

**BEFORE THE
PUBLIC UTILITIES COMMISSION OF OHIO**

In the Matter of the Application)	
of Columbus Southern Power)	Case No. 11-2768-EL-RDR
Company to Update The Energy)	
Efficiency and Peak Demand)	
Reduction Rider)	

In the Matter of the Application)	
of Ohio Power Company to)	Case No. 11-2769-EL-RDR
Update The Energy Efficiency)	
and Peak Demand Reduction Rider)	

APPLICATION

- 1 Columbus Southern Power Company (CSP) and Ohio Power Company (OP), collectively referred as “the Companies” or “AEP Ohio,” are electric light companies, as that term is defined in §§4905.03 and 4928.01 (A) (7), Ohio Rev. Code.
- 2 In the Companies’ Electric Security Plan (ESP) proceeding (Case Nos. 08-917-EL-SSO and 08-918-EL-SSO), AEP Ohio proposed a comprehensive energy efficiency and peak demand reduction plan. The Commission ordered AEP Ohio to move forward with the proposed Energy Efficiency/Peak Demand Reduction (EE/PDR) proposed programs and work with the collaborative to refine the process.
- 3 In the Companies’ Portfolio Plan approval proceedings (Case Nos. 09-1089-EL-POR and 09-1090-EL-POR collectively referred to as “2009 Portfolio Approvals”) the Commission approved a settlement that approved the initial EE/PDR rider rates effective on the first billing cycle of January 2010. (May 13, 2009 Opinion and Order)

4. The 2009 Portfolio Approvals also determined the ongoing process to update the Companies' EE/PDR riders. As agreed and ordered by the Commission, the riders shall be trued-up annually to actual program costs, net lost distribution revenues, and shared savings. The net lost distribution revenues will be calculated based on a half-year convention. (May 13, 2009 Opinion and Order). The Order also found that annual true-up of the Companies' EE/PDR Riders will be effective in the first billing cycle of July of 2010 and 2011. In addition, distribution lost revenues and shared savings calculations are to be based on the same data as approved by the Commission in the Companies' annual compliance filings
5. On March 23, 2011, the Commission denied the Companies Application for Rehearing of the Commission's January 27, 2011 Entry denying the Companies net lost distribution revenues on programs established in 2011. This filing is consistent with the Commission's determination that the Companies will be permitted to continue to recover calendar year 2010 lost distribution revenue resulting from the implementation of EE/PDR programs through the existing Commission-approved program until such 2010 lost distribution revenue is recovered during 2011, and not from 2011 implementation.
6. In conformance with the Commission's authorization of such annual filings, the Companies seek authority to true-up and update the Companies' EE/PDR Riders. The proposed updates to the EE/PDR Riders, with supporting calculations, are attached to this application. Attachment 1 includes the supporting figures for the true-up of the program costs from 2009 and 2010 and the estimates for 2011. Attachment 2 includes redlined tariff pages reflecting

the change in the rider after the proposed true-up. Attachment 3 includes the 2011 typical bill comparison, reflecting the 2011 proposed true-up. The detail can be found in the attachment but a summary is provided here:

Columbus Southern Power Customers	Change in Typical Bill
Residential	0% to 2.1%
GS-1	0.1%
GS-2	0.1 to 0.2%
GS-3	0.2%
GS-4	0.1% to 0.2%
Ohio Power Customers	
Residential	0.2%
GS-1	-1.0% to -1.3%
GS-2	-1.0% to -1.5%
GS-3	-1.0% to -2.0%
GS-4	-0.5% to -0.6%

7 As directed in the May 13th Order in the 2009 Portfolio Approvals, the Companies propose that their EE/PDR Riders become effective with the first billing cycle of July 2011.

8. The Companies' EE/PDR Riders are just and reasonable and are authorized as part of their ESPs and the 2009 Portfolio Approvals.

Therefore, the Companies request that the Commission approve this application.

Respectfully submitted,

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ATTACHMENT 1

Calculation of Energy Efficiency and Peak Demand Reduction Rider July 2011 - December 2011
Columbus Southern Power

Tariffs	Program Costs (\$)	Net Lost Distribution Revenue (\$)	Shared Savings (\$)	Total (\$)	Allocation on Distribution Revenue (\$)	Allocated Total (\$)	Rider Revenue Actual thru Dec 2010 & Forecast Jan-Jun 2011 (\$)	Total (\$)	Forecasted Metered Energy (kWh)	EE&PDR Rider (\$/kWh)	Revenue Verification (\$)
RS	32,673,314	5,780,206	2,404,324	40,857,844		40,857,844	23,385,558	17,472,285	3,763,338,023	0.0046428	17,472,426
All Other C&I GS4/IRP					97,204,051 6,258,827	40,894,451 2,633,134	26,685,884 1,615,189	14,208,568 1,017,945	4,859,639,806 1,986,539,948	0.0029238 0.0005124	14,208,615 1,017,903
Total C&I	36,179,611	1,334,441	6,013,534	43,527,586	103,462,879	43,527,586	28,301,073	15,226,513	6,846,179,754		15,226,518
Total	68,852,925	7,114,647	8,417,858	84,385,429		84,385,429	51,686,631	32,698,798	10,609,517,777		32,698,944

Calculation of Energy Efficiency and Peak Demand Reduction Rider July 2011 - December 2011
Ohio Power Company

Tariffs	Program Costs (\$)	Net Lost Distribution Revenue (\$)	Shared Savings (\$)	Total (\$)	Allocation on Distribution Revenue (\$)	Allocated Total (\$)	Rider Revenue Actual thru Dec 2010 & Forecast Jan-Jun 2011 (\$)	Net Total (\$)	Forecasted Metered Energy (kWh)	EE&PDR Rider (\$/kWh)	Revenue Verification (\$)
RS	29,956,881	3,701,591	1,788,365	35,446,837		35,446,837	23,884,853	11,561,984	3,632,279,179	0.0031831	11,561,908
All Other C&I GS4/IRP					110,350,741 10,256,217	36,037,522 3,349,399	27,931,084 3,110,899	8,106,437 238,500	6,030,975,573 4,159,625,369	0.0013441 0.0000573	8,106,234 238,347
Total C&I	32,286,104	1,114,365	5,986,452	39,386,921	120,606,958	39,386,921	31,041,983	8,344,938	10,190,600,942		8,344,581
Total	62,242,985	4,815,956	7,774,817	74,833,758		74,833,758	54,926,836	19,906,922	13,822,880,121		19,906,489

Calculation of Energy Efficiency and Peak Demand Reduction Rider July 2011 - December 2011
AEP Ohio

Tariffs	Program Costs (\$)	Net Lost Distribution Revenue (\$)	Shared Savings (\$)	Total (\$)	Allocation on Distribution Revenue (\$)	Allocated Total (\$)	Rider Revenue Actual thru Dec 2010 & Forecast Jan-Jun 2011 (\$)	Total (\$)	Metered Energy (kWh)	EE&PDR Rider (\$/kWh)	Revenue Verification (\$)
RS	62,630,195	9,481,797	4,192,689	76,304,681		76,304,681	47,270,411	29,034,270	7,395,617,202	0.0039259	29,034,454
All Other C&I					207,554,792	76,803,301	54,616,968	22,186,333	10,890,615,379	0.0020372	22,186,362
GS4/IRP					16,515,045	6,111,205	4,726,088	1,385,118	6,146,165,317	0.0002254	1,385,346
Total C&I	68,465,715	2,448,806	11,999,986	82,914,506	224,069,837	82,914,506	59,343,056	23,571,450	17,036,780,696		23,571,708
Total	131,095,910	11,930,603	16,192,675	159,219,188		159,219,188	106,613,468	52,605,720	24,432,397,898		52,606,162

**Annual Total Investments by Program
2009 and 2010 Actual, 2011 Estimate
AEP Ohio**

<u>Program Name</u>	<u>Percent*</u>	<u>2009</u>	<u>2010</u>	<u>2011**</u>	<u>Total AEP Ohio</u>
<u>Residential Program</u>					
Products		\$ 2 927 300	\$ 5 729 197	\$ 8,646,680	\$ 17 303,176
Recycling		\$ 1 389 798	\$ 2 128,295	\$ 5,109,865	\$ 8 627,959
Retrofit		\$ -	\$ 928,990	\$ 3,278 891	\$ 4 207 881
Low Income		\$ (18 974)	\$ 1,150,398	\$ 12 529 007	\$ 13 660 431
New Construction		\$ 23 515	\$ 396,541	\$ 2 920 634	\$ 3 340 690
General Education/Training/Media	90%	\$ 1 654 992	\$ 2,873,882	\$ 4 584 442	\$ 9 113 316
Conservation Kits		\$ 267,635	\$ 532,239	\$ 550 692	\$ 1 350 566
Behavior Modification		\$ 24,374	\$ 1,485 603	\$ 1 751 774	\$ 3,261 751
Pilot Program Fund	50%	\$ -	\$ -	\$ 1,764,425	\$ 1,764,425
Residential Program Subtotal		\$ 6 268 641	\$ 15 225 145	\$ 41,136,410	\$ 62,630,195
<u>C&I Program</u>					
Demand Response		\$ -	\$ 318 388	\$ 1 136 908	\$ 1 455 296
Self-Direct		\$ 104 035	\$ 6 313 868	\$ 5,766,895	\$ 12,184,799
Prescriptive		\$ 1 443 824	\$ 11 448 161	\$ 18,045,361	\$ 30,937,346
Custom		\$ 54 282	\$ 4,401,262	\$ 12 478,996	\$ 16 934,540
New Construction		\$ 22,938	\$ 1,196	\$ 406,190	\$ 430 324
Express Install		\$ -	\$ 159,255	\$ 2 834 904	\$ 2,994 159
Pilot Program Fund	50%	\$ -	\$ 13 950	\$ 1 764 425	\$ 1,778 375
General Education/Training/Media	10%	\$ 183 888	\$ 319 320	\$ 509 382	\$ 1,012,591
LED Traffic Signals		\$ -	\$ 1,210	\$ 737,075	\$ 738,285
C&I Program Subtotal		\$ 1 808 968	\$ 22,976,610	\$ 43,680,137	\$ 68,465,715
Total Program Costs		\$ 8,077,609	\$ 38,201,755	\$ 84,816,547	\$ 131,095,910

* The applicable percentage is 100% unless specific percent shown in column

**Estimates for 2011 are allocated between CSP and OPC based on a ratio calculated by *Business Unit Actual 2010 Total Program Costs/2010 Total Program Costs for CSP and OPC* Estimate for 2011 Department costs include all department costs while 2009 and 2010 direct labor costs are included in Programs

**Allocation of Program Costs by Company - 2009 & 2010 Actual and 2011 Estimate
Columbus Southern Power**

<u>Program Name</u>	<u>Percent*</u>	<u>2009</u>	<u>2010</u>	<u>2011**</u>	<u>Total CSP</u>
<u>Residential Program</u>					
Products		\$ 1,509,831	\$ 3,102,191	\$ 4,553,342	\$ 9,165,364
Recycling		720,590	899,477	2,690,855	4,310,922
Retrofit		-	462,447	1,726,664	2,189,111
Low Income		(9,050)	739,747	6,597,775	7,328,472
New Construction		12,054	201,501	1,538,006	1,751,561
General Education/Training/Media	90%	837,062	1,408,080	2,414,167	4,659,309
Conservation Kits		75,220	271,357	289,994	636,571
Behavior Modification		12,519	767,854	922,484	1,702,857
Pilot Program Fund	50%	-	-	929,146	929,146
Residential Program Subtotal		\$ 3,158,227	\$ 7,852,653	\$ 21,662,433	\$ 32,673,314
<u>C&I Program</u>					
Demand Response		\$ -	\$ 318,388	\$ 598,696	\$ 917,083
Self-Direct		39,270	3,599,898	3,036,847	6,676,015
Prescriptive		740,342	5,498,284	9,502,687	15,741,312
Custom		28,105	2,608,907	6,571,439	9,208,451
New Construction		11,747	610	213,899	226,256
Express Install		-	70,200	1,492,861	1,563,061
Pilot Program Fund	50%	-	11,823	929,146	940,969
General Education/Training/Media	10%	93,007	156,453	268,241	517,701
LED Traffic Signals		-	617	388,144	388,761
C&I Program Subtotal		\$ 912,471	\$ 12,265,180	\$ 23,001,960	\$ 36,179,611
Total Program Cost		\$ 4,070,698	\$ 20,117,833	\$ 44,664,393	\$ 68,852,925

*Note The applicable percentage is 100% unless specific percent shown in column.

**Estimates for 2011 are allocated between CSP and OPC based on a ratio calculated by *Business Unit Actual 2010 Total Program Costs/2010 Total Program Costs for CSP and OPC* Estimate for 2011 Department costs include all department costs, while 2009 and 2010 direct labor costs are included in Programs.

**Allocation of Program Costs by Company - 2009 & 2010 Actual and 2011 Estimate
Ohio Power**

<u>Program Name</u>	<u>Percent*</u>	<u>2009</u>	<u>2010</u>	<u>2011**</u>	<u>Total OP</u>
<u>Residential Program</u>					
Products		\$ 1,417,468	\$ 2,627,005	\$ 4,093,338	\$ 8,137,812
Recycling		669,208	1,228,818	2,419,010	4,317,037
Retrofit		0	466,543	1,552,227	2,018,770
Low Income		(9,924)	410,652	5,931,232	6,331,959
New Construction		11,460	195,040	1,382,628	1,589,129
General Education/Training/Media	90%	817,930	1,465,802	2,170,275	4,454,007
Conservation Kits		192,416	260,882	260,697	713,995
Behavior Modification		11,855	717,749	829,290	1,558,894
Pilot Program Fund	50%	0	0	835,279	835,279
Residential Program Subtotal		\$ 3,110,413	\$ 7,372,492	\$ 19,473,976	\$ 29,956,881
<u>C&I Program</u>					
Demand Response		\$ -	\$ -	\$ 538,212	\$ 538,212
Self-Direct		64,765	2,713,970	2,730,048	5,508,784
Prescriptive		703,483	5,949,877	8,542,674	15,196,033
Custom		26,177	1,792,355	5,907,556	7,726,088
New Construction		11,191	587	192,290	204,068
Express Install		0	89,054	1,342,044	1,431,098
Pilot Program Fund	50%	0	2,127	835,279	837,406
General Education/Training/Media	10%	90,881	162,867	241,142	494,890
LED Traffic Signals		0	593	348,931	349,524
C&I Program Subtotal		\$ 896,497	\$ 10,711,430	\$ 20,678,177	\$ 32,286,104
Total Program Cost		\$ 4,006,910	\$ 18,083,922	\$ 40,152,153	\$ 62,242,985

*Note The applicable percentage is 100% unless specific percent shown in column.

**Estimates for 2011 are allocated between CSP and OPC based on a ratio calculated by *Business Unit Actual 2010 Total Program Costs/2010 Total Program Costs for CSP and OPC*. Estimate for 2011 Department costs include all department costs, while 2009 and 2010 direct labor costs are included in Programs.

Annual Incremental Net Energy (MWh) Savings at Meter by Company - 2009
AEP Ohio

<u>Program Name</u>	<u>CSP</u>	<u>OP</u>	<u>Total AEP Ohio</u>
<u>Residential Program</u>			
Products	12 529	8 369	20 898
Recycling	1 149	930	2 079
Retrofit	-	-	-
Low Income	-	-	-
New Construction	-	-	-
Conservation Kits	-	-	-
Behavior Modification	-	-	-
Pilot Program Fund	-	-	-
Residential Program Subtotal	13 678	9 299	22 977
<u>C&I Program</u>			
Prescriptive	2 449	2 747	5 196
Custom	352	894	1 246
New Construction	-	-	-
Express Install	-	-	-
Pilot Program Fund	-	-	-
LED Traffic Signals	-	-	-
C&I Program Subtotal	2 801	3 641	6 442
Portfolio Total	16,478	12,941	29,419

Annual Incremental Net Energy (MWh) Savings at Meter by Company - 2010
AEP Ohio

<u>Program Name</u>	<u>CSP</u>	<u>OP</u>	<u>Total AEP Ohio</u>
<u>Residential Program</u>			
Products	85 405	69 246	154 650
Recycling	7 239	6 581	13 820
Retrofit	-	1	1
Low Income	96	31	127
New Construction	-	-	-
Conservation Kits	-	-	-
Behavior Modification	-	-	-
Pilot Program Fund	-	-	-
Residential Program Subtotal	92 740	75 859	168 599
<u>C&I Program</u>			
Prescriptive	54 270	42 966	97 237
Custom	10 693	10 087	20 779
New Construction	-	-	-
Express Install	-	-	-
Pilot Program Fund	-	-	-
LED Traffic Signals	-	-	-
C&I Program Subtotal	64 963	53 053	118 016
Portfolio Total	157,703	128,912	286,615

Estimated Annual Incremental Net Energy (MWh) Savings at Meter by Company - 2011
AEP Ohio

<u>Program Name</u>	<u>CSP</u>	<u>OP</u>	<u>Total AEP Ohio</u>
<u>Residential Program</u>			
Products	120 273	98 429	218 702
Recycling	12 012	12 143	24 155
Retrofit	-	27	27
Low Income	649	223	872
New Construction	-	-	-
Conservation Kits	-	-	-
Behavior Modification	-	-	-
Pilot Program Fund	-	-	-
Residential Program Subtotal	132 934	110 823	243 756
<u>C&I Program</u>			
Prescriptive	87 147	77 811	164 958
Custom	21 434	15 073	36 507
New Construction	-	-	-
Express Install	-	-	-
Pilot Program Fund	-	-	-
LED Traffic Signals	-	-	-
C&I Program Subtotal	108 580	92 884	201 465
Portfolio Total	241,514	203,707	445,221

Actual Net Lost Distribution Revenue
Based on Annual Incremental Net Energy (kWh) Savings at Meter - 2009
Columbus Southern Power Company

<u>Tariffs</u>	<u>Billed Energy</u> (kWh)	<u>Net Distribution Base Revenue</u> (\$)	<u>Average Revenue</u> (\$/kWh)	<u>Energy Savings at Meter</u> (kWh)	<u>Net Lost Distribution Revenue</u> (\$)
RS	5 013 533 042	130,444,839	\$0 0260185	13,677,724	\$355 874
GS 1	233 812 037	3 453 510		22,717	
GS 2	1,290 775 753	18 680 122		324 214	
GS 3	5,281,065,627	39,929,835		2,421,764	
Subtotal GS1-GS3	6,805,653 417	62,063,467	\$0 0091194	2,768,695	\$25,249
GS4/IRP	2,995,771,927	4,783,728	\$0.0015968	32,034	\$51
Total C&I	9,801 425,344	66 847 195	\$0 0068202	2 800 729	\$25,300
Total	14 814 958 386	197,292,034		16 478,453	\$381,174

Actual Net Lost Distribution Revenue
Based on Annual Incremental Net Energy (kWh) Savings at Meter - 2010
Columbus Southern Power Company

<u>Tariffs</u>	<u>Billed Energy</u> (kWh)	<u>Net Distribution Base Revenue</u> (\$)	<u>Average Revenue</u> (\$/kWh)	<u>Energy Savings at Meter</u> (kWh)	<u>Net Lost Distribution Revenue</u> (\$)
RS	7,732,957,159	185,870 475	\$0 0240361	92,740,260	\$2,229 118
GS 1	342,714,432	5 062,083		461,063	
GS 2	1,794,279,994	24,802,906		6,046,875	
GS 3	7,110,100,457	52,759,599		45,071,722	
Subtotal GS1-GS3	9 247 094 883	82,624,588	\$0 0089352	51 579 660	\$460,874
GS4/IRP	3,801,312,018	5,843,751	\$0.0015373	13,383,459	\$20,574
Total C&I	13,048,406,901	88 468 339	\$0 0067800	64,963 119	\$481 449
Total	20 781 364 060	274,338,814		157 703 379	\$2,710,567

Estimated Net Lost Distribution Revenue
Based on Annual Incremental Net Energy (kWh) Savings at Meter - 2011
Columbus Southern Power Company

<u>Tariffs</u>	<u>Billed Energy</u> (kWh)	<u>Net Distribution Base Revenue</u> (\$)	<u>Average Revenue</u> (\$/kWh)	<u>Energy Savings at Meter</u> (kWh)	<u>Net Lost Distribution Revenue</u> (\$)
RS	7 732 957 159	185 870,475	\$0 0240361	132 933 700	\$3 195,214
GS 1	342 714 432	5 062,083		612 248	
GS 2	1 794,279,994	24,802,906		9 497,903	
GS 3	7,110,100,457	52,759,599		79,208,748	
Subtotal GS1-GS3	9,247,094,883	82,624 588	\$0 0089352	89 318 899	\$798,082
GS4/IRP	3,801,312,018	5,843,751	\$0.0015373	19,261,368	\$29,610
Total C&I	13,048 406,901	88,468,339	\$0 0067800	108,580,267	\$827,692
Total	20,781,364,060	274,338,814		241 513 967	\$4 022 906

**Calculation of Net Lost Distribution Revenue
Based on Annual Incremental Net Energy (kWh) Savings at Meter - 2009
Ohio Power Company**

<u>Tariffs</u>	<u>Billed Energy (kWh)</u>	<u>Net Distribution Base Revenue (\$)</u>	<u>Average Revenue (\$/kWh)</u>	<u>Energy Savings at Meter (kWh)</u>	<u>Net Lost Distribution Revenue (\$)</u>
RS	4 923 639 033	103 867 018	\$0 0210956	9 299 415	\$196 177
GS 1	261 525,048	731 683		2,562	
GS 2	2 425 995,800	28 874 955		1 073 804	
GS 3	4,539,611,079	38,219,009		1,743,983	
Subtotal GS	7 227 131 927	67 825,647	\$0 0093849	2 820 349	\$26 469
GS4/IRP	5 677 914,501	9 177 787	\$0 0016164	820,971	\$1,327
EHG	14 558 300	202,531			
EHS/SS	34,044,440	422,112			
Total C&I	12 953 649,168	77 628 078	\$0 0059928	3 641 320	\$27 796
Total	17,877 288 201	181,495,096		12,940 735	\$223,973

**Calculation of Net Lost Distribution Revenue
Based on Annual Incremental Net Energy (kWh) Savings at Meter - 2010
Ohio Power Company**

<u>Tariffs</u>	<u>Billed Energy (kWh)</u>	<u>Net Distribution Base Revenue (\$)</u>	<u>Average Revenue (\$/kWh)</u>	<u>Energy Savings at Meter (kWh)</u>	<u>Net Lost Distribution Revenue (\$)</u>
RS	7,608 259 860	142,864,424	\$0 0187775	75 858,667	\$1 424,439
GS 1	377 566,883	963 621		916 613	
GS 2	3 525,846,078	35 894 858		18 143,683	
GS 3	6,129,068,823	44,342,795		28,455,312	
Subtotal GS	10,032 481 784	81,201,275	\$0 0080938	47,515,608	\$384,584
GS4/IRP	8 031 533,914	12 115 454	\$0 0015085	5 537 537	\$8 353
EHG	23,182,271	298 276			
EHS/SS	44,183,045	515,017			
Total C&I	18 131,381,014	94 130 022	\$0 0051916	53 053 145	\$392 937
Total	25 739 640 874	236,994,446		128 911 812	\$1,817,376

**Estimated Net Lost Distribution Revenue
Based on Annual Incremental Net Energy (kWh) Savings at Meter - 2011
Ohio Power Company**

<u>Tariffs</u>	<u>Billed Energy (kWh)</u>	<u>Net Distribution Base Revenue (\$)</u>	<u>Average Revenue (\$/kWh)</u>	<u>Energy Savings at Meter (kWh)</u>	<u>Net Lost Distribution Revenue (\$)</u>
RS	7 608 259,860	142 864 424	\$0 0187775	110 822 530	\$2,080 975
GS 1	377,566 883	963,621		1 651 260	
GS 2	3 525 846 078	35,894 858		30 099 288	
GS 3	6,129,068,823	44,342,795		52,302,372	
Subtotal GS	10,032,481,784	81 201,275	\$0 0080938	84,052 920	\$680,311
GS4/IRP	8 031,533,914	12 115 454	\$0 0015085	8,831,388	\$13 322
EHG	23 182 271	298,276			
EHS/SS	44,183,045	515,017			
Total C&I	18 131,381 014	94 130 022	\$0 0051916	92,884,308	\$693 633
Total	25,739 640 874	236,994,446		203,706,838	\$2 774 608

Actual 2009 AEP Ohio EE/PDR Shared Savings
Columbus Southern Power Company

Program Name	2009 Program Investment	2009 Net Benefits	Shared Savings 15%	Shared Savings After Cap* 17%	Tax Gross-Up 55.729%	Pre-Tax Shared Savings
<u>Measurable Residential Program</u>						
Consumer Sector						
Products	\$ 1,509,831	\$ 6,301,918				
Recycling	720,690	706,231				
Retrofit	-	-				
Low Income	(9,050)	-				
New Construction	12,054	-				
Conservation Kits	75,220	194,158				
Behavior Modification	12,519	-				
Pilot Program Fund	-	-				
Subtotal	\$ 2,321,165	\$ 7,202,307				\$ 643,416
<u>Measurable C&I Program</u>						
Demand Response	\$ -	\$ -				
Prescriptive	740,342	1,996,328				
Custom	28,105	(7,900)				
New Construction	11,747	-				
Express Install	-	-				
LED Traffic Signals	-	-				
Pilot Program Fund	-	-				
Subtotal	\$ 780,194	\$ 1,988,428				\$ 177,636
Total	\$ 3,101,359	\$ 9,190,735	\$ 1,378,610	\$ 527,231	\$ 293,821	\$ 821,052

* Assumes Benchmark EE Target Achievement of: Greater than 115%

Actual 2010 AEP Ohio EE/PDR Shared Savings
Columbus Southern Power Company

Program Name	2010 Program Investment	2010 Net Benefits	Shared Savings 15%	Shared Savings After Cap* 17%	Tax Gross-Up 55.711%	Pre-Tax Shared Savings
<u>Measurable Residential Program</u>						
Consumer Sector						
Products	\$ 3,102,191	\$ 11,455,868				
Recycling	899,477	462,217				
Retrofit	462,447	(215,066)				
Low Income	739,747	(381,042)				
New Construction	201,501	(134,429)				
Conservation Kits	271,357	(13,480)				
Behavior Modification	767,854	(567,934)				
Pilot Program Fund	-	-				
Subtotal	\$ 6,444,574	\$ 10,606,134				\$ 935,331
<u>Measurable C&I Program</u>						
Demand Response	\$ 318,388	\$ (229,805)				
Prescriptive	5,498,284	26,285,040				
Custom	2,608,907	8,279,128				
New Construction	610	-				
Express Install	70,200	(55,623)				
LED Traffic Signals	617	-				
Pilot Program Fund	11,823	-				
Subtotal	\$ 8,508,828	\$ 34,278,740				\$ 3,022,964
Total	\$ 14,953,402	\$ 44,884,874	\$ 6,732,731	\$ 2,542,078	\$ 1,416,217	\$ 3,958,295

* Assumes Benchmark EE Target Achievement of: Greater than 115%

Estimated 2011 AEP Ohio EE/PDR Shared Savings
Columbus Southern Power Company

Program Name	2011 Program Investment	2011 Net Benefits	Shared Savings 15%	Shared Savings After Cap* 6%	Tax Gross-Up 55.711%	Pre-Tax Shared Savings
<u>Measurable Residential Program</u>						
Consumer Sector						
Products	\$ 4,553,342	\$ 3,996,857				
Recycling	2,690,855	682,722				
Retrofit	1,726,664	146,911				
Low Income	6,597,775	(2,338,292)				
New Construction	1,538,006	(707,244)				
Conservation Kits	289,994	689,237				
Behavior Modification	922,484	4,147,095				
Pilot Program Fund	929,146	-				
Subtotal	\$ 19,248,266	\$ 6,617,286				\$ 825,577
<u>Measurable C&I Program</u>						
Demand Response	\$ 598,696	\$ -				
Prescriptive	9,502,687	15,043,989				
Custom	6,571,439	7,453,900				
New Construction	213,899	48,765				
Express Install***	1,492,861	-				
LED Traffic Signals****	388,144	-				
Pilot Program Fund	929,146	-				
Subtotal	\$ 19,696,872	\$ 22,546,654				\$ 2,812,934
Total	\$ 38,945,139	\$ 29,163,940	\$ 4,374,591	\$ 2,336,708	\$ 1,301,803	\$ 3,638,511

**Actual 2009 AEP Ohio EE/PDR Shared Savings
Ohio Power Company**

<u>Program Name</u>	<u>2009 Program Investment</u>	<u>2009 Net Benefits</u>	<u>Shared Savings 15%</u>	<u>Shared Savings After Cap** 17%</u>	<u>Tax Gross-Up 56.849%</u>	<u>Pre-Tax Shared Savings</u>
<u>Measurable Residential Program</u>						
Consumer Sector						
Products	\$ 1,417,468	\$ 4,775,048				
Recycling	669,208	496,617				
Retrofit	-	-				
Low Income	(9,924)	-				
New Construction	11,460	-				
Conservation Kits	192,416	272,569				
Behavior Modification	11,855	-				
Pilot Program Fund	-	-				
Subtotal	\$ 2,292,484	\$ 5,544,234				\$ 443,749
<u>Measurable C&I Program</u>						
Demand Response	\$ -	\$ -				
Prescriptive	703,483	4,523,762				
Custom	26,177	37,454				
New Construction	11,191	-				
Express Install	-	-				
LED Traffic Signals	-	-				
Pilot Program Fund	-	-				
Subtotal	\$ 740,851	\$ 4,561,216				\$ 365,070
Total	\$ 3,033,334	\$ 10,105,450	\$ 1,515,818	\$ 515,667	\$ 293,152	\$ 808,819

* Assumes Benchmark EE Target Achievement of: Greater than 115%

**Actual 2010 AEP Ohio EE/PDR Shared Savings
Ohio Power Company**

<u>Program Name</u>	<u>2010 Program Investment</u>	<u>2010 Net Benefits</u>	<u>Shared Savings 15%</u>	<u>Shared Savings After Cap** 17%</u>	<u>Tax Gross-Up 57.010%</u>	<u>Pre-Tax Shared Savings</u>
<u>Measurable Residential Program</u>						
Consumer Sector						
Products	\$ 2,627,005	\$ 9,895,658				
Recycling	1,228,818	509,721				
Retrofit	466,543	(214,431)				
Low Income	410,652	(233,124)				
New Construction	195,040	(100,339)				
Conservation Kits	260,882	277,086				
Behavior Modification	717,749	(622,810)				
Pilot Program Fund	-	-				
Subtotal	\$ 5,906,689	\$ 9,511,761				\$ 951,929
<u>Measurable C&I Program</u>						
Demand Response	\$ -	\$ -				
Prescriptive	5,949,877	21,627,152				
Custom	1,792,355	5,551,396				
New Construction	587	-				
Express Install	89,054	(41,487)				
LED Traffic Signals	593	-				
Pilot Program Fund	2,127	-				
Subtotal	\$ 7,834,593	\$ 27,137,051				\$ 2,715,853
Total	\$ 13,741,282	\$ 36,648,812	\$ 5,497,322	\$ 2,336,018	\$ 1,331,764	\$ 3,667,782

* Assumes Benchmark EE Target Achievement of: Greater than 115%

Actual 2011 AEP Ohio EE/PDR Shared Savings

<u>Program Name</u>	<u>2011 Program Investment</u>	<u>2011 Net Benefits</u>	<u>Shared Savings 15%</u>	<u>Shared Savings After Cap** 6%</u>	<u>Tax Gross-Up 57.010%</u>	<u>Pre-Tax Shared Savings</u>
<u>Measurable Residential Program</u>						
Consumer Sector						
Products	\$ 4,093,338	\$ 3,588,585				
Recycling	2,419,010	933,531				
Retrofit	1,552,227	340,580				
Low Income	5,931,232	(2,124,107)				
New Construction	1,382,628	(112,056)				
Conservation Kits	260,697	426,537				
Behavior Modification	829,290	1,436,402				
Pilot Program Fund	835,279	-				
Subtotal	\$ 17,303,702	\$ 4,469,472				\$ 392,687
<u>Measurable C&I Program</u>						
Demand Response	\$ 538,212	-				
Prescriptive	8,542,674	22,913,911				
Custom	5,907,556	10,197,815				
New Construction	192,290	106,316				
Express Install	1,342,044	-				
LED Traffic Signals	348,931	-				
Pilot Program Fund	835,279	-				
Subtotal	\$ 17,706,987	\$ 33,218,042				\$ 2,905,529
Total	\$ 35,010,689	\$ 37,707,514	\$ 5,656,127	\$ 2,100,641	\$ 1,197,575	\$ 3,298,216

* Assumes Benchmark EE Target Achievement of: Compliance to 106%

ATTACHMENT 2

P.U.C.O. NO. 7

ENERGY EFFICIENCY AND PEAK DEMAND REDUCTION COST RECOVERY RIDER

Effective Cycle 1 June ~~2010~~2011, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Energy Efficiency and Peak Demand Reduction Cost Recovery charge per KWH as follows:

Schedule	¢/KWH
R-R, R-R-1, RLM, RS-ES and RS-TOD	0.284150.46428
GS-1	0.275890.29238
GS-2 and GS-2-TOD	0.275890.29238
GS-3	0.275890.29238
GS-4 and IRP-D	0.041080.05124
SBS	0.00000
SL	0.00000
AL	0.00000

If approved by the Commission, mercantile customers that have committed their demand response or other customer-sited capabilities, whether existing or new, for integration into the Company's demand response, energy efficiency or peak demand reduction programs, may be exempted from this Rider.

Filed pursuant to Order dated May 13, 2010, in Case No. ~~09-1089-EL-POR~~

Issued: May 21, 2010

Effective: Cycle 1 June 2010-2011

Issued by
Joseph Hamrock, President
AEP Ohio

P.U.C.O NO. 7

OAD – ENERGY EFFICIENCY AND PEAK DEMAND REDUCTION COST RECOVERY RIDER
(Open Access Distribution – Energy Efficiency and Peak Demand Reduction Cost Recovery Rider)

Effective Cycle 1 June 20102011, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Energy Efficiency and Peak Demand Reduction Cost Recovery charge per KWH as follows:

Schedule	¢/KWH
OAD-RS	<u>0.284150.46428</u>
OAD-GS-1	<u>0.275890.29238</u>
OAD-GS-2	<u>0.275890.29238</u>
OAD-GS-3	<u>0.275890.29238</u>
OAD-GS-4	<u>0.041080.05124</u>
OAD-SBS	0.00000
OAD-SL	0.00000
OAD-AL	0.00000

If approved by the Commission, mercantile customers that have committed their demand response or other customer-sited capabilities, whether existing or new, for integration into the Company's demand response, energy efficiency or peak demand reduction programs, may be exempted from this Rider.

Filed pursuant to Order dated May 13, 2010 _____ in Case No. 09-1089-EL-POR _____

Issued: May 21, 2010 _____

Effective: Cycle 1 June 20102011

Issued by
Joseph Hamrock, President
AEP Ohio

P U C O. NO. 19

ENERGY EFFICIENCY AND PEAK DEMAND REDUCTION COST RECOVERY RIDER

Effective Cycle 1 June 20102011, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Energy Efficiency and Peak Demand Reduction Cost Recovery charge per KWH as follows:

Schedule	¢/KWH
RS, RS-ES, RS-TOD and RDMS	0.294050.31831
GS-1	0.260730.13441
GS-2 and GS-TOD	0.260730.13441
GS-3	0.260730.13441
GS-4 and IRP-D	0.036620.00573
EHG	0.260730.13441
EHS	0.260730.13441
SS	0.260730.13441
OL	0.00000
SL	0.00000
SBS	0.00000

If approved by the Commission, mercantile customers that have committed their demand response or other customer-sited capabilities, whether existing or new, for integration into the Company's demand response, energy efficiency or peak demand reduction programs, may be exempted from this Rider.

Filed pursuant to Order dated May 13, 2010 _____ in Case No. 09-1090-EL-POR _____

Issued: May 21, 2010 _____

Effective: Cycle 1 June 20102011

Issued by
Joseph Hamrock, President
AEP Ohio

P U C O NO 19

OAD – ENERGY EFFICIENCY AND PEAK DEMAND REDUCTION COST RECOVERY RIDER
 (Open Access Distