%
37										
38	KWH Tax Rider:									
39	First 2,000 KWH			10,516,276	0.00465	\$48,901				
40	Next 13,000 KWH			56,801,037	0.00419	\$237,996				
41	Excess of 15,000 KWH			595,123,671	0.00363	\$2,160,299				
42	Total Charge					\$2,447,196	12.69%	\$0	0.00%	0.00%
43										
44	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider									
45	Energy			666,856,861	0.0005533	\$368,972				
46	Demand			2,284,617	0.79	\$1,804,847				
47	County Fairs		3,368		2.97	\$10,003				
48	Total Charge					\$2,183,822	11.33%	-\$2,183,822	-100.00%	-100.00%
49										
50	Economic Development Cost Recovery Rider			9,601,753	1.35371%	\$129,980	0.67%	\$305,139	234.76%	234.76%
51										
52	Enhanced Service Reliability Rider			9,601,753	3.48287%	\$334,417	1.73%	-\$379,925	-113.61%	-113.61%
53										
54	gridSMART Rider - Phase 2		5,409		\$8.66	\$46,842	0.24%	\$0	0.00%	0.00%
55										
56	Smart City Rider		5,409		\$0.93	\$5,030	0.03%	\$0	0.00%	0.00%
57										
58	Distribution Investment Rider			9,601,753	39.11127%	\$3,755,368	19.48%	-\$4,291,726	-114.28%	-114.28%
59										
60	Tax Savings Credit Rider			666,856,861	(0.0011100)	-\$740,211	-3.84%	\$326,760	-44.14%	-44.14%
61										
62	Total		5,409	666,856,861		\$19,277,257	100.00%	\$529,591	2.75%	2.75%

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 1 MOS Actual & 11 MOS Estimated
Type of Filing: ► Original___Updated___Revised
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Line No.	Rate Code (A)	Class/ Descript. (B)	Proposed Annualized				% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
			Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Proposed Revenue (F)		
1	GS2	General Service - Subtrans						
2								
3	OPCo							
4	Customer Charge		338		\$825.00	\$278,850	13.66%	\$278,850
5	Customer Charge		154		\$3,600.00	\$554,400	27.15%	\$554,400
6	Demand Charge (per KW)			597,573	\$0.00	\$0	0.00%	
7	Energy Charge (per kWh)			287,586,467	\$0.0000000	\$0	0.00%	
8	Off Peak Excess Demand Charge			10,538	\$0.00	\$0	0.00%	
9	Excess Reactive Charge (\$ per KVAR)			34,934	\$0.70	\$24,454	1.20%	\$24,454
10								
11								
12								
13	SUM							
14								
15	Customer Charge		492			\$833,250		
16	Demand Charge (per KW)			597,573		\$0		
17	Energy Charge (per kWh)			287,586,467		\$0		
18	Excess Demand Charge (\$ per KVA)			34,934		\$24,454		
19	Off Peak Excess Demand Charge			10,538		\$0		
20								
21	Total Base Distribution Revenue before Riders					857,704		
22								
23	Cell Phone Charge		48		\$12.00	\$576	0.03%	\$576
24	AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	
25	Manual Meter Read Charge		12		\$50.00	\$600	0.03%	\$600
26								
27	RIDERS							
28								
29	Universal Service Fund Rider							
30	First 833,000 kWh			179,838,675	0.0024978	\$449,201		
31	All Excess kWh			107,747,792	0.0001756	\$18,921		
32	Total Charge					\$468,122	22.93%	\$468,122
33								
34	KWH Tax Rider:							
35	First 2,000 KWH			959,058	0.00465	\$4,460		
36	Next 13,000 KWH			6,062,981	0.00419	\$25,404		
37	Excess of 15,000 KWH			238,655,896	0.00363	\$866,321		
38	Total Charge					\$896,184	43.89%	\$896,184
39								
40	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider							
41	Energy			287,586,467	-	\$0		
42	Demand			994,502	-	\$0		
43	County Fairs	0			-	\$0		
44	Total Charge					\$0	0.00%	
45								
46	Economic Development Cost Recovery Rider			857,704	2.66085%	\$22,822	1.12%	\$22,822
47								
48	Enhanced Service Reliability Rider			857,704	-0.27829%	-\$2,387	-0.12%	-\$2,387
49								
50	gridSMART Rider - Phase 2	492			\$8.66	\$4,261	0.21%	\$4,261
51								
52	Smart City Rider	492			\$0.93	\$458	0.02%	\$458
53								
54	Distribution Investment Rider			857,704	-3.27995%	-\$28,132	-1.38%	-\$28,132
55								
56	Tax Savings Credit Rider			287,586,467	(0.0006200)	-\$178,304	-8.73%	-\$178,304
57								
58	Total		492	287,586,467		\$2,041,903	100.00%	\$2,041,903

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
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Type of Filing: ☒ Original ☐ Updated ☐ Revised
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Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Current Annualized		Most Current Rate (J)	Current Annualized Revenue (K)	% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)
				Sales KW / KWH (D)							
1	GS2	General Service - Subtrans									
2											
3	OPCo										
4	Customer Charge		492			\$512.00	\$251,904	9.45%			
5	Demand Charge (per KW)			994,502		\$0.00	\$0	0.00%			
6	Energy Charge (per kWh)			287,586,467		\$0.0000000	\$0	0.00%			
7	Off Peak Excess Demand Charge			10,538		\$0.00	\$0	0.00%			
8	Excess Demand Charge (\$ per KVA)			56,146		\$3.82	\$214,478	8.04%			
9											
10											
11											
12	SUM										
13											
14	Customer Charge		492				\$251,904		\$581,346	230.78%	230.78%
15	Demand Charge (per KW)			994,502			\$0		\$0	0.00%	0.00%
16	Energy Charge (per kWh)			287,586,467			\$0		\$0	0.00%	0.00%
17	Excess Demand Charge (\$ per KVA)			56,146			\$214,478		-\$190,024	-88.60%	-88.60%
18	Off Peak Excess Demand Charge			10,538			\$0		\$0	0.00%	0.00%
19											
20	Total Base Distribution Revenue before Riders						\$466,382				
21											
22	\$12 Cell Phone Charge		48			\$12.00	\$576	0.02%	\$0	0.00%	0.00%
23	\$24 AMI Opt-Out Charge		0			\$24.00	\$0	0.00%	\$0	0.00%	0.00%
24	\$43 Manual Meter Read Charge		12			\$43.00	\$516	0.02%	\$84	16.28%	16.28%
25											
26	RIDERS										
27											
28	Universal Service Fund Rider										
29	First 833,000 kWh			179,838,675		0.0024978	\$449,201				
30	All Excess kWh			107,747,792		0.0001756	\$18,921				
31	Total Charge						\$468,122	17.55%	\$0	0.00%	0.00%
32											
33	KWH Tax Rider:										
34	First 2,000 KWH			959,058		0.00465	\$4,460				
35	Next 13,000 KWH			6,062,981		0.00419	\$25,404				
36	Excess of 15,000 KWH			238,655,896		0.00363	\$866,321				
37	Total Charge						\$896,184	33.60%	\$0	0.00%	0.00%
38											
39	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider										
40	Energy			287,586,467		0.0005533	\$159,122				
41	Demand			994,502		0.79	\$785,657				
42	County Fairs		0			2.97	\$0				
43	Total Charge						\$944,778	35.42%	-\$944,778	-100.00%	-100.00%
44											
45	Economic Development Cost Recovery Rider			466,382		1.35371%	\$6,313	0.24%	\$16,509	261.48%	261.48%
46											
47	Enhanced Service Reliability Rider			466,382		3.48287%	\$16,243	0.61%	-\$18,630	-114.69%	-114.69%
48											
49	gridSMART Rider - Phase 2		492			\$8.66	\$4,261	0.16%	\$0	0.00%	0.00%
50											
51	Smart City Rider		492			\$0.93	\$458	0.02%	\$0	0.00%	0.00%
52											
53	Distribution Investment Rider			466,382		39.11127%	\$182,408	6.84%	-\$210,540	-115.42%	-115.42%
54											
55	Tax Savings Credit Rider			287,586,467		(0.0011100)	-\$319,221	-11.97%	\$140,917	-44.14%	-44.14%
56											
57	Total		492	287,586,467			\$2,667,020	100.00%	-\$625,116	-23.44%	-23.44%

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Line No.	Rate Code (A)	Class/ Descript. (B)	Proposed Annualized				% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
			Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Proposed Revenue (F)		
1	GS2	General Service - Transmission						
2								
3	OPCo							
4	Customer Charge		0		\$825.00	\$0	0.00%	
5	Customer Charge		14		\$3,600.00	\$50,400	40.78%	\$50,400
6	Demand Charge (per KW)			28,000	\$0.00	\$0	0.00%	
7	Energy Charge (per kWh)			23,290,546	\$0.0000000	\$0	0.00%	
8	Off Peak Excess Demand Charge			0	\$0.00	\$0	0.00%	
9	Excess Reactive Charge (\$ per KVAR)			3,128	\$0.70	\$2,190	1.77%	\$2,190
10								
11								
12	SUM							
13								
14	Customer Charge		14			\$50,400		
15	Demand Charge (per KW)			28,000		\$0		
16	Energy Charge (per kWh)			23,290,546		\$0		
17	Excess Demand Charge (\$ per KVA)			3,128		\$2,190		
18	Off Peak Excess Demand Charge			0		\$0		
19								
20	Total Base Distribution Revenue before Riders					52,590		
21								
22	Cell Phone Charge		0		\$12.00	\$0	0.00%	
23	AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	
24	Manual Meter Read Charge		0		\$50.00	\$0	0.00%	
25								
26	RIDERS							
27								
28	Universal Service Fund Rider							
29	First 833,000 kWh			12,004,637	0.0024978	\$29,985		
30	All Excess kWh			11,285,909	0.0001756	\$1,982		
31	Total Charge					\$31,967	25.86%	\$31,967
32								
33	KWH Tax Rider:							
34	First 2,000 KWH			25,464	0.00465	\$118		
35	Next 13,000 KWH			165,518	0.00419	\$694		
36	Excess of 15,000 KWH			14,603,281	0.00363	\$53,010		
37	Total Charge					\$53,822	43.54%	\$53,822
38								
39	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider							
40	Energy			23,290,546	-	\$0		
41	Demand			90,720	-	\$0		
42	County Fairs		0		-	\$0		
43	Total Charge					\$0	0.00%	
44								
45	Economic Development Cost Recovery Rider			52,590	2.66085%	\$1,399	1.13%	\$1,399
46								
47	Enhanced Service Reliability Rider			52,590	-0.27829%	-\$146	-0.12%	-\$146
48								
49	gridSMART Rider - Phase 2		14		\$8.66	\$121	0.10%	\$121
50								
51	Smart City Rider		14		\$0.93	\$13	0.01%	\$13
52								
53	Distribution Investment Rider			52,590	-3.27995%	-\$1,725	-1.40%	-\$1,725
54								
55	Tax Savings Credit Rider			23,290,546	(0.0006200)	-\$14,440	-11.68%	-\$14,440
56								
57	Total		14	23,290,546		\$123,601	100.00%	\$123,601

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
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(Electric and Gas Utilities)

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Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Current Annualized		% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)
					Most Current Rate (J)	Current Annualized Revenue (K)				
1	GS2	General Service - Transmission								
2										
3	OPCo									
4	Customer Charge		14		\$512.00	\$7,168	3.54%			
5	Demand Charge (per KW)			90,720	\$0.00	\$0	0.00%			
6	Energy Charge (per kWh)			23,290,546	\$0.0000000	\$0	0.00%			
7	Off Peak Excess Demand Charge			0	\$0.00	\$0	0.00%			
8	Excess Demand Charge (\$ per KVA)			8,638	\$3.82	\$32,997	16.30%			
9										
10										
11	SUM									
12										
13	Customer Charge		14			\$7,168		\$43,232	603.13%	603.13%
14	Demand Charge (per KW)			90,720		\$0		\$0	0.00%	0.00%
15	Energy Charge (per kWh)			23,290,546		\$0		\$0	0.00%	0.00%
16	Excess Demand Charge (\$ per KVA)			8,638		\$32,997		-\$30,808	-93.36%	-93.36%
17	Off Peak Excess Demand Charge			0		\$0		\$0	0.00%	0.00%
18										
19	Total Base Distribution Revenue before Riders					\$40,165				
20										
21	\$12 Cell Phone Charge		0		\$12.00	\$0	0.00%	\$0	0.00%	0.00%
22	\$24 AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	\$0	0.00%	0.00%
23	\$43 Manual Meter Read Charge		0		\$43.00	\$0	0.00%	\$0	0.00%	0.00%
24										
25	RIDERS									
26										
27	Universal Service Fund Rider									
28	First 833,000 kWh			12,004,637	0.0024978	\$29,985				
29	All Excess kWh			11,285,909	0.0001756	\$1,982				
30	Total Charge					\$31,967	15.79%	\$0	0.00%	0.00%
31										
32	KWH Tax Rider:									
33	First 2,000 KWH			25,464	0.00465	\$118				
34	Next 13,000 KWH			165,518	0.00419	\$694				
35	Excess of 15,000 KWH			14,603,281	0.00363	\$53,010				
36	Total Charge					\$53,822	26.59%	\$0	0.00%	0.00%
37										
38	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider									
39	Energy			23,290,546	0.0005533	\$12,887				
40	Demand			90,720	0.79	\$71,669				
41	County Fairs		0		2.97	\$0				
42	Total Charge					\$84,555	41.77%	-\$84,555	-100.00%	-100.00%
43										
44	Economic Development Cost Recovery Rider			40,165	1.35371%	\$544	0.27%	\$856	157.36%	157.36%
45										
46	Enhanced Service Reliability Rider			40,165	3.48287%	\$1,399	0.69%	-\$1,545	-110.46%	-110.46%
47										
48	gridSMART Rider - Phase 2		14		\$8.66	\$121	0.06%	\$0	0.00%	0.00%
49										
50	Smart City Rider		14		\$0.93	\$13	0.01%	\$0	0.00%	0.00%
51										
52	Distribution Investment Rider			40,165	39.11127%	\$15,709	7.76%	-\$17,434	-110.98%	-110.98%
53										
54	Tax Savings Credit Rider			23,290,546	(0.0011100)	-\$25,853	-12.77%	\$11,412	-44.14%	-44.14%
55										
56	Total		14	23,290,546		\$202,443	100.00%	-\$78,842	-38.95%	-38.95%

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Line No.	Rate Code (A)	Class/ Descript. (B)	Proposed Annualized				% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
			Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Proposed Revenue (F)		
1	GS3	General Service - Secondary						
2								
3	OPCo							
4	Customer Charge		59,821		\$9.40	\$562,317	0.39%	\$562,317
5								
6	Demand Charge (per KW)							
7	First 10 KW			0		\$0	0.00%	
8	Over 10 KW			5,283,029	\$7.01	\$37,034,033	25.52%	\$37,034,033
9								
10	Energy Charge (per KWh)							
11	First 4500 kWh			0	\$0.0000000	\$0	0.00%	
12	Over 4500 kWh			2,373,819,575		\$0	0.00%	
13								
14	Excess Demand Charge (\$ per KVA)			100,361	\$1.25	\$125,451	0.09%	\$125,451
15								
16	Off Peak Excess Demand Charge			1,006	\$7.01	\$7,052	0.00%	\$7,052
17								
18								
19	CSP							
20	Customer Charge		64,765		\$9.40	\$608,791	0.42%	\$608,791
21								
22	Demand Charge (per KW)							
23	First 10 KW			0		\$0	0.00%	
24	Over 10 KW			9,879,688	\$7.01	\$69,256,613	47.73%	\$69,256,613
25								
26	Energy Charge (per KWh)							
27	First 4500 kWh			0	\$0.0000000	\$0	0.00%	
28	Over 4500 kWh			4,101,783,918		\$0	0.00%	
29								
30	Excess Demand Charge (\$ per KVA)			281,133	\$1.25	\$351,416	0.24%	\$351,416
31								
32	Off Peak Excess Demand Charge			27,769	\$7.01	\$194,661	0.13%	\$194,661
33								
34								
35								
36	SUM							
37								
38	Customer Charge		124,586			\$1,171,108		
39	Demand Charge (per KW)			15,162,717		\$106,290,646		
40	Energy Charge (per KWh)			6,475,603,493		\$0		
41	Excess Demand Charge (\$ per KVA)			381,494		\$476,868		
42	Off Peak Excess Demand Charge			28,775		\$201,713		
43								
44	Total Base Distribution Revenue before Riders					108,140,335		
45								
46	Cell Phone Charge		1,500		\$12.00	18,000	0.01%	\$18,000
47	AMI Opt-Out Charge		0		\$24.00	0	0.00%	
48	Manual Meter Read Charge		2,744		\$50.00	137,179	0.09%	\$137,179
49								
50	Alternate Feed Service Agreements							
51	Secondary Voltage Customers							
52	Primary AFS			56,778.0	\$2.54	\$144,216		
53	Secondary AFS			57,255.6	\$4.19	\$239,901		
54	Total AFS Chargee					\$384,117	0.26%	\$384,117
55								
56	RIDERS							
57								
58	Universal Service Fund Rider							
59	First 833,000 kWh			6,348,154,176	0.0024978	\$15,856,420		
60	All Excess kWh			127,834,150	0.0001756	\$22,448		
61	Total Charge					\$15,878,867	10.94%	\$15,878,867
62								
63	KWH Tax Rider:							
64	First 2,000 KWH			243,553,064	0.00465	\$1,132,522		
65	Next 13,000 KWH			1,342,143,114	0.00419	\$5,623,580		
66	Excess of 15,000 KWH			4,840,807,905	0.00363	\$17,572,133		
67	Total Charge					\$24,328,234	16.77%	\$24,328,234
68								
69	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider							
70	Energy			6,475,988,326	-	\$0		
71	Demand			15,165,977	-	\$0		
72	Total Charge					\$0	0.00%	
73								
74	Economic Development Cost Recovery Rider			108,140,335	2.66085%	\$2,877,447	1.98%	\$2,877,447
75								
76	Enhanced Service Reliability Rider			108,140,335	-0.27829%	-\$300,948	-0.21%	-\$300,948
77								
78	gridSMART Rider - Phase 2		124,586		\$8.66	\$1,078,915	0.74%	\$1,078,915
79								
80	Smart City Rider		124,586		\$0.93	\$115,865	0.08%	\$115,865
81								
82	Distribution Investment Rider			108,140,335	-3.27995%	-\$3,546,947	-2.44%	-\$3,546,947
83								
84	Tax Savings Credit Rider			6,475,988,326	(0.0006200)	-\$4,015,113	-2.77%	-\$4,015,113
85								
86	Total		124,586	6,475,988,326		\$145,095,951	100.00%	\$145,095,951

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Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Current Annualized			% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)
					Most Current Rate (J)	Current Annualized Revenue (K)					
1	GS3	General Service - Secondary									
2											
3	OPCo										
4		Customer Charge	59,821		\$22.79	\$1,363,321		0.95%			
5		Demand Charge (per KW)		5,285,059	\$4.16	\$21,985,845		15.36%			
6		Energy Charge (per kWh)		2,373,819,575	\$0.0000000	\$0		0.00%			
7		Excess Demand Charge (\$ per KVA)		100,361	\$3.82	\$383,379		0.27%			
8		Off Peak Excess Demand Charge		1,006	\$4.16	\$4,185		0.00%			
9											
10											
11	CSP										
12		Customer Charge	64,765		\$9.04	\$585,476		0.41%			
13		Demand Charge (per KW)		9,880,918	\$4.033	\$39,849,742		27.83%			
14		Energy Charge (per kWh)		4,101,783,918	\$0.0000000	\$0		0.00%			
15		Excess Demand Charge (\$ per KVA)		281,133	\$0.86	\$242,618		0.17%			
16		Off Peak Excess Demand Charge		27,768	\$4.033	\$111,988		0.08%			
17											
18											
19	SUM										
20											
21											
22		Customer Charge	124,586			\$1,948,796			-\$777,688	-39.91%	-39.91%
23		Demand Charge (per KW)		15,165,977		\$61,835,588			\$44,455,058	71.89%	71.89%
24		Energy Charge (per kWh)		6,475,603,493		\$0			\$0	0.00%	0.00%
25		Excess Demand Charge (\$ per KVA)		381,494		\$625,997			-\$149,129	-23.82%	-23.82%
26		Off Peak Excess Demand Charge		28,774		\$116,173			\$85,539	73.63%	73.63%
27											
28		Total Base Distribution Revenue before Riders				\$64,526,554					
29											
30	\$12 Cell Phone Charge		1,500		\$12.00	\$18,000		0.01%	\$0	0.00%	0.00%
31	\$24 AMI Opt-Out Charge		0		\$24.00	\$0		0.00%	\$0	0.00%	0.00%
32	\$43 Manual Meter Read Charge		2,744		\$43.00	\$117,974		0.08%	\$19,205	16.28%	16.28%
33											
34	Alternate Feed Service Agreements										
35		Secondary Voltage Customers									
36		Primary AFS		56,778.0	\$2.54	\$144,216					
37		Secondary AFS		57,255.6	\$4.19	\$239,901					
38		Total AFS Chargee				\$384,117		0.27%	\$0	0.00%	0.00%
39											
40	RIDERS										
41											
42	Universal Service Fund Rider										
43		First 833,000 kWh		6,348,154,176	0.0024978	\$15,856,420					
44		All Excess kWh		127,834,150	0.0001756	\$22,448					
45		Total Charge				\$15,878,867		11.09%	\$0	0.00%	0.00%
46											
47	KWH Tax Rider:										
48		First 2,000 KWH		243,553,064	0.00465	\$1,132,522					
49		Next 13,000 KWH		1,342,143,114	0.00419	\$5,623,580					
50		Excess of 15,000 KWH		4,840,807,905	0.00363	\$17,572,133					
51		Total Charge				\$24,328,234		16.99%	\$0	0.00%	0.00%
52											
53	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider										
54		Energy		6,475,988,326	0.0005533	\$3,583,164					
55		Demand		15,165,977	0.79	\$11,981,122					
56		Total Charge				\$15,564,286		10.87%	-\$15,564,286	-100.00%	-100.00%
57											
58	Economic Development Cost Recovery Rider			64,526,554	1.35371%	\$873,502		0.61%	\$2,003,945	229.41%	229.41%
59											
60	Enhanced Service Reliability Rider			64,526,554	3.48287%	\$2,247,376		1.57%	-\$2,548,324	-113.39%	-113.39%
61											
62	gridSMART Rider - Phase 2		124,586		\$8.66	\$1,078,915		0.75%	\$0	0.00%	0.00%
63											
64	Smart City Rider		124,586		\$0.93	\$115,865		0.08%	\$0	0.00%	0.00%
65											
66	Distribution Investment Rider			64,526,554	39.11127%	\$25,237,155		17.63%	-\$28,784,102	-114.05%	-114.05%
67											
68	Tax Savings Credit Rider			6,475,988,326	(0.0011100)	-\$7,188,347		-5.02%	\$3,173,234	-44.14%	-44.14%
69											
70	Total		124,586	6,475,988,326		\$143,182,498		100.00%	\$1,913,453	1.34%	1.34%

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 1 MOS Actual & 11 MOS Estimated
Type of Filing: ►Original___Updated___Revised
Work Paper Reference No(s): WPE-4.1a through WPE-4.1n

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Witness Responsible: D.M. Roush

Proposed Annualized								
Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Proposed Revenue (F)	% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
1	GS3	General Service - Primary						
2								
3	OPCo							
4	Customer Charge		4,217		\$138.50	\$584,055	0.63%	\$584,055
5								
6	Demand Charge (per KW)			0		\$0	0.00%	
7	First 10 KW			4,937,294	\$6.72	\$33,178,616	35.81%	\$33,178,616
8	Over 10 KW							
9								
10	Energy Charge (per kWh)			0	\$0.0000000	\$0	0.00%	
11	First 4500 kWh			2,566,408,642		\$0	0.00%	
12	Over 4500 kWh							
13								
14	Excess Demand Charge (\$ per KVA)			142,164	\$1.21	\$172,018	0.19%	\$172,018
15								
16	Off Peak Excess Demand Charge			1,273	\$6.72	\$8,555	0.01%	\$8,555
17								
18								
19	CSP							
20	Customer Charge		6,162		\$138.50	\$853,437	0.92%	\$853,437
21								
22	Demand Charge (per KW)			0		\$0	0.00%	
23	First 10 KW			5,268,957	\$5.850	\$30,823,398	33.27%	\$30,823,398
24	Over 10 KW							
25								
26	Energy Charge (per kWh)			0	\$0.0000000	\$0	0.00%	
27	First 4500 kWh			2,550,117,968		\$0	0.00%	
28	Over 4500 kWh							
29								
30	Excess Demand Charge (\$ per KVA)			239,542	\$1.21	\$289,846	0.31%	\$289,846
31								
32	Off Peak Excess Demand Charge			47,265	\$5.85	\$276,500	0.30%	\$276,500
33								
34								
35	SUM							
36	Customer Charge		10,379			\$1,437,492		
37	Demand Charge (per KW)			10,206,251		\$64,002,014		
38	Energy Charge (per kWh)			5,116,526,610		\$0		
39	Excess Demand Charge (\$ per KVA)			381,706		\$461,864		
40	Off Peak Excess Demand Charge			48,538		\$285,055		
41								
42								
43	Total Base Distribution Revenue before Riders					66,186,425		
44								
45	Cell Phone Charge		360		\$12.00	4,320	0.00%	\$4,320
46	AMI Opt-Out Charge		0		\$24.00	0	0.00%	
47	Manual Meter Read Charge		792		\$50.00	39,600	0.04%	\$39,600
48								
49	Alternate Feed Service Agreements							
50	Primary Voltage Customers							
51	Special AFS			2,400.0	\$0.222	\$533		
52	Special AFS			47,400.0	\$1.50	\$71,100		
53	Primary AFS - Hospital			462,259.2	\$2.50	\$1,155,648		
54	Primary AFS			808,329.6	\$2.54	\$2,053,157		
55	Primary AFS			31,778.4	\$2.54	\$80,717		
56	Special AFS			12.0	\$553	\$6,636		
57	Total AFS Chargee					\$3,367,791	3.64%	\$3,367,791
58								
59	RIDERS							
60								
61	Universal Service Fund Rider							
62	First 833,000 kWh			3,535,901,111	0.0024978	\$8,831,974		
63	All Excess kWh			1,579,260,331	0.0001756	\$277,318		
64	Total Charge					\$9,109,292	9.83%	\$9,109,292
65								
66	KWH Tax Rider:							
67	First 2,000 KWH			20,304,141	0.00465	\$94,414		
68	Next 13,000 KWH			128,845,189	0.00419	\$539,861		
69	Excess of 15,000 KWH			4,675,252,556	0.00363	\$16,971,167		
70	Total Charge					\$17,605,442	19.00%	\$17,605,442
71								
72	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider							
73	Energy			5,115,161,442	-	\$0		
74	Demand			10,806,419	-	\$0		
75	Total Charge					\$0	0.00%	
76								
77	Economic Development Cost Recovery Rider			66,186,425	2.66085%	\$1,761,119	1.90%	\$1,761,119
78								
79	Enhanced Service Reliability Rider			66,186,425	-0.27829%	-\$184,193	-0.20%	-\$184,193
80								
81	gridSMART Rider - Phase 2		10,379		\$8.66	\$89,882	0.10%	\$89,882
82								
83	Smart City Rider		10,379		\$0.93	\$9,652	0.01%	\$9,652
84								
85	Distribution Investment Rider			66,186,425	-3.27995%	-\$2,170,880	-2.34%	-\$2,170,880
86								
87	Tax Savings Credit Rider			5,115,161,442	(0.0006200)	-\$3,171,400	-3.42%	-\$3,171,400
88								
89	Total		10,379	5,115,161,442		\$92,647,050	100.00%	\$92,647,050

OHIO POWER COMPANY
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Work Paper Reference No(s): WPE-4.1a through WPE-4.1n

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Witness Responsible: D.M. Roush

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized Revenue (K)	% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)
1	GS3	General Service - Primary								
2										
3	OPCo									
4		Customer Charge	4,217		\$95.47	\$402,597	0.43%			
5		Demand Charge (per KW)		5,237,294	\$3.76	\$19,692,225	21.25%			
6		Energy Charge (per kWh)		2,566,408,642	\$0.00000000	\$0	0.00%			
7		Excess Demand Charge (\$ per KVA)		142,164	\$3.82	\$543,066	0.59%			
8		Off Peak Excess Demand Charge		1,273	\$3.76	\$4,786	0.01%			
9										
10										
11	CSP									
12		Customer Charge	6,162		\$115.29	\$710,417	0.77%			
13		Demand Charge (per KW)		5,569,125	\$3.183	\$17,726,525	19.13%			
14		Energy Charge (per kWh)		2,550,117,968	\$0.00000000	\$0	0.00%			
15		Excess Demand Charge (\$ per KVA)		239,542	\$0.84	\$200,018	0.22%			
16		Off Peak Excess Demand Charge		47,265	\$3.183	\$150,444	0.16%			
17										
18										
19	SUM									
20										
21		Customer Charge	10,379			\$1,113,014		\$324,478	29.15%	29.15%
22		Demand Charge (per KW)		10,806,419		\$37,418,750		\$26,583,264	71.04%	71.04%
23		Energy Charge (per kWh)		5,116,526,610		\$0		\$0	0.00%	0.00%
24		Excess Demand Charge (\$ per KVA)		381,706		\$743,084		-\$281,220	-37.84%	-37.84%
25		Off Peak Excess Demand Charge		48,538		\$155,231		\$129,824	83.63%	83.63%
26										
27		Total Base Distribution Revenue before Riders				\$39,430,079				
28										
29	\$12 Cell Phone Charge		360		\$12.00	\$4,320	0.00%	\$0	0.00%	0.00%
30	\$24 AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	\$0	0.00%	0.00%
31	\$43 Manual Meter Read Charge		792		\$43.00	\$34,056	0.04%	\$5,544	16.28%	16.28%
32										
33	Alternate Feed Service Agreements									
34	Primary Voltage Customers									
35	Special AFS			2,400.0	\$0.222	\$533				
36	Special AFS			47,400.0	\$1.50	\$71,100				
37	Primary AFS - Hospital			462,259.2	\$2.50	\$1,155,648				
38	Primary AFS			808,329.6	\$2.54	\$2,053,157				
39	Primary AFS			31,778.4	\$3.07	\$97,560				
40	Special AFS			12.0	\$553	\$6,636				
41	Total AFS Chargee					\$3,384,634	3.65%	-\$16,843	-0.50%	-0.50%
42										
43	RIDERS									
44										
45	Universal Service Fund Rider									
46	First 833,000 kWh			3,535,901,111	0.0024978	\$8,831,974				
47	All Excess kWh			1,579,260,331	0.0001756	\$277,318				
48	Total Charge					\$9,109,292	9.83%	\$0	0.00%	0.00%
49										
50	KWH Tax Rider:									
51	First 2,000 KWH			20,304,141	0.00465	\$94,414				
52	Next 13,000 KWH			128,845,189	0.00419	\$539,861				
53	Excess of 15,000 KWH			4,675,252,556	0.00363	\$16,971,167				
54	Total Charge					\$17,605,442	18.99%	\$0	0.00%	0.00%
55										
56	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider									
57	Energy			5,115,161,442	0.0005533	\$2,830,219				
58	Demand			10,806,419	0.79	\$8,537,071				
59	Total Charge					\$11,367,290	12.26%	-\$11,367,290	-100.00%	-100.00%
60										
61	Economic Development Cost Recovery Rider			39,430,079	1.35371%	\$533,769	0.58%	\$1,227,350	229.94%	229.94%
62										
63	Enhanced Service Reliability Rider			39,430,079	3.48287%	\$1,373,298	1.48%	-\$1,557,491	-113.41%	-113.41%
64										
65	gridSMART Rider - Phase 2		10,379		\$8.66	\$89,882	0.10%	\$0	0.00%	0.00%
66										
67	Smart City Rider		10,379		\$0.93	\$9,652	0.01%	\$0	0.00%	0.00%
68										
69	Distribution Investment Rider			39,430,079	39.11127%	\$15,421,605	16.64%	-\$17,592,485	-114.08%	-114.08%
70										
71	Tax Savings Credit Rider			5,115,161,442	(0.0011100)	-\$5,677,829	-6.13%	\$2,506,429	-44.14%	-44.14%
72										
73	Total		10,379	5,115,161,442		\$92,685,491	100.00%	-\$38,441	-0.04%	-0.04%

OHIO POWER COMPANY
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Work Paper Reference No(s): WPE-4.1a through WPE-4.1n

Schedule E-4.1
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Witness Responsible: D.M. Roush

Line No.	Rate Code (A)	Class/ Descript. (B)	Proposed Annualized				% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
			Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Proposed Revenue (F)		
1	GS3	General Service - Subtrans						
2								
3	OPCo							
4	Customer Charge		517		\$825.00	\$426,525	6.84%	\$426,525
5	Customer Charge		361		\$3,600.00	\$1,299,600	20.83%	\$1,299,600
6	Demand Charge (per KW)			1,195,926	\$0.00	\$0	0.00%	
7	Energy Charge (per kWh)			1,120,783,583	\$0.0000000	\$0	0.00%	
8	Excess Reactive Charge (\$ per KVAR)			95,730	\$0.70	\$67,011	1.07%	\$67,011
9	Off Peak Excess Demand Charge			145,477	\$0.00	\$0	0.00%	
10								
11								
12								
13	SUM							
14								
15	Customer Charge		878			\$1,726,125		
16	Demand Charge (per KW)			1,195,926		\$0		
17	Energy Charge (per kWh)			1,120,783,583		\$0		
18	Excess Demand Charge (\$ per KVA)			95,730		\$67,011		
19	Off Peak Excess Demand Charge			145,477		\$0		
20								
21	Total Base Distribution Revenue before Riders					1,793,136		
22								
23	Cell Phone Charge		72		\$12.00	\$864	0.01%	\$864
24	AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	
25	Manual Meter Read Charge		12		\$50.00	\$600	0.01%	\$600
26								
27	RIDERS							
28								
29	Universal Service Fund Rider							
30	First 833,000 kWh			472,092,734	0.0024978	\$1,179,193		
31	All Excess kWh			647,271,845	0.0001756	\$113,661		
32	Total Charge					\$1,292,854	20.72%	\$1,292,854
33								
34	KWH Tax Rider:							
35	First 2,000 KWH			1,811,944	0.00465	\$8,426		
36	Next 13,000 KWH			11,471,437	0.00419	\$48,065		
37	Excess of 15,000 KWH			1,045,900,916	0.00363	\$3,796,620		
38	Total Charge					\$3,853,111	61.76%	\$3,853,111
39								
40	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider							
41	Energy			1,119,364,579	-	\$0		
42	Demand			2,418,595	-	\$0		
43	Total Charge					\$0	0.00%	
44								
45	Economic Development Cost Recovery Rider			1,793,136	2.66085%	\$47,713	0.76%	\$47,713
46								
47	Enhanced Service Reliability Rider			1,793,136	-0.27829%	-\$4,990	-0.08%	-\$4,990
48								
49	gridSMART Rider - Phase 2		878		\$8.66	\$7,603	0.12%	\$7,603
50								
51	Smart City Rider		878		\$0.93	\$817	0.01%	\$817
52								
53	Distribution Investment Rider			1,793,136	-3.27995%	-\$58,814	-0.94%	-\$58,814
54								
55	Tax Savings Credit Rider			1,119,364,579	(0.0006200)	-\$694,006	-11.12%	-\$694,006
56								
57	Total		878	1,119,364,579		\$6,238,888	100.00%	\$6,238,888

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Schedule E-4.1
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Witness Responsible: D.M. Roush

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Current Annualized		% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)
					Most Current Rate (J)	Current Annualized Revenue (K)				
1	GS3	General Service - Subtrans								
2										
3	OPCo									
4	Customer Charge		878		\$512.00	\$449,536	5.92%			
5	Demand Charge (per KW)			2,418,595	\$0.00	\$0	0.00%			
6	Energy Charge (per kWh)			1,120,783,583	\$0.0000000	\$0	0.00%			
7	Excess Demand Charge (\$ per KVA)			90,714	\$3.82	\$346,527	4.57%			
8	Off Peak Excess Demand Charge			145,477	\$0.00	\$0	0.00%			
9										
10										
11										
12	SUM									
13										
14	Customer Charge		878			\$449,536		\$1,276,589	283.98%	283.98%
15	Demand Charge (per KW)			2,418,595		\$0		\$0	0.00%	0.00%
16	Energy Charge (per kWh)			1,120,783,583		\$0		\$0	0.00%	0.00%
17	Excess Demand Charge (\$ per KVA)			90,714		\$346,527		-\$279,516	-80.66%	-80.66%
18	Off Peak Excess Demand Charge			145,477		\$0		\$0	0.00%	0.00%
19										
20	Total Base Distribution Revenue before Riders					\$796,063				
21										
22	\$12 Cell Phone Charge		72		\$12.00	\$864	0.01%	\$0	0.00%	0.00%
23	\$24 AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	\$0	0.00%	0.00%
24	\$43 Manual Meter Read Charge		12		\$43.00	\$516	0.01%	\$84	16.28%	16.28%
25										
26	RIDERS									
27										
28	Universal Service Fund Rider									
29	First 833,000 kWh			472,092,734	0.0024978	\$1,179,193				
30	All Excess kWh			647,271,845	0.0001756	\$113,661				
31	Total Charge					\$1,292,854	17.04%	\$0	0.00%	0.00%
32										
33	KWH Tax Rider:									
34	First 2,000 KWH			1,811,944	0.00465	\$8,426				
35	Next 13,000 KWH			11,471,437	0.00419	\$48,065				
36	Excess of 15,000 KWH			1,045,900,916	0.00363	\$3,796,620				
37	Total Charge					\$3,853,111	50.77%	\$0	0.00%	0.00%
38										
39	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider									
40	Energy			1,119,364,579	0.0005533	\$619,344				
41	Demand			2,418,595	0.79	\$1,910,690				
42	Total Charge					\$2,530,034	33.34%	-\$2,530,034	-100.00%	-100.00%
43										
44	Economic Development Cost Recovery Rider			796,063	1.35371%	\$10,776	0.14%	\$36,936	342.75%	342.75%
45										
46	Enhanced Service Reliability Rider			796,063	3.48287%	\$27,726	0.37%	-\$32,716	-118.00%	-118.00%
47										
48	gridSMART Rider - Phase 2		878		\$8.66	\$7,603	0.10%	\$0	0.00%	0.00%
49										
50	Smart City Rider		878		\$0.93	\$817	0.01%	\$0	0.00%	0.00%
51										
52	Distribution Investment Rider			796,063	39.11127%	\$311,351	4.10%	-\$370,164	-118.89%	-118.89%
53										
54	Tax Savings Credit Rider			1,119,364,579	(0.0011100)	-\$1,242,495	-16.37%	\$548,489	-44.14%	-44.14%
55										
56	Total		878	1,119,364,579		\$7,589,221	100.00%	-\$1,350,334	-17.79%	-17.79%

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 1 MOS Actual & 11 MOS Estimated
Type of Filing: ►Original___Updated___Revised
Work Paper Reference No(s): WPE-4.1a through WPE-4.1n

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Witness Responsible: D.M. Roush

Line No.	Rate Code (A)	Class/ Descript. (B)	Proposed Annualized				% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
			Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Proposed Revenue (F)		
1	GS3	General Service - Transmission						
2								
3	OPCo							
4		Customer Charge	36		\$825.00	\$29,700	7.98%	\$29,700
5		Customer Charge	33		\$3,600.00	\$118,800	31.90%	\$118,800
6		Demand Charge (per KW)		82,200	\$0.00	\$0	0.00%	
7		Energy Charge (per kWh)		56,938,541	\$0.0000000	\$0	0.00%	
8		Excess Reactive Charge (\$ per KVAR)		3,488	\$0.70	\$2,442	0.66%	\$2,442
9		Off Peak Excess Demand Charge		1,681	\$0.00	\$0	0.00%	
10								
11								
12								
13	SUM							
14								
15		Customer Charge	69			\$148,500		
16		Demand Charge (per KW)		82,200		\$0		
17		Energy Charge (per kWh)		56,938,541		\$0		
18		Excess Demand Charge (\$ per KVA)		3,488		\$2,442		
19		Off Peak Excess Demand Charge		1,681		\$0		
20								
21		Total Base Distribution Revenue before Riders				150,942		
22								
23		Cell Phone Charge	0		\$12.00	\$0	0.00%	
24		AMI Opt-Out Charge	0		\$24.00	\$0	0.00%	
25		Manual Meter Read Charge	0		\$50.00	\$0	0.00%	
26								
27	RIDERS							
28								
29		Universal Service Fund Rider						
30		First 833,000 kWh		18,074,348	0.0024978	\$45,146		
31		All Excess kWh		38,383,858	0.0001756	\$6,740		
32		Total Charge				\$51,886	13.93%	\$51,886
33								
34		KWH Tax Rider:						
35		First 2,000 KWH		69,368	0.00465	\$323		
36		Next 13,000 KWH		443,486	0.00419	\$1,858		
37		Excess of 15,000 KWH		55,945,351	0.00363	\$203,082		
38		Total Charge				\$205,262	55.12%	\$205,262
39								
40		Energy Efficiency and Peak Demand Reduction Cost Recovery Rider						
41		Energy		56,458,206	-	\$0		
42		Demand		189,589	-	\$0		
43		Total Charge				\$0	0.00%	
44								
45		Economic Development Cost Recovery Rider		150,942	2.66085%	\$4,016	1.08%	\$4,016
46								
47		Enhanced Service Reliability Rider		150,942	-0.27829%	-\$420	-0.11%	-\$420
48								
49		gridSMART Rider - Phase 2	69		\$8.66	\$598	0.16%	\$598
50								
51		Smart City Rider	69		\$0.93	\$64	0.02%	\$64
52								
53		Distribution Investment Rider		150,942	-3.27995%	-\$4,951	-1.33%	-\$4,951
54								
55		Tax Savings Credit Rider		56,458,206	(0.0006200)	-\$35,004	-9.40%	-\$35,004
56								
57		Total	69	56,458,206		\$372,393	100.00%	\$372,393

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 1 MOS Actual & 11 MOS Estimated
Type of Filing: ► Original ___ Updated ___ Revised
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Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Current Annualized		% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)
					Most Current Rate (J)	Current Annualized Revenue (K)				
1	GS3	General Service - Transmission								
2										
3	OPCo									
4	Customer Charge		69		\$512.00	\$35,328	8.11%			
5	Demand Charge (per KW)			189,589	\$0.00	\$0	0.00%			
6	Energy Charge (per kWh)			56,938,541	\$0.0000000	\$0	0.00%			
7	Excess Demand Charge (\$ per KVA)			1,531	\$3.82	\$5,848	1.34%			
8	Off Peak Excess Demand Charge			1,681	\$0.00	\$0	0.00%			
9										
10										
11										
12	SUM									
13										
14	Customer Charge		69			\$35,328		\$113,172	320.35%	320.35%
15	Demand Charge (per KW)			189,589		\$0		\$0	0.00%	0.00%
16	Energy Charge (per kWh)			56,938,541		\$0		\$0	0.00%	0.00%
17	Excess Demand Charge (\$ per KVA)			1,531		\$5,848		-\$3,407	-58.25%	-58.25%
18	Off Peak Excess Demand Charge			1,681		\$0		\$0	0.00%	0.00%
19										
20	Total Base Distribution Revenue before Riders					\$41,176				
21										
22	\$12 Cell Phone Charge		0		\$12.00	\$0	0.00%	\$0	0.00%	0.00%
23	\$24 AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	\$0	0.00%	0.00%
24	\$43 Manual Meter Read Charge		0		\$43.00	\$0	0.00%	\$0	0.00%	0.00%
25										
26	RIDERS									
27										
28	Universal Service Fund Rider									
29	First 833,000 kWh			18,074,348	0.0024978	\$45,146				
30	All Excess kWh			38,383,858	0.0001756	\$6,740				
31	Total Charge					\$51,886	11.92%	\$0	0.00%	0.00%
32										
33	KWH Tax Rider:									
34	First 2,000 KWH			69,368	0.00465	\$323				
35	Next 13,000 KWH			443,486	0.00419	\$1,858				
36	Excess of 15,000 KWH			55,945,351	0.00363	\$203,082				
37	Total Charge					\$205,262	47.14%	\$0	0.00%	0.00%
38										
39	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider									
40	Energy			56,458,206	0.0005533	\$31,238				
41	Demand			189,589	0.79	\$149,775				
42	Total Charge					\$181,014	41.57%	-\$181,014	-100.00%	-100.00%
43										
44	Economic Development Cost Recovery Rider			41,176	1.35371%	\$557	0.13%	\$3,459	620.53%	620.53%
45										
46	Enhanced Service Reliability Rider			41,176	3.48287%	\$1,434	0.33%	-\$1,854	-129.29%	-129.29%
47										
48	gridSMART Rider - Phase 2		69		\$8.66	\$598	0.14%	\$0	0.00%	0.00%
49										
50	Smart City Rider		69		\$0.93	\$64	0.01%	\$0	0.00%	0.00%
51										
52	Distribution Investment Rider			41,176	39.11127%	\$16,105	3.70%	-\$21,055	-130.74%	-130.74%
53										
54	Tax Savings Credit Rider			56,458,206	(0.0011100)	-\$62,669	-14.39%	\$27,665	-44.14%	-44.14%
55										
56	Total		69	56,458,206		\$435,428	100.00%	-\$63,035	-14.48%	-14.48%

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Case No. 20-0585-EL-AIR
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Most Current Rates
(Electric and Gas Utilities)

Data: 1 MOS Actual & 11 MOS Estimated
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Witness Responsible: D.M. Roush

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Annualized		% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
					Proposed Rate (E)	Proposed Revenue (F)		
1	GS4	General Service - Primary						
2								
3	OPCo							
4	Customer Charge		42		\$138.50	\$5,817	0.21%	\$5,817
5								
6	Excess Demand Charge (\$ per KVA)			15,952	\$1.21	\$19,302	0.70%	\$19,302
7								
8	Energy Charge (\$ per kWh)							
9	First 4500 kWh			0	\$0.0000000	\$0	0.00%	
10	Over 4500 kWh			224,364,192		\$0	0.00%	
11								
12	Demand Charge (per KW)							
13	First 10 KW			0		\$0	0.00%	
14	Over 10 KW			401,755	\$6.72	\$2,699,794	98.42%	\$2,699,794
15								
16	Off Peak Excess Demand Charge			1,812	\$6.72	\$12,177	0.44%	\$12,177
17								
18								
19								
20	SUM							
21								
22	Customer Charge		42			\$5,817		
23	Excess Demand Charge (\$ per KVA)			15,952		\$19,302		
24	Energy Charge (\$ per kWh)			224,364,192		\$0		
25	Demand Charge (per KW)			401,755		\$2,699,794		
26	Off Peak Excess Demand Charge			1,812		\$12,177		
27								
28	Total Base Distribution Revenue before Riders					2,737,089		
29								
30	Cell Phone Charge		0		\$12.00	\$0	0.00%	
31	AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	
32	Manual Meter Read Charge		0		\$50.00	\$0	0.00%	
33								
34	RIDERS							
35								
36	Universal Service Fund Rider							
37	First 833,000 kWh			37,658,533	0.0024978	\$94,063		
38	All Excess kWh			186,705,659	0.0001756	\$32,786		
39	Total Charge					\$126,849	4.62%	\$126,849
40								
41	KWH Tax Rider:							
42	First 2,000 KWH			6,343	0.00465	\$29		
43	Next 13,000 KWH			41,231	0.00419	\$173		
44	Excess of 15,000 KWH			11,631,847	0.00363	\$42,224		
45	Total Charge					\$42,426	1.55%	\$42,426
46								
47	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider							
48	Energy			224,364,192	-	\$0		
49	Demand			420,758	-	\$0		
50	Total Charge					\$0	0.00%	
51								
52	Economic Development Cost Recovery Rider			2,737,089	2.66085%	\$72,830	2.66%	\$72,830
53								
54	Enhanced Service Reliability Rider			2,737,089	-0.27829%	-\$7,617	-0.28%	-\$7,617
55								
56	gridSMART Rider - Phase 2		42		\$8.66	\$364	0.01%	\$364
57								
58	Smart City Rider		42		\$0.93	\$39	0.00%	\$39
59								
60	Distribution Investment Rider			2,737,089	-3.27995%	-\$89,775	-3.27%	-\$89,775
61								
62	Tax Savings Credit Rider			224,364,192	(0.0006200)	-\$139,106	-5.07%	-\$139,106
63								
64	Total		42	224,364,192		\$2,743,098	100.00%	\$2,743,098

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
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Most Current Rates
(Electric and Gas Utilities)

Data: 1 MOS Actual & 11 MOS Estimated
Type of Filing: ► Original ___ Updated ___ Revised
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Witness Responsible: D.M. Roush

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Current Annualized		Most Current Rate (J)	Current Annualized Revenue (K)	% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)
				Sales KW / KWH (D)							
1	GS4	General Service - Primary									
2											
3	OPCo										
4	Customer Charge		42			\$95.47	\$4,010	0.15%			
5	Excess Reactive Charge (\$ per KVAR)			24,813		\$0.48	\$11,910	0.44%			
6	Energy Charge (\$ per kWh)			224,364,192		\$0.0000000	\$0	0.00%			
7	Demand Charge (per KW)			420,758		\$3.76	\$1,582,050	58.98%			
8	Off Peak Excess Demand Charge			950		\$3.76	\$3,572	0.13%			
9											
10											
11											
12	SUM										
13											
14	Customer Charge		42				\$4,010		\$1,807	45.07%	45.07%
15	Excess Demand Charge (\$ per KVA)			24,813			\$11,910		\$7,392	62.06%	62.06%
16	Energy Charge (\$ per kWh)			224,364,192			\$0		\$0	0.00%	0.00%
17	Demand Charge (per KW)			420,758			\$1,582,050		\$1,117,744	70.65%	70.65%
18	Off Peak Excess Demand Charge			950			\$3,572		\$8,605	240.89%	240.89%
19											
20	Total Base Distribution Revenue before Riders						\$1,601,542				
21											
22	\$12 Cell Phone Charge		0			\$12.00	\$0	0.00%	\$0	0.00%	0.00%
23	\$24 AMI Opt-Out Charge		0			\$24.00	\$0	0.00%	\$0	0.00%	0.00%
24	\$43 Manual Meter Read Charge		0			\$43.00	\$0	0.00%	\$0	0.00%	0.00%
25											
26	RIDERS										
27											
28	Universal Service Fund Rider										
29	First 833,000 kWh			37,658,533		0.0024978	\$94,063				
30	All Excess kWh			186,705,659		0.0001756	\$32,786				
31	Total Charge						\$126,849	4.73%	\$0	0.00%	0.00%
32											
33	KWH Tax Rider:										
34	First 2,000 KWH			6,343		0.00465	\$29				
35	Next 13,000 KWH			41,231		0.00419	\$173				
36	Excess of 15,000 KWH			11,631,847		0.00363	\$42,224				
37	Total Charge						\$42,426	1.58%	\$0	0.00%	0.00%
38											
39	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider										
40	Energy			224,364,192		0.0005533	\$124,141				
41	Demand			420,758		0.79	\$332,399				
42	Total Charge						\$456,540	17.02%	-\$456,540	-100.00%	-100.00%
43											
44	Economic Development Cost Recovery Rider			1,601,542		1.35371%	\$21,680	0.81%	\$51,149	235.93%	235.93%
45											
46	Enhanced Service Reliability Rider			1,601,542		3.48287%	\$55,780	2.08%	-\$63,397	-113.66%	-113.66%
47											
48	gridSMART Rider - Phase 2		42			\$8.66	\$364	0.01%	\$0	0.00%	0.00%
49											
50	Smart City Rider		42			\$0.93	\$39	0.00%	\$0	0.00%	0.00%
51											
52	Distribution Investment Rider			1,601,542		39.11127%	\$626,383	23.35%	-\$716,159	-114.33%	-114.33%
53											
54	Tax Savings Credit Rider			224,364,192		(0.0011100)	-\$249,044	-9.28%	\$109,938	-44.14%	-44.14%
55											
56	Total		42	224,364,192			\$2,682,558	100.00%	\$60,540	2.26%	2.26%

OHIO POWER COMPANY
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Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Annualized		% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
					Proposed Rate (E)	Proposed Revenue (F)		
1	GS4	General Service - Subtrans						
2								
3	OPCo							
4	Customer Charge		0		\$825.00	\$0	0.00%	
5	Customer Charge		388		\$3,600.00	\$1,396,800	36.44%	\$1,396,800
6	Excess Reactive Charge (\$ per KVAR)			505,257	\$0.70	\$353,680	9.23%	\$353,680
7	Energy Charge (\$ per kWh)			3,079,505,757	\$0.0000000	\$0	0.00%	
8	Demand Charge (per KW)			776,000	\$0.00	\$0	0.00%	
9	Off Peak Excess Demand Charge			87,969	\$0.00	\$0	0.00%	
10								
11								
12								
13	SUM							
14								
15	Customer Charge		388			\$1,396,800		
16	Excess Demand Charge (\$ per KVA)			505,257		\$353,680		
17	Energy Charge (\$ per kWh)			3,079,505,757		\$0		
18	Demand Charge (per KW)			776,000		\$0		
19	Off Peak Excess Demand Charge			87,969		\$0		
20								
21	Total Base Distribution Revenue before Riders					1,750,480		
22								
23	Cell Phone Charge		12		\$12.00	\$144	0.00%	\$144
24	AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	
25	Manual Meter Read Charge		0		\$50.00	\$0	0.00%	
26								
27	RIDERS							
28								
29	Universal Service Fund Rider							
30	First 833,000 kWh			330,604,335	0.0024978	\$825,784		
31	All Excess kWh			2,745,192,770	0.0001756	\$482,056		
32	Total Charge					\$1,307,839	34.12%	\$1,307,839
33								
34	KWH Tax Rider:							
35	First 2,000 KWH			326,265	0.00465	\$1,517		
36	Next 13,000 KWH			2,120,722	0.00419	\$8,886		
37	Excess of 15,000 KWH			739,106,797	0.00363	\$2,682,958		
38	Total Charge					\$2,693,361	70.27%	\$2,693,361
39								
40	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider							
41	Energy			2,049,373,880	-	\$0		
42	Demand			3,947,428	-	\$0		
43	Total Charge					\$0	0.00%	
44								
45	Economic Development Cost Recovery Rider			1,750,480	2.66085%	\$46,578	1.22%	\$46,578
46								
47	Enhanced Service Reliability Rider			1,750,480	-0.27829%	-\$4,871	-0.13%	-\$4,871
48								
49	gridSMART Rider - Phase 2		388		\$8.66	\$3,360	0.09%	\$3,360
50								
51	Smart City Rider		388		\$0.93	\$361	0.01%	\$361
52								
53	Distribution Investment Rider			1,750,480	-3.27995%	-\$57,415	-1.50%	-\$57,415
54								
55	Tax Savings Credit Rider			3,075,797,105	(0.0006200)	-\$1,906,994	-49.75%	-\$1,906,994
56								
57	Total		388	3,075,797,105		\$3,832,842	100.00%	\$3,832,842

OHIO POWER COMPANY
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Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Current Annualized		% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)
					Most Current Rate (J)	Current Annualized Revenue (K)				
1	GS4	General Service - Subtrans								
2										
3	OPCo									
4	Customer Charge		388		\$512.00	\$198,656	3.63%			
5	Excess Reactive Charge (\$ per KVAR)			505,257	\$0.48	\$242,523	4.43%			
6	Energy Charge (\$ per kWh)			3,079,505,757	\$0.0000000	\$0	0.00%			
7	Demand Charge (per KW)			7,485,453	\$0.00	\$0	0.00%			
8	Off Peak Excess Demand Charge			87,969	\$0.00	\$0	0.00%			
9										
10										
11										
12	SUM									
13										
14	Customer Charge		388			\$198,656		\$1,198,144	603.13%	603.13%
15	Excess Demand Charge (\$ per KVA)			505,257		\$242,523		\$111,157	45.83%	45.83%
16	Energy Charge (\$ per kWh)			3,079,505,757		\$0		\$0	0.00%	0.00%
17	Demand Charge (per KW)			7,485,453		\$0		\$0	0.00%	0.00%
18	Off Peak Excess Demand Charge			87,969		\$0		\$0	0.00%	0.00%
19										
20	Total Base Distribution Revenue before Riders					\$441,179				
21										
22	\$12 Cell Phone Charge		12		\$12.00	\$144	0.00%	\$0	0.00%	0.00%
23	\$24 AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	\$0	0.00%	0.00%
24	\$43 Manual Meter Read Charge		0		\$43.00	\$0	0.00%	\$0	0.00%	0.00%
25										
26	RIDERS									
27										
28	Universal Service Fund Rider									
29	First 833,000 kWh			330,604,335	0.0024978	\$825,784				
30	All Excess kWh			2,745,192,770	0.0001756	\$482,056				
31	Total Charge					\$1,307,839	23.87%	\$0	0.00%	0.00%
32										
33	KWH Tax Rider:									
34	First 2,000 KWH			326,265	0.00465	\$1,517				
35	Next 13,000 KWH			2,120,722	0.00419	\$8,886				
36	Excess of 15,000 KWH			739,106,797	0.00363	\$2,682,958				
37	Total Charge					\$2,693,361	49.16%	\$0	0.00%	0.00%
38										
39	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider									
40	Energy			2,049,373,880	0.0005533	\$1,133,919				
41	Demand			3,947,428	0.79	\$3,118,468				
42	Total Charge					\$4,252,387	77.62%	-\$4,252,387	-100.00%	-100.00%
43										
44	Economic Development Cost Recovery Rider			441,179	1.35371%	\$5,972	0.11%	\$40,605	679.89%	679.89%
45										
46	Enhanced Service Reliability Rider			441,179	3.48287%	\$15,366	0.28%	-\$20,237	-131.70%	-131.70%
47										
48	gridSMART Rider - Phase 2		388		\$8.66	\$3,360	0.06%	\$0	0.00%	0.00%
49										
50	Smart City Rider		388		\$0.93	\$361	0.01%	\$0	0.00%	0.00%
51										
52	Distribution Investment Rider			441,179	39.11127%	\$172,551	3.15%	-\$229,966	-133.27%	-133.27%
53										
54	Tax Savings Credit Rider			3,075,797,105	(0.0011100)	-\$3,414,135	-62.32%	\$1,507,141	-44.14%	-44.14%
55										
56	Total		388	3,075,797,105		\$5,478,385	100.00%	-\$1,645,543	-30.04%	-30.04%

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 1 MOS Actual & 11 MOS Estimated
Type of Filing: ☒ Original ☐ Updated ☐ Revised
Work Paper Reference No(s): WPE-4.1a through WPE-4.1n

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Witness Responsible: D.M. Roush

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Annualized		% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
					Proposed Rate (E)	Proposed Revenue (F)		
1	GS4	General Service - Transmission						
2								
3	OPCo							
4		Customer Charge	0		\$825.00	\$0	0.00%	
5		Customer Charge	145		\$3,600.00	\$522,000	11.33%	\$522,000
6		Excess Reactive Charge (\$ per KVAR)		63,697	\$0.70	\$44,588	0.97%	\$44,588
7		Energy Charge (\$ per kWh)		3,788,998,798	\$0.0000000	\$0	0.00%	
8		Demand Charge (per KW)		290,000	\$0.00	\$0	0.00%	
9		Off Peak Excess Demand Charge		231,808	\$0.00	\$0	0.00%	
10								
11	CSP							
12		Customer Charge	86		\$825.00	\$70,950	1.54%	\$70,950
13		Customer Charge	388		\$3,600.00	\$1,396,800	30.33%	\$1,396,800
14		Excess Reactive Charge (\$ per KVAR)		249,223	\$0.70	\$174,456	3.79%	\$174,456
15		Energy Charge (\$ per kWh)		2,821,198,166	\$0.0000000	\$0	0.00%	
16		Demand Charge (per KW)		892,139	\$0.00	\$0	0.00%	
17		Off Peak Excess Demand Charge		0	\$0.000	\$0	0.00%	
18								
19	SUM							
20								
21								
22		Customer Charge	619			\$1,989,750		
23		Excess Demand Charge (\$ per KVA)		312,920		\$219,044		
24		Energy Charge (\$ per kWh)		6,610,196,964		\$0		
25		Demand Charge (per KW)		1,182,139		\$0		
26		Off Peak Excess Demand Charge		231,808		\$0		
27								
28		Total Base Distribution Revenue before Riders				2,208,794		
29								
30		Cell Phone Charge	24		\$12.00	\$288	0.01%	\$288
31		AMI Opt-Out Charge	0		\$24.00	\$0	0.00%	
32		Manual Meter Read Charge	0		\$50.00	\$0	0.00%	
33								
34	RIDERS							
35								
36		Universal Service Fund Rider						
37		First 833,000 kWh		466,956,095	0.0024978	\$1,166,363		
38		All Excess kWh		6,131,013,384	0.0001756	\$1,076,606		
39		Total Charge				\$2,242,969	48.70%	\$2,242,969
40								
41		KWH Tax Rider:						
42		First 2,000 KWH		2,146,239	0.00465	\$9,980		
43		Next 13,000 KWH		4,682,202	0.00419	\$19,618		
44		Excess of 15,000 KWH		1,164,893,228	0.00363	\$4,228,562		
45		Total Charge				\$4,258,161	92.46%	\$4,258,161
46								
47		Energy Efficiency and Peak Demand Reduction Cost Recovery Rider						
48		Energy		2,884,173,788	-	\$0		
49		Demand		6,171,764	-	\$0		
50		Total Charge				\$0	0.00%	
51								
52		Economic Development Cost Recovery Rider		2,208,794	2.66085%	\$58,773	1.28%	\$58,773
53								
54		Enhanced Service Reliability Rider		2,208,794	-0.27829%	-\$6,147	-0.13%	-\$6,147
55								
56		gridSMART Rider - Phase 2	619		\$8.66	\$5,361	0.12%	\$5,361
57								
58		Smart City Rider	619		\$0.93	\$576	0.01%	\$576
59								
60		Distribution Investment Rider		2,208,794	-3.27995%	-\$72,447	-1.57%	-\$72,447
61								
62		Tax Savings Credit Rider		6,597,969,479	(0.0006200)	-\$4,090,741	-88.82%	-\$4,090,741
63								
64		Total	619	6,597,969,479		\$4,605,585	100.00%	\$4,605,585

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
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Most Current Rates
(Electric and Gas Utilities)

Data: 1 MOS Actual & 11 MOS Estimated
Type of Filing: ► Original ___ Updated ___ Revised
Work Paper Reference No(s): WPE-4.1a through WPE-4.1n

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Witness Responsible: D.M. Roush

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Current Annualized		% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)
					Most Current Rate (J)	Current Annualized Revenue (K)				
1	GS4	General Service - Transmission								
2										
3	OPCo									
4	Customer Charge		145		\$512.00	\$74,240	1.11%			
5	Excess Reactive Charge (\$ per KVAR)			63,697	\$0.48	\$30,575	0.46%			
6	Energy Charge (\$ per kWh)			3,788,998,798	\$0.0000000	\$0	0.00%			
7	Demand Charge (per KW)			7,648,811	\$0.00	\$0	0.00%			
8	Off Peak Excess Demand Charge			231,808	\$0.00	\$0	0.00%			
9										
10	CSP									
11	Customer Charge		474		\$1,060.00	\$502,440	7.50%			
12	Excess Reactive Charge (\$ per KVAR)			249,223	\$0.48	\$119,627	1.79%			
13	Energy Charge (\$ per kWh)			2,821,198,166	\$0.0000000	\$0	0.00%			
14	Demand Charge (per KW)			5,867,193	\$0.000	\$0	0.00%			
15										
16										
17	SUM									
18										
19	Customer Charge		619			\$576,680		\$1,413,070	245.04%	245.04%
20	Excess Demand Charge (\$ per KVA)			312,920		\$150,202		\$68,842	45.83%	45.83%
21	Energy Charge (\$ per kWh)			6,610,196,964		\$0		\$0	0.00%	0.00%
22	Demand Charge (per KW)			13,516,004		\$0		\$0	0.00%	0.00%
23	Off Peak Excess Demand Charge			231,808		\$0		\$0	0.00%	0.00%
24										
25	Total Base Distribution Revenue before Riders					726,882				
26										
27	\$12 Cell Phone Charge		24		\$12.00	\$288	0.00%	\$0	0.00%	0.00%
28	\$24 AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	\$0	0.00%	0.00%
29	\$43 Manual Meter Read Charge		0		\$43.00	\$0	0.00%	\$0	0.00%	0.00%
30										
31	RIDERS									
32										
33	Universal Service Fund Rider									
34	First 833,000 kWh			466,956,095	0.0024978	\$1,166,363				
35	All Excess kWh			6,131,013,384	0.0001756	\$1,076,606				
36	Total Charge					\$2,242,969	33.47%	\$0	0.00%	0.00%
37										
38	KWH Tax Rider:									
39	First 2,000 KWH			2,146,239	0.00465	\$9,980				
40	Next 13,000 KWH			4,682,202	0.00419	\$19,618				
41	Excess of 15,000 KWH			1,164,893,228	0.00363	\$4,228,562				
42	Total Charge					\$4,258,161	63.54%	\$0	0.00%	0.00%
43										
44	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider									
45	Energy			2,884,173,788	0.0005533	\$1,595,813				
46	Demand			6,171,764	0.79	\$4,875,694				
47	Total Charge					\$6,471,507	96.57%	-\$6,471,507	-100.00%	-100.00%
48										
49	Economic Development Cost Recovery Rider			726,882	1.35371%	\$9,840	0.15%	\$48,933	497.29%	497.29%
50										
51	Enhanced Service Reliability Rider			726,882	3.48287%	\$25,316	0.38%	-\$31,463	-124.28%	-124.28%
52										
53	gridSMART Rider - Phase 2		619		\$8.66	\$5,361	0.08%	\$0	0.00%	0.00%
54										
55	Smart City Rider		619		\$0.93	\$576	0.01%	\$0	0.00%	0.00%
56										
57	Distribution Investment Rider			726,882	39.11127%	\$284,293	4.24%	-\$356,740	-125.48%	-125.48%
58										
59	Tax Savings Credit Rider			6,597,969,479	(0.0011100)	-\$7,323,746	-109.29%	\$3,233,005	-44.14%	-44.14%
60										
61	Total		619	6,597,969,479		\$6,701,445	100.00%	-\$2,095,860	-31.27%	-31.27%

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
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Most Current Rates
(Electric and Gas Utilities)

Data: 1 MOS Actual & 11 MOS Estimated

Type of Filing: ► Original ___ Updated ___ Revised

Work Paper Reference No(s): WPE-4.1a through WPE-4.1n

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Witness Responsible: D.M. Roush

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Annualized		% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
					Proposed Rate (E)	Proposed Revenue (F)		
1	EHG	Electric Heating General						
2								
3	Customer Charge		4,315		\$9.40	\$40,561	8.86%	\$40,561
4	Energy Charge (\$ per kWh)			14,189,396	\$0.0138142	\$196,015	42.83%	\$196,015
5	Demand Charge - All kW >30 (per KW)			13,627	\$7.01	\$95,525	20.87%	\$95,525
6								
7	Total Base Distribution Revenue before Riders					332,101		
8								
9	Cell Phone Charge		0		\$12.00	\$0	0.00%	
10	AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	
11	Manual Meter Read Charge		0		\$50.00	\$0	0.00%	
12								
13	RIDERS							
14								
15	Universal Service Fund Rider							
16	First 833,000 kWh			14,189,396	0.0024978	\$35,442		
17	All Excess kWh			0	0.0001756	\$0		
18	Total Charge					\$35,442	7.74%	\$35,442
19								
20	KWH Tax Rider:							
21	First 2,000 KWH			5,987,083	0.00465	\$27,840		
22	Next 13,000 KWH			7,434,694	0.00419	\$31,151		
23	Excess of 15,000 KWH			416,445	0.00363	\$1,512		
24	Total Charge					\$60,503	13.22%	\$60,503
25								
26	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider							
27	Energy			14,189,396	-	\$0		
28	Demand			75,397	-	\$0		
29	Total Charge					\$0	0.00%	
30								
31	Economic Development Cost Recovery Rider			332,101	2.66085%	\$8,837	1.93%	\$8,837
32								
33	Enhanced Service Reliability Rider			332,101	-0.27829%	-\$924	-0.20%	-\$924
34								
35	gridSMART Rider - Phase 2		4,315		\$8.66	\$37,368	8.17%	\$37,368
36								
37	Smart City Rider		4,315		\$0.93	\$4,013	0.88%	\$4,013
38								
39	Distribution Investment Rider			332,101	-3.27995%	-\$10,893	-2.38%	-\$10,893
40								
41	Tax Savings Credit Rider			14,189,396	(0.0006200)	-\$8,797	-1.92%	-\$8,797
42								
43	Total		4,315	14,189,396		\$457,650	100.00%	\$457,650

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 1 MOS Actual & 11 MOS Estimated
Type of Filing: ►Original___Updated___Revised
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Witness Responsible: D.M. Roush

Line No.	Rate Code (A)	Class/ Descript. (B)	Current Annualized				% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)
			Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized Revenue (K)				
1	EHG	Electric Heating General								
2										
3	Customer Charge		4,315		\$21.96	\$94,757	15.29%	-\$54,196	-57.19%	-57.19%
4	Energy Charge (\$ per kWh)			14,189,396	\$0.0132863	\$188,525	30.41%	\$7,491	3.97%	3.97%
5	Demand Charge - All kW >30 (per KW)			13,627	\$1.18	\$16,080	2.59%	\$79,445	494.07%	494.07%
6										
7	Total Base Distribution Revenue before Riders					\$299,362				
8										
9	\$12 Cell Phone Charge		0		\$12.00	\$0	0.00%	\$0	0.00%	0.00%
10	\$24 AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	\$0	0.00%	0.00%
11	\$43 Manual Meter Read Charge		0		\$43.00	\$0	0.00%	\$0	0.00%	0.00%
12										
13	RIDERS									
14										
15	Universal Service Fund Rider									
16	First 833,000 kWh			14,189,396	0.0024978	\$35,442				
17	All Excess kWh			0	0.0001756	\$0				
18	Total Charge					\$35,442	5.72%	\$0	0.00%	0.00%
19										
20	KWH Tax Rider:									
21	First 2,000 KWH			5,987,083	0.00465	\$27,840				
22	Next 13,000 KWH			7,434,694	0.00419	\$31,151				
23	Excess of 15,000 KWH			416,445	0.00363	\$1,512				
24	Total Charge					\$60,503	9.76%	\$0	0.00%	0.00%
25										
26	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider									
27	Energy			14,189,396	0.0005533	\$7,851				
28	Demand			75,397	0.79	\$59,564				
29	Total Charge					\$67,415	10.87%	-\$67,415	-100.00%	-100.00%
30										
31	Economic Development Cost Recovery Rider			299,362	1.35371%	\$4,052	0.65%	\$4,784	118.06%	118.06%
32										
33	Enhanced Service Reliability Rider			299,362	3.48287%	\$10,426	1.68%	-\$11,351	-108.86%	-108.86%
34										
35	gridSMART Rider - Phase 2		4,315		\$8.66	\$37,368	6.03%	\$0	0.00%	0.00%
36										
37	Smart City Rider		4,315		\$0.93	\$4,013	0.65%	\$0	0.00%	0.00%
38										
39	Distribution Investment Rider			299,362	39.11127%	\$117,084	18.89%	-\$127,977	-109.30%	-109.30%
40										
41	Tax Savings Credit Rider			14,189,396	(0.0011100)	-\$15,750	-2.54%	\$6,953	-44.14%	-44.14%
42										
43	Total		4,315	14,189,396		\$619,915	100.00%	-\$162,266	-26.18%	-26.18%

OHIO POWER COMPANY
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Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Annualized		% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
					Proposed Rate (E)	Proposed Revenue (F)		
1	EHS	Electric Heating Schools						
2								
3	Customer Charge:		12		\$9.40	\$113	1.50%	\$113
4	Minimum Charge		0			\$0	0.00%	
5	Energy Charge			427,640	\$0.0100000	\$4,276	56.76%	\$4,276
6								
7	Total Base Distribution Revenue before Riders					4,389		
8								
9	Cell Phone Charge		0		\$12.00	\$0	0.00%	
10	AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	
11	Manual Meter Read Charge		12		\$50.00	\$600	7.96%	\$600
12								
13	RIDERS							
14								
15	Universal Service Fund Rider							
16	First 833,000 kWh			427,640	0.0024978	\$1,068		
17	All Excess kWh			0	0.0001756	\$0		
18	Total Charge					\$1,068	14.18%	\$1,068
19								
20	KWH Tax Rider:							
21	First 2,000 KWH			24,325	0.00465	\$113		
22	Next 13,000 KWH			158,109	0.00419	\$662		
23	Excess of 15,000 KWH			245,206	0.00363	\$890		
24	Total Charge					\$1,666	22.11%	\$1,666
25								
26	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider			427,640	-	\$0	0.00%	
27	12				-	\$0	0.00%	
28								
29	Economic Development Cost Recovery Rider			4,389	2.66085%	\$117	1.55%	\$117
30								
31	Enhanced Service Reliability Rider			4,389	-0.27829%	-\$12	-0.16%	-\$12
32								
33	gridSMART Rider - Phase 2		12		\$8.66	\$104	1.38%	\$104
34								
35	Smart City Rider		12		\$0.93	\$11	0.15%	\$11
36								
37	Distribution Investment Rider			4,389	-3.27995%	-\$144	-1.91%	-\$144
38								
39	Tax Savings Credit Rider			427,640	(0.0006200)	-\$265	-3.52%	-\$265
40								
41	Total		12	427,640		\$7,534	100.00%	\$7,534

OHIO POWER COMPANY
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Witness Responsible: D.M. Roush

Line No.	Rate Code (A)	Class/ Descript. (B)	Current Annualized				% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)
			Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized Revenue (K)				
1	EHS	Electric Heating Schools								
2										
3	Customer Charge:		12					\$113	not mngful	not mngful
4	Minimum Charge		0		\$12.22	\$0	0.00%	\$0	0.00%	0.00%
5	Energy Charge			427,640	\$0.0021744	\$930	20.66%	\$3,347	359.90%	359.90%
6										
7	Total Base Distribution Revenue before Riders					\$930				
8										
9	\$12 Cell Phone Charge		0		\$12.00	\$0	0.00%	\$0	0.00%	0.00%
10	\$24 AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	\$0	0.00%	0.00%
11	\$43 Manual Meter Read Charge		12		\$43.00	\$516	11.46%	\$84	16.28%	16.28%
12										
13	RIDERS									
14										
15	Universal Service Fund Rider									
16	First 833,000 kWh			427,640	0.0024978	\$1,068				
17	All Excess kWh			0	0.0001756	\$0				
18	Total Charge					\$1,068	23.73%	\$0	0.00%	0.00%
19										
20	KWH Tax Rider:									
21	First 2,000 KWH			24,325	0.00465	\$113				
22	Next 13,000 KWH			158,109	0.00419	\$662				
23	Excess of 15,000 KWH			245,206	0.00363	\$890				
24	Total Charge					\$1,666	37.01%	\$0	0.00%	0.00%
25										
26	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider			427,640	0.0005533	\$237	5.26%	-\$237	-100.00%	-100.00%
27			12		2.97	\$36	0.79%	-\$36	-100.00%	-100.00%
28										
29	Economic Development Cost Recovery Rider			930	1.35371%	\$13	0.28%	\$104	827.82%	827.82%
30										
31	Enhanced Service Reliability Rider			930	3.48287%	\$32	0.72%	-\$45	-137.72%	-137.72%
32										
33	gridSMART Rider - Phase 2		12		\$8.66	\$104	2.31%	\$0	0.00%	0.00%
34										
35	Smart City Rider		12		\$0.93	\$11	0.25%	\$0	0.00%	0.00%
36										
37	Distribution Investment Rider			930	39.11127%	\$364	8.08%	-\$508	-139.59%	-139.59%
38										
39	Tax Savings Credit Rider			427,640	(0.0011100)	-\$475	-10.55%	\$210	-44.14%	-44.14%
40										
41	Total		12	427,640		\$4,501	100.00%	\$3,033	67.38%	67.38%

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 1 MOS Actual & 11 MOS Estimated

Type of Filing: ► Original ___ Updated ___ Revised

Work Paper Reference No(s): WPE-4.1a through WPE-4.1n

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Witness Responsible: D.M. Roush

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Annualized		% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
					Proposed Rate (E)	Proposed Revenue (F)		
1	SS	School Service						
2								
3	Customer Charge:		1,428		\$9.40	\$13,423	1.75%	\$13,423
4	Energy Charge			28,246,818	\$0.0205802	\$581,325	75.63%	\$581,325
5								
6	Total Base Distribution Revenue before Riders					594,748		
7								
8	Cell Phone Charge		36		\$12.00	\$432	0.06%	\$432
9	AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	\$0
10	Manual Meter Read Charge		12		\$50.00	\$600	0.08%	\$600
11								
12	RIDERS							
13								
14	Universal Service Fund Rider							
15	First 833,000 kWh			28,246,818	0.0024978	\$70,555		
16	All Excess kWh			0	0.0001756	\$0		
17	Total Charge					\$70,555	9.18%	\$70,555
18								
19	KWH Tax Rider:							
20	First 2,000 KWH			2,609,756	0.00465	\$12,135		
21	Next 13,000 KWH			11,235,458	0.00419	\$47,077		
22	Excess of 15,000 KWH			14,401,604	0.00363	\$52,278		
23	Total Charge					\$111,490	14.50%	\$111,490
24								
25	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider			28,246,818	-	\$0	0.00%	
26			1,428		-	\$0	0.00%	
27								
28	Economic Development Cost Recovery Rider			594,748	2.66085%	\$15,825	2.06%	\$15,825
29								
30	Enhanced Service Reliability Rider			594,748	-0.27829%	-\$1,655	-0.22%	-\$1,655
31								
32	gridSMART Rider - Phase 2		1,428		\$8.66	\$12,366	1.61%	\$12,366
33								
34	Smart City Rider		1,428		\$0.93	\$1,328	0.17%	\$1,328
35								
36	Distribution Investment Rider			594,748	-3.27995%	-\$19,507	-2.54%	-\$19,507
37								
38	Tax Savings Credit Rider			28,246,818	(0.0006200)	-\$17,513	-2.28%	-\$17,513
39								
40	Total		1,428	28,246,818		\$768,669	100.00%	\$768,669

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

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Line No.	Rate Code (A)	Class/ Descript. (B)	Current Annualized				% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)
			Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized Revenue (K)				
1	SS	School Service								
2										
3	Customer Charge:		1,428		\$31.84	\$45,468	6.00%	-\$32,044	-70.48%	-70.48%
4	Energy Charge			28,246,818	\$0.0124738	\$352,345	46.49%	\$228,980	64.99%	64.99%
5										
6	Total Base Distribution Revenue before Riders					\$397,813				
7										
8	\$12 Cell Phone Charge		36		\$12.00	\$432	0.06%	\$0	0.00%	0.00%
9	\$24 AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	\$0	0.00%	0.00%
10	\$43 Manual Meter Read Charge		12		\$43.00	\$516	0.07%	\$84	16.28%	16.28%
11										
12	RIDERS									
13										
14	Universal Service Fund Rider									
15	First 833,000 kWh			28,246,818	0.0024978	\$70,555				
16	All Excess kWh			0	0.0001756	\$0				
17	Total Charge					\$70,555	9.31%	\$0	0.00%	0.00%
18										
19	KWH Tax Rider:									
20	First 2,000 KWH			2,609,756	0.00465	\$12,135				
21	Next 13,000 KWH			11,235,458	0.00419	\$47,077				
22	Excess of 15,000 KWH			14,401,604	0.00363	\$52,278				
23	Total Charge					\$111,490	14.71%	\$0	0.00%	0.00%
24										
25	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider			28,246,818	0.0005533	\$15,629	2.06%	-\$15,629	-100.00%	-100.00%
26			1,428		2.97	\$4,241	0.56%	-\$4,241	-100.00%	-100.00%
27										
28	Economic Development Cost Recovery Rider			397,813	1.35371%	\$5,385	0.71%	\$10,440	193.87%	193.87%
29										
30	Enhanced Service Reliability Rider			397,813	3.48287%	\$13,855	1.83%	-\$15,510	-111.95%	-111.95%
31										
32	gridSMART Rider - Phase 2		1,428		\$8.66	\$12,366	1.63%	\$0	0.00%	0.00%
33										
34	Smart City Rider		1,428		\$0.93	\$1,328	0.18%	\$0	0.00%	0.00%
35										
36	Distribution Investment Rider			397,813	39.11127%	\$155,590	20.53%	-\$175,097	-112.54%	-112.54%
37										
38	Tax Savings Credit Rider			28,246,818	(0.0011100)	-\$31,354	-4.14%	\$13,841	-44.14%	-44.14%
39										
40	Total		1,428	28,246,818		\$757,846	100.00%	\$10,823	1.43%	1.43%

OHIO POWER COMPANY
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Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Annualized		% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
					Proposed Rate (E)	Proposed Revenue (F)		
1	FL PUMP-Q	Flood Pumps						
2								
3	OPCo							
4	Customer Charge		298		\$5.65	\$1,684	7.33%	\$1,684
5	Energy Charge			724,360	\$0.0205802	\$14,907	64.94%	\$14,907
6								
7	Prompt Payment Discount			724,360	(\$0.001000)	-\$724	-3.16%	-\$724
8								
9								
10	SUM							
11								
12	Customer Charge:		298			1,684		
13	Energy Charge			724,360		14,183		
14								
15	Total Base Distribution Revenue before Riders					15,867		
16								
17	Cell Phone Charge		0		\$12.00	\$0	0.00%	
18	AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	
19	Manual Meter Read Charge		0		\$50.00	\$0	0.00%	
20								
21	RIDERS							
22								
23	Universal Service Fund Rider							
24	First 833,000 kWh			724,360	0.0024978	\$1,809		
25	All Excess kWh			0	0.0001756	\$0		
26	Total Charge					\$1,809	7.88%	\$1,809
27								
28	KWH Tax Rider:							
29	First 2,000 KWH			340,791	0.00465	\$1,585		
30	Next 13,000 KWH			311,204	0.00419	\$1,304		
31	Excess of 15,000 KWH			13,004	0.00363	\$47		
32	Total Charge					\$2,936	12.79%	\$2,936
33								
34	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider			724,360	-	\$0	0.00%	
35			298		-	\$0	0.00%	
36								
37	Economic Development Cost Recovery Rider			15,867	2.66085%	\$422	1.84%	\$422
38								
39	Enhanced Service Reliability Rider			15,867	-0.27829%	-\$44	-0.19%	-\$44
40								
41	gridSMART Rider - Phase 2		298		\$8.66	\$2,581	11.24%	\$2,581
42								
43	Smart City Rider		298		\$0.93	\$277	1.21%	\$277
44								
45	Pilot Throughput Balancing Adjustment Rider							
46	CSP Rate Zone				0.0006685	\$0		
47	OP Rate Zone			724,360	0.0001055	\$76		
48	Total Charge					\$76	0.33%	\$76
49								
50	Distribution Investment Rider			15,867	-3.27995%	-\$520	-2.27%	-\$520
51								
52	Tax Savings Credit Rider			724,360	(0.0006200)	-\$449	-1.96%	-\$449
53								
54	Total		298	724,360		\$22,955	100.00%	\$22,955

OHIO POWER COMPANY
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Line No.	Rate Code (A)	Class/ Descript. (B)	Current Annualized				% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)
			Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized Revenue (K)				
1	FL PUMP-Q	Flood Pumps								
2										
3	OPCo									
4	Customer Charge		298		\$4.30	\$1,281	4.92%	\$402	31.40%	31.40%
5	Energy Charge			724,360	\$0.0163690	\$11,857	45.55%	\$3,050	25.73%	25.73%
6										
7	Prompt Payment Discount			724,360	(\$0.001000)	-\$724	-2.78%	\$0	0.00%	0.00%
8										
9										
10	SUM									
11										
12	Customer Charge:		298			\$1,281				
13	Energy Charge			724,360		\$11,133				
14										
15	Total Base Distribution Revenue before Riders					\$12,414				
16										
17	\$12 Cell Phone Charge		0		\$12.00	\$0	0.00%	\$0	0.00%	0.00%
18	\$24 AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	\$0	0.00%	0.00%
19	\$43 Manual Meter Read Charge		0		\$43.00	\$0	0.00%	\$0	0.00%	0.00%
20										
21	RIDERS									
22										
23	Universal Service Fund Rider									
24	First 833,000 kWh			724,360	0.0024978	\$1,809				
25	All Excess kWh			0	0.0001756	\$0				
26	Total Charge					\$1,809	6.95%	\$0	0.00%	0.00%
27										
28	KWH Tax Rider:									
29	First 2,000 KWH			340,791	0.00465	\$1,585				
30	Next 13,000 KWH			311,204	0.00419	\$1,304				
31	Excess of 15,000 KWH			13,004	0.00363	\$47				
32	Total Charge					\$2,936	11.28%	\$0	0.00%	0.00%
33										
34	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider			724,360	0.0005533	\$401	1.54%	-\$401	-100.00%	-100.00%
35		298			2.97	\$885	3.40%	-\$885	-100.00%	-100.00%
36										
37	Economic Development Cost Recovery Rider			12,414	1.35371%	\$168	0.65%	\$254	151.23%	151.23%
38										
39	Enhanced Service Reliability Rider			12,414	3.48287%	\$432	1.66%	-\$477	-110.21%	-110.21%
40										
41	gridSMART Rider - Phase 2		298		\$8.66	\$2,581	9.91%	\$0	0.00%	0.00%
42										
43	Smart City Rider		298		\$0.93	\$277	1.06%	\$0	0.00%	0.00%
44										
45	Pilot Throughput Balancing Adjustment Rider									
46	CSP Rate Zone				0.0006685	\$0				
47	OP Rate Zone			724,360	0.0001055	\$76				
48	Total Charge					\$76	0.29%	\$0	0.00%	0.00%
49										
50	Distribution Investment Rider			12,414	39.11127%	\$4,855	18.65%	-\$5,376	-110.72%	-110.72%
51										
52	Tax Savings Credit Rider			724,360	(0.0011100)	-\$804	-3.09%	\$355	-44.14%	-44.14%
53										
54	Total		298	724,360		\$26,031	100.00%	-\$3,076	-11.82%	-11.82%

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Line No.	Rate Code (A)	Class/ Descript. (B)	Proposed Annualized				% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
			Customer Bills (C)	Sales KW / KWH (D)	Proposed Rate (E)	Proposed Revenue (F)		
1	AL	Area Lighting						
2	OP							
3		9,000 lumen high pressure sodium	346,830		\$9.13	\$3,166,558	18.76%	\$3,166,558
4		22,000 lumen high pressure sodium	64,965		\$11.44	\$743,200	4.40%	\$743,200
5		22,000 lumen high pressure sodium floodlight	39,263		\$11.44	\$449,169	2.66%	\$449,169
6		50,000 lumen high pressure sodium floodlight	101,009		\$13.83	\$1,396,954	8.28%	\$1,396,954
7		17,000 lumen metal halide floodlight	9,478		\$13.87	\$131,460	0.78%	\$131,460
8		29,000 lumen high metal halide floodlight	85,185		\$13.30	\$1,132,961	6.71%	\$1,132,961
9		2,500 lumen incandescent	487		\$12.85	\$6,258	0.04%	\$6,258
10		4,000 lumen incandescent	69		\$12.85	\$887	0.01%	\$887
11		7,000 lumen mercury	10,392		\$11.25	\$116,910	0.69%	\$116,910
12		20,000 lumen mercury	947		\$16.56	\$15,682	0.09%	\$15,682
13		20,000 lumen mercury floodlight	833		\$16.56	\$13,794	0.08%	\$13,794
14		50,000 lumen mercury floodlight	655		\$18.50	\$12,118	0.07%	\$12,118
15		7,000 lumen mercury lam on 12 ft. post	2,334		\$19.53	\$45,583	0.27%	\$45,583
16		9,000 lumen high pressure sodium lamp on 12 ft. po	27,863		\$18.93	\$527,447	3.12%	\$527,447
17	CSP							
18		100 watt high pressure sodium	159,968		\$9.13	\$1,460,508	8.65%	\$1,460,508
19		150 watt high pressure sodium	21,298		\$10.51	\$223,842	1.33%	\$223,842
20		200 watt high pressure sodium	36,136		\$11.44	\$413,396	2.45%	\$413,396
21		250 watt high pressure sodium	1,555		\$11.44	\$17,789	0.11%	\$17,789
22		400 watt high pressure sodium	43,732		\$13.83	\$604,814	3.58%	\$604,814
23		100 watt high pressure sodium - post top	35,674		\$18.93	\$675,309	4.00%	\$675,309
24		150 watt high pressure sodium - post top	126,039		\$21.65	\$2,728,744	16.17%	\$2,728,744
25		100 watt high pressure sodium - cut off	265		\$9.13	\$2,419	0.01%	\$2,419
26		250 watt high pressure sodium - cut off	369		\$11.44	\$4,221	0.03%	\$4,221
27		400 watt high pressure sodium - cut off	563		\$13.83	\$7,786	0.05%	\$7,786
28		100 watt mercury	2,564		\$10.86	\$27,845	0.16%	\$27,845
29		175 watt mercury	27,540		\$11.25	\$309,825	1.84%	\$309,825
30		400 watt mercury	6,017		\$16.56	\$99,642	0.59%	\$99,642
31		175 watt mercury - post top	2,189		\$19.53	\$42,751	0.25%	\$42,751
32		100 watt high pressure sodium - floodlight	19,331		\$9.13	\$176,492	1.05%	\$176,492
33		250 watt high pressure sodium - floodlight	25,841		\$11.44	\$295,621	1.75%	\$295,621
34		400 watt high pressure sodium - floodlight	71,628		\$13.83	\$990,615	5.87%	\$990,615
35		1000 watt high pressure sodium - floodlight	74		\$21.25	\$1,573	0.01%	\$1,573
36		250 W Metal Halide Floodlight	4,545		\$13.87	\$63,039	0.37%	\$63,039
37		400 W Metal Halide Floodlight	29,632		\$13.30	\$394,106	2.33%	\$394,106
38		1,000 W Metal Halide Floodlight	1,035		\$21.16	\$21,901	0.13%	\$21,901
39		Facilities Charges:						
40		Poles and spans of secondary overhead circuit	214,428		\$0.00	\$0	0.00%	
41		UG circuit in excess of 30 feet \$ per 25 feet - OP	43,741		\$0.00	\$0	0.00%	
42		Underground wire lateral - up to 50 feet - CSP	382,011		\$0.00	\$0	0.00%	
43		Pole Riser	5,268		\$0.00	\$0	0.00%	
44		Overhead Spans	166,719		\$0.00	\$0	0.00%	
45		Mastarms				\$0	0.00%	
46		Wood Pole	96		\$0.00	\$0	0.00%	
47		Various Poles				\$0	0.00%	
48								
49		Total Base Distribution Revenue before Riders	2,118,568	108,668,408		16,321,217		
50								
51		Cell Phone Charge	0		\$12.00	\$0	0.00%	
52		AMI Opt-Out Charge	0		\$24.00	\$0	0.00%	
53		Manual Meter Read Charge	48		\$50.00	\$2,400	0.01%	\$2,400
54								
55		RIDERS						
56		Universal Service Fund Rider						
57		First 833,000 kWh		108,668,408	0.0024978	\$271,432		
58		All Excess kWh		0	0.0001756	\$0		
59		Total Charge				\$271,432	1.61%	\$271,432
60								
61		KWH Tax Rider:						
62		First 2,000 KWH		100,953,387	0.00465	\$469,433		
63		Next 13,000 KWH		7,009,126	0.00419	\$29,368		
64		Excess of 15,000 KWH		148,732	0.00363	\$540		
65		Total Charge				\$499,341	2.96%	\$499,341
66								
67		Energy Efficiency and Peak Demand Reduction Cost Recovery Rider		108,668,408	-	\$0	0.00%	
68				16,321,217	0.00000%	\$0	0.00%	
69								
70		Economic Development Cost Recovery Rider		16,321,217	2.66085%	\$434,282	2.57%	\$434,282
71								
72		Enhanced Service Reliability Rider		16,321,217	-0.27829%	-\$45,421	-0.27%	-\$45,421
73								
74		Distribution Investment Rider		16,321,217	-3.27995%	-\$535,327	-3.17%	-\$535,327
75								
76		Tax Savings Credit Rider		108,668,408	(0.0006200)	-\$67,374	-0.40%	-\$67,374
77								
78		Total	96	108,668,408		\$16,880,550	100.00%	\$16,880,550

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Line No.	Rate Code (A)	Class/ Descript. (B)	Current Annualized				% of Revenue to Total Revenue (L)	Increase In Revenue (M=F-K)	% Increase In Revenue (N=F-K/K)	Total Revenue % Increase (O)
			Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized Revenue (K)				
1	AL	Area Lighting								
2	OP									
3		9,000 lumen high pressure sodium	346,830		\$4.76	\$1,650,911	9.43%	\$1,515,647	91.81%	91.81%
4		22,000 lumen high pressure sodium	64,965		\$5.66	\$367,702	2.10%	\$375,498	102.12%	102.12%
5		22,000 lumen high pressure sodium floodlight	39,263		\$5.64	\$221,443	1.27%	\$227,725	102.84%	102.84%
6		50,000 lumen high pressure sodium floodlight	101,009		\$6.26	\$632,316	3.61%	\$764,638	120.93%	120.93%
7		17,000 lumen metal halide floodlight	9,478		\$7.14	\$67,673	0.39%	\$63,787	94.26%	94.26%
8		29,000 lumen high metal halide floodlight	85,185		\$6.57	\$559,665	3.20%	\$573,295	102.44%	102.44%
9		2,500 lumen incandescent	487		\$6.91	\$3,365	0.02%	\$2,893	85.96%	85.96%
10		4,000 lumen incandescent	69		\$7.45	\$514	0.00%	\$373	72.48%	72.48%
11		7,000 lumen mercury	10,392		\$5.43	\$56,429	0.32%	\$60,481	107.18%	107.18%
12		20,000 lumen mercury	947		\$6.95	\$6,582	0.04%	\$9,101	138.27%	138.27%
13		20,000 lumen mercury floodlight	833		\$8.77	\$7,305	0.04%	\$6,489	88.83%	88.83%
14		50,000 lumen mercury floodlight	655		\$10.05	\$6,583	0.04%	\$5,535	84.08%	84.08%
15		7,000 lumen mercury lam on 12 ft. post	2,334		\$9.40	\$21,940	0.13%	\$23,643	107.77%	107.77%
16		9,000 lumen high pressure sodium lamp on 12 ft. po	27,863		\$8.93	\$248,817	1.42%	\$278,630	111.98%	111.98%
17	CSP									
18		100 watt high pressure sodium	159,968		\$5.29	\$846,231	4.84%	\$614,277	72.59%	72.59%
19		150 watt high pressure sodium	21,298		\$5.71	\$121,612	0.69%	\$102,230	84.06%	84.06%
20		200 watt high pressure sodium	36,136		\$6.93	\$250,422	1.43%	\$162,973	65.08%	65.08%
21		250 watt high pressure sodium	1,555		\$7.14	\$11,103	0.06%	\$6,687	60.22%	60.22%
22		400 watt high pressure sodium	43,732		\$8.71	\$380,906	2.18%	\$223,908	58.78%	58.78%
23		100 watt high pressure sodium - post top	35,674		\$11.33	\$404,186	2.31%	\$271,122	67.08%	67.08%
24		150 watt high pressure sodium - post top	126,039		\$11.76	\$1,482,219	8.47%	\$1,246,526	84.10%	84.10%
25		100 watt high pressure sodium - cut off	265		\$8.37	\$2,218	0.01%	\$201	9.08%	9.08%
26		250 watt high pressure sodium - cut off	369		\$11.33	\$4,181	0.02%	\$41	0.97%	0.97%
27		400 watt high pressure sodium - cut off	563		\$12.61	\$7,099	0.04%	\$687	9.67%	9.67%
28		100 watt mercury	2,564		\$5.90	\$15,128	0.09%	\$12,717	84.07%	84.07%
29		175 watt mercury	27,540		\$6.37	\$175,430	1.00%	\$134,395	76.61%	76.61%
30		400 watt mercury	6,017		\$9.35	\$56,259	0.32%	\$43,383	77.11%	77.11%
31		175 watt mercury - post top	2,189		\$11.89	\$26,027	0.15%	\$16,724	64.26%	64.26%
32		100 watt high pressure sodium - floodlight	19,331		\$5.67	\$109,607	0.63%	\$66,885	61.02%	61.02%
33		250 watt high pressure sodium - floodlight	25,841		\$7.33	\$189,415	1.08%	\$106,207	56.07%	56.07%
34		400 watt high pressure sodium - floodlight	71,628		\$8.51	\$609,554	3.48%	\$381,061	62.51%	62.51%
35		1000 watt high pressure sodium - floodlight	74		\$11.54	\$854	0.00%	\$719	84.14%	84.14%
36		250 W Metal Halide Floodlight	4,545		\$8.36	\$37,996	0.22%	\$25,043	65.91%	65.91%
37		400 W Metal Halide Floodlight	29,632		\$9.11	\$269,948	1.54%	\$124,158	45.99%	45.99%
38		1,000 W Metal Halide Floodlight	1,035		\$11.49	\$11,892	0.07%	\$10,008	84.16%	84.16%
39	Facilities Charges:									
40		Poles and spans of secondary overhead circuit	214,428		\$4.05	\$868,433	4.96%	-\$868,433	-100.00%	-100.00%
41		UG circuit in excess of 30 feet \$ per 25 feet - OP	43,741		\$0.55	\$24,058	0.14%	-\$24,058	-100.00%	-100.00%
42		Underground wire lateral - up to 50 feet - CSP	382,011		\$1.05	\$401,112	2.29%	-\$401,112	-100.00%	-100.00%
43		Pole Riser	5,268		\$3.52	\$18,543	0.11%	-\$18,543	-100.00%	-100.00%
44		Overhead Spans	166,719		\$0.71	\$118,370	0.68%	-\$118,370	-100.00%	-100.00%
45		Mastarms				\$24,863	0.14%	-\$24,863	-100.00%	-100.00%
46		Wood Pole	96		\$2.19	\$210	0.00%	-\$210	-100.00%	-100.00%
47		Various Poles				\$390,679	2.23%	-\$390,679	-100.00%	-100.00%
48										
49		Total Base Distribution Revenue before Riders	2,118,568	108,668,408		\$10,709,799				
50										
51		\$12 Cell Phone Charge	0		\$12.00	\$0	0.00%	\$0	0.00%	0.00%
52		\$24 AMI Opt-Out Charge	0		\$24.00	\$0	0.00%	\$0	0.00%	0.00%
53		\$43 Manual Meter Read Charge	48		\$43.00	\$2,064	0.01%	\$336	16.28%	16.28%
54										
55	RIDERS									
56		Universal Service Fund Rider								
57		First 833,000 kWh		108,668,408	0.0024978	\$271,432				
58		All Excess kWh		0	0.0001756	\$0				
59		Total Charge				\$271,432	1.55%	\$0	0.00%	0.00%
60										
61		KWH Tax Rider:								
62		First 2,000 KWH		100,953,387	0.00465	\$469,433				
63		Next 13,000 KWH		7,009,126	0.00419	\$29,368				
64		Excess of 15,000 KWH		148,732	0.00363	\$540				
65		Total Charge				\$499,341	2.85%	\$0	0.00%	0.00%
66										
67		Energy Efficiency and Peak Demand Reduction Cost Recovery Rider		108,668,408	0.0005533	\$60,126	0.34%	-\$60,126	-100.00%	-100.00%
68				10,709,799	12.82048%	\$1,373,048	7.85%	-\$1,373,048	-100.00%	-100.00%
69										
70		Economic Development Cost Recovery Rider		10,709,799	1.35371%	\$144,980	0.83%	\$289,303	199.55%	199.55%
71										
72		Enhanced Service Reliability Rider		10,709,799	3.48287%	\$373,008	2.13%	-\$418,429	-112.18%	-112.18%
73										
74		Distribution Investment Rider		10,709,799	39.11127%	\$4,188,738	23.93%	-\$4,724,066	-112.78%	-112.78%
75										
76		Tax Savings Credit Rider		108,668,408	(0.0011100)	-\$120,622	-0.69%	\$53,248	-44.14%	-44.14%
77										
78		Total	96	108,668,408		\$17,501,914	100.00%	-\$621,364	-3.55%	-3.55%

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 1 MOS Actual & 11 MOS Estimated
Type of Filing: ► Original ___ Updated ___ Revised ___
Work Paper Reference No(s): WPE-4.1a through WPE-4.1n

Schedule E-4.1
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Witness Responsible: D.M. Roush

Line No.	Rate Code (A)	Class/ Descript. (B)	Customer Bills (C)	Sales KW / KWH (D)	Proposed Annualized		% of Revenue to Total Revenue (G)	Proposed Revenue Total (H)
					Proposed Rate (E)	Proposed Revenue (F)		
1	SL	Street Lighting						
2	CSP							
3	Electric Energy Rate (088/901)							
4	Customer Charge:		419		\$5.65	\$2,367	0.02%	\$2,367
5	Energy Charge			28,831,494	\$0.0125790	\$362,671	3.52%	\$362,671
6								
7	On Wood Pole							
8	100 watt high pressure sodium		179,211		6.86	\$1,229,387	11.93%	\$1,229,387
9	150 watt high pressure sodium		13,047		7.07	\$92,242	0.90%	\$92,242
10	200 watt high pressure sodium		16,284		9.46	\$154,047	1.49%	\$154,047
11	250 watt high pressure sodium		1,112		17.16	\$19,082	0.19%	\$19,082
12	400 watt high pressure sodium		4,097		14.41	\$59,038	0.57%	\$59,038
13	100 watt high pressure sodium - cut off		73		6.86	\$501	0.00%	\$501
14	250 watt high pressure sodium - cut off		71		17.16	\$1,218	0.01%	\$1,218
15	400 watt high pressure sodium - cut off		276		14.41	\$3,977	0.04%	\$3,977
16	100 watt mercury		221		10.05	\$2,221	0.02%	\$2,221
17	175 watt mercury		2,156		6.78	\$14,618	0.14%	\$14,618
18	400 watt mercury		1,230		10.47	\$12,878	0.12%	\$12,878
19								
20	Special Lighting:							
21	100 watt high pressure sodium		2,987		6.86	\$20,491	0.20%	\$20,491
22	100 watt high pressure sodium		24		6.86	\$165	0.00%	\$165
23	100 watt high pressure sodium		5,359		6.86	\$36,763	0.36%	\$36,763
24	150 watt high pressure sodium		240		7.07	\$1,697	0.02%	\$1,697
25	150 watt high pressure sodium		2,521		7.07	\$17,823	0.17%	\$17,823
26	200 watt high pressure sodium		1,124		9.46	\$10,633	0.10%	\$10,633
27	200 watt high pressure sodium		216		9.46	\$2,043	0.02%	\$2,043
28	250 watt high pressure sodium		336		17.16	\$5,766	0.06%	\$5,766
29	400 watt high pressure sodium		634		14.41	\$9,136	0.09%	\$9,136
30	250 watt mercury vapor		9		7.10	\$64	0.00%	\$64
31	OPCo							
32	Electric Energy Rate (522/901)							
33	Customer Charge:		5,810		\$5.65	\$32,827	0.32%	\$32,827
34	Energy Charge			7,671,149	\$0.0125790	\$96,495	0.94%	\$96,495
35								
36	On Wood Pole							
37	7,000 lumen mercury vapor		38,776		6.78	\$262,901	2.55%	\$262,901
38	11,000 lumen mercury vapor		4,390		7.10	\$31,169	0.30%	\$31,169
39	20,000 lumen mercury vapor		5,572		10.47	\$58,339	0.57%	\$58,339
40	50,000 lumen mercury vapor		0		21.90	\$0	0.00%	\$0
41	9,000 lumen high pressure sodium		690,355		6.86	\$4,735,835	45.96%	\$4,735,835
42	16,000 lumen high pressure sodium		59,504		7.07	\$420,693	4.08%	\$420,693
43	22,000 lumen high pressure sodium		81,506		9.46	\$771,047	7.48%	\$771,047
44	50,000 lumen high pressure sodium		7,139		14.41	\$102,873	1.00%	\$102,873
45	9,000 lumen high pressure sodium (post 1988)		24,808		6.86	\$170,183	1.65%	\$170,183
46	16,000 lumen high pressure sodium (post 1988)		0		7.07	\$0	0.00%	\$0
47	22,000 lumen high pressure sodium (post 1988)		6,801		9.46	\$64,337	0.62%	\$64,337
48	50,000 lumen high pressure sodium (post 1988)		1,454		14.41	\$20,952	0.20%	\$20,952
49								
50	On Metal Pole:							
51	7,000 lumen mercury vapor		2,727		6.78	\$18,489	0.18%	\$18,489
52	11,000 lumen mercury vapor		0		7.10	\$0	0.00%	\$0
53	20,000 lumen mercury vapor		1,295		10.47	\$13,559	0.13%	\$13,559
54	50,000 lumen mercury vapor		413		21.90	\$9,045	0.09%	\$9,045
55	9,000 lumen high pressure sodium		4,042		6.86	\$27,728	0.27%	\$27,728
56	16,000 lumen high pressure sodium		1,766		7.07	\$12,486	0.12%	\$12,486
57	22,000 lumen high pressure sodium		15,562		9.46	\$147,217	1.43%	\$147,217
58	50,000 lumen high pressure sodium		7,413		14.41	\$106,821	1.04%	\$106,821
59	9,000 lumen high pressure sodium (post 1988)		0		6.86	\$0	0.00%	\$0
60	16,000 lumen high pressure sodium (post 1988)		0		7.07	\$0	0.00%	\$0
61	22,000 lumen high pressure sodium (post 1988)		595		9.46	\$5,629	0.05%	\$5,629
62	50,000 lumen high pressure sodium (post 1988)		533		14.41	\$7,681	0.07%	\$7,681
63								
64	Multiple Lamps on Metal Pole:							
65	20,000 lumen mercury vapor		0		10.47	\$0	0.00%	\$0
66	9,000 lumen high pressure sodium		3,312		6.86	\$22,720	0.22%	\$22,720
67	16,000 lumen high pressure sodium		157		7.07	\$1,110	0.01%	\$1,110
68	22,000 lumen high pressure sodium		1,247		9.46	\$11,797	0.11%	\$11,797
69	50,000 lumen high pressure sodium		0		14.41	\$0	0.00%	\$0
70	9,000 lumen high pressure sodium (post 1988)		0		6.86	\$0	0.00%	\$0
71	16,000 lumen high pressure sodium (post 1988)		0		7.07	\$0	0.00%	\$0
72	22,000 lumen high pressure sodium (post 1988)		0		9.46	\$0	0.00%	\$0
73	50,000 lumen high pressure sodium (post 1988)		0		14.41	\$0	0.00%	\$0
74								
75	Post Top Unit:							
76	7,000 lumen mercury vapor		0		11.80	\$0	0.00%	\$0
77	9,000 lumen high pressure sodium		9,559		13.11	\$125,318	1.22%	\$125,318
78	9,000 lumen high pressure sodium (post 1988)		20,820		13.11	\$272,950	2.65%	\$272,950
79								
80	Special Lighting:							
81	9,000 lumen high pressure sodium		1,794		6.86	\$12,307	0.12%	\$12,307
82	50,000 lumen high pressure sodium		83		14.41	\$1,196	0.01%	\$1,196
83	16,000 lumen high pressure sodium (Tiffin)		136		7.07	\$962	0.01%	\$962
84	9,000 lumen high pressure sodium		3,485		6.86	\$23,907	0.23%	\$23,907
85	9,000 lumen high pressure sodium		3,105		6.86	\$21,300	0.21%	\$21,300
86	9,000 lumen high pressure sodium		119		6.86	\$816	0.01%	\$816
87	Receptacle charge		3,102		3.08	\$9,554	0.09%	\$9,554
88								
89	Facilities Charges:					\$0	0.00%	\$0
90								
91	Total Base Distribution Revenue before Riders		1,239,027	36,502,643		9,679,071		
92								
93	Cell Phone Charge		0		\$12.00	\$0	0.00%	\$0
94	AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	\$0
95	Manual Meter Read Charge		0		\$50.00	\$0	0.00%	\$0
96								
97	RIDERS							
98	Universal Service Fund Rider							
99	First 833,000 KWh			97,236,876	0.0024978	\$242,878		
100	All Excess KWh			1,638,189	0.0001756	\$288		
101	Total Charge					\$243,166	2.36%	\$243,166
102								
103	KWH Tax Rider:							
104	First 2,000 KWH			16,971,181	0.00465	\$78,916		
105	Next 13,000 KWH			26,918,602	0.00419	\$112,789		
106	Excess of 15,000 KWH			54,984,259	0.00363	\$199,593		
107	Total Charge					\$391,298	3.80%	\$391,298
108								
109	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider			98,875,065	-	\$0	0.00%	\$0
110				9,679,071	0.000000%	\$0	0.00%	\$0
111								
112	Economic Development Cost Recovery Rider			9,679,071	2.66085%	\$257,545	2.50%	\$257,545
113								
114	Enhanced Service Reliability Rider			9,679,071	-0.27829%	-\$26,936	-0.26%	-\$26,936
115								
116	grdSMART Rider - Phase 2		14,551		\$8.66	\$126,012	1.22%	\$126,012
117								
118	Smart City Rider		14,551		\$0.93	\$13,532	0.13%	\$13,532
119								
120	Distribution Investment Rider			9,679,071	-3.7995%	-\$317,469	-3.08%	-\$317,469
121								
122	Tax Savings Credit Rider			98,875,065	(0.0006200)	-\$61,303	-0.59%	-\$61,303
123								
124	Total		14,551	98,875,065		\$10,304,917	100.00%	\$10,304,917

OHIO POWER COMPANY
Case No. 20-0585-EL-AIR
Annualized Test Year Revenues at Proposed Rates vs.
Most Current Rates
(Electric and Gas Utilities)

Data: 1 MOS Actual & 11 MOS Estimated
Type of Filing: Original Updated Revised
Work Paper Reference No(s): WPE-4.1a through WPE-4.1n

Schedule E-4.1
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Witness Responsible: D.M. Roush

Line No.	Rate Code (A)	Class/ Descript. (B)	Current Annualized				% of Revenue to Total Revenue (L)	Increase in Revenue (M=F-K)	% Increase in Revenue (N=F-K/K)	Total Revenue % Increase (O)
			Customer Bills (C)	Sales KW / KWH (D)	Most Current Rate (J)	Current Annualized Revenue (K)				
1	SL	Street Lighting								
2	CSP									
3	Electric Energy Rate (088/901)									
4	Customer Charge:		419		\$3.90	\$1,634	0.02%	\$733	44.87%	44.87%
5	Energy Charge:			28,831,494	\$0.106106	\$305,919	2.86%	\$56,752	18.55%	18.55%
6										
7	On Wood Pole									
8	100 watt high pressure sodium		179,211		\$6.57	\$1,177,416	11.01%	\$51,971	4.41%	4.41%
9	150 watt high pressure sodium		13,047		\$7.46	\$97,331	0.91%	\$5,088	-5.23%	-5.23%
10	200 watt high pressure sodium		16,284		\$9.59	\$156,164	1.46%	\$2,117	-1.36%	-1.36%
11	250 watt high pressure sodium		1,112		\$10.58	\$11,765	0.11%	\$7,317	62.19%	62.19%
12	400 watt high pressure sodium		4,097		\$11.92	\$48,836	0.46%	\$10,202	20.89%	20.89%
13	100 watt high pressure sodium - cut off		73		\$9.43	\$688	0.01%	-\$188	-27.25%	-27.25%
14	250 watt high pressure sodium - cut off		71		\$15.14	\$1,075	0.01%	\$143	13.34%	13.34%
15	400 watt high pressure sodium - cut off		276		\$19.34	\$5,338	0.05%	-\$1,361	-25.49%	-25.49%
16	100 watt mercury		221		\$6.00	\$1,326	0.01%	\$895	67.50%	67.50%
17	175 watt mercury		2,156		\$6.89	\$14,855	0.14%	-\$237	-1.60%	-1.60%
18	400 watt mercury		1,230		\$11.17	\$13,739	0.13%	-\$861	-6.27%	-6.27%
19										
20	Special Lighting:									
21	100 watt high pressure sodium		2,987		\$0.66	\$1,971	0.02%	\$18,519	939.39%	939.39%
22	100 watt high pressure sodium		24		\$2.81	\$67	0.00%	\$97	144.13%	144.13%
23	100 watt high pressure sodium		5,359		\$3.70	\$19,828	0.19%	\$16,934	85.41%	85.41%
24	150 watt high pressure sodium		240		\$3.86	\$926	0.01%	\$770	83.16%	83.16%
25	150 watt high pressure sodium		2,521		\$4.95	\$12,479	0.12%	\$5,345	42.83%	42.83%
26	200 watt high pressure sodium		1,124		\$5.59	\$6,283	0.06%	\$4,350	69.23%	69.23%
27	200 watt high pressure sodium		216		\$9.60	\$2,074	0.02%	-\$30	-1.46%	-1.46%
28	250 watt high pressure sodium		336		\$5.09	\$2,718	0.03%	\$3,048	112.11%	112.11%
29	400 watt high pressure sodium		634		\$12.98	\$8,229	0.08%	\$907	11.02%	11.02%
30	250 watt mercury vapor		9		\$2.16	\$19	0.00%	\$44	228.70%	228.70%
31	OPCo									
32	Electric Energy Rate (522/901)									
33	Customer Charge:		5,810		\$5.51	\$32,013	0.30%	\$813	2.54%	2.54%
34	Energy Charge:			7,671,149	\$0.0094381	\$72,401	0.68%	\$24,094	33.28%	33.28%
35										
36	On Wood Pole									
37	7,000 lumen mercury vapor		38,776		\$3.67	\$142,308	1.33%	\$120,593	84.74%	84.74%
38	11,000 lumen mercury vapor		4,390		\$4.24	\$18,614	0.17%	\$12,555	67.45%	67.45%
39	20,000 lumen mercury vapor		5,572		\$4.54	\$25,297	0.24%	\$33,042	130.62%	130.62%
40	50,000 lumen mercury vapor		0		\$8.23	\$0	0.00%	\$0	0.00%	0.00%
41	9,000 lumen high pressure sodium		690,355		\$3.25	\$2,243,654	20.99%	\$2,492,182	111.08%	111.08%
42	16,000 lumen high pressure sodium		59,504		\$3.31	\$196,958	1.84%	\$232,735	113.60%	113.60%
43	22,000 lumen high pressure sodium		81,506		\$3.80	\$309,723	2.90%	\$461,324	148.95%	148.95%
44	50,000 lumen high pressure sodium		7,139		\$4.11	\$29,341	0.27%	\$73,532	250.61%	250.61%
45	9,000 lumen high pressure sodium (post 1988)		24,808		\$8.98	\$222,776	2.08%	-\$52,593	-23.61%	-23.61%
46	16,000 lumen high pressure sodium (post 1988)		0		\$9.04	\$0	0.00%	\$0	0.00%	0.00%
47	22,000 lumen high pressure sodium (post 1988)		6,801		\$9.54	\$64,882	0.61%	-\$544	-0.84%	-0.84%
48	50,000 lumen high pressure sodium (post 1988)		1,454		\$9.86	\$14,336	0.13%	\$6,616	46.15%	46.15%
49										
50	On Metal Pole:									
51	7,000 lumen mercury vapor		2,727		\$7.11	\$19,389	0.18%	-\$900	-4.64%	-4.64%
52	11,000 lumen mercury vapor		0		\$8.35	\$0	0.00%	\$0	0.00%	0.00%
53	20,000 lumen mercury vapor		0		\$8.96	\$1,603	0.11%	\$1,855	16.85%	16.85%
54	50,000 lumen mercury vapor		413		\$13.08	\$5,402	0.05%	\$3,643	67.43%	67.43%
55	9,000 lumen high pressure sodium		4,042		\$8.09	\$32,700	0.31%	-\$4,972	-15.20%	-15.20%
56	16,000 lumen high pressure sodium		1,766		\$8.13	\$14,358	0.13%	-\$1,872	-13.04%	-13.04%
57	22,000 lumen high pressure sodium		15,562		\$8.64	\$134,456	1.26%	\$12,761	9.49%	9.49%
58	50,000 lumen high pressure sodium		7,413		\$8.95	\$66,346	0.62%	\$40,475	61.01%	61.01%
59	9,000 lumen high pressure sodium (post 1998)		0		\$23.22	\$0	0.00%	\$0	0.00%	0.00%
60	16,000 lumen high pressure sodium (post 1998)		0		\$23.28	\$0	0.00%	\$0	0.00%	0.00%
61	22,000 lumen high pressure sodium (post 1998)		595		\$23.77	\$14,143	0.13%	-\$8,514	-60.20%	-60.20%
62	50,000 lumen high pressure sodium (post 1998)		533		\$24.09	\$12,840	0.12%	-\$5,159	-40.18%	-40.18%
63										
64	Multiple Lamps on Metal Pole:									
65	20,000 lumen mercury vapor		0		\$6.96	\$0	0.00%	\$0	0.00%	0.00%
66	9,000 lumen high pressure sodium		3,312		\$5.66	\$18,746	0.18%	\$3,974	21.20%	21.20%
67	16,000 lumen high pressure sodium		157		\$5.71	\$896	0.01%	\$214	23.82%	23.82%
68	22,000 lumen high pressure sodium		1,247		\$6.22	\$7,756	0.07%	\$4,040	52.09%	52.09%
69	50,000 lumen high pressure sodium		0		\$6.53	\$0	0.00%	\$0	0.00%	0.00%
70	9,000 lumen high pressure sodium (post 1998)		0		\$13.23	\$0	0.00%	\$0	0.00%	0.00%
71	16,000 lumen high pressure sodium (post 1998)		0		\$13.28	\$0	0.00%	\$0	0.00%	0.00%
72	22,000 lumen high pressure sodium (post 1998)		0		\$13.79	\$0	0.00%	\$0	0.00%	0.00%
73	50,000 lumen high pressure sodium (post 1998)		0		\$14.10	\$0	0.00%	\$0	0.00%	0.00%
74										
75	Post Top Unit:									
76	7,000 lumen mercury vapor		0		\$7.04	\$0	0.00%	\$0	0.00%	0.00%
77	9,000 lumen high pressure sodium		9,559		\$6.77	\$64,714	0.61%	\$60,604	93.65%	93.65%
78	9,000 lumen high pressure sodium (post 1988)		20,820		\$8.31	\$173,014	1.62%	\$99,936	57.76%	57.76%
79										
80	Special Lighting:									
81	9,000 lumen high pressure sodium		1,794		\$11.07	\$19,860	0.19%	-\$7,553	-38.03%	-38.03%
82	50,000 lumen high pressure sodium		83		\$8.43	\$700	0.01%	\$496	70.94%	70.94%
83	16,000 lumen high pressure sodium (Tiffin)		136		\$22.63	\$3,078	0.03%	-\$2,116	-68.76%	-68.76%
84	9,000 lumen high pressure sodium		3,485		\$3.26	\$11,361	0.11%	\$12,546	110.43%	110.43%
85	9,000 lumen high pressure sodium		3,105		\$3.39	\$10,526	0.10%	\$10,774	102.36%	102.36%
86	9,000 lumen high pressure sodium		119		\$11.61	\$1,382	0.01%	-\$565	-40.91%	-40.91%
87	Receptacle charge		3,102		\$1.84	\$5,708	0.05%	\$3,846	67.39%	67.39%
88										
89	Facilities Charges:					\$468,116	4.38%	-\$468,116	-100.00%	-100.00%
90										
91	Total Base Distribution Revenue before Riders		1,239,027	36,502,643		6,360,078				
92										
93	\$12 Cell Phone Charge		0		\$12.00	\$0	0.00%	\$0	0.00%	0.00%
94	\$24 AMI Opt-Out Charge		0		\$24.00	\$0	0.00%	\$0	0.00%	0.00%
95	\$43 Manual Meter Read Charge		0		\$43.00	\$0	0.00%	\$0	0.00%	0.00%
96										
97	RIDERS									
98	Universal Service Fund Rider									
99	First 833,000 KWH			97,236,876	0.0004978	\$242,878				
100	All Excess KWH			1,638,189	0.0001756	\$288				
101	Total Charge					\$243,166	2.27%	\$0	0.00%	0.00%
102										
103	KWH Tax Rider:									
104	First 2,000 KWH			16,971,181	0.00465	\$78,916				
105	Next 13,000 KWH			26,918,602	0.00419	\$112,789				
106	Excess of 15,000 KWH			54,984,259	0.00363	\$199,593				
107	Total Charge					\$391,298	3.66%	\$0	0.00%	0.00%
108										
109	Energy Efficiency and Peak Demand Reduction Cost Recovery Rider			98,875,065	0.0005533	\$54,708	0.51%	-\$54,708	-100.00%	-100.00%
110				6,360,078	12.82048%	\$815,393	7.63%	-\$815,393	-100.00%	-100.00%
111										
112	Economic Development Cost Recovery Rider			6,360,078	1.35371%	\$86,097	0.81%	\$171,448	199.13%	199.13%
113										
114	Enhanced Service Reliability Rider			6,360,078	3.48287%	\$221,513	2.07%	-\$248,450	-112.16%	-112.16%
115										
116	gridSMART Rider - Phase 2		14,551		\$8.66	\$126,012	1.18%	\$0	0.00%	0.00%
117										
118	Smart City Rider		14,551		\$0.93	\$13,532	0.13%	\$0	0.00%	0.00%
119										
120	Distribution Investment Rider			6,360,078	39.11127%	\$2,487,507	23.27%	-\$2,804,976	-112.76%	-112.76%
121										
122	Tax Savings Credit Rider			98,875,065	(0.0011100)	-\$109,751	-1.03%	\$48,449	-44.14%	-44.14%
123										
124	Total		14,551	98,875,065		\$10,689,552	100.00%	-\$384,635	-3.60%	-3.60%

Current Rates Input Panel

	Service Charge	Energy Charge - All kWh	On-Peak Billing KWh	Off-Peak Billing KWh	Billing Demand	Off-Peak Excess Demand	Excess KVA	Excess KVAR
CSP								
RS-RR	8.40	0.0182747						
RS-RR-1	8.40	0.0182747						
RS-RSDM (010)	8.40				3.17			
RS-RLM (019)	8.90	0.0182747						
RS-TOD	9.25	0.0182747						
RS-ES	9.25	0.0182747						
RS-TOD2	4.52	0.0258097						
RS-CPP	4.52		0.0298899	0.0057028				
GS-1 Metered	6.47	0.0147707						
GS-1 Unmetered	3.90	0.0147707						
GS-2-Sec	9.04				4.033	4.033		
GS-2-ES	28.63		0.0283254	0.0003805				
GS-2-TOD	28.63		0.0283254	0.0003805				
GS-2-Pri	115.29				3.183	3.183		
GS-3-Sec	9.04				4.033	4.033	0.863	
GS-3-Pri	115.29				3.183	3.183	0.835	
GS-4-Tran	1,060.00							0.48
OP								
RS	8.40	0.0182747						
RS-ES	9.25	0.0182747						
RS-TOD	9.25	0.0182747						
GS-1 Metered	13.17	0.0027999						
GS-1 Unmetered	7.35	0.0027999						
GS-1-ES	13.17	0.0027999						
GS-2-Sec	22.79				4.16	4.16	3.82	
GS-2-AF	17.23	0.0125784						
GS-2-ES	2.96		0.0227282	0.0003512				
GS-2-TOD	22.79		0.0227282	0.0003512				
GS-2-Pri	95.47				3.76	3.76	3.82	
GS-2-Sub	512.00						3.82	
GS-2-Tran	512.00						3.82	
GS-3-Sec	22.79				4.16	4.16	3.82	
GS-3-Pri	95.47				3.76	3.76	3.82	
GS-3-Sub	512.00						3.82	
GS-3-Tran	512.00						3.82	
GS-4-Pri	95.47				3.76	3.76		0.48
GS-4-Sub	512.00							0.48
GS-4-Tran	512.00							0.48
EHG	21.96	0.0132863			1.18			
EHS *	12.22	0.0021744						
SS	31.84	0.0124738						
Flood Pumps **	4.30	0.0163690	-0.0010000					

* Customer Charge is a minimum charge

** On-Peak Rate is Prompt Pay Discount

Proposed Rates Input Panel

Source: WPE-1I through WPE-1o

Rate Zone	Tariff Code	Tariff Description	Service Charge	Energy Charge All kWh	Energy Charge Up to 4500 kWh	Billing Demand (>10 GS, >30 EHG, <2000 Sub/Tran)	Off-Peak Excess Demand	Excess KVA	Excess KVAR	<2000 Service Charge
CSP										
	015	RS-RR	10.00	0.0263125						
	015	RS-RR-1	10.00	0.0263125						
	010	RS-RSDM	10.00			4.27				
	019	RS-RLM	10.00	0.0263125						
	030	RS-TOD	10.00	0.0263125						
	032	RS-ES	10.00	0.0263125						
	040	RS-TOD2 (RS-TOU)	10.00	0.0263125						
	040	RS-CPP (RS-TOU)	10.00	0.0263125						
	215	GS-1 Metered	9.40		0.0279184			1.25		
	213	GS-1 Unmetered	5.65	0.0205802						
	215	GS-2-Sec	9.40			7.01	7.01	1.25		
	220	GS-2-LM-TOD	9.40	0.0205802						
	228	GS-2-TOD	9.40	0.0205802						
	217	GS-2-Pri	138.50			5.85	5.85	1.21		
	215	GS-3-Sec	9.40			7.01	7.01	1.25		
	217	GS-3-Pri	138.50			5.85	5.85	1.21		
	237	GS-4-Tran	3,600.00			0.00			0.70	825.00
	284	GS-TOU	9.40	0.0205802						
OP										
	015	RS	10.00	0.0263125						
	032	RS-ES	10.00	0.0263125						
	030	RS-TOD	10.00	0.0263125						
	215	GS-1 Metered	9.40		0.0138367			1.25		
	213	GS-1 Unmetered	5.65	0.0205802						
	225	GS-1-ES	9.40	0.0205802						
	215	GS-2-Sec	9.40			7.01	7.01	1.25		
	214	GS-2-AF	9.40	0.0205802						
	223	GS-2-ES	9.40	0.0205802						
	229	GS-TOD	9.40	0.0205802						
	217	GS-2-Pri	138.50			6.72	6.72	1.21		
	237	GS-2-Sub	3,600.00			0.00			0.70	825.00
	237	GS-2-Tran	3,600.00			0.00			0.70	825.00
	215	GS-3-Sec	9.40			7.01	7.01	1.25		
	217	GS-3-Pri	138.50			6.72	6.72	1.21		
	237	GS-3-Sub	3,600.00			0.00			0.70	825.00
	237	GS-3-Tran	3,600.00			0.00			0.70	825.00
	217	GS-4-Pri	138.50			6.72	6.72	1.21		
	237	GS-4-Sub	3,600.00			0.00			0.70	825.00
	237	GS-4-Tran	3,600.00			0.00			0.70	825.00
	209	EHG	9.40	0.0138142		7.01				
	631	EHS	9.40	0.0100000						
	635	SS	9.40	0.0205802						
	716	Flood Pumps	5.65	0.0205802						

Proposed Rates Input Panel

Source: WPE-1I through WPE-1o

DLC Credit	-8.00	
Cell Phone Charge	12.00	
AMI Opt-Out Charge	24.00	
Manual Meter Read Charge	50.00	
Flood Pump Prompt Pay		-0.0010000
CSP Unmetered Special Service	3.00	

315	Cnty & Ind Fair-Sec	9.40	0.0205802
316	Cnty & Ind Fair-Pri	138.50	0.0137173

Standard AFS

Current \$2.50	2.50
Current \$2.54	2.54
Current \$3.07	2.54
Current \$4.19	4.19

Outdoor Lighting

	Current	Proposed
OP		
9,000 lumen high pressure sodium	4.76	9.13
22,000 lumen high pressure sodium	5.66	11.44
22,000 lumen high pressure sodium floodlight	5.64	11.44
50,000 lumen high pressure sodium floodlight	6.26	13.83
17,000 lumen metal halide floodlight	7.14	13.87
29,000 lumen high metal halide floodlight	6.57	13.30
2,500 lumen incandescent	6.91	12.85
4,000 lumen incandescent	7.45	12.85
7,000 lumen mercury	5.43	11.25
20,000 lumen mercury	6.95	16.56
20,000 lumen mercury floodlight	8.77	16.56
50,000 lumen mercury floodlight	10.05	18.50
7,000 lumen mercury lam on 12 ft. post	9.40	19.53
9,000 lumen high pressure sodium lamp on 12 ft. post	8.93	18.93

CSP		
100 watt high pressure sodium	5.29	9.13
150 watt high pressure sodium	5.71	10.51
200 watt high pressure sodium	6.93	11.44
250 watt high pressure sodium	7.14	11.44
400 watt high pressure sodium	8.71	13.83
100 watt high pressure sodium - post top	11.33	18.93
150 watt high pressure sodium - post top	11.76	21.65
100 watt high pressure sodium - cut off	8.37	9.13
250 watt high pressure sodium - cut off	11.33	11.44
400 watt high pressure sodium - cut off	12.61	13.83
100 watt mercury	5.90	10.86
175 watt mercury	6.37	11.25
400 watt mercury	9.35	16.56
175 watt mercury - post top	11.89	19.53
100 watt high pressure sodium - floodlight	5.67	9.13
250 watt high pressure sodium - floodlight	7.33	11.44
400 watt high pressure sodium - floodlight	8.51	13.83
1000 watt high pressure sodium - floodlight	11.54	21.25
250 W Metal Halide Floodlight	8.36	13.87
400 W Metal Halide Floodlight	9.11	13.30
1,000 W Metal Halide Floodlight	11.49	21.16

Proposed Rates Input Panel

Source: WPE-1I through WPE-1o

Street Lighting

CSP

Electric Energy Rate

Customer Charge

Energy Charge

Current

Proposed

5.65

0.0125790

Wood Pole

100 watt high pressure sodium	6.57	6.86
150 watt high pressure sodium	7.46	7.07
200 watt high pressure sodium	9.59	9.46
250 watt high pressure sodium	10.58	17.16
400 watt high pressure sodium	11.92	14.41
100 watt high pressure sodium - cut off	9.43	6.86
250 watt high pressure sodium - cut off	15.14	17.16
400 watt high pressure sodium - cut off	19.34	14.41
100 watt mercury	6.00	10.05
175 watt mercury	6.89	6.78
400 watt mercury	11.17	10.47

Special

100 watt high pressure sodium	0.66	6.86
100 watt high pressure sodium	2.81	6.86
100 watt high pressure sodium	3.70	6.86
150 watt high pressure sodium	3.86	7.07
150 watt high pressure sodium	4.95	7.07
200 watt high pressure sodium	5.59	9.46
200 watt high pressure sodium	9.60	9.46
250 watt high pressure sodium	8.09	17.16
400 watt high pressure sodium	12.98	14.41
250 watt mercury vapor	2.16	7.10

OP

Electric Energy Rate

Customer Charge

Energy Charge

5.65

0.0125790

Wood Pole

7,000 lumen mercury vapor	3.67	6.78
11,000 lumen mercury vapor	4.24	7.10
20,000 lumen mercury vapor	4.54	10.47
50,000 lumen mercury vapor	8.23	21.90
9,000 lumen high pressure sodium	3.25	6.86
16,000 lumen high pressure sodium	3.31	7.07
22,000 lumen high pressure sodium	3.80	9.46
50,000 lumen high pressure sodium	4.11	14.41
9,000 lumen high pressure sodium (post 1988)	8.98	6.86
16,000 lumen high pressure sodium (post 1988)	9.04	7.07
22,000 lumen high pressure sodium (post 1988)	9.54	9.46
50,000 lumen high pressure sodium (post 1988)	9.86	14.41

Metal Pole

7,000 lumen mercury vapor	7.11	6.78
11,000 lumen mercury vapor	8.35	7.10
20,000 lumen mercury vapor	8.96	10.47
50,000 lumen mercury vapor	13.08	21.90
9,000 lumen high pressure sodium	8.09	6.86
16,000 lumen high pressure sodium	8.13	7.07
22,000 lumen high pressure sodium	8.64	9.46
50,000 lumen high pressure sodium	8.95	14.41
9,000 lumen high pressure sodium (post 1988)	23.22	6.86
16,000 lumen high pressure sodium (post 1988)	23.28	7.07
22,000 lumen high pressure sodium (post 1988)	23.77	9.46
50,000 lumen high pressure sodium (post 1988)	24.09	14.41

Proposed Rates Input Panel

Source: WPE-1I through WPE-1o

Multiple Lamp on Metal Pole		
20,000 lumen mercury vapor	6.96	10.47
9,000 lumen high pressure sodium	5.66	6.86
16,000 lumen high pressure sodium	5.71	7.07
22,000 lumen high pressure sodium	6.22	9.46
50,000 lumen high pressure sodium	6.53	14.41
9,000 lumen high pressure sodium (post 1988)	13.23	6.86
16,000 lumen high pressure sodium (post 1988)	13.28	7.07
22,000 lumen high pressure sodium (post 1988)	13.79	9.46
50,000 lumen high pressure sodium (post 1988)	14.10	14.41
Post Top		
7,000 lumen mercury vapor	7.04	11.80
9,000 lumen high pressure sodium	6.77	13.11
9,000 lumen high pressure sodium (post 1988)	8.31	13.11
Special		
9,000 lumen high pressure sodium	11.07	6.86
50,000 lumen high pressure sodium	8.43	14.41
16,000 lumen high pressure sodium (Tiffin)	22.63	7.07
9,000 lumen high pressure sodium	3.26	6.86
9,000 lumen high pressure sodium	3.39	6.86
9,000 lumen high pressure sodium	11.61	6.86
Receptacle charge	1.84	3.08

OHIO POWER COMPANY
Current and Proposed Distribution Rates
Test Year Ended November 30, 2020

(1)	CURRENT RATES				PROPOSED RATES			
	Demand	Energy	Customer	% of Base Distribution	Demand	Energy	Customer	% of Base Distribution
	(2) \$/kW	(3) \$/kWh	(4) \$/mo	(5) % of Base	(6) \$/kW	(7) \$/kWh	(8) \$/mo	(9) % of Base
Riders Effective December 1, 2019								
Universal Service Fund Rider								
First 833,000 kWh		0.0024978				0.0024978		
All Excess kWh		0.0001756				0.0001756		
KWH Tax Rider:								
First 2,000 KWH		0.00465				0.00465		
Next 13,000 KWH		0.00419				0.00419		
Excess of 15,000 KWH		0.00363				0.00363		
Total Charge								
Energy Efficiency and Peak Demand Reduction Cost Recovery Rider								
Residential		0.0031533						
General Service Non-Demand & County Fairs		0.0005533	2.97					
General Service Demand Metered	0.79	0.0005533						
Lighting		0.0005533		12.82048%				
Economic Development Cost Recovery Rider				1.35371%				2.66085%
Enhanced Service Reliability Rider				3.48287%				-0.27829%
gridSMART Rider - Phase 2 - Residential			0.99				0.99	
gridSMART Rider - Phase 2 - Non-Residential			8.66				8.66	
Smart City - Residential			0.24				0.24	
Smart City - Non-Residential			0.93				0.93	
Residential Distribution Credit Rider				-3.5807%				
Pilot Throughput Balancing Adjustment Rider - Residential (OP)		0.0007417				0.0007417		
Pilot Throughput Balancing Adjustment Rider - GS-1 (OP)		0.0001055				0.0001055		
Pilot Throughput Balancing Adjustment Rider - Residential (CSP)		0.0005935				0.0005935		
Pilot Throughput Balancing Adjustment Rider - GS-1 (CSP)		0.0006685				0.0006685		
Distribution Investment Rider				39.11127%				-3.27995%
Tax Savings Credit Rider - Residential		-0.001718				-0.000230		
Tax Savings Credit Rider - Non-Residential		-0.001110				-0.000620		

OHIO POWER COMPANY
Current Generation and Transmission Rates
Test Year Ended November 30, 2020

CURRENT RATES

	Demand	Energy	Customer	% of Base Distribution
(1)	(2)	(3)	(4)	(5)
	\$/kW	\$/kWh	\$/mo	% of Base
Riders Effective December 1, 2019				
Basic Transmission Cost Rider				
Residential		0.0166323		
Non Demand Metered: GS-1, GS-2, GS-3-ES, EHS, SS		0.0123725		
Demand Metered Secondary: GS-2, GS-3, EHG	3.85	0.0003914		
Demand Metered Primary: GS-2, GS-3, GS-4	4.51	0.0003778		
Demand Metered Sub/Tran: GS-2, GS-3, GS-4	4.10	0.000370		
Lighting: AL, SL		0.007148		
Auction Cost Reconciliation Rider		0.0018114		
Generation Energy Rider				
Residential		0.04026		
Non Demand Metered: GS-1, GS-2, GS-3-ES, EHS, SS		0.04026		
Demand Metered Secondary: GS-2, GS-3, EHG		0.04026		
Demand Metered Primary: GS-2, GS-3, GS-4		0.03886		
Demand Metered Sub/Tran: GS-2, GS-3, GS-4		0.03809		
Lighting: AL, SL		0.04026		
Generation Capacity Rider - CSP				
RR, RR-1		0.01066		
RLM Winter First 750		0.0147868		
RLM Winter Next 150		0.0080021		
RLM Winter All Other		0.0093585		
RLM Summer First 750		0.0147868		
RLM Summer Next 150		0.0140166		
RLM Summer All Other		0.0131431		
RS-ES, RS-TOD On Pk		0.0184474		
RS-ES, RS-TOD Off Pk		0.0063288		
GS-1		0.00885		
Demand Metered Secondary: GS-2, GS-3		0.00842		
Demand Metered Primary: GS-2, GS-3		0.00852		
Demand Metered Sub/Tran: GS-4		0.00483		
Generation Capacity Rider - OP				
RS		0.01066		
RS-ES, RS-TOD On Pk		0.022075		
RS-ES, RS-TOD Off Pk		0.0060813		
GS-1, EHS, SS, GS-2 Rec		0.00885		
GS-1 ES On Pk		0.0181027		
GS-1 ES Off Pk		0.0039518		
Demand Metered Secondary: GS-2, GS-3, EHG		0.00842		
Demand Metered Primary: GS-2, GS-3, GS-4		0.00852		
Demand Metered Sub/Tran: GS-2, GS-3, GS-4		0.00483		
Alternative Energy Rider - OP				
Secondary		0.0025585		
Primary		0.0024696		
Sub/Tran		0.0024202		
Alternative Energy Rider - CSP				
Secondary		0.0025585		
Primary		0.0024696		
Sub/Tran		0.0024202		
Purchase Power Agreement				
Residential		0.0017608		
Non Demand Metered		0.0014164		
Demand Metered Secondary		0.0014889		
Demand Metered Primary		0.0012101		
Demand Metered Tran/Subtran		0.0008816		
Lighting		0		

Billing Units Input Panel

																			EE/PDR Opt-Outs		Fairs	
	# of Customers	# of Bills	Metered KWh	Billing kWh	On-Peak Billing KWh	Off-Peak Billing KWh	Metered Demand	Billing Demand	Off-Peak Excess Demand	Excess KVA	Metered KVAR	Excess KVAR	KWh Tax Rider Block 1	KWh Tax Rider Block 2	KWh Tax Rider Block 3	USF Rider Block 1	USF Rider Block 2	\$8 DLC Credit	Opt Out KW	Opt Out KWh	EE/PDR Fair KW	EE/PDR Fair Customer Bills
CSP																						
RS-RR	6,491,543	6,433,427	6,326,518,339	6,326,518,339									5,878,357,984	446,859,807	1,300,548	6,326,518,339	0	2,538				
RS-RR-1	1,815,363	1,791,234	731,057,974	731,057,974									715,230,906	15,827,068	0	731,057,974	0	160				
RS-RSDM (010)	18	15	87,729	87,729				289					21,729	66,000	0	87,729	0					
RS-RLM (019)	607	601	2,772,724	2,772,724									959,819	1,738,236	74,669	2,772,724	0					
RS-TOD	81	81	49,521	49,521									49,521	0	0	49,521	0					
RS-ES	25	25	15,095	15,095									15,095	0	0	15,095	0					
RS-TOD2	5,012	4,812	3,637,325	3,637,325									3,564,456	72,869	0	3,637,325	0	1,091				
RS-CPP	739	714	714,886	714,886	587,622	127,264							692,239	22,647	0	714,886	0					
GS-1 Metered	656,274	653,601	342,141,689	342,141,689									311,273,382	27,318,666	1,487,446	342,141,689	0					
GS-1 Unmetered	6,845	6,861	16,084,901	16,084,901									3,246,243	3,885,339	8,917,982	16,084,901	0					
GS-2-Sec	305,229	304,403	2,079,934,792	2,079,934,792			7,466,005	7,544,789	570				523,146,020	996,142,628	550,130,127	2,079,934,792	0			14,611	1,261	
GS-2-ES	52	52	193,895	193,895	93,255	100,640							52,324	75,334	66,238	193,895	0					
GS-2-TOD	196	196	624,362	624,362	172,041	452,321							261,594	340,453	22,315	624,362	0					
GS-2-Pri	1,216	1,210	142,232,881	142,232,881			539,785	539,785	1,659				2,215,198	12,557,346	123,785,966	120,962,300	21,270,581			15,796	36	
GS-3-Sec	64,866	64,765	4,101,983,474	4,101,783,918			9,814,173	9,880,918	27,768	281,133			125,835,586	763,998,133	3,170,237,096	3,999,297,319	102,686,155					
GS-3-Pri	6,165	6,162	2,549,335,470	2,550,117,968			5,463,023	5,569,125	47,265	239,542			11,665,998	74,602,445	2,180,356,173	1,836,154,115	713,181,355					
GS-4-Tran	474	474	2,808,970,681	2,821,198,166			5,341,991	5,867,193			2,142,071	249,223	561,907	3,652,394	657,170,582	338,220,785	2,470,749,896		1,268,389	687,975,146		
OL			51,381,988																			
SL	2,531	419	40,076,914																			
OP																						
RS	7,219,097	7,171,621	6,740,672,473	6,740,672,473									6,193,625,575	545,041,399	2,005,499	6,740,672,473	0					
RS-ES	2,373	2,355	3,232,878	3,232,878									2,733,212	499,666	0	3,232,878	0					
RS-TOD	415	411	493,551	493,551									448,116	45,435	0	493,551	0					
GS-1 Metered	824,274	821,629	372,316,763	372,316,763									344,315,780	25,337,727	535,519	372,316,763	0					
GS-1 Unmetered	7,685	7,690	1,844,617	1,844,617									1,691,944	122,577	30,096	1,844,617	0					
GS-1-ES	35	35	20,223	20,223	4,267	15,955							19,830	393	0	20,223	0					
GS-2-Sec	342,009	341,198	2,778,789,714	2,778,789,714			10,444,235	10,602,582	788	284,289			575,418,571	1,121,739,909	1,072,084,241	2,766,647,769	12,141,945			9,104	314	
GS-2-AF	4,564	4,556	7,631,139	7,631,139									3,660,390	3,613,943	324,608	7,631,139	0					
GS-2-ES	34	34	72,160	72,160	34,987	37,173							51,829	20,331	0	72,160	0					
GS-2-TOD	4,308	4,289	17,976,645	17,976,645	7,392,117	10,482,969							5,562,743	7,581,194	4,815,199	17,976,645	0					
GS-2-Pri	4,209	4,199	524,623,980	524,623,980			1,737,495	1,818,078	7,733	123,798			8,301,078	44,243,691	471,337,705	470,950,462	53,673,518			57,450	3,332	
GS-2-Sub	493	492	287,586,467	287,586,467			933,368	994,502	10,538	56,146			959,058	6,062,981	238,655,896	179,838,675	107,747,792					
GS-2-Tran	15	14	23,290,546	23,290,546			82,032	90,720	0	8,638			25,464	165,518	14,603,281	12,004,637	11,285,909					
GS-3-Sec	59,946	59,821	2,374,004,852	2,373,819,575			5,260,946	5,285,059	1,006	100,361			117,717,478	578,144,981	1,670,570,809	2,348,856,857	25,147,995					
GS-3-Pri	4,217	4,217	2,565,825,972	2,566,408,642			5,167,094	5,237,294	1,273	142,164			8,638,143	54,242,744	2,494,896,383	1,699,746,996	866,078,976					
GS-3-Sub	880	878	1,119,364,579	1,120,783,583			2,509,709	2,418,595	145,477	90,714			1,811,944	11,471,437	1,045,900,916	472,092,734	647,271,845					
GS-3-Tran	69	69	56,458,206	56,938,541			91,284	189,589	1,681	1,531			69,368	443,486	55,945,351	18,074,348	38,383,858					
GS-4-Pri	42	42	224,364,192	224,364,192			403,972	420,758	950		211,654	24,813	6,343	41,231	11,631,847	37,658,533	186,705,659					
GS-4-Sub	388	388	3,075,797,105	3,079,505,757			7,261,540	7,485,453	87,969		3,116,206	505,257	326,265	2,120,722	739,106,797	330,604,335	2,745,192,770		3,538,025	1,026,423,225		
GS-4-Tran	146	145	3,788,998,798	3,788,998,798			7,759,982	7,648,811	231,808		2,695,578	63,697	1,584,332	1,029,808	507,722,646	128,735,310	3,660,263,488		6,075,851	3,025,820,545		
EHG	4,315	4,315	14,189,396	14,189,396			75,397	13,627					5,987,083	7,434,694	416,445	14,189,396	0					
EHS	12	12	427,640	427,640									24,325	158,109	245,206	427,640	0					
SS	1,428	1,428	28,246,818	28,246,818									2,609,756	11,235,458	14,401,604	28,246,818	0					
Flood Pumps	298	298	724,360	724,360									340,791	311,204	13,004	724,360	0					
OL			57,286,420																			
SL	12,025	5,810	58,798,151																			
Total	17,850,513		43,320,852,285																			

MS01 Data	Billing Units			Revenue		
	\$12	\$43 Manual	\$24	\$12	\$43 Manual	\$24
	Cell	Meter	AMI	Cell	Meter	AMI
	Phone	Reading	Opt Out	Phone	Reading	Opt Out
RS	-	12	12	-	516	288
GS1	12	24	-	144	1,032	-
GS2 SEC	2,046	1,922	-	24,557	82,646	-
GS3 SEC	1,500	2,744	-	18,000	117,974	-
GS2 AF	36	36	-	432	1,548	-
GS2 PRI	624	324	-	7,488	13,932	-
GS3 PRI	360	792	-	4,320	34,056	-
GS2 SUB	48	12	-	576	516	-
GS3 SUB	72	12	-	864	516	-
GS4 PRI	-	-	-	-	-	-
GS4 SUB	12	-	-	144	-	-
GS4 TRAN	24	-	-	288	-	-
EHS	-	12	-	-	516	-
SS	36	12	-	432	516	-
OL/AL	-	48	-	-	2,064	-
Total	4,770	5,950	12	57,245	255,832	288

Outdoor/Area Lighting Billing Units Input Panel

	# of lamps	# of Customers	Metered/Billing KWh	KWh Tax Rider Block 1	KWh Tax Rider Block 2	KWh Tax Rider Block 3	USF Rider Block 1	USF Rider Block 2
CSP								
CSOH - 090 MV 100	2,101	2,001	90,362					
CSOH - 091 MV 175	20,498	16,707	1,480,678					
CSOH - 092 MV 400	3,472	2,222	557,203					
CSOH - 093 MV 250	96	58	9,429					
CSOH - 094 MV PT 175	1,865	1,217	134,270					
CSOH - 097 MV FE 175	24	24	1,721					
CSOH - 098 MV FE 400	29	17	4,475					
CSOH - 100 HPS 100	126,503	106,848	5,067,659					
CSOH - 101 HPS 150	16,467	11,743	971,988					
CSOH - 102 HPS 200	24,980	12,434	2,100,795					
CSOH - 103 HPS 250	942	488	96,535					
CSOH - 104 HPS 400	28,367	10,370	4,741,673					
CSOH - 106 HP FL 100	13,364	9,444	534,628					
CSOH - 107 HP FL 250	16,831	9,782	1,738,745					
CSOH - 108 HP FL 400	41,155	14,313	6,875,558					
CSOH - 109 HP FL1000	37	24	13,392					
CSOH - 110 HP PT 100	24,829	3,154	993,717					
CSOH - 111 HP PT 150	88,581	6,542	5,224,385					
CSOH - 112 HP FL 200	212	174	17,764					
CSOH - 115 HP FE 100	94	94	3,698					
CSOH - 116 HP FE 150	63	54	3,746					
CSOH - 117 HP FE 200	69	57	5,866					
CSOH - 119 HP FE 400	38	39	6,233					
CSOH - 125 HPFLFE100	236	179	9,406					
CSOH - 126 HPFLFE250	223	183	22,869					
CSOH - 127 HPFLFE400	382	238	63,913					
CSOH - 131 MH FL 250	2,941	1,271	294,092					
CSOH - 132 MH FL 400	16,917	4,972	2,673,267					
CSOH - 133 MH FL1000	601	96	226,734					
CSOH - 134 MH FL1000	101	42	37,802					
CSOH - 136 MHFLFE250	18	18	1,742					
CSOH - 137 MHFLFE400	140	70	22,106					
CSOH - 140 MV 1000	12	12	4,663					
CSOH - 141 HP CO 100	831	94	33,245					
CSOH - 142 HP CO 250	758	149	77,885					
CSOH - 143 HP CO 400	936	166	155,837					
CSOH - 146 MV FL 250	117	106	11,605					
CSOH - 147 MV FL 400	145	107	22,739					
CSOH - 148 MVFL 1000	76	42	28,923					
CSOH - 910 HP FL 200	100	77	8,385					
CSOH - 911 HPS 100	33,371	23,615	1,337,282					
CSOH - 912 HPS 150	4,727	2,648	279,255					
CSOH - 913 HPS 200	10,728	4,626	902,729					
CSOH - 914 HPS 250	613	260	63,240					
CSOH - 915 HPS 400	15,282	5,430	2,561,996					
CSOH - 916 HP FL 100	4,481	2,830	179,470					
CSOH - 917 HP FL 250	7,640	3,836	789,363					
CSOH - 918 HP FL 400	28,871	7,772	4,838,606					
CSOH - 919 HP PT 100	10,845	831	433,992					
CSOH - 920 HP PT 150	37,458	2,105	2,211,227					
CSOH - 921 HP CO 100	655	48	26,259					
CSOH - 922 HP CO 250	612	84	62,924					
CSOH - 923 HP CO 400	666	83	110,999					
CSOH - 924 MH FL 250	1,352	691	135,771					
CSOH - 925 ML FL 400	12,281	2,692	1,943,774					
CSOH - 926 MH FL1000	168	30	63,452					
CSOH - 927 MH FL 1000	12	12	4,437					
CSOH - 931 MV 100	463	414	19,930					
CSOH - 932 MV 175	6,689	5,424	482,036					
CSOH - 933 MV 400	2,491	1,188	393,573					
CSOH - 934 MV PT 175	287	158	20,597					
CSOH - 935 MV PT 250	225	12	21,883					
CSOH - 937 MV 1000	37	12	13,445					
CSOH - 938 MV FL 250	94	57	9,203					
CSOH - 939 MV FL 400	107	95	17,001					
CSOH - 940 MVFL 1000	65	65	25,006					
CSOH - 942 HP FE 150	41	16	2,321					
CSOH - 943 HP FE 200	48	48	3,955					
CSOH - 945 HP FE 400	45	45	7,400					
CSOH - 946 HPFLFE100	27	28	1,118					
CSOH - 947 HPFLFE250	146	79	15,023					
CSOH - 948 HPFLFE400	144	109	23,974					
CSOH - 949 MHFLFE250	17	17	1,720					
CSOH - 950 HPFLFE400	36	24	5,564					
CSOH - 956 OAD OL MV 175-FED	12	12	849					

OP

		<u>Rate</u>	<u>CSP</u>	<u>OP</u>	Query \$	Total \$
OF03	Overhead Spans	0.71	166,563			118,259.73
OF04	Pole and Overhead Span	4.05		214,428		868,433.40
OF10	Underground Circuit Charge	1.05	380,895			399,939.75
OF11	Underground Wire Lateral	0.55		43,741		24,057.55
OF21	Mastarm (by size)				24,862.98	24,862.98
OF22	Additional Pole Riser	3.52	5,244			18,458.88
OF23	Poles (by type)				390,679.30	390,679.30
MS01	Wood Pole	2.19	96			210.24
MS01	OH Span	0.71	156			110.76
MS01	Riser	3.52	24			84.48
MS01	UG Lateral	1.05	1116			1,171.80
						1,846,268.87

Street Lighting Current Billing Units Input Panel

		# of Customers	# of Bills	Metered KWh	Billing kWh	KWh Tax Rider Block 1	KWh Tax Rider Block 2	KWh Tax Rider Block 3	USF Rider Block 1	USF Rider Block 2
CSP	Customer Owned (Metered)									
	CSOH - 088 SL C-OWND	146	146	3,851,947	3,851,947	228,102	578,475	3,045,370	3,851,947	
	CSOH - 901 SL C-OWND	275	273	24,979,547	24,979,547	551,242	2,569,330	21,858,975	23,341,358	1,638,189
	Total CSOH-SL-Metered	421	419	28,831,494	28,831,494	779,344	3,147,805	24,904,345	27,193,305	1,638,189
	Company Owned									
	CSOH - 529 SL TARIFF	1,215	1,215	3,572,393	3,572,393	1,402,524	1,545,902	623,967	3,572,393	
	CSOH - 900 SL TARIFF	895	895	7,673,027	7,673,027	1,523,131	3,728,409	2,421,487	7,673,027	
		2,110	2,110	11,245,420	11,245,420	2,925,655	5,274,311	3,045,454	11,245,420	
	Customer Owned (Metered)									
	OPOH - 522 SLFT CUST	928	926	1,005,601	1,005,601	537,876	433,473	34,252	1,005,601	
OP	OPOH - 901 SLFT CUST	4,885	4,884	6,665,548	6,665,548	4,373,947	2,220,279	71,322	6,665,548	
		5,813	5,810	7,671,149	7,671,149	4,911,823	2,653,752	105,574	7,671,149	
	Company Owned									
	OPOH - 521 SL FT	3,716	3,716	7,850,322	7,850,322	4,111,561	3,133,724	604,014	7,850,322	
	OPOH - 536 SL TIFFIN	9	9	9,074	9,074	9,074			9,074	
	OPOH - 900 SL FT	2,487	2,487	43,267,606	43,267,606	4,233,724	12,709,010	26,324,872	43,267,606	
		6,212	6,212	51,127,002	51,127,002	8,354,359	15,842,734	26,928,886	51,127,002	

Miscellaneous SL Facilities Charges (from BO queries)

December 2019 Actual Facility Charges	\$39,009.65
Annualize (Times 12)	12
Annualized SL Facility Revenue	\$468,115.80

Lamp Data

Watts/Lumens		Type	Rate	Lamps
Receptacle Charge			1.84	3,102
100	High Pressure Sodium		0.66	2,987
100	High Pressure Sodium		2.81	24
100	High Pressure Sodium		3.70	5,359
100	High Pressure Sodium		6.57	179,211
100	High Pressure Sodium		9.43	73
150	High Pressure Sodium		3.86	240
150	High Pressure Sodium		4.95	2,521
150	High Pressure Sodium		7.46	13,047
16000	High Pressure Sodium		3.31	59,504
16000	High Pressure Sodium		5.71	157
16000	High Pressure Sodium		8.13	1,766
16000	High Pressure Sodium		22.63	136
200	High Pressure Sodium		5.59	1,124
200	High Pressure Sodium		9.59	16,284
200	High Pressure Sodium		9.60	216
22000	High Pressure Sodium		3.80	81,506
22000	High Pressure Sodium		6.22	1,247
22000	High Pressure Sodium		8.64	15,562
22000	High Pressure Sodium		9.54	6,801
22000	High Pressure Sodium		23.77	595
250	High Pressure Sodium		8.09	336
250	High Pressure Sodium		10.58	1,112
250	High Pressure Sodium		15.14	71
400	High Pressure Sodium		11.92	4,097
400	High Pressure Sodium		12.98	634
400	High Pressure Sodium		19.34	276
50000	High Pressure Sodium		4.11	7,139
50000	High Pressure Sodium		8.43	83
50000	High Pressure Sodium		8.95	7,413
50000	High Pressure Sodium		9.86	1,454
50000	High Pressure Sodium		24.09	533

<u>Watts/Lumens</u>	<u>Type</u>	<u>Rate</u>	<u>Lamps</u>
9000	High Pressure Sodium	3.25	690,355
9000	High Pressure Sodium	3.26	3,485
9000	High Pressure Sodium	3.39	3,105
9000	High Pressure Sodium	5.66	3,312
9000	High Pressure Sodium	6.77	9,559
9000	High Pressure Sodium	8.09	4,042
9000	High Pressure Sodium	8.31	20,820
9000	High Pressure Sodium	8.98	24,808
9000	High Pressure Sodium	11.07	1,794
9000	High Pressure Sodium	11.61	119
100	Mercury Vapor	6.00	221
11000	Mercury Vapor	4.24	4,390
175	Mercury Vapor	6.89	2,156
20000	Mercury Vapor	4.54	5,572
20000	Mercury Vapor	8.96	1,295
250	Mercury Vapor	2.16	9
400	Mercury Vapor	11.17	1,230
50000	Mercury Vapor	13.08	413
7000	Mercury Vapor	3.67	38,776
7000	Mercury Vapor	7.11	2,727

Billing Determinants

	Bills	1st Block or On-Peak	2nd Block or Off-Peak	Total Billing kWh	<= 10 KW Demand		On-Peak or Billing Demand	Off-Peak Excess Demand	Excess KVA Demand	Excess KVAR Demand	Metered kWh	<2000 Bills
					Sub. Tran < 2000	Over 10 kW Demand						
CSP												
RS-RR	6,433,427	-	-	6,326,518,339			-	-	-	-	6,326,518,339	
RS-RR-1	1,791,234	-	-	731,057,974							731,057,974	
RS-RSDM (010)	15	-	-	87,729			289	-	-	-	87,729	
RS-RLM (019)	601	-	-	2,772,724				-	-	-	2,772,724	
RS-TOD	81	-	-	49,521				-	-	-	49,521	
RS-ES	25	-	-	15,095				-	-	-	15,095	
RS-TOD2	4,812	-	-	3,637,325				-	-	-	3,637,325	
RS-CPP	714	587,622	127,264	714,886				-	-	-	714,886	
GS-1 Metered	653,601	342,141,689		342,141,689				-	-	-	342,141,689	
GS-1 Unmetered	6,861	-	-	16,084,901				-	-	-	16,084,901	
GS-2-Sec	304,403		2,079,934,792	2,079,934,792		7,489,514	7,489,514	570	196,922		2,079,934,792	
GS-2-ES	52	93,255	100,640	193,895				-	-	-	193,895	
GS-2-TOD	196	172,041	452,321	624,362				-	-	-	624,362	
GS-2-Pri	1,210		142,232,881	142,232,881		539,363	539,363	1,659	21,499		142,232,881	
GS-3-Sec	64,765		4,101,783,918	4,101,783,918		9,879,688	9,879,688	27,769	281,133		4,101,983,474	
GS-3-Pri	6,162		2,550,117,968	2,550,117,968		5,268,957	5,268,957	47,265	239,542		2,549,335,470	
GS-4-Tran	474	-	-	2,821,198,166	892,139		5,867,193			249,223	2,808,970,681	86
OL	-	-	-	-			-	-	-	-	51,381,988	
SL	419	-	-	-			-	-	-	-	40,076,914	
OP												
RS	7,171,621	-	-	6,740,672,473			-	-	-	-	6,740,672,473	
RS-ES	2,355	-	-	3,232,878			-	-	-	-	3,232,878	
RS-TOD	411	-	-	493,551			-	-	-	-	493,551	
GS-1 Metered	821,629	372,316,763		372,316,763			-	-	-	-	372,316,763	
GS-1 Unmetered	7,690	-	-	1,844,617			-	-	-	-	1,844,617	
GS-1-ES	35	4,267	15,955	20,223			-	-	-	-	20,223	
GS-2-Sec	341,198		2,778,789,714	2,778,789,714	#####		10,532,779	790	284,289		2,778,789,714	
GS-2-AF	4,556	-	-	7,631,139			-	-	-	-	7,631,139	
GS-2-ES	34	34,987	37,173	72,160			-	-	-	-	72,160	
GS-2-TOD	4,289	7,392,117	10,482,969	17,976,645			-	-	-	-	17,976,645	
GS-2-Pri	4,199		524,623,980	524,623,980		1,817,076	1,817,076	7,733	123,798		524,623,980	
GS-2-Sub	492	-	-	287,586,467	597,573		994,502	10,538		34,934	287,586,467	338
GS-2-Tran	14	-	-	23,290,546	28,000		90,720			3,128	23,290,546	-
GS-3-Sec	59,821		2,373,819,575	2,373,819,575		5,283,029	5,283,029	1,006	100,361		2,374,004,852	
GS-3-Pri	4,217		2,566,408,642	2,566,408,642		4,937,294	4,937,294	1,273	142,164		2,565,825,972	
GS-3-Sub	878	-	-	1,120,783,583	1,195,926		2,418,595	145,477		95,730	1,119,364,579	517
GS-3-Tran	69	-	-	56,938,541	82,200		189,589	1,681		3,488	56,458,206	36
GS-4-Pri	42		224,364,192	224,364,192		401,755	401,755	1,812	15,952		224,364,192	
GS-4-Sub	388	-	-	3,079,505,757	776,000		7,485,453	87,969	-	505,257	3,075,797,105	-
GS-4-Tran	145	-	-	3,788,998,798	290,000		7,648,811	231,808	-	63,697	3,788,998,798	-
EHG	4,315	-	-	14,189,396			13,627	-	-	-	14,189,396	
EHS	12	-	-	427,640			-	-	-	-	427,640	
SS	1,428	-	-	28,246,818			-	-	-	-	28,246,818	
Flood Pumps	298	-	-	724,360			-	-	-	-	724,360	
OL	-	-	-	-			-	-	-	-	57,286,420	
SL	5,810	-	-	-			-	-	-	-	58,798,151	
Total	17,704,998	722,742,741	17,353,291,984	43,132,124,623			70,858,234	567,350	1,405,660	955,457	43,320,852,285	
EHG - Total Demand							75,397					

This data contains inputs for heading information used in multiple schedules

Operating Company	Ohio Power Company
Case Number	Case No. 20-0585-EL-AIR
Test Year End Date	Nov 30, 2020
Date Certain	Dec 31, 2019
Data Actual or Estimated	Data: 1 MOS Actual & 11 MOS Estimated
Type of Filing (Ohio SFR):	Type of Filing: ☒ Original ☐ Updated ☐ Revised

Pages in E-4.1 46

Witness **Witness Responsible: D.M. Roush**

Work Paper Reference **Work Paper Reference No(s):** WPE-4.1a through WPE-4.1n

Footnotes:

The calculation of billing determinants is discussed in Company Witness Roush's rate design testimony.

Current rates are presented in Schedule E-2

Proposed rates are presented in Schedule E-1

Workpaper Headings

WP_H1	Forecast Data
WP_H2	Metered Data (Historic)
WP_H3	Billing Data (Historic)
WP_H4	Test Year Billing Determinants

Date_Prep Date Prepared: June 1, 2020

WP_Source Source: Based on historical data for 1 month ended 12/31/2019 and the forecast data for 11 months ended 11/30/2020.

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in

Case No(s). 20-0585-EL-AIR, 20-0586-EL-ATA, 20-0587-EL-AAM

Summary: Exhibit NEP Exhibits 8 and 9 electronically filed by Mr. Ken Spencer on behalf of Armstrong & Okey, Inc.