Large Filing Separator Sheet

Case Number: 11-352-EL-AIR

File Date: 9/15/2011

Section: 2 of 2

Number of Pages: 24

Description of Document: Staff Report

OHIO POWER COMPANY
CASE NOS. 11-351-EL-AIR, et al.
Typical Bills Comparison
Applicant Proposed

Rate Code	Level of Demand	Level of Usage	Current Bill	Proposed Bill	Dollar Increase	% Increase	Annualized Fuel Cost Additions to Bill	Current Total Bill Including Fuel	Proposed Total Bill Including Fuel	% Change
10,000 sq ft	20	2,000	155.28	218.03	62.75	40.41%	58.21	213.49	276.24	29.39%
	20	4,000	272.14	306.45	34.31	12.61%	116.42	388.56	422.87	8.83%
	20	6,000	387.92	393.8	5.87	1.51%	174.63	562.55	568.42	1.04%
	40	5,000	330.03	462.05	132.02	40.00%	145.52	475.56	607.58	27.76%
	40	7,500	474.76	571.24	96.47	20.32%	218.29	693.05	789.52	13.92%
	40	10,000	619.49	680.42	60.92	9.83%	291.05	910.54	971.47	6.69%
20,000 sq ft	50	10,000	622.72	739.61	116.89	18.77%	291.05	913.77	1,030.66	12.79%
	50	15,000	912.19	957.98	45.79	5.02%	436.57	1,348.76	1,394.55	3.40%
	50	20,000	1,198.85	1,173.55	-25.3	-2.11%	582.1	1,780.94	1,755.64	-1.42%
30,000 sq ft	50	10,000	625.95	742.84	116.89	18.67%	291.05	917	1,033.89	12.75%
	50	15,000	915.42	961.21	45.79	5.00%	436.57	1,351.99	1,397.78	3.39%
	50	20,000	1,202.08	1,176.77	-25.3	-2.10%	582.1	1,784.17	1,758.87	-1.42%
	100	20,000	1,202.08	1,456.60	254.53	21.17%	582.1	1,784.17	2,038.70	14.27%
	100	25,000	1,488.74	1,672.17	183.43	12.32%	727.62	2,216.36	2,399.79	8.28%
	100	30,000	1,775.40	1,887.73	112.33	6.33%	873.14	2,648.55	2,760.88	4.24%
50,000 sq ft	100	15,000	921.87	1,247.50	325.62	35.32%	436.57	1,358.45	1,684.07	23.97%
	100	30,000	1,781.86	1,894.19	112.33	6.30%	873.14	2,655.00	2,767.34	4.23%
	200	40,000	2,355.18	2,884.98	529.79	22.49%	1,164.19	3,519.38	4,049.17	15.05%
	200	60,000	3,501.83	3,747.24	245.41	7.01%	1,746.29	5,248.12	5,493.53	4.68%
	300	60,000	3,501.83	4,306.90	805.06	22.99%	1,746.29	5,248.12	6,053.19	15.34%
	300	80,000	4,648.48	5,169.16	520.68	11.20%	2,328.38	6,976.87	7,497.54	7.46%
SS										
100,000 sq ft	250	60,000	3,517.98	4,043.22	525.24	14.93%	1,746.29	5,264.27	5,789.50	9.98%
	250	80,000	4,664.63	4,905.48	240.85	5.16%	2,328.38	6,993.01	7,233.86	3.44%
	400	80,000	4,664.63	5,744.96	1,080.33	23.16%	2,328.38	6,993.01	8,073.35	15.45%
	400	120,000	6,957.93	7,469.49	511.56	7.35%	3,492.58	10,450.50	10,962.06	4.90%

OHIO POWER COMPANY
CASE NOS. 11-351-EL-AIR, et al.
Typical Bills Comparison
Applicant Proposed

Rate Code		Level of Demand	Level of Usage	Current Bill	Proposed Bill	Dollar Increase	% Increase	Annualized Fuel Cost Additions to Bill	Current Total Bill Including Fuel	Proposed Total Bill Including Fuel	% Change
OL											
	Lamp Size										
	Mercury Vapor							0.04			
		7,000 Lumen	72	11.1	13.64	2.54	22.85%	3.2	14.3	16.84	17.73%
		20,000 Lumen	158	16.56	19.81	3.25	19.64%	7.03	23.58	26.83	13.79%
	High Pressure Sodium										
		9,000 Lumen	40	9.04	11.88	2.83	31.35%	1.78	10.82	13.66	26.20%
		22,000 Lumen	84	12.03	15.99	3.96	32.94%	3.73	15.77	19.73	25.14%
	Incandescent										
		2,500 Lumen	63	8.55	11.78	3.23	37.77%	2.8	11.36	14.59	28.45%
		4,000 Lumen	98	9.53	13.01	3.48	36.51%	4.36	13.89	17.37	25.05%
	MV Floodlight										
		20,000 Lumen	158	19.51	23.61	4.1	21.04%	7.03	26.53	30.64	15.47%
		50,000 Lumen	378	28.78	33.47	4.69	16.30%	16.81	45.58	50.28	10.29%
	HPS Floodlight										
		22,000 Lumen	84	13.88	17.83	3.95	28.47%	3.73	17.61	21.57	22.44%
		50,000 Lumen	167	15.68	20.08	4.39	28.02%	7.43	23.11	27.5	19.02%
	MH Floodlight										
		17,000 Lumen	100	12.44	16.35	3.91	31.48%	4.45	16.88	20.8	23.19%
		29,000 Lumen	158	13.05	17.66	4.61	35.33%	7.03	20.08	24.69	22.97%
	Post Top-MV										
		7,000 Lumen	72	12.58	16.98	4.4	34.99%	3.2	15.78	20.19	27.89%
OL											
	Post Top-HPS										
		9,000 Lumen	40	15.9	21.41	5.51	34.66%	1.78	17.68	23.19	31.17%
	Facilities Charges:										
	Underground circuit per 25 feet over 30 feet		0	0.63	1.02	0.39	61.58%		0.63	1.02	61.58%

OHIO POWER COMPANY
CASE NOS. 11-351-EL-AIR, et al.
Typical Bills Comparison
Applicant Proposed

Rate Code	Level of Demand	Level of Usage	Current Bill	Proposed Bill	Dollar Increase	% Increase	Annualized Fuel Cost Additions to Bill	Current Total Bill Including Fuel	Proposed Total Bill Including Fuel	% Change
SL										
	On Wood Pole						0.04			
	7,000 lumen mercury vapor	72	6.06	6.39	0.33	5.48%	2.75	8.81	9.14	3.77%
	11,000 lumen mercury vapor	100	7.53	7.88	0.35	4.60%	3.82	11.34	11.69	3.05%
	20,000 lumen mercury vapor	158	8.81	9	0.19	2.11%	6.03	14.84	15.02	1.25%
	50,000 lumen mercury vapor	378	15.31	15.33	0.02	0.10%	14.42	29.74	29.75	0.05%
	9,000 lumen high pressure sodium	40	6.87	7.38	0.5	7.33%	1.53	8.4	8.9	6.00%
	16,000 lumen high pressure sodium	59	7.84	8.29	0.45	5.71%	2.25	10.09	10.54	4.43%
	22,000 lumen high pressure sodium	84	9.36	9.81	0.45	4.80%	3.2	12.57	13.02	3.57%
	50,000 lumen high pressure sodium	167	12.5	12.72	0.22	1.78%	6.37	18.87	19.09	1.18%
	9,000 lumen high pressure sodium (post 1988)	40	12.12	13.76	1.64	13.50%	1.53	13.65	15.28	11.99%
	16,000 lumen high pressure sodium (post 1988)	59	14.9	16.48	1.58	10.60%	2.25	17.15	18.73	9.21%
	22,000 lumen high pressure sodium (post 1988)	84	16.33	17.91	1.58	9.69%	3.2	19.53	21.11	8.10%
	50,000 lumen high pressure sodium (post 1988)	167	22.08	23.44	1.36	6.14%	6.37	28.45	29.81	4.76%
	On Metal Pole:									
	7,000 lumen mercury vapor	72	9.13	10.04	0.91	9.95%	2.75	11.88	12.79	7.65%
	11,000 lumen mercury vapor	100	10.94	11.95	1.01	9.26%	3.82	14.75	15.76	6.87%
	20,000 lumen mercury vapor	158	12.44	13.34	0.91	7.31%	6.03	18.46	19.37	4.92%
	50,000 lumen mercury vapor	378	20.19	21	0.81	3.99%	14.42	34.62	35.42	2.33%
	9,000 lumen high pressure sodium	40	15.22	16.67	1.45	9.56%	1.53	16.75	18.2	8.69%
	16,000 lumen high pressure sodium	59	16.14	17.54	1.4	8.66%	2.25	18.4	19.79	7.60%
	22,000 lumen high pressure sodium	84	17.69	19.1	1.41	7.98%	3.2	20.89	22.31	6.76%
	50,000 lumen high pressure sodium	167	20.8	21.98	1.17	5.64%	6.37	27.17	28.35	4.32%
	9,000 lumen high pressure sodium (post 1998)	40	42.42	42.24	-0.18	-0.43%	1.53	43.95	43.76	-0.41%
	16,000 lumen high pressure sodium (post 1998)	59	43.52	43.27	-0.25	-0.57%	2.25	45.77	45.53	-0.54%
	22,000 lumen high pressure sodium (post 1998)	84	45.07	44.73	-0.34	-0.75%	3.2	48.27	47.93	-0.70%
SL	50,000 lumen high pressure sodium (post 1998)	167	48.27	47.64	-0.63	-1.31%	6.37	54.65	54.01	-1.16%
	Multiple Lamps on Metal Pole:									
	20,000 lumen mercury vapor	158	10.53	11.12	0.58	5.52%	6.03	16.56	17.14	3.51%
	9,000 lumen high pressure sodium	40	11.02	12	0.98	8.89%	1.53	12.54	13.52	7.80%
	16,000 lumen high pressure sodium	59	11.98	12.9	0.92	7.71%	2.25	14.23	15.15	6.49%
	22,000 lumen high pressure sodium	84	13.49	14.43	0.94	6.94%	3.2	16.7	17.63	5.61%
	50,000 lumen high pressure sodium	167	16.63	17.33	0.7	4.20%	6.37	23.01	23.7	3.04%
	9,000 lumen high pressure sodium (post 1998)	40	24.81	24.64	-0.16	-0.66%	1.53	26.33	26.17	-0.63%
	16,000 lumen high pressure sodium (post 1998)	59	25.79	25.55	-0.23	-0.90%	2.25	28.04	27.8	-0.83%
	22,000 lumen high pressure sodium (post 1998)	84	27.34	27.02	-0.32	-1.18%	3.2	30.55	30.22	-1.05%
	50,000 lumen high pressure sodium (post 1998)	167	30.55	30.37	-0.18	-0.60%	6.37	36.92	36.74	-0.49%

OHIO POWER COMPANY
CASE NOS. 11-351-EL-AIR, et al.
Typical Bills Comparison
Applicant Proposed

Rate Code		Level of Demand	Level of Usage	Current Bill	Proposed Bill	Dollar Increase	% Increase	Annualized Fuel Cost Additions to Bill	Current Total Bill Including Fuel	Proposed Total Bill Including Fuel	% Change
	Post Top Unit:										
	7,000 lumen mercury vapor		72	9.05	9.95	0.9	9.92%	2.75	11.8	12.69	7.61%
	9,000 lumen high pressure sodium		40	12.94	12.78	-0.15	-1.19%	1.53	14.46	14.31	-1.06%
	9,000 lumen high pressure sodium (post 1988)		40	16.52	18.02	1.5	9.08%	1.53	18.04	19.54	8.31%
	Facilities Charges:										
	Receptacle Charge		0	2.1	2.41	0.31	14.50%	-	2.1	2.41	14.50%

OHIO POWER COMPANY
CASE NOS. 11-352-EL-AIR,et al.
Typical Bills Comparison
Staff Proposed

Rate Code	Level of Demand	Level of Usage	Proposed Bill	Dollar Increase	% Increase	Annualized Fuel Cost Additions to Bill	Current Total Bill Including Fuel	Proposed Total Bill Including Fuel	% Change
						0.0318012			
RS		0	9.86	5.49	125.74%	-	4.37	9.86	125.74%
		30	12.01	5.40	81.80%	0.95	7.56	12.96	71.48%
		70	14.87	5.28	55.09%	2.23	11.81	17.10	44.71%
		120	18.45	5.13	38.53%	3.82	17.13	22.26	29.95%
		200	24.17	4.89	25.36%	6.36	25.64	30.53	19.07%
		300	31.32	4.59	17.16%	9.54	36.28	40.86	12.64%
		500	45.63	3.98	9.56%	15.90	57.55	61.53	6.92%
		800	67.09	3.07	4.80%	25.44	89.46	92.53	3.44%
		1,000	80.46	3.94	5.15%	31.80	108.32	112.26	3.64%
		1,200	93.83	4.81	5.40%	38.16	127.18	131.99	3.78%
		1,500	113.88	6.11	5.67%	47.70	155.47	161.58	3.93%
		2,000	147.31	8.28	5.96%	63.60	202.63	210.91	4.09%
		4,000	280.09	16.97	6.45%	127.20	390.32	407.29	4.35%
		5,000	346.48	21.31	6.55%	159.01	484.17	505.48	4.40%
		8,000	545.65	34.34	6.72%	254.41	765.72	800.06	4.48%
		10,000	678.43	43.03	6.77%	318.01	953.42	996.44	4.51%
		12,000	811.21	51.71	6.81%	381.61	1,141.11	1,192.82	4.53%
		15,000	1,010.38	64.74	6.85%	477.02	1,422.66	1,487.40	4.55%
RS									
SWH	80 gal.	500	41.78	10.62	34.08%	15.90	47.06	57.68	22.56%
	80 gal.	800	63.24	9.71	18.14%	25.44	78.97	88.68	12.30%
	80 gal.	1,000	77.55	9.11	13.31%	31.80	100.24	109.35	9.08%
	80 gal.	1,500	111.21	10.91	10.88%	47.70	148.00	158.91	7.37%
	80 gal.	2,000	144.63	13.08	9.94%	63.60	195.15	208.24	6.70%
	80 gal.	4,000	277.41	21.77	8.51%	127.20	382.85	404.62	5.69%
	80 gal.	6,000	410.19	30.45	8.02%	190.81	570.55	601.00	5.34%
	80 gal.	8,000	542.97	39.14	7.77%	254.41	758.25	797.38	5.16%

Rate Code	Level of Demand	Level of Usage	Proposed Bill	Dollar Increase	% Increase	Annualized Fuel Cost Additions to Bill	Current Total Bill Including Fuel	Proposed Total Bill Including Fuel	% Change
RS									
SWH	100 gal.	500	39.83	11.95	42.86%	15.90	43.78	55.73	27.29%
	100 gal.	800	61.70	12.37	25.07%	25.44	74.78	87.15	16.54%
	100 gal.	1,000	76.01	11.76	18.31%	31.80	96.05	107.81	12.25%
	100 gal.	1,500	110.14	12.83	13.18%	47.70	145.01	157.84	8.85%
	100 gal.	2,000	143.56	15.00	11.67%	63.60	192.17	207.16	7.81%
	100 gal.	4,000	276.34	23.68	9.37%	127.20	379.86	403.55	6.24%
	100 gal.	6,000	409.12	32.37	8.59%	190.81	567.56	599.93	5.70%
	100 gal.	8,000	541.90	41.05	8.20%	254.41	755.26	796.31	5.44%
	120 gal.	500	39.83	11.95	42.86%	15.90	43.78	55.73	27.29%
	120 gal.	800	60.17	15.02	33.28%	25.44	70.58	85.61	21.28%
	120 gal.	1,000	74.47	14.42	24.01%	31.80	91.86	106.27	15.70%
	120 gal.	1,500	109.07	14.75	15.63%	47.70	142.02	156.77	10.38%
	120 gal.	2,000	142.49	16.92	13.47%	63.60	189.18	206.09	8.94%
	120 gal.	4,000	275.27	25.60	10.25%	127.20	376.87	402.48	6.79%
	120 gal.	6,000	408.05	34.29	9.17%	190.81	564.57	598.86	6.07%
	120 gal.	8,000	540.83	42.97	8.63%	254.41	752.27	795.24	5.71%
	120 gal.	10,000	673.61	51.66	8.31%	318.01	939.97	991.62	5.50%
RS-TOD									
On - Peak		1,000	74.80	12.00	19.10%	31.80	94.61	106.60	12.68%
Off-Peak		2,000	138.77	21.90	18.74%	63.60	180.47	202.37	12.13%
		3,000	202.28	31.80	18.65%	95.40	265.88	297.68	11.96%
		4,000	265.78	41.70	18.61%	127.20	351.29	392.99	11.87%
		5,000	329.29	51.60	18.58%	159.01	436.69	488.30	11.82%
		6,000	392.80	61.50	18.57%	190.81	522.10	583.60	11.78%
		7,000	456.30	71.41	18.55%	222.61	607.51	678.91	11.75%
		8,000	519.81	81.31	18.54%	254.41	692.91	774.22	11.73%

OHIO POWER COMPANY
CASE NOS. 11-352-EL-AIR,et al.
Typical Bills Comparison
Staff Proposed

Rate Code	Level of Demand	Level of Usage	Proposed Bill	Dollar Increase	% Increase	Annualized Fuel Cost Additions to Bill	Current Total Bill Including Fuel	Proposed Total Bill Including Fuel	% Change
RS-TOD									
On - Peak		1,000	76.37	9.27	13.82%	31.80	98.89	108.17	9.38%
Off-Peak		2,000	141.90	16.45	13.11%	63.60	189.05	205.50	8.70%
		3,000	206.97	23.62	12.89%	95.40	278.75	302.37	8.48%
		4,000	272.04	30.80	12.77%	127.20	368.44	399.24	8.36%
		5,000	337.11	37.98	12.70%	159.01	458.14	496.11	8.29%
		6,000	402.18	45.15	12.65%	190.81	547.83	592.99	8.24%
		7,000	467.25	52.33	12.61%	222.61	637.53	689.86	8.21%
		8,000	532.32	59.51	12.59%	254.41	727.22	786.73	8.18%
On - Peak		1,000	77.93	6.55	9.17%	31.80	103.18	109.73	6.35%
Off-Peak		2,000	145.02	11.00	8.21%	63.60	197.63	208.63	5.57%
		3,000	211.66	15.45	7.87%	95.40	291.61	307.06	5.30%
		4,000	278.29	19.90	7.70%	127.20	385.60	405.50	5.16%
		5,000	344.93	24.35	7.60%	159.01	479.58	503.93	5.08%
		6,000	411.56	28.80	7.53%	190.81	573.57	602.37	5.02%
		7,000	478.20	33.25	7.47%	222.61	667.55	700.80	4.98%
		8,000	544.83	37.71	7.44%	254.41	761.53	799.24	4.95%
RS-ES									
On - Peak		1,000	71.67	17.45	32.17%	31.80	86.03	103.48	20.28%
Off-Peak		2,000	132.51	32.80	32.89%	63.60	163.32	196.12	20.08%
		3,000	192.89	48.15	33.27%	95.40	240.15	288.30	20.05%
		4,000	253.27	63.50	33.46%	127.20	316.98	380.48	20.03%
		5,000	313.65	78.85	33.58%	159.01	393.80	472.66	20.02%
		6,000	374.03	94.21	33.67%	190.81	470.63	564.84	20.02%
		7,000	434.41	109.56	33.72%	222.61	547.46	657.02	20.01%
		8,000	494.79	124.91	33.77%	254.41	624.29	749.20	20.01%
RS-ES									
On - Peak		1,000	73.24	14.72	25.16%	31.80	90.32	105.04	16.30%
Off-Peak		2,000	135.64	27.35	25.25%	63.60	171.89	199.24	15.91%
		3,000	197.58	39.98	25.36%	95.40	253.01	292.99	15.80%
		4,000	259.53	52.60	25.42%	127.20	334.13	386.73	15.74%
		5,000	321.47	65.23	25.46%	159.01	415.25	480.48	15.71%
		6,000	383.41	77.85	25.48%	190.81	496.37	574.22	15.68%
		7,000	445.36	90.48	25.50%	222.61	577.48	667.97	15.67%
		8,000	507.30	103.11	25.51%	254.41	658.60	761.71	15.66%

Rate Code	Level of Demand	Level of Usage	Proposed Bill	Dollar Increase	% Increase	Annualized Fuel Cost Additions to Bill	Current Total Bill Including Fuel	Proposed Total Bill Including Fuel	% Change
On - Peak		1,000	74.80	12.00	19.10%	31.80	94.61	106.60	12.68%
Off-Peak		2,000	138.77	21.90	18.74%	63.60	180.47	202.37	12.13%
		3,000	202.28	31.80	18.65%	95.40	265.88	297.68	11.96%
		4,000	265.78	41.70	18.61%	127.20	351.29	392.99	11.87%
		5,000	329.29	51.60	18.58%	159.01	436.69	488.30	11.82%
		6,000	392.80	61.50	18.57%	190.81	522.10	583.60	11.78%
		7,000	456.30	71.41	18.55%	222.61	607.51	678.91	11.75%
		8,000	519.81	81.31	18.54%	254.41	692.91	774.22	11.73%
GS-1						0.03			
Unmetered		50	11.97	0.67	5.92%	1.65	12.94	13.61	5.16%
		100	15.74	1.55	10.91%	3.29	17.48	19.03	8.86%
		150	19.51	2.43	14.22%	4.94	22.02	24.45	11.03%
		200	23.28	3.31	16.57%	6.58	26.56	29.87	12.46%
		400	38.37	6.83	21.66%	13.17	44.70	51.53	15.28%
		700	61.00	12.11	24.78%	23.04	71.93	84.04	16.84%
		1,000	83.63	17.40	26.26%	32.91	99.15	116.54	17.54%
		1,500	121.35	26.20	27.53%	49.37	144.52	170.72	18.13%
		2,000	159.07	35.00	28.21%	65.83	189.89	224.89	18.43%
		4,000	309.02	70.22	29.40%	131.65	370.45	440.67	18.95%
		8,000	608.92	140.65	30.04%	263.30	731.57	872.22	19.23%
		10,000	758.87	175.86	30.16%	329.13	912.14	1,088.00	19.28%
		15,000	1,133.74	263.90	30.34%	493.70	1,363.54	1,627.44	19.35%
		25,000	1,877.89	439.97	30.60%	822.83	2,260.75	2,700.72	19.46%
GS-1-ES									
On-Peak		500	39.45	3.61	10.07%	16.46	52.29	55.90	6.90%
Off-Peak		1,000	67.95	13.53	24.87%	32.91	87.33	100.87	15.50%
		2,000	124.97	33.38	36.44%	65.83	157.42	190.80	21.20%
		4,000	238.08	73.07	44.28%	131.65	296.66	369.74	24.63%
		6,000	351.20	112.77	47.29%	197.48	435.91	548.68	25.87%
		8,000	464.31	152.46	48.89%	263.30	575.16	727.62	26.51%
On-Peak		500	40.58	3.47	9.35%	16.46	53.57	57.04	6.48%
Off-Peak		1,000	70.23	13.25	23.26%	32.91	89.89	103.15	14.74%
		2,000	129.53	32.82	33.93%	65.83	162.54	195.35	20.19%
		4,000	247.20	71.95	41.05%	131.65	306.90	378.85	23.44%
		6,000	364.87	111.08	43.77%	197.48	451.27	562.35	24.61%
		8,000	482.54	150.21	45.20%	263.30	595.64	745.85	25.22%

Rate Code	Level of Demand	Level of Usage	Proposed Bill	Dollar Increase	% Increase	Annualized Fuel Cost Additions to Bill	Current Total Bill Including Fuel	Proposed Total Bill Including Fuel	% Change
On-Peak		500	41.72	3.33	8.67%	16.46	54.85	58.18	6.07%
Off-Peak		*1,000*	*72.51*	*12.97*	*21.79%*	*32.91*	*92.45*	*105.42*	*14.03%*
		2,000	134.09	32.26	31.68%	65.83	167.66	199.91	19.24%
		4,000	256.32	70.82	38.18%	131.65	317.14	387.97	22.33%
		6,000	378.54	109.39	40.64%	197.48	466.63	576.02	23.44%
		8,000	500.77	147.96	41.94%	263.30	616.12	764.08	24.02%
GS-1									
		600	55.23	5.47	10.98%	19.75	69.51	74.97	7.86%
		700	62.77	7.23	13.01%	23.04	78.58	85.81	9.20%
		800	70.31	8.99	14.65%	26.33	87.66	96.64	10.25%
		900	77.86	10.75	16.02%	29.62	96.73	107.48	11.11%
		1,200	100.49	16.03	18.98%	39.50	123.95	139.98	12.93%
		1,400	115.58	19.55	20.36%	46.08	142.10	161.65	13.76%
		1,600	130.66	23.07	21.45%	52.66	160.25	183.32	14.40%
		1,800	145.75	26.59	22.32%	59.24	178.40	204.99	14.91%
		2,100	168.33	31.88	23.36%	69.12	205.57	237.45	15.51%
		2,400	190.83	37.16	24.18%	78.99	232.66	269.82	15.97%
		2,700	213.32	42.44	24.84%	88.87	259.74	302.18	16.34%
		2,800	220.82	44.20	25.03%	92.16	268.77	312.97	16.45%
		3,000	235.81	47.72	25.37%	98.74	286.83	334.55	16.64%
		3,200	250.81	51.24	25.68%	105.32	304.88	356.13	16.81%
		3,500	273.30	56.53	26.08%	115.20	331.97	388.49	17.03%
		3,600	280.80	58.29	26.20%	118.49	341.00	399.28	17.09%
		4,000	310.79	65.33	26.62%	131.65	377.11	442.44	17.32%
		4,500	348.27	74.13	27.04%	148.11	422.25	496.38	17.56%
GS-2-						0.03			
Rec. Lighting		50	17.98	(4.89)	-21.38%	1.50	24.37	19.48	-20.06%
		100	21.26	(4.77)	-18.34%	3.00	29.03	24.26	-16.45%
		150	24.54	(4.66)	-15.96%	4.50	33.70	29.04	-13.83%
		200	27.81	(4.55)	-14.05%	6.00	38.36	33.81	-11.85%
		400	40.92	(4.09)	-9.09%	12.00	57.01	52.92	-7.17%
		700	60.58	(3.41)	-5.32%	21.00	84.99	81.58	-4.01%
		1,000	80.24	(2.72)	-3.28%	30.00	112.97	110.25	-2.41%
		1,500	113.01	(1.58)	-1.38%	45.01	159.60	158.01	-0.99%
		2,000	145.78	(0.44)	-0.30%	60.01	206.22	205.78	-0.21%
		4,000	275.92	4.12	1.52%	120.02	391.82	395.94	1.05%
		8,000	536.22	13.25	2.53%	240.04	763.01	776.26	1.74%
		10,000	666.37	17.81	2.75%	300.05	948.61	966.42	1.88%
		15,000	991.74	29.22	3.04%	450.07	1,412.60	1,441.81	2.07%
		25,000	1,636.89	52.03	3.28%	750.12	2,334.98	2,387.01	2.23%

OHIO POWER COMPANY
CASE NOS. 11-352-EL-AIR,et al.
Typical Bills Comparison
Staff Proposed

Rate Code	Level of Demand	Level of Usage	Proposed Bill	Dollar Increase	% Increase	Annualized Fuel Cost Additions to Bill	Current Total Bill Including Fuel	Proposed Total Bill Including Fuel	% Change
GS-2									
Secondary	10	1,000	126.36	13.14	11.60%	30.00	143.23	156.36	9.17%
	10	2,000	173.26	12.78	7.97%	60.01	220.49	233.27	5.80%
	10	3,000	219.71	12.43	6.00%	90.01	297.29	309.72	4.18%
	25	2,500	292.15	48.64	19.97%	75.01	318.52	367.16	15.27%
	25	5,000	408.26	47.76	13.25%	150.02	510.53	558.29	9.35%
	25	7,500	524.38	46.87	9.82%	225.03	702.54	749.41	6.67%
	50	5,000	567.70	107.80	23.44%	150.02	609.92	717.73	17.67%
	50	10,000	799.93	106.04	15.28%	300.05	993.94	1,099.98	10.67%
	50	15,000	1,032.16	104.28	11.24%	450.07	1,377.95	1,482.23	7.57%
	75	7,500	843.26	166.97	24.69%	225.03	901.32	1,068.29	18.52%
	75	15,000	1,191.60	164.32	16.00%	450.07	1,477.34	1,641.67	11.12%
	75	22,500	1,535.74	161.68	11.77%	675.10	2,049.17	2,210.85	7.89%
	100	10,000	1,118.81	226.14	25.33%	300.05	1,192.72	1,418.86	18.96%
	100	20,000	1,580.47	222.61	16.39%	600.09	1,957.95	2,180.56	11.37%
	100	30,000	2,039.32	219.08	12.04%	900.14	2,720.38	2,939.46	8.05%
	200	20,000	2,218.22	462.80	26.36%	600.09	2,355.51	2,818.32	19.65%
	200	40,000	3,135.94	455.75	17.00%	1,200.18	3,880.37	4,336.12	11.74%
	200	60,000	4,053.65	448.70	12.45%	1,800.28	5,405.23	5,853.93	8.30%
	500	50,000	5,508.06	1,172.80	27.05%	1,500.23	5,835.50	7,008.29	20.10%
	500	100,000	7,802.35	1,155.17	17.38%	3,000.46	9,647.64	10,802.81	11.97%
	500	150,000	10,096.63	1,137.53	12.70%	4,500.69	13,459.79	14,597.32	8.45%
	1,000	100,000	10,991.13	2,356.12	27.29%	3,000.46	11,635.47	13,991.59	20.25%
	1,000	200,000	15,579.70	2,320.86	17.50%	6,000.92	19,259.76	21,580.62	12.05%
	1,000	300,000	20,168.27	2,285.60	12.78%	9,001.38	26,884.05	29,169.65	8.50%
	3,000	300,000	32,923.40	7,089.43	27.44%	9,001.38	34,835.35	41,924.78	20.35%
	3,000	600,000	46,689.10	6,983.64	17.59%	18,002.76	57,708.22	64,691.86	12.10%
	3,000	900,000	60,303.51	6,887.82	12.89%	27,004.14	80,419.83	87,307.65	8.56%
	7,000	700,000	76,787.94	16,556.04	27.49%	21,003.22	81,235.12	97,791.16	20.38%
	7,000	1,400,000	107,627.57	16,393.57	17.97%	42,006.44	133,240.44	149,634.01	12.30%
	7,000	2,100,000	138,166.88	16,250.89	13.33%	63,009.66	184,925.65	201,176.54	8.79%

Rate Code	Level of Demand	Level of Usage	Proposed Bill	Dollar Increase	% Increase	Annualized Fuel Cost Additions to Bill	Current Total Bill Including Fuel	Proposed Total Bill Including Fuel	% Change
GS-2						0.03			
Primary	10	1,000	160.26	(26.35)	-14.12%	27.23	213.84	187.49	-12.32%
	10	2,000	206.65	(26.70)	-11.44%	54.47	287.82	261.12	-9.28%
	10	3,000	252.59	(27.05)	-9.67%	81.70	361.34	334.29	-7.49%
	25	2,500	308.79	6.32	2.09%	68.08	370.55	376.88	1.71%
	25	5,000	423.63	5.44	1.30%	136.17	554.36	559.80	0.98%
	25	7,500	538.47	4.56	0.85%	204.25	738.17	742.73	0.62%
	50	5,000	555.59	60.77	12.28%	136.17	630.98	691.76	9.63%
	50	10,000	785.27	59.01	8.13%	272.34	998.59	1,057.60	5.91%
	50	15,000	1,014.95	57.25	5.98%	408.51	1,366.21	1,423.45	4.19%
	75	7,500	802.38	115.22	16.77%	204.25	891.41	1,006.63	12.93%
	75	15,000	1,146.90	112.58	10.88%	408.51	1,442.83	1,555.41	7.80%
	75	22,500	1,487.22	109.93	7.98%	612.76	1,990.05	2,099.98	5.52%
	100	10,000	1,049.17	169.68	19.29%	272.34	1,151.84	1,321.51	14.73%
	100	20,000	1,505.73	166.15	12.40%	544.68	1,884.26	2,050.41	8.82%
	100	30,000	1,959.49	162.62	9.05%	817.02	2,613.89	2,776.51	6.22%
	200	20,000	2,033.55	387.48	23.54%	544.68	2,190.75	2,578.23	17.69%
	200	40,000	2,941.07	380.43	14.86%	1,089.36	3,650.00	4,030.43	10.42%
	200	60,000	3,848.59	373.37	10.74%	1,634.03	5,109.25	5,482.63	7.31%
	500	50,000	4,978.28	1,040.89	26.44%	1,361.70	5,299.09	6,339.98	19.64%
	500	100,000	7,247.08	1,023.26	16.44%	2,723.39	8,947.21	9,970.47	11.44%
	500	150,000	9,515.88	1,005.63	11.82%	4,085.09	12,595.34	13,600.97	7.98%
	1,000	100,000	9,886.16	2,129.91	27.46%	2,723.39	10,479.65	12,609.55	20.32%
	1,000	200,000	14,423.77	2,094.64	16.99%	5,446.78	17,775.90	19,870.55	11.78%
	1,000	300,000	18,961.37	2,059.38	12.18%	8,170.17	25,072.16	27,131.54	8.21%
	3,000	300,000	29,517.70	6,485.97	28.16%	8,170.17	31,201.90	37,687.87	20.79%
	3,000	600,000	43,130.50	6,380.19	17.36%	16,340.34	53,090.66	59,470.84	12.02%
	3,000	900,000	56,592.02	6,284.37	12.49%	24,510.51	74,818.16	81,102.53	8.40%
	7,000	700,000	68,780.77	15,198.11	28.36%	19,063.73	72,646.39	87,844.50	20.92%
	7,000	1,400,000	99,263.64	15,035.64	17.85%	38,127.46	122,355.46	137,391.10	12.29%
	7,000	2,100,000	129,446.18	14,892.96	13.00%	57,191.19	171,744.41	186,637.37	8.67%

Rate Code	Level of Demand	Level of Usage	Proposed Bill	Dollar Increase	% Increase	Annualized Fuel Cost Additions to Bill	Current Total Bill Including Fuel	Proposed Total Bill Including Fuel	% Change
GS-2						0.03			
Subtransmission	10	1,000	984.69	600.94	156.59%	28.23	411.99	1,012.93	145.86%
	10	2,000	1,030.76	600.59	139.61%	56.47	486.64	1,087.23	123.41%
	10	3,000	1,076.36	600.23	126.06%	84.70	560.83	1,161.07	107.02%
	25	2,500	1,078.97	586.66	119.17%	70.59	562.89	1,149.55	104.22%
	25	5,000	1,192.98	585.78	96.47%	141.17	748.37	1,334.15	78.27%
	25	7,500	1,306.99	584.90	81.00%	211.76	933.85	1,518.75	62.63%
	50	5,000	1,235.32	562.87	83.70%	141.17	813.63	1,376.50	69.18%
	50	10,000	1,463.35	561.11	62.19%	282.35	1,184.59	1,745.69	47.37%
	50	15,000	1,691.37	559.34	49.41%	423.52	1,555.55	2,114.89	35.96%
	75	7,500	1,391.68	539.08	63.23%	211.76	1,064.36	1,603.44	50.65%
	75	15,000	1,733.72	536.43	44.80%	423.52	1,620.80	2,157.23	33.10%
	75	22,500	2,071.55	533.79	34.71%	635.28	2,173.04	2,706.83	24.56%
	100	10,000	1,548.03	515.28	49.89%	282.35	1,315.10	1,830.38	39.18%
	100	20,000	2,001.28	511.76	34.36%	564.69	2,054.22	2,565.97	24.91%
	100	30,000	2,451.73	508.23	26.15%	847.04	2,790.54	3,298.77	18.21%
	200	20,000	2,170.66	420.11	24.00%	564.69	2,315.24	2,735.35	18.15%
	200	40,000	3,071.55	413.06	15.54%	1,129.38	3,787.88	4,200.93	10.90%
	200	60,000	3,972.45	406.00	11.38%	1,694.07	5,260.52	5,666.52	7.72%
	500	50,000	4,030.12	134.59	3.45%	1,411.73	5,307.26	5,441.85	2.54%
	500	100,000	6,282.37	116.96	1.90%	2,823.45	8,988.86	9,105.82	1.30%
	500	150,000	8,534.61	99.33	1.18%	4,235.18	12,670.46	12,769.79	0.78%
	1,000	100,000	7,129.23	(341.28)	-4.57%	2,823.45	10,293.96	9,952.68	-3.32%
	1,000	200,000	11,633.72	(376.54)	-3.14%	5,646.90	17,657.16	17,280.62	-2.13%
	1,000	300,000	16,138.21	(411.81)	-2.49%	8,470.35	25,020.36	24,608.56	-1.65%
	3,000	300,000	19,525.66	(2,244.75)	-10.31%	8,470.35	30,240.76	27,996.01	-7.42%
	3,000	600,000	33,039.13	(2,350.54)	-6.64%	16,940.70	52,330.37	49,979.83	-4.49%
	3,000	900,000	46,401.31	(2,446.36)	-5.01%	25,411.05	74,258.72	71,812.36	-3.29%
	7,000	700,000	44,318.52	(6,051.69)	-12.01%	19,764.15	70,134.36	64,082.67	-8.63%
	7,000	1,400,000	74,569.62	(6,214.16)	-7.69%	39,528.30	120,312.08	114,097.92	-5.17%
	7,000	2,100,000	104,520.38	(6,356.84)	-5.73%	59,292.45	170,169.67	163,812.83	-3.74%

OHIO POWER COMPANY
CASE NOS. 11-352-EL-AIR,et al.
Typical Bills Comparison
Staff Proposed

Rate Code	Level of Demand	Level of Usage	Proposed Bill	Dollar Increase	% Increase	Annualized Fuel Cost Additions to Bill	Current Total Bill Including Fuel	Proposed Total Bill Including Fuel	% Change
GS-3						0.03			
Secondary	10	3,500	237.60	(3.53)	-1.46%	98.86	339.99	336.46	-1.04%
	10	4,500	252.26	(3.88)	-1.52%	127.11	383.25	379.36	-1.01%
	10	5,500	266.91	(4.24)	-1.56%	155.35	426.50	422.26	-0.99%
	25	8,750	569.12	6.97	1.24%	247.15	809.30	816.27	0.86%
	25	11,250	605.75	6.09	1.02%	317.77	917.43	923.51	0.66%
	25	13,750	642.38	5.21	0.82%	388.38	1,025.56	1,030.76	0.51%
	50	17,500	1,120.23	24.47	2.23%	494.30	1,590.07	1,614.54	1.54%
	50	22,500	1,190.70	22.70	1.94%	635.53	1,803.53	1,826.23	1.26%
	50	27,500	1,261.16	20.94	1.69%	776.76	2,016.98	2,037.93	1.04%
	75	26,250	1,667.85	41.97	2.58%	741.45	2,367.34	2,409.31	1.77%
	75	33,750	1,773.55	39.32	2.27%	953.30	2,687.53	2,726.85	1.46%
	75	41,250	1,879.25	36.68	1.99%	1,165.14	3,007.71	3,044.39	1.22%
	100	35,000	2,215.47	59.47	2.76%	988.61	3,144.61	3,204.08	1.89%
	100	45,000	2,356.40	55.94	2.43%	1,271.07	3,571.53	3,627.47	1.57%
	100	55,000	2,497.33	52.41	2.14%	1,553.52	3,998.44	4,050.86	1.31%
	200	70,000	4,405.95	129.46	3.03%	1,977.21	6,253.70	6,383.16	2.07%
	200	90,000	4,687.81	122.41	2.68%	2,542.13	7,107.53	7,229.94	1.72%
	200	110,000	4,969.67	115.36	2.38%	3,107.05	7,961.36	8,076.71	1.45%
	500	175,000	10,977.38	339.45	3.19%	4,943.03	15,580.96	15,920.41	2.18%
	500	225,000	11,682.02	321.81	2.83%	6,355.33	17,715.54	18,037.35	1.82%
	500	275,000	12,386.67	304.18	2.52%	7,767.62	19,850.11	20,154.29	1.53%
	1,000	350,000	21,929.75	689.42	3.25%	9,886.07	31,126.40	31,815.82	2.21%
	1,000	450,000	23,339.05	654.16	2.88%	12,710.66	35,395.54	36,049.70	1.85%
	1,000	550,000	24,748.34	618.90	2.56%	15,535.25	39,664.69	40,283.59	1.56%
	3,000	1,050,000	65,249.26	2,121.61	3.36%	29,658.20	92,785.84	94,907.45	2.29%
	3,000	1,350,000	68,799.71	2,060.46	3.09%	38,131.97	104,871.21	106,931.67	1.96%
	3,000	1,650,000	72,350.16	1,999.31	2.84%	46,605.74	116,956.58	118,955.89	1.71%
	7,000	2,450,000	149,706.95	5,129.73	3.55%	69,202.46	213,779.67	218,909.40	2.40%
	7,000	3,150,000	157,991.33	4,987.05	3.26%	88,974.59	241,978.86	246,965.92	2.06%
	7,000	3,850,000	166,275.71	4,844.37	3.00%	108,746.72	270,178.06	275,022.43	1.79%

OHIO POWER COMPANY
CASE NOS. 11-352-EL-AIR,et al.
Typical Bills Comparison
Staff Proposed

Rate Code	Level of Demand	Level of Usage	Proposed Bill	Dollar Increase	% Increase	Annualized Fuel Cost Additions to Bill	Current Total Bill Including Fuel	Proposed Total Bill Including Fuel	% Change
GS-3						0.03			
Primary	10	3,500	270.42	(42.44)	-13.57%	95.32	408.18	365.74	-10.40%
	10	4,500	285.63	(42.80)	-13.03%	122.55	450.98	408.18	-9.49%
	10	5,500	300.84	(43.15)	-12.54%	149.79	493.77	450.63	-8.74%
	25	8,750	583.05	(33.92)	-5.50%	238.30	855.27	821.35	-3.97%
	25	11,250	621.08	(34.80)	-5.31%	306.38	962.26	927.46	-3.62%
	25	13,750	659.10	(35.68)	-5.14%	374.47	1,069.25	1,033.57	-3.34%
	50	17,500	1,102.71	(19.70)	-1.76%	476.59	1,599.01	1,579.30	-1.23%
	50	22,500	1,175.96	(21.47)	-1.79%	612.76	1,810.19	1,788.72	-1.19%
	50	27,500	1,249.20	(23.23)	-1.83%	748.93	2,021.36	1,998.14	-1.15%
	75	26,250	1,618.87	(5.49)	-0.34%	714.89	2,339.25	2,333.76	-0.23%
	75	33,750	1,728.74	(8.13)	-0.47%	919.14	2,656.01	2,647.88	-0.31%
	75	41,250	1,838.61	(10.78)	-0.58%	1,123.40	2,972.78	2,962.01	-0.36%
	100	35,000	2,135.02	8.72	0.41%	953.19	3,079.49	3,088.21	0.28%
	100	45,000	2,281.52	5.20	0.23%	1,225.53	3,501.84	3,507.04	0.15%
	100	55,000	2,428.01	1.67	0.07%	1,497.86	3,924.20	3,925.88	0.04%
	200	70,000	4,199.65	65.58	1.59%	1,906.37	6,040.45	6,106.02	1.09%
	200	90,000	4,492.64	58.52	1.32%	2,451.05	6,885.16	6,943.69	0.85%
	200	110,000	4,785.62	51.47	1.09%	2,995.73	7,729.88	7,781.35	0.67%
	500	175,000	10,393.53	236.13	2.32%	4,765.93	14,923.32	15,159.46	1.58%
	500	225,000	11,126.00	218.50	2.00%	6,127.63	17,035.12	17,253.62	1.28%
	500	275,000	11,858.46	200.87	1.72%	7,489.32	19,146.92	19,347.79	1.05%
	1,000	350,000	20,716.66	520.40	2.58%	9,531.87	29,728.12	30,248.52	1.75%
	1,000	450,000	22,181.59	485.13	2.24%	12,255.26	33,951.71	34,436.85	1.43%
	1,000	550,000	23,646.53	449.87	1.94%	14,978.65	38,175.31	38,625.18	1.18%
	3,000	1,050,000	61,519.17	1,689.74	2.82%	28,595.60	88,425.02	90,114.76	1.91%
	3,000	1,350,000	65,236.55	1,628.59	2.56%	36,765.77	100,373.73	102,002.32	1.62%
	3,000	1,650,000	68,953.93	1,567.44	2.33%	44,935.94	112,322.43	113,889.87	1.40%
	7,000	2,450,000	140,942.86	4,172.16	3.05%	66,723.06	203,493.76	207,665.92	2.05%
	7,000	3,150,000	149,616.76	4,029.48	2.77%	85,786.79	231,374.06	235,403.54	1.74%
	7,000	3,850,000	158,290.65	3,886.80	2.52%	104,850.52	259,254.36	263,141.16	1.50%

Rate Code	Level of Demand	Level of Usage	Proposed Bill	Dollar Increase	% Increase	Annualized Fuel Cost Additions to Bill	Current Total Bill Including Fuel	Proposed Total Bill Including Fuel	% Change
GS-3						0.00			
Subtransmission	10	3,500	1,084.34	575.71	113.19%	9.30	517.94	1,093.64	111.15%
	10	4,500	1,099.87	575.35	109.69%	11.96	536.47	1,111.83	107.25%
	10	5,500	1,115.39	575.00	106.40%	14.62	555.01	1,130.01	103.60%
	25	8,750	1,326.94	523.58	65.17%	23.26	826.61	1,350.19	63.34%
	25	11,250	1,365.75	522.70	62.00%	29.90	872.95	1,395.65	59.88%
	25	13,750	1.404.56	521.82	59.11%	36.55	919.28	1,441.10	56.76%
	50	17,500	1,729.86	436.71	33.77%	46.51	1,339.67	1,776.38	32.60%
	50	22,500	1.804.68	434.94	31.75%	59.80	1,429.54	1,864.48	30.43%
	50	27,500	1.879.50	433.18	29.95%	73.09	1,519.41	1,952.59	28.51%
	75	26,250	2,129.29	349.83	19.66%	69.77	1,849.22	2,199.06	18.92%
	75	33,750	2,241.51	347.19	18.33%	89.71	1,984.03	2,331.22	17.50%
	75	41,250	2,353.74	344.54	17.15%	109.64	2,118.84	2,463.38	16.26%
	100	35,000	2,528.71	262.96	11.61%	93.03	2,358.78	2,621.74	11.15%
	100	45,000	2,678.35	259.43	10.73%	119.61	2,538.52	2,797.96	10.22%
	100	55,000	2,827.99	255.91	9.95%	146.19	2,718.27	2,974.17	9.41%
	200	70,000	4,126.41	(84.54)	-2.01%	186.06	4,397.00	4,312.47	-1.92%
	200	90,000	4,425.69	(91.59)	-2.03%	239.22	4,756.49	4,664.90	-1.93%
	200	110,000	4,724.96	(98.64)	-2.05%	292.37	5,115.98	5,017.34	-1.93%
	500	175,000	8,919.50	(1,127.03)	-11.22%	465.14	10,511.67	9,384.64	-10.72%
	500	225,000	9,667.70	(1,144.66)	-10.59%	598.04	11,410.39	10,265.73	-10.03%
	500	275,000	10,415.89	(1,162.29)	-10.04%	730.94	12,309.11	11,146.82	-9.44%
	1,000	350,000	16,907.99	(2,864.51)	-14.49%	930.28	20,702.79	17,838.28	-13.84%
	1,000	450,000	18,404.38	(2,899.78)	-13.61%	1,196.08	22,500.23	19,600.46	-12.89%
	1,000	550,000	19,900.76	(2,935.04)	-12.85%	1,461.87	24,297.67	21,362.63	-12.08%
	3,000	1,050,000	48,371.95	(9,782.16)	-16.82%	2,790.85	60,944.96	51,162.80	-16.05%
	3,000	1,350,000	52,183.67	(9,843.31)	-15.87%	3,588.23	65,615.21	55,771.90	-15.00%
	3,000	1,650,000	55,995.39	(9,904.46)	-15.03%	4,385.62	70,285.47	60,381.01	-14.09%
	7,000	2,450,000	109,118.54	(23,473.72)	-17.70%	6,511.98	139,104.24	115,630.52	-16.87%
	7,000	3,150,000	118,012.56	(23,616.40)	-16.67%	8,372.54	150,001.49	126,385.10	-15.74%
	7,000	3,850,000	126,906.57	(23,759.08)	-15.77%	10,233.11	160,898.75	137,139.68	-14.77%

Rate Code	Level of Demand	Level of Usage	Proposed Bill	Dollar Increase	% Increase	Annualized Fuel Cost Additions to Bill	Current Total Bill Including Fuel	Proposed Total Bill Including Fuel	% Change
GS-4						0.02			
Primary	3,000	1,200,000	61,438.57	3,373.75	5.81%	29,216.64	87,281.45	90,655.21	3.87%
	3,000	1,500,000	63,788.31	3,297.09	5.45%	36,520.80	97,012.02	100,309.11	3.40%
	3,000	1,800,000	66,138.05	3,220.44	5.12%	43,824.96	106,742.58	109,963.01	3.02%
	5,000	2,000,000	101,096.68	5,788.60	6.07%	48,694.40	144,002.48	149,791.08	4.02%
	5,000	2,500,000	105,012.92	5,660.84	5.70%	60,868.00	160,220.08	165,880.92	3.53%
	5,000	3,000,000	108,929.16	5,533.08	5.35%	73,041.60	176,437.68	181,970.76	3.14%
	8,000	3,200,000	160,583.85	9,410.88	6.23%	77,911.04	229,084.01	238,494.89	4.11%
	8,000	4,000,000	166,849.84	9,206.46	5.84%	97,388.80	255,032.18	264,238.64	3.61%
	8,000	4,800,000	173,115.82	9,002.04	5.49%	116,866.56	280,980.34	289,982.38	3.20%
	20,000	8,000,000	398,532.54	23,899.99	6.38%	194,777.60	569,410.15	593,310.14	4.20%
	20,000	10,000,000	414,197.50	23,388.93	5.98%	243,472.00	634,280.56	657,669.50	3.69%
	20,000	12,000,000	429,862.46	22,877.88	5.62%	292,166.40	699,150.98	722,028.86	3.27%
	50,000	20,000,000	993,404.25	60,122.76	6.44%	486,944.00	1,420,225.49	1,480,348.25	4.23%
	50,000	25,000,000	1,032,566.65	58,845.12	6.04%	608,680.00	1,582,401.53	1,641,246.65	3.72%
	50,000	30,000,000	1,071,729.05	57,567.48	5.68%	730,416.00	1,744,577.57	1,802,145.05	3.30%
	125,000	50,000,000	2,480,583.54	150,679.68	6.47%	1,217,360.00	3,547,263.85	3,697,943.54	4.25%
	125,000	62,500,000	2,578,489.53	147,485.58	6.07%	1,521,700.00	3,952,703.95	4,100,189.53	3.73%
	125,000	75,000,000	2,676,395.53	144,291.48	5.70%	1,826,040.00	4,358,144.05	4,502,435.53	3.31%
GS-4						0.02			
Subtransmission	3,000	1,200,000	50,397.65	(1.959.33)	-3.74%	28,514.64	80,871.62	78,912.29	-2.42%
	3,000	1,500,000	52,867.17	(2,035.99)	-3.71%	35,643.30	90,546.47	88,510.47	-2.25%
	3,000	1,800,000	55,336.70	(2,112.65)	-3.68%	42,771.96	100,221.31	98,108.66	-2.11%
	5,000	2,000,000	82,121.41	(3.469.76)	-4.05%	47,524.40	133,115.57	129,645.81	-2.61%
	5,000	2,500,000	86,237.28	(3,597.53)	-4.00%	59,405.50	149,240.31	145,642.78	-2.41%
	5,000	3,000,000	90,353.16	(3,725.29)	-3.96%	71,286.60	165,365.05	161,639.76	-2.25%
	8,000	3,200,000	129,707.05	(5,735.41)	-4.23%	76,039.04	211,481.50	205,746.09	-2.71%
	8,000	4,000,000	136,292.45	(5,939.83)	-4.18%	95,048.80	237,281.08	231,341.25	-2.50%
	8,000	4,800,000	142,877.85	(6,144.25)	-4.12%	114,058.56	263,080.67	256,936.41	-2.34%
	20,000	8,000,000	320,049.61	(14,797.99)	-4.42%	190,097.60	524,945.20	510,147.21	-2.82%
	20,000	10,000,000	336,513.11	(15,309.05)	-4.35%	237,622.00	589,444.16	574,135.11	-2.60%
	20,000	12,000,000	352,976.62	(15,820.10)	-4.29%	285,146.40	653,943.12	638,123.02	-2.42%
	50,000	20,000,000	795,906.00	(37,454.44)	-4.49%	475,244.00	1,308,604.44	1,271,150.00	-2.86%
GS-4	50,000	25,000,000	837,064.76	(38,732.08)	-4.42%	594,055.00	1,469,851.85	1,431,119.76	-2.64%
Subtransmission	50,000	30,000,000	878,223.53	(40,009.72)	-4.36%	712,866.00	1,631,099.25	1,591,089.53	-2.45%
	125,000	50,000,000	1,985,546.99	(94,095.57)	-4.52%	1,188.110.00	3,267,752.56	3,173,656.99	-2.88%
	125,000	62,500,000	2,088,443.90	(97,289.67)	-4.45%	1,485,137.50	3,670,871.07	3,573,581.40	-2.65%
	125,000	75,000,000	2,191,340.80	(100,483.77)	-4.38%	1,782,165.00	4,073,989.58	3,973,505.80	-2.47%

OHIO POWER COMPANY
CASE NOS. 11-352-EL-AIR,et al.
Typical Bills Comparison
Staff Proposed

Rate Code	Level of Demand	Level of Usage	Proposed Bill	Dollar Increase	% Increase	Annualized Fuel Cost Additions to Bill	Current Total Bill Including Fuel	Proposed Total Bill Including Fuel	% Change
GS-4						0.02			
Transmission	3,000	1,200,000	48,562.55	(859.35)	-1.74%	28,514.64	77,936.54	77,077.19	-1.10%
	3,000	1,500,000	51,019.16	(936.01)	-1.80%	35,643.30	87,598.47	86,662.46	-1.07%
	3,000	1,800,000	53,475.78	(1,012.66)	-1.86%	42,771.96	97,260.40	96,247.74	-1.04%
	5,000	2,000,000	79,062.91	(1,556.37)	-1.93%	47,524.40	128,143.68	126,587.31	-1.21%
	5,000	2,500,000	83,157.27	(1,684.14)	-1.99%	59,405.50	144,246.90	142,562.77	-1.17%
	5,000	3,000,000	87,251.62	(1,811.90)	-2.03%	71,286.60	160,350.12	158,538.22	-1.13%
	8,000	3,200,000	124,813.45	(2,601.91)	-2.04%	76,039.04	203,454.40	200,852.49	-1.28%
	8,000	4,000,000	131,364.42	(2,806.34)	-2.09%	95,048.80	229,219.56	226,413.22	-1.22%
	8,000	4,800,000	137,915.39	(3,010.76)	-2.14%	114,058.56	254,984.71	251,973.95	-1.18%
	20,000	8,000,000	307,815.61	(6,784.07)	-2.16%	190,097.60	504,697.29	497,913.21	-1.34%
	20,000	10,000,000	324,193.04	(7,295.13)	-2.20%	237,622.00	569,110.17	561,815.04	-1.28%
	20,000	12,000,000	340,570.46	(7,806.19)	-2.24%	285,146.40	633,523.05	625,716.86	-1.23%
	50,000	20,000,000	765,321.02	(17,239.47)	-2.20%	475,244.00	1,257,804.49	1,240,565.02	-1.37%
	50,000	25,000,000	806,264.58	(18,517.11)	-2.25%	594,055.00	1,418,836.69	1,400,319.58	-1.31%
	50,000	30,000,000	847,208.14	(19,794.75)	-2.28%	712,866.00	1,579,868.89	1,560,074.14	-1.25%
	125,000	50,000,000	1,909,084.54	(43,377.96)	-2.22%	1,188,110.00	3,140,572.51	3,097,194.54	-1.38%
	125,000	62,500,000	2,011,443.43	(46,572.07)	-2.26%	1,485,137.50	3,543,153.00	3,496,580.93	-1.31%
	125,000	75,000,000	2,113,802.33	(49,766.17)	-2.30%	1,782,165.00	3,945,733.50	3,895,967.33	-1.26%

OHIO POWER COMPANY
CASE NOS. 11-352-EL-AIR,et al.
Typical Bills Comparison
Staff Proposed

Rate Code		Level of Demand	Level of Usage	Proposed Bill	Dollar Increase	% Increase	Annualized Fuel Cost Additions to Bill	Current Total Bill Including Fuel	Proposed Total Bill Including Fuel	% Change
EHG							0.03			
		30	100	185.90	155.47	510.94%	3.02	33.45	188.92	464.79%
		30	500	201.07	149.41	289.20%	15.11	66.77	216.18	223.77%
		30	1,000	220.04	141.84	181.36%	30.21	108.42	250.26	130.82%
		30	3,000	295.46	111.54	60.64%	90.64	274.56	386.10	40.62%
		30	4,500	351.68	88.81	33.79%	135.96	398.82	487.64	22.27%
		30	6,000	407.90	66.09	19.34%	181.28	523.09	589.18	12.63%
		30	9,000	520.34	20.65	4.13%	271.91	771.61	792.26	2.68%
		30	12,000	632.78	(24.80)	-3.77%	362.55	1,020.13	995.33	-2.43%
		30	15,000	745.22	(70.25)	-8.61%	453.19	1,268.66	1,198.41	-5.54%
		30	20,000	929.82	(145.99)	-13.57%	604.25	1,680.06	1,534.07	-8.69%
		50	5,000	521.70	165.20	46.34%	151.06	507.57	672.76	32.55%
		50	7,500	615.40	127.32	26.09%	226.60	714.67	841.99	17.82%
		50	10,000	709.10	89.45	14.44%	302.13	921.77	1,011.22	9.70%
		50	15,000	896.50	13.71	1.55%	453.19	1,335.98	1,349.69	1.03%
		50	20,000	1,081.09	(62.03)	-5.43%	604.25	1,747.38	1,685.35	-3.55%
		50	25,000	1,265.69	(137.78)	-9.82%	755.32	2,158.79	2,021.01	-6.38%
		100	10,000	1,087.29	299.34	37.99%	302.13	1,090.07	1,389.41	27.46%
		100	15,000	1,274.69	223.60	21.27%	453.19	1,504.28	1,727.88	14.86%
		100	20,000	1,459.28	147.86	11.27%	604.25	1,915.68	2,063.54	7.72%
		100	30,000	1,828.48	(3.63)	-0.20%	906.38	2,738.50	2,734.86	-0.13%
		100	40,000	2,197.68	(155.12)	-6.59%	1,208.51	3,561.31	3,406.19	-4.36%
		200	20,000	2,215.67	567.63	34.44%	604.25	2,252.28	2,819.92	25.20%
		200	30.000	2,584.86	416.15	19.19%	906.38	3,075.10	3,491.24	13.53%
		200	40,000	2,954.06	264.66	9.84%	1,208.51	3,897.91	4,162.57	6.79%
		200	60,000	3,692.45	(38.31)	-1.03%	1,812.76	5,543.53	5,505.22	-0.69%
							0.03			
EHS		55	15,000	609.48	284.22	87.38%	-	716.22	1,000.44	39.68%
		150	30,000	1,415.87	774.67	120.81%	-	1,423.13	2,197.80	54.43%
		225	65,000	2,483.80	1,105.40	80.19%	-	3,072.57	4,177.97	35.98%
SS							0.03			
	1,000 s	10	1,500	137.67	13.40	10.78%	-	167.93	181.33	7.98%
		10	3,000	203.41	(7.93)	-3.75%	-	298.66	290.73	-2.65%
		10	4,500	268.92	(29.26)	-9.81%	-	429.15	399.90	-6.82%
	5,000 s	20	2,000	216.51	61.77	39.92%	-	212.95	274.72	29.01%
		20	4,000	303.86	33.33	12.32%	-	386.94	420.27	8.61%
		20	6,000	391.20	4.89	1.27%	-	560.94	565.83	0.87%

OHIO POWER COMPANY
CASE NOS. 11-352-EL-AIR,et al.
Typical Bills Comparison
Staff Proposed

Rate Code	Level of Demand	Level of Usage	Proposed Bill	Dollar Increase	% Increase	Annualized Fuel Cost Additions to Bill	Current Total Bill Including Fuel	Proposed Total Bill Including Fuel	% Change
10,000 s	20	2,000	217.05	61.77	39.78%	-	213.49	275.26	28.93%
	20	4,000	305.47	33.33	12.25%	-	388.56	421.89	8.58%
	20	6,000	392.82	4.89	1.26%	-	562.55	567.44	0.87%
	40	5,000	460.09	130.06	39.41%	-	475.56	605.62	27.35%
	40	7,500	569.28	94.51	19.91%	-	693.05	787.56	13.64%
	40	10,000	678.46	58.96	9.52%	-	910.54	969.51	6.48%
20,000 s	50	10,000	737.16	114.44	18.38%	-	913.77	1,028.21	12.52%
	50	15,000	955.53	43.34	4.75%	-	1,348.76	1,392.10	3.21%
	50	20,000	1,171.10	(27.75)	-2.31%	-	1,780.94	1,753.19	-1.56%
30,000 s	50	10,000	740.39	114.44	18.28%	-	917.00	1,031.44	12.48%
	50	15,000	958.76	43.34	4.73%	-	1,351.99	1,395.33	3.21%
	50	20,000	1,174.32	(27.75)	-2.31%	-	1,784.17	1,756.42	-1.56%
	100	20,000	1,451.70	249.63	20.77%	-	1,784.17	2,033.80	13.99%
	100	25,000	1,667.27	178.53	11.99%	-	2,216.36	2,394.89	8.06%
	100	30,000	1,882.83	107.43	6.05%	-	2,648.55	2,755.98	4.06%
50,000 s	100	15,000	1,242.60	320.72	34.79%	-	1,358.45	1,679.17	23.61%
	100	30,000	1,889.29	107.43	6.03%	-	2,655.00	2,762.44	4.05%
	200	40,000	2,875.18	520.00	22.08%	-	3,519.38	4,039.37	14.78%
	200	60,000	3,737.44	235.61	6.73%	-	5,248.12	5,483.73	4.49%
	300	60,000	4,292.20	790.37	22.57%	-	5.248.12	6,038.49	15.06%
	300	80,000	5,154.46	505.98	10.88%	-	6,976.87	7,482.84	7.25%
SS									
100,000 s	250	60,000	4,030.97	512.99	14.58%	-	5,264.27	5,777.25	9.74%
	250	80,000	4,893.23	228.60	4.90%	-	6,993.01	7,221.61	3.27%
	400	80,000	5,725.36	1,060.73	22.74%	-	6,993.01	8,053.75	15.17%
	400	120,000	7,449.89	491.96	7.07%	-	10,450.50	10,942.46	4.71%
OL									
Lamp Size									
Mercury Vapor						0.04			
7,000 Lumen		72	13.64	2.54	22.85%	-	14.30	16.84	17.73%
20,000 Lumen		158	19.81	3.25	19.64%	-	23.58	26.83	13.79%

OHIO POWER COMPANY
CASE NOS. 11-352-EL-AIR,et al.
Typical Bills Comparison
Staff Proposed

Rate Code	Level of Demand	Level of Usage	Proposed Bill	Dollar Increase	% Increase	Annualized Fuel Cost Additions to Bill	Current Total Bill Including Fuel	Proposed Total Bill Including Fuel	% Change
	High Pressure Sodium								
	9,000 Lumen	40	11.88	2.83	31.35%	-	10.82	13.66	26.20%
	22,000 Lumen	84	15.99	3.96	32.94%	-	15.77	19.73	25.14%
	Incandescent								
	2,500 Lumen	63	11.78	3.23	37.77%	-	11.36	14.59	28.45%
	4,000 Lumen	98	13.01	3.48	36.51%	-	13.89	17.37	25.05%
	MV Floodlight								
	20,000 Lumen	158	23.61	4.10	21.04%	-	26.53	30.64	15.47%
	50,000 Lumen	378	33.47	4.69	16.30%	-	45.58	50.28	10.29%
	HPS Floodlight								
	22,000 Lumen	84	17.83	3.95	28.47%	-	17.61	21.57	22.44%
	50,000 Lumen	167	20.08	4.39	28.02%	-	23.11	27.50	19.02%
	MH Floodlight								
	17,000 Lumen	100	16.35	3.91	31.48%	-	16.88	20.80	23.19%
	29,000 Lumen	158	17.66	4.61	35.33%	-	20.08	24.69	22.97%
	Post Top-MV								
	7,000 Lumen	72	16.98	4.40	34.99%	-	15.78	20.19	27.89%
OL									
	Post Top-HPS								
	9,000 Lumen	40	21.41	5.51	34.66%	-	17.68	23.19	31.17%
	Facilities Charges:								
	Underground circuit per 25 feet over 30 feet	0	1.02	0.39	61.58%	-	0.63	1.02	61.58%

OHIO POWER COMPANY
CASE NOS. 11-352-EL-AIR,et al.
Typical Bills Comparison
Staff Proposed

Rate Code	Level of Demand	Level of Usage	Proposed Bill	Dollar Increase	% Increase	Annualized Fuel Cost Additions to Bill	Current Total Bill Including Fuel	Proposed Total Bill Including Fuel	% Change
SL									
	On Wood Pole					0.04			
	7,000 lumen mercury vapor	72	6.39	0.33	5.48%	2.75	8.81	9.14	3.77%
	11,000 lumen mercury vapor	100	7.88	0.35	4.60%	3.82	11.34	11.69	3.05%
	20,000 lumen mercury vapor	158	9.00	0.19	2.11%	6.03	14.84	15.02	1.25%
	50,000 lumen mercury vapor	378	15.33	0.02	0.10%	14.42	29.74	29.75	0.05%
	9,000 lumen high pressure sodium	40	7.38	0.50	7.33%	1.53	8.40	8.90	6.00%
	16,000 lumen high pressure sodium	59	8.29	0.45	5.71%	2.25	10.09	10.54	4.43%
	22,000 lumen high pressure sodium	84	9.81	0.45	4.80%	3.20	12.57	13.02	3.57%
	50,000 lumen high pressure sodium	167	12.72	0.22	1.78%	6.37	18.87	19.09	1.18%
	9,000 lumen high pressure sodium (post 1988)	40	13.76	1.64	13.50%	1.53	13.65	15.28	11.99%
	16,000 lumen high pressure sodium (post 1988)	59	16.48	1.58	10.60%	2.25	17.15	18.73	9.21%
	22,000 lumen high pressure sodium (post 1988)	84	17.91	1.58	9.69%	3.20	19.53	21.11	8.10%
	50,000 lumen high pressure sodium (post 1988)	167	23.44	1.36	6.14%	6.37	28.45	29.81	4.76%
	On Metal Pole:								
	7,000 lumen mercury vapor	72	10.04	0.91	9.95%	2.75	11.88	12.79	7.65%
	11,000 lumen mercury vapor	100	11.95	1.01	9.26%	3.82	14.75	15.76	6.87%
	20,000 lumen mercury vapor	158	13.34	0.91	7.31%	6.03	18.46	19.37	4.92%
	50,000 lumen mercury vapor	378	21.00	0.81	3.99%	14.42	34.62	35.42	2.33%
	9,000 lumen high pressure sodium	40	16.67	1.45	9.56%	1.53	16.75	18.20	8.69%
	16,000 lumen high pressure sodium	59	17.54	1.40	8.66%	2.25	18.40	19.79	7.60%
	22,000 lumen high pressure sodium	84	19.10	1.41	7.98%	3.20	20.89	22.31	6.76%
	50,000 lumen high pressure sodium	167	21.98	1.17	5.64%	6.37	27.17	28.35	4.32%
	9,000 lumen high pressure sodium (post 1998)	40	42.24	(0.18)	-0.43%	1.53	43.95	43.76	-0.41%
	16,000 lumen high pressure sodium (post 1998)	59	43.27	(0.25)	-0.57%	2.25	45.77	45.53	-0.54%
	22,000 lumen high pressure sodium (post 1998)	84	44.73	(0.34)	-0.75%	3.20	48.27	47.93	-0.70%
	50,000 lumen high pressure sodium (post 1998)	167	47.64	(0.63)	-1.31%	6.37	54.65	54.01	-1.16%
SL									
	Multiple Lamps on Metal Pole:								
	20,000 lumen mercury vapor	158	11.12	0.58	5.52%	6.03	16.56	17.14	3.51%
	9,000 lumen high pressure sodium	40	12.00	0.98	8.89%	1.53	12.54	13.52	7.80%
	16,000 lumen high pressure sodium	59	12.90	0.92	7.71%	2.25	14.23	15.15	6.49%
	22,000 lumen high pressure sodium	84	14.43	0.94	6.94%	3.20	16.70	17.63	5.61%
	50,000 lumen high pressure sodium	167	17.33	0.70	4.20%	6.37	23.01	23.70	3.04%
	9,000 lumen high pressure sodium (post 1998)	40	24.64	(0.16)	-0.66%	1.53	26.33	26.17	-0.63%
	16,000 lumen high pressure sodium (post 1998)	59	25.55	(0.23)	-0.90%	2.25	28.04	27.80	-0.83%
	22,000 lumen high pressure sodium (post 1998)	84	27.02	(0.32)	-1.18%	3.20	30.55	30.22	-1.05%
	50,000 lumen high pressure sodium (post 1998)	167	30.37	(0.18)	-0.60%	6.37	36.92	36.74	-0.49%

OHIO POWER COMPANY
CASE NOS. 11-352-EL-AIR,et al.
Typical Bills Comparison
Staff Proposed

Rate Code	Level of Demand	Level of Usage	Proposed Bill	Dollar Increase	% Increase	Annualized Fuel Cost Additions to Bill	Current Total Bill Including Fuel	Proposed Total Bill Including Fuel	% Change
	Post Top Unit:								
	7,000 lumen mercury vapor	72	9.95	0.90	9.92%	2.75	11.80	12.69	7.61%
	9,000 lumen high pressure sodium	40	12.78	(0.15)	-1.19%	1.53	14.46	14.31	-1.06%
	9,000 lumen high pressure sodium (post 1988)	40	18.02	1.50	9.08%	1.53	18.04	19.54	8.31%
	Facilities Charges:								
	Receptacle Charge	0	2.41	0.31	14.50%	-	2.10	2.41	14.50%