

EXHIBIT NO. _____

BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of	)	
Ohio Power Company for an	)	Case No. 20-585-EL-AIR
Increase in Electric Distribution Rates.	)	
In the Matter of the Application of	)	
Ohio Power Company	)	Case No. 20-586-EL-ATA
for Tariff Approval.	)	
In the Matter of the Application of	)	
Ohio Power Company for Approval	)	Case No. 20-587-EL-AAM
to Change Accounting Methods.	)	

DIRECT TESTIMONY OF
DAVID M. ROUSH
IN SUPPORT OF THE JOINT STIPULATION AND RECOMMENDATION
ON BEHALF OF
OHIO POWER COMPANY

Filed: April 9, 2021

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DAVID M. ROUSH

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BEFORE
THE PUBLIC UTILITIES COMMISSION OF OHIO
DIRECT TESTIMONY OF
DAVID M. ROUSH
ON BEHALF OF
OHIO POWER COMPANY

1 **I. PERSONAL DATA**

2 **Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.**

3 A. My name is David M. Roush, and my business address is 1 Riverside Plaza, Columbus,
4 Ohio, 43215.

5 **Q. BY WHOM ARE YOU EMPLOYED AND WHAT IS YOUR POSITION?**

6 A. I am employed by American Electric Power Service Corporation (AEPSC) as Managing
7 Director – Regulated Pricing and Analysis. AEPSC supplies engineering, financing,
8 accounting, planning, advisory, and other services to the subsidiaries of the American
9 Electric Power (AEP) system, one of which is Ohio Power Company (AEP Ohio or
10 Company).

11 **Q. WOULD YOU PLEASE DESCRIBE YOUR EDUCATIONAL AND**
12 **PROFESSIONAL BACKGROUND?**

13 A. I graduated from The Ohio State University (OSU) in 1989 with a Bachelor of Science
14 degree in mathematics and a computer and information science minor. In 1999, I earned a
15 Master of Business Administration degree from The University of Dayton. I have
16 completed both the EEI Electric Rate Fundamentals and Advanced Courses. In 2003, I
17 completed the AEP/OSU Strategic Leadership Program. In 1989, I joined AEPSC as a
18 Rate Assistant. Since that time, I have progressed through various positions and was

1 promoted to my current position of Managing Director – Regulated Pricing and Analysis
2 in April 2019.

3 **Q. WHAT ARE YOUR RESPONSIBILITIES AS MANAGING DIRECTOR –**
4 **REGULATED PRICING AND ANALYSIS?**

5 A. My responsibilities include the oversight of the preparation of cost of service and rate
6 design analysis for the AEP System operating companies and oversight of the preparation
7 of special customer contracts and pricing.

8 **Q. HAVE YOU PREVIOUSLY SUBMITTED TESTIMONY IN ANY REGULATORY**
9 **PROCEEDINGS?**

10 A. Yes. I have testified in several rate cases and other proceedings before the Public Utilities
11 Commission of Ohio (Commission), the Indiana Utility Regulatory Commission, the
12 Public Service Commission of Kentucky, the Michigan Public Service Commission, and
13 the Public Service Commission of West Virginia. Before the Commission, I have testified
14 in a number of cases, including Case Nos. 11-351-EL-AIR and 11-352-EL-AIR.

15 **II. PURPOSE OF TESTIMONY**

16 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY IN SUPPORT OF THE JOINT**
17 **STIPULATION AND RECOMMENDATION IN THIS PROCEEDING?**

18 A. The purpose of my testimony is to discuss certain features of the Joint Stipulation and
19 Recommendation filed on March 12, 2021, and corrected on April 7, 2021 (Stipulation).
20 The Stipulation includes numerous provisions and taken as a whole resolves all matters
21 raised in these proceedings. Specifically, I describe the allocation of the revenue
22 requirement, discuss certain modifications to the Company's tariffs, and explain the design
23 of the Company's rates and certain riders as agreed to in the Stipulation.

1 **Q. ARE YOU SPONSORING ANY EXHIBITS?**

2 A. Yes, I am sponsoring Exhibit DMR-S1 – Revised Schedule E-4 and Exhibit DMR-S2 –
3 Revised Schedule E-5, which reflect the changes resulting from the Stipulation to the
4 Schedules E-4 and E-5 originally filed with the Company’s application (Application).

5 **III. RATE BASE, OPERATING INCOME, RATE OF RETURN, AND REVENUE**
6 **REQUIREMENT**

7 **Q. PLEASE EXPLAIN SECTION III.B.1 OF THE STIPULATION.**

8 A. Section III.B.1 of the Stipulation describes the agreed upon rate base, rate of return, and
9 revenue requirement presented in updated Schedules A-1, B-1, and C-1 attached to the
10 Stipulation. These Stipulated Schedules have been modified from the Application to reflect
11 the terms agreed upon in the Stipulation. I am sponsoring the schedules as they relate to
12 both the Application and the Stipulation. Company witness Moore is sponsoring the
13 specific Stipulation adjustments as reflected in Section III.B.1 a through e, and III.B.2
14 through III.B.5. Company witness McKenzie also supports the reasonableness of the return
15 on equity agreed to in Section III.B.1.e of the Stipulation.

16 **IV. RATES AND TARIFFS**

17 **Q. PLEASE EXPLAIN SECTION III.E.2 OF THE STIPULATION.**

18 A. The Signatory Parties to the Stipulation agree that the Retail Reconciliation Rider and the
19 Standard Service Offer (SSO) Credit Rider will remain at zero based on the Staff Report’s
20 recommendation. As with many other issues and items in this proceeding, various parties
21 to this proceeding have different perspectives on the potential quantification and allocation
22 of costs between SSO and shopping customers. Consistent with the Commission’s Order
23 in Case No. 16-1852-EL-SSO, et al., the Company in its Application prepared a

quantitative and qualitative analysis of its costs related to the provision of SSO service that are included in its distribution cost of service and the costs related to shopping service that are included in the distribution cost of service. Staff and a number of intervenors did not concur with the Company's proposal and Staff maintained in its report that "SSO is a default service, available to all customers and required by the electric distribution companies to provide" (Report at 31). One conceptual underpinning of that position is that SSO service is available to all customers and SSO-related costs should be viewed as universal. The Stipulation's continuation of the Riders at zero is reasonable.

Q. PLEASE EXPLAIN SECTION III.E.3.

A. As a compromise in this case, the residential customer charge will be set at \$10.00 per month.

Q. WHY IS IT REASONABLE TO ESTABLISH A \$10 MONTHLY CUSTOMER CHARGE?

A. There are significant fixed costs that are included in a volumetric charge for residential customers. The Stipulation gradually improves the collection of fixed costs through a fixed charge and the alignment between cost causation and cost collection. The customer charge agreed to by the parties is a step in the right direction while still producing reasonable results for all residential customers.

Q. PLEASE FURTHER EXPLAIN THE SIGNATORY PARTIES' AGREEMENT REGARDING TERMINATION OF THE PILOT THROUGHPUT BALANCING ADJUSTMENT RIDER (PTBAR).

A. In Section III.E.4 of the Stipulation, the Company agrees to terminate the PTBAR effective upon the date new rates become effective in this case, subject to final reconciliation. The

1 current PTBAR will continue to collect or refund the final true up of the period up to the
2 effective date in this case. For 2021, the Company agrees to waive any reconciliation
3 charge if that charge exceeds \$12 million for the period from February 2021 to the effective
4 date of rates established in this case. All amounts booked in January 2021 and for prior
5 periods will be fully reconciled.

6 **Q. PLEASE EXPLAIN SECTION III.E.18 OF THE STIPULATION.**

7 A. The Company agrees to implement a pilot Distributed Generation (DG) tariff. Total
8 participation in the tariff will be limited to 50 MW. The pilot tariff provides a demand
9 charge to the participants based on their six coincident peaks (6CP). The pilot encourages
10 customers owning distributed generation to operate the system during the summer and
11 winter peaks. This is accomplished by billing them based on their demands during the
12 summer and winter peaks.

13 **Q. PLEASE EXPLAIN SECTION III.E.21 OF THE STIPULATION.**

14 A. Certain Ohio Hospital Association (OHA) members are paying Alternate Feed Service
15 (AFS) fees, while other members are currently on grandfathered status and not paying AFS
16 fees. The AFS fees for OHA members that are currently on grandfathered status will
17 continue to be waived subject to the termination provision in Section III.E.21 in the
18 Stipulation. AFS fees that certain OHA members are currently paying will also be waived
19 for the same period upon Commission approval of the Stipulation. If, at any time,
20 additional investment is needed on the alternative feed circuit serving an OHA member
21 hospital due to an increase in load or other activity caused by the hospital, the OHA
22 member hospital will begin paying the AFS rate for hospitals upon completion of such
23 additional investment. This provision aligns the treatment of all OHA member hospitals.

1 **V. RATE DESIGN AND EXHIBITS**

2 **Q. PLEASE DESCRIBE SECTION III.F.1 OF THE STIPULATION.**

3 A. This section provides the agreed upon allocations of the overall revenue requirement to
4 each of the classes. The overall revenue requirement will be allocated 56.77% to the
5 residential class, 3.38% to the non-demand metered general service class, 26.52% to the
6 secondary demand metered general service class, 9.73% to the primary demand metered
7 general service class, 0.75% to the sub/transmission general service class, and 2.85% to the
8 lighting class. This allocation, in combination with the mitigation rates agreed to, provides
9 a reasonable transition to the combined rate zones for all classes.

10 **Q. PLEASE DESCRIBE SECTION III.F.2 AND III.F.3 OF THE STIPULATION.**

11 A. In order to mitigate the potential for bill impacts for certain customer classes associated
12 with the combination of the rate zones, the Signatory Parties agree to implement a stepped
13 approach for the primary voltage demand rates as well as the non-demand metered energy
14 rates. For the primary voltage customers, the Ohio Power rate zone demand charge will be
15 \$6.72 in Year 1, \$6.59 in Year 2, \$6.46 in Year 3, and \$6.33 in Year 4. For the Columbus
16 Southern Power rate zone, the primary demand charge will be \$5.85 in Year 1, \$6.01 in
17 Year 2, \$6.17 in Year 3, and \$6.33 in Year 4. For the Ohio Power rate zone general service
18 non-demand metered tariff, the energy charge will be \$0.0138367 for Year 1, \$0.0160846
19 for Year 2, \$0.0183324 for Year 3, and \$0.0205802 for Year 4. For the Columbus Southern
20 Power rate zone general service non-demand metered tariff, the energy charge will be
21 \$0.0279184 for Year 1, \$0.0254723 for Year 2, \$0.0230262 for Year 3, and \$0.0205802
22 for Year 4. These mitigation rates provide a reasonable transition to the combined rate
23 zone.

1 **Q. PLEASE DESCRIBE SECTION III.F.6 AND III.F.7 OF THE STIPULATION.**

2 A. Under Section III.F.6, the Company's proposal to merge the general service schedules and
3 associated rate design will not be implemented. Instead, the current non-demand metered
4 schedule GS-1 will continue as a general service non-demand metered schedule that
5 includes a customer charge and per kWh charge. The general service demand metered
6 tariffs will continue with the current design of a customer charge and per kW charge.
7 Section III.F.7 of the Stipulation provides that the sub/transmission voltage general service
8 schedules will be modified to include a customer charge of \$825.00 per month for
9 customers using less than 2,000 kW, and a customer charge of \$3,600.00 per month for
10 general service customers using 2,000 kW and over. This approach minimizes the potential
11 for bill impacts for smaller high voltage customers, particularly in the Ohio Power rate
12 zone.

13 **Q. HAVE YOU SUMMARIZED THE RESULTS OF THE CHANGES TO RATES**
14 **UNDER THE STIPULATION?**

15 A. Yes, Exhibit DMR-S1 – Revised Schedule E-4 summarizes the changes resulting from the
16 stipulation in the same format and manner as Schedule E-4 originally filed with the
17 Company's Application. The current annualized revenue shown on page 2 of Exhibit
18 DMR-S1 is identical to the Application, whereas the proposed annualized revenue shown
19 on page 1 of Exhibit DMR-S1 reflects the changes resulting from the Stipulation, including
20 the first year mitigation rates.

21 Exhibit DMR-S2 – Revised Schedule E-5 similarly reflects the changes resulting
22 from the stipulation in the same format and manner as Schedule E-5 originally filed with
23 the Application. The current total bills are identical to the Application, whereas the

1 proposed total bills reflect the changes resulting from the Stipulation, including the first
2 year mitigation rates. It is important to note that the Stipulation provisions regarding
3 ongoing changes in the Distribution Investment Rider and Enhanced Service Reliability
4 Rider are addressed by Company witness Moore and not included in either of these
5 Exhibits.

6 Exhibits DMR-S1 and DMR-S2 demonstrate that the Stipulation provisions result
7 in reasonable rates that continue to reflect the principles of cost causation while avoiding
8 undue customer bill impacts.

9 **Q. DOES THIS CONCLUDE YOUR TESTIMONY?**

10 A. Yes.

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

Exhibit DMR-S1
Page 1 of 2

Line No.	Rate Code (A)	Class/ Descript. (B)	Proposed Annualized					Proposed Revenue Total (H)
			Customer Bills (C)	Metered Sales kWh (D)	Proposed Rate (E)	Proposed Revenue (F)	% of Revenue to Total Revenue (G)	
1	RS	Residential Service	15,396,282	13,798,248,786	4.61	\$635,485,391	54.88%	\$635,485,391
2	RS - TOU	Residential Time Of Day Service	8,999	10,915,980	4.15	\$452,822	0.04%	\$452,822
3	RS - RSDM	Residential Demand Meter	15	87,729	2.24	\$1,961	0.00%	\$1,961
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	\$1,157,931,752	100.00%	\$1,157,931,752
25		Misc. Service Revenues						
26		Total						

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

Exhibit DMR-S1
Page 2 of 2

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%	(\$46,067,614)	-6.76%	-6.76%
2	RS - TOU	Residential Time Of Day Service	8,999	10,915,980	4.65	\$507,571	0.04%	(\$54,749)	-10.79%	-10.79%
3	RS - RSDM	Residential Demand Meter	15	87,729	2.57	\$2,256	0.00%	(\$295)	-13.08%	-13.08%
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%	(\$64,171,338)	-5.25%	-5.25%
25		Misc. Service Revenues						\$0		
26		Total						(\$64,171,338)	-5.25%	-5.25%

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											
2	OP RS		0	13.02	12.63	(0.39)	-3.03%	-	13.02	12.63	-3.03%
3			30	15.07	14.59	(0.48)	-3.19%	1.21	16.28	15.80	-2.95%
4			70	17.81	17.21	(0.60)	-3.35%	2.82	20.63	20.03	-2.89%
5			120	21.23	20.49	(0.74)	-3.49%	4.83	26.06	25.32	-2.85%
6			200	26.70	25.73	(0.97)	-3.65%	8.05	34.75	33.78	-2.80%
7			300	33.54	32.28	(1.26)	-3.77%	12.08	45.62	44.35	-2.77%
8			500	47.22	45.38	(1.84)	-3.90%	20.13	67.35	65.51	-2.74%
9			800	67.74	65.03	(2.71)	-4.01%	32.21	99.95	97.24	-2.71%
10			1,000	81.42	78.13	(3.29)	-4.04%	40.26	121.68	118.39	-2.71%
11			1,200	95.10	91.23	(3.87)	-4.07%	48.31	143.41	139.54	-2.70%
12			1,500	115.62	110.88	(4.74)	-4.10%	60.39	176.01	171.27	-2.69%
13			2,000	149.82	143.63	(6.19)	-4.13%	80.52	230.34	224.15	-2.69%
14			4,000	285.70	273.71	(11.99)	-4.20%	161.04	446.74	434.75	-2.68%
15			5,000	353.64	338.75	(14.89)	-4.21%	201.30	554.94	540.05	-2.68%
16			8,000	557.46	533.87	(23.59)	-4.23%	322.08	879.54	855.95	-2.68%
17			10,000	693.34	663.95	(29.38)	-4.24%	402.60	1,095.94	1,066.55	-2.68%
18			12,000	829.21	794.03	(35.18)	-4.24%	483.12	1,312.33	1,277.15	-2.68%
19			15,000	1,033.03	989.15	(43.88)	-4.25%	603.90	1,636.93	1,593.05	-2.68%
20											
21	OP RS-TOD										
22	On - Peak	25%	1,000	82.03	77.55	(4.49)	-5.47%	40.26	122.29	117.81	-3.67%
23	Off-Peak	75%	2,000	149.85	142.47	(7.39)	-4.93%	80.52	230.37	222.99	-3.21%
24			3,000	217.21	206.93	(10.28)	-4.73%	120.79	337.99	327.71	-3.04%
25			4,000	284.57	271.39	(13.18)	-4.63%	161.04	445.61	432.43	-2.96%
26			5,000	351.93	335.85	(16.08)	-4.57%	201.30	553.23	537.15	-2.91%
27			6,000	419.29	400.31	(18.98)	-4.53%	241.56	660.85	641.87	-2.87%
28			7,000	486.65	464.77	(21.88)	-4.50%	281.82	768.47	746.59	-2.85%
29			8,000	554.01	529.23	(24.78)	-4.47%	322.08	876.09	851.31	-2.83%

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 RS-TOD										
2	On - Peak	30%	1,000	82.83	78.35	(4.49)	-5.42%	40.26	123.09	118.61	-3.64%
3	Off-Peak	70%	2,000	151.45	144.07	(7.39)	-4.88%	80.52	231.97	224.59	-3.18%
4			3,000	219.61	209.33	(10.28)	-4.68%	120.78	340.39	330.11	-3.02%
5			4,000	287.77	274.59	(13.18)	-4.58%	161.04	448.81	435.63	-2.94%
6			5,000	355.93	339.85	(16.08)	-4.52%	201.30	557.23	541.15	-2.89%
7			6,000	424.09	405.11	(18.98)	-4.46%	241.56	665.65	646.67	-2.85%
8			7,000	492.25	470.37	(21.88)	-4.44%	281.82	774.07	752.19	-2.83%
9			8,000	560.41	535.63	(24.78)	-4.42%	322.08	882.49	857.71	-2.81%
10	OP RS-TOD										
11	On - Peak	35%	1,000	83.63	79.15	(4.49)	-5.36%	40.26	123.89	119.41	-3.62%
12	Off-Peak	65%	2,000	153.05	145.67	(7.39)	-4.83%	80.52	233.57	226.19	-3.16%
13			3,000	222.01	211.73	(10.28)	-4.63%	120.78	342.79	332.51	-3.00%
14			4,000	290.97	277.79	(13.18)	-4.53%	161.04	452.01	438.83	-2.92%
15			5,000	359.93	343.84	(16.08)	-4.47%	201.30	561.23	545.14	-2.87%
16			6,000	428.89	409.90	(18.98)	-4.43%	241.56	670.45	651.46	-2.83%
17			7,000	497.84	475.96	(21.88)	-4.39%	281.82	779.66	757.78	-2.81%
18			8,000	566.80	542.02	(24.78)	-4.37%	322.08	888.88	864.10	-2.79%
19											
20	OP RS-ES										
21	On - Peak	15%	1,000	80.43	75.95	(4.49)	-5.58%	40.26	120.69	116.21	-3.72%
22	Off-Peak	85%	2,000	146.65	139.27	(7.39)	-5.04%	80.52	227.17	219.79	-3.25%
23			3,000	212.41	202.13	(10.28)	-4.84%	120.78	333.19	322.91	-3.09%
24			4,000	278.17	264.99	(13.18)	-4.74%	161.04	439.21	426.03	-3.00%
25			5,000	343.93	327.85	(16.08)	-4.68%	201.30	545.23	529.15	-2.95%
26			6,000	409.69	390.71	(18.98)	-4.63%	241.56	651.25	632.27	-2.91%
27			7,000	475.45	453.57	(21.88)	-4.60%	281.82	757.27	735.39	-2.89%
28			8,000	541.21	516.43	(24.78)	-4.58%	322.08	863.29	838.51	-2.87%

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 RS-ES										
2	On - Peak	20%	1,000	81.23	76.75	(4.49)	-5.52%	40.26	121.49	117.01	-3.69%
3	Off-Peak	80%	2,000	148.25	140.87	(7.39)	-4.98%	80.52	228.77	221.39	-3.23%
4			3,000	214.81	204.53	(10.28)	-4.79%	120.78	335.59	325.31	-3.06%
5			4,000	281.37	268.19	(13.18)	-4.69%	161.04	442.41	429.23	-2.98%
6			5,000	347.93	331.85	(16.08)	-4.62%	201.30	549.23	533.15	-2.93%
7			6,000	414.49	395.51	(18.98)	-4.58%	241.56	656.05	637.07	-2.89%
8			7,000	481.05	459.17	(21.88)	-4.55%	281.82	762.87	740.99	-2.87%
9			8,000	547.61	522.83	(24.78)	-4.52%	322.08	869.69	844.91	-2.85%
10	OP RS-ES										
11	On - Peak	25%	1,000	82.03	77.55	(4.49)	-5.47%	40.26	122.29	117.81	-3.67%
12	Off-Peak	75%	2,000	149.85	142.47	(7.39)	-4.93%	80.52	230.37	222.99	-3.21%
13			3,000	217.21	206.93	(10.28)	-4.73%	120.78	337.99	327.71	-3.04%
14			4,000	284.57	271.39	(13.18)	-4.63%	161.04	445.61	432.43	-2.96%
15			5,000	351.93	335.85	(16.08)	-4.57%	201.30	553.23	537.15	-2.91%
16			6,000	419.29	400.31	(18.98)	-4.53%	241.56	660.85	641.87	-2.87%
17			7,000	486.65	464.77	(21.88)	-4.50%	281.82	768.47	746.59	-2.85%
18			8,000	554.01	529.23	(24.78)	-4.47%	322.08	876.09	851.31	-2.83%
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%

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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 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%

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	Secondary										
3		10	1,000	169.94	148.07	(21.86)	-12.87%	40.26	210.20	188.33	-10.40%
4		10	2,000	191.20	169.27	(21.93)	-11.47%	80.52	271.72	249.79	-8.07%
5		10	3,000	212.00	190.01	(21.99)	-10.37%	120.78	332.78	310.79	-6.61%
6		25	2,500	361.02	341.60	(19.43)	-5.38%	100.65	461.67	442.25	-4.21%
7		25	5,000	413.03	393.44	(19.59)	-4.74%	201.30	614.33	594.74	-3.19%
8		25	7,500	465.03	445.29	(19.74)	-4.25%	301.95	766.98	747.24	-2.57%
9		50	5,000	678.73	663.37	(15.36)	-2.26%	201.30	880.03	864.67	-1.75%
10		50	10,000	782.74	767.06	(15.68)	-2.00%	402.60	1,185.34	1,169.66	-1.32%
11		50	15,000	886.75	870.75	(16.00)	-1.80%	603.90	1,490.65	1,474.65	-1.07%
12		75	7,500	996.44	985.14	(11.30)	-1.13%	301.95	1,298.39	1,287.09	-0.87%
13		75	15,000	1,152.45	1,140.68	(11.77)	-1.02%	603.90	1,756.35	1,744.58	-0.67%
14		75	22,500	1,304.26	1,292.01	(12.25)	-0.94%	905.85	2,210.11	2,197.86	-0.55%
15		100	10,000	1,314.15	1,306.91	(7.24)	-0.55%	402.60	1,716.75	1,709.51	-0.42%
16		100	20,000	1,519.36	1,511.49	(7.87)	-0.52%	805.20	2,324.56	2,316.69	-0.34%
17		100	30,000	1,721.78	1,713.27	(8.50)	-0.49%	1,207.80	2,929.58	2,921.07	-0.29%
18		200	20,000	2,582.19	2,591.20	9.02	0.35%	805.20	3,387.39	3,396.40	0.27%
19		200	40,000	2,987.01	2,994.76	7.75	0.26%	1,610.40	4,597.41	4,605.16	0.17%
20		200	60,000	3,391.84	3,398.32	6.48	0.19%	2,415.60	5,807.44	5,813.92	0.11%
21		500	50,000	6,377.90	6,435.67	57.78	0.91%	2,013.00	8,390.90	8,448.67	0.69%
22		500	100,000	7,389.96	7,444.57	54.61	0.74%	4,026.00	11,415.96	11,470.57	0.48%
23		500	150,000	8,402.03	8,453.47	51.45	0.61%	6,039.00	14,441.03	14,492.47	0.36%
24		1,000	100,000	12,704.08	12,843.12	139.04	1.09%	4,026.00	16,730.08	16,869.12	0.83%
25		1,000	200,000	14,728.21	14,860.92	132.71	0.90%	8,052.00	22,780.21	22,912.92	0.58%
26		1,000	300,000	16,752.34	16,878.72	126.38	0.75%	12,078.00	28,830.34	28,956.72	0.44%
27		3,000	300,000	38,008.80	38,472.90	464.11	1.22%	12,078.00	50,086.80	50,550.90	0.93%
28		3,000	600,000	44,081.19	44,526.30	445.12	1.01%	24,156.00	68,237.19	68,682.30	0.65%
29		3,000	900,000	49,997.99	50,424.12	426.13	0.85%	36,234.00	86,231.99	86,658.12	0.49%
30		7,000	700,000	88,618.24	89,732.47	1,114.23	1.26%	28,182.00	116,800.24	117,914.47	0.95%
31		7,000	1,400,000	101,470.46	102,540.39	1,069.92	1.05%	56,364.00	157,834.46	158,904.39	0.68%
32		7,000	2,100,000	114,013.83	115,039.45	1,025.61	0.90%	84,546.00	198,559.83	199,585.45	0.52%

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

[illegible]

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										
3		10	3,500	222.40	200.38	(22.02)	-9.90%	140.91	363.31	341.29	-6.06%
4		10	4,500	243.20	221.12	(22.09)	-9.08%	181.17	424.37	402.29	-5.20%
5		10	5,500	264.01	241.86	(22.15)	-8.39%	221.43	485.44	463.29	-4.56%
6		25	8,750	491.03	471.21	(19.82)	-4.04%	352.28	843.31	823.49	-2.35%
7		25	11,250	543.04	523.06	(19.98)	-3.68%	452.93	995.96	975.98	-2.01%
8		25	13,750	595.04	574.90	(20.14)	-3.38%	553.58	1,148.61	1,128.48	-1.75%
9		50	17,500	937.35	921.20	(16.15)	-1.72%	704.55	1,641.90	1,625.75	-0.98%
10		50	22,500	1,038.56	1,022.09	(16.47)	-1.59%	905.85	1,944.41	1,927.94	-0.85%
11		50	27,500	1,139.76	1,122.98	(16.79)	-1.47%	1,107.15	2,246.91	2,230.13	-0.75%
12		75	26,250	1,380.17	1,367.68	(12.49)	-0.90%	1,056.83	2,436.99	2,424.51	-0.51%
13		75	33,750	1,531.98	1,519.02	(12.96)	-0.85%	1,358.78	2,890.75	2,877.79	-0.45%
14		75	41,250	1,683.79	1,670.35	(13.44)	-0.80%	1,660.73	3,344.51	3,331.08	-0.40%
15		100	35,000	1,822.98	1,814.16	(8.82)	-0.48%	1,409.10	3,232.08	3,223.26	-0.27%
16		100	45,000	2,025.40	2,015.94	(9.45)	-0.47%	1,811.70	3,837.10	3,827.64	-0.25%
17		100	55,000	2,227.81	2,217.72	(10.09)	-0.45%	2,214.30	4,442.11	4,432.02	-0.23%
18		200	70,000	3,594.25	3,600.10	5.85	0.16%	2,818.20	6,412.45	6,418.30	0.09%
19		200	90,000	3,999.08	4,003.66	4.59	0.11%	3,623.40	7,622.48	7,627.06	0.06%
20		200	110,000	4,403.90	4,407.22	3.32	0.08%	4,428.60	8,832.50	8,835.82	0.04%
21		500	175,000	8,908.06	8,957.92	49.86	0.56%	7,045.50	15,953.56	16,003.42	0.31%
22		500	225,000	9,920.12	9,966.82	46.70	0.47%	9,058.50	18,978.62	19,025.32	0.25%
23		500	275,000	10,932.19	10,975.72	43.53	0.40%	11,071.50	22,003.69	22,047.22	0.20%
24		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%
25		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%
26		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%
27		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%
28		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%
29		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%
30		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%
31		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%
32		7,000	3,850,000	145,372.26	146,287.10	914.84	0.63%	155,001.00	300,373.26	301,288.10	0.30%

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										
2	GS-3										
3	Primary	10	3,500	326.88	331.06	4.18	1.28%	136.01	462.89	467.07	0.90%
4		10	4,500	347.40	351.52	4.12	1.19%	174.87	522.27	526.39	0.79%
5		10	5,500	367.92	371.98	4.05	1.10%	213.73	581.65	585.71	0.70%
6		25	8,750	595.30	606.01	10.71	1.80%	340.03	935.32	946.03	1.14%
7		25	11,250	646.60	657.15	10.55	1.63%	437.18	1,083.77	1,094.32	0.97%
8		25	13,750	697.90	708.29	10.39	1.49%	534.33	1,232.22	1,242.61	0.84%
9		50	17,500	1,041.26	1,062.84	21.59	2.07%	680.05	1,721.31	1,742.89	1.25%
10		50	22,500	1,141.06	1,162.33	21.27	1.86%	874.35	2,015.41	2,036.68	1.06%
11		50	27,500	1,240.86	1,261.81	20.95	1.69%	1,068.65	2,309.51	2,330.46	0.91%
12		75	26,250	1,483.72	1,516.18	32.46	2.19%	1,020.08	2,503.79	2,536.26	1.30%
13		75	33,750	1,633.42	1,665.41	31.99	1.96%	1,311.53	2,944.94	2,976.93	1.09%
14		75	41,250	1,783.12	1,814.63	31.51	1.77%	1,602.98	3,386.09	3,417.61	0.93%
15		100	35,000	1,926.18	1,969.52	43.34	2.25%	1,360.10	3,286.28	3,329.62	1.32%
16		100	45,000	2,125.78	2,168.49	42.71	2.01%	1,748.70	3,874.48	3,917.19	1.10%
17		100	55,000	2,325.38	2,367.46	42.07	1.81%	2,137.30	4,462.68	4,504.76	0.94%
18		200	70,000	3,696.02	3,782.88	86.85	2.35%	2,720.20	6,416.22	6,503.08	1.35%
19		200	90,000	4,095.22	4,180.81	85.58	2.09%	3,497.40	7,592.62	7,678.21	1.13%
20		200	110,000	4,494.42	4,578.74	84.32	1.88%	4,274.60	8,769.02	8,853.34	0.96%
21		500	175,000	9,005.56	9,222.94	217.38	2.41%	6,800.50	15,806.06	16,023.44	1.38%
22		500	225,000	10,003.56	10,217.77	214.22	2.14%	8,743.50	18,747.06	18,961.27	1.14%
23		500	275,000	11,001.56	11,212.61	211.05	1.92%	10,686.50	21,688.06	21,899.11	0.97%
24		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%
25		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%
26		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%
27		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%
28		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%
29		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%
30		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%
31		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%
32		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%

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%
29		7,000	2,450,000	70,148.20	67,293.79	(2,854.40)	-4.07%	93,320.50	163,468.70	160,614.29	-1.75%
30		7,000	3,150,000	79,641.88	76,743.16	(2,898.71)	-3.64%	119,983.50	199,625.38	196,726.66	-1.45%
31		7,000	3,850,000	89,135.56	86,192.53	(2,943.02)	-3.30%	146,646.50	235,782.06	232,839.03	-1.25%

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											
26	Mercury Vapor	Lamp Size									
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
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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		20,000 Lumen	158	16.61	19.26	2.65	15.97%	6.36	22.97	25.62	11.55%
4		50,000 Lumen	378	22.60	25.16	2.55	11.30%	15.22	37.82	40.37	6.76%
5											
6	HPS Floodlight										
7		22,000 Lumen	84	10.36	12.85	2.49	24.03%	3.38	13.74	16.24	18.12%
8		50,000 Lumen	167	12.84	16.72	3.88	30.24%	6.72	19.56	23.44	19.84%
9											
10	MH Floodlight										
11		17,000 Lumen	100	13.00	15.55	2.55	19.58%	4.03	17.03	19.58	14.95%
12		29,000 Lumen	158	13.16	16.03	2.87	21.81%	6.36	19.52	22.39	14.71%
13											
14	Post Top-MV										
15		7,000 Lumen	72	16.04	20.65	4.61	28.77%	2.90	18.94	23.55	24.36%
16											
17	Post Top-HPS										
18		9,000 Lumen	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%

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 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 1998)		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%

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1	CS	R-R / R-R-1									
2			0 kW	13.02	12.63	(0.39)	-3.02%	-	13.02	12.63	-3.02%
3			30 kW	15.07	14.59	(0.48)	-3.20%	1.21	16.28	15.80	-2.96%
4			70 kW	17.80	17.20	(0.60)	-3.36%	2.82	20.62	20.02	-2.90%
5			120 kW	21.21	20.47	(0.74)	-3.49%	4.63	26.04	25.30	-2.85%
6			200 kW	26.67	25.70	(0.97)	-3.65%	8.05	34.72	33.75	-2.80%
7			300 kW	33.50	32.23	(1.27)	-3.78%	12.08	45.58	44.31	-2.78%
8			500 kW	47.15	45.30	(1.85)	-3.92%	20.13	67.28	65.43	-2.75%
9			800 kW	67.62	64.91	(2.71)	-4.01%	32.21	99.83	97.12	-2.72%
10			1,000 kW	81.27	77.98	(3.29)	-4.05%	40.26	121.53	118.24	-2.71%
11			1,200 kW	94.92	91.05	(3.87)	-4.08%	48.31	143.23	139.36	-2.70%
12			1,500 kW	115.40	110.66	(4.74)	-4.11%	60.39	175.79	171.05	-2.70%
13			2,000 kW	149.52	143.33	(6.19)	-4.14%	80.52	230.04	223.85	-2.69%
14			4,000 kW	285.11	273.12	(11.99)	-4.21%	161.04	446.15	434.16	-2.69%
15			5,000 kW	352.90	338.01	(14.89)	-4.22%	201.30	554.20	539.31	-2.69%
16			8,000 kW	556.27	532.69	(23.58)	-4.24%	322.08	878.35	854.77	-2.69%
17			10,000 kW	691.85	662.47	(29.38)	-4.25%	402.60	1,094.45	1,065.07	-2.68%
18											
19	RS										
20	Demand	10	2,500	163.79	154.27	(9.52)	-5.81%	100.65	264.44	254.92	-3.60%
21		10	3,500	205.93	194.75	(11.18)	-5.43%	140.91	346.84	335.66	-3.22%
22		15	3,750	238.71	224.64	(14.07)	-5.89%	150.98	389.69	375.61	-3.61%
23		15	5,250	301.92	285.35	(16.57)	-5.49%	211.37	513.29	496.71	-3.23%
24		20	5,000	313.63	295.00	(18.63)	-5.94%	201.30	514.93	496.30	-3.62%
25		20	7,000	397.91	375.95	(21.96)	-5.52%	281.82	679.73	657.77	-3.23%

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1	CS RLM										
2	Summer	5	500	49.91	47.37	(2.54)	-5.10%	20.13	70.04	67.50	-3.63%
3		5	1,500	121.19	115.74	(5.45)	-4.49%	60.39	181.58	176.13	-3.00%
4		5	2,500	191.69	183.35	(8.34)	-4.35%	100.65	292.34	284.00	-2.85%
5		10	1,000	85.82	81.83	(3.99)	-4.65%	40.26	126.08	122.09	-3.17%
6		10	3,000	226.83	217.04	(9.79)	-4.32%	120.78	347.61	337.82	-2.82%
7		10	5,000	367.38	351.79	(15.59)	-4.24%	201.30	568.68	553.09	-2.74%
8		20	2,000	156.56	149.66	(6.90)	-4.41%	80.52	237.08	230.18	-2.91%
9		20	6,000	437.65	419.16	(18.49)	-4.22%	241.56	679.21	660.72	-2.72%
10		20	10,000	718.75	688.66	(30.09)	-4.19%	402.60	1,121.35	1,091.26	-2.68%
11		30	3,000	226.83	217.04	(9.79)	-4.32%	120.78	347.61	337.82	-2.82%
12		30	9,000	648.48	621.29	(27.19)	-4.19%	362.34	1,010.82	983.63	-2.69%
13		30	15,000	1,070.12	1,025.54	(44.58)	-4.17%	603.90	1,674.02	1,629.44	-2.66%
14		40	4,000	297.10	284.41	(12.69)	-4.27%	161.04	458.14	445.45	-2.77%
15		40	12,000	859.30	823.42	(35.88)	-4.18%	483.12	1,342.42	1,306.54	-2.67%
16		40	20,000	1,418.69	1,359.62	(59.07)	-4.16%	805.20	2,223.89	2,164.82	-2.66%
17		50	5,000	367.38	351.79	(15.59)	-4.24%	201.30	568.68	553.09	-2.74%
18		50	15,000	1,070.12	1,025.54	(44.58)	-4.17%	603.90	1,674.02	1,629.44	-2.66%
19		50	25,000	1,767.27	1,693.70	(73.57)	-4.16%	1,006.50	2,773.77	2,700.20	-2.65%
20											
21	CS RLM										
22	Winter	5	500	49.91	47.37	(2.54)	-5.10%	20.13	70.04	67.50	-3.63%
23		5	1,500	118.02	112.57	(5.45)	-4.62%	60.39	178.41	172.96	-3.05%
24		5	2,500	184.73	176.39	(8.34)	-4.51%	100.65	285.38	277.04	-2.92%
25		10	1,000	84.54	80.55	(3.99)	-4.73%	40.26	124.80	120.81	-3.20%
26		10	3,000	217.98	208.19	(9.79)	-4.49%	120.78	338.76	328.97	-2.89%
27		10	5,000	350.96	335.37	(15.59)	-4.44%	201.30	552.26	536.67	-2.82%
28		20	2,000	151.49	144.60	(6.89)	-4.55%	80.52	232.01	225.12	-2.97%
29		20	6,000	417.45	398.96	(18.49)	-4.43%	241.56	659.01	640.52	-2.81%
30		20	10,000	683.41	653.32	(30.09)	-4.40%	402.60	1,086.01	1,055.92	-2.77%

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1	CS RLM	30	3,000	217.98	208.19	(9.79)	-4.49%	120.78	338.76	328.97	-2.89%
2	Winter	30	9,000	616.92	589.73	(27.19)	-4.41%	362.34	979.26	952.07	-2.78%
3		30	15,000	1,015.86	971.28	(44.58)	-4.39%	603.90	1,619.76	1,575.18	-2.75%
4		40	4,000	284.47	271.78	(12.69)	-4.46%	161.04	445.51	432.82	-2.85%
5		40	12,000	816.39	780.50	(35.89)	-4.40%	483.12	1,299.51	1,263.62	-2.76%
6		40	20,000	1,345.51	1,286.43	(59.08)	-4.39%	805.20	2,150.71	2,091.63	-2.75%
7		50	5,000	350.96	335.37	(15.59)	-4.44%	201.30	552.26	536.67	-2.82%
8		50	15,000	1,015.86	971.28	(44.58)	-4.39%	603.90	1,619.76	1,575.18	-2.75%
9		50	25,000	1,675.15	1,601.58	(73.57)	-4.39%	1,006.50	2,681.65	2,608.08	-2.74%
10											
11	CS RS-ES										
12	On Peak	13%	1,000	79.71	75.22	(4.49)	-5.63%	40.26	119.97	115.48	-3.74%
13	Off Peak	87%	2,000	145.20	137.82	(7.38)	-5.08%	80.52	225.72	218.34	-3.27%
14			3,000	210.24	199.96	(10.28)	-4.89%	120.78	331.02	320.74	-3.11%
15			4,000	275.28	262.09	(13.19)	-4.79%	161.04	436.32	423.13	-3.02%
16			5,000	340.31	324.23	(16.08)	-4.73%	201.30	541.61	525.53	-2.97%
17			6,000	405.35	386.37	(18.98)	-4.68%	241.56	646.91	627.93	-2.93%
18			7,000	470.38	448.50	(21.88)	-4.65%	281.82	752.20	730.32	-2.91%
19			8,000	535.42	510.64	(24.78)	-4.63%	322.08	857.50	832.72	-2.89%
20											
21	CS RS-ES										
22	On Peak	18%	1,000	80.32	75.83	(4.49)	-5.59%	40.26	120.58	116.09	-3.72%
23	Off Peak	82%	2,000	146.42	139.03	(7.39)	-5.05%	80.52	226.94	219.55	-3.26%
24			3,000	212.06	201.77	(10.29)	-4.85%	120.78	332.84	322.55	-3.09%
25			4,000	277.70	264.52	(13.18)	-4.75%	161.04	438.74	425.56	-3.00%
26			5,000	343.34	327.26	(16.08)	-4.68%	201.30	544.64	528.56	-2.95%
27			6,000	408.98	390.00	(18.98)	-4.64%	241.56	650.54	631.56	-2.92%
28			7,000	474.62	452.74	(21.88)	-4.61%	281.82	756.44	734.56	-2.89%
29			8,000	540.27	515.49	(24.78)	-4.59%	322.08	862.35	837.57	-2.87%

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1	CS RS-ES										
2	On Peak	30%	1,000	81.77	77.28	(4.49)	-5.49%	40.26	122.03	117.54	-3.68%
3	Off Peak	70%	2,000	149.33	141.94	(7.39)	-4.95%	80.52	229.85	222.46	-3.22%
4			3,000	216.42	206.14	(10.28)	-4.75%	120.79	337.20	326.92	-3.05%
5			4,000	283.52	270.33	(13.19)	-4.65%	161.04	444.56	431.37	-2.97%
6			5,000	350.61	334.53	(16.08)	-4.59%	201.30	551.91	535.83	-2.91%
7			6,000	417.71	398.73	(18.98)	-4.54%	241.56	659.27	640.29	-2.88%
8			7,000	484.80	462.92	(21.88)	-4.51%	281.82	766.62	744.74	-2.85%
9			8,000	551.90	527.12	(24.78)	-4.49%	322.08	873.98	849.20	-2.84%
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%

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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
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										
2	GS-2										
3	Primary	50	5,000	773.16	765.43	(7.73)	-1.00%	194.30	967.46	959.73	-0.80%
4		50	8,750	850.11	842.14	(7.97)	-0.94%	340.03	1,190.14	1,182.16	-0.67%
5		50	12,500	927.06	918.85	(8.21)	-0.89%	485.75	1,412.81	1,404.60	-0.58%
6		100	10,000	1,369.85	1,383.08	13.23	0.97%	388.60	1,758.45	1,771.68	0.75%
7		100	17,500	1,522.35	1,535.11	12.76	0.84%	680.05	2,202.40	2,215.16	0.58%
8		100	25,000	1,672.05	1,684.33	12.28	0.73%	971.50	2,643.55	2,655.83	0.46%
9		250	25,000	3,154.33	3,230.46	76.13	2.41%	971.50	4,125.83	4,201.96	1.85%
10		250	43,750	3,528.58	3,603.52	74.94	2.12%	1,700.13	5,228.71	5,303.65	1.43%
11		250	62,500	3,902.83	3,976.59	73.76	1.89%	2,428.75	6,331.58	6,405.34	1.16%
12		500	50,000	6,123.80	6,304.75	180.95	2.95%	1,943.00	8,066.80	8,247.75	2.24%
13		500	87,500	6,872.30	7,050.88	178.58	2.60%	3,400.25	10,272.55	10,451.13	1.74%
14		500	125,000	7,620.80	7,797.01	176.21	2.31%	4,857.50	12,478.30	12,654.51	1.41%
15		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%
16		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%
17		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%
18		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%
19		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%
20		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%
21		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%
22		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%
23		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%
24		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%
25		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
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	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%	44,296.00	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
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(Electric and Gas Utilities)

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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											
26		100 WATT	43	10.03	11.54	1.51	15.04%	1.73	11.76	13.27	12.83%
27		175 WATT	72	11.29	12.45	1.16	10.26%	2.90	14.19	15.35	8.16%
28		400 WATT	158	17.52	19.26	1.74	9.95%	6.36	23.88	25.62	7.30%
29		POST TOP 175 WATT	72	19.94	20.65	0.71	3.58%	2.90	22.84	23.55	3.13%
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%

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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%

CERTIFICATE OF SERVICE

In accordance with Rule 4901-1-05, Ohio Administrative Code, the PUCO's e-filing system will electronically serve notice of the filing of this document upon the following parties. In addition, I hereby certify that a service copy of the foregoing *Direct Testimony of David M. Roush* was sent by, or on behalf of, the undersigned counsel to the following parties of record this 9th day of April 2021, via electronic transmission.

/s/ Steven T. Nourse

Steven T. Nourse

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

Summary: Testimony --Direct Testimony of David M. Roush in Support of Joint Stipulation and Recommendation on Behalf of Ohio Power Company electronically filed by Mr. Steven T Nourse on behalf of Ohio Power Company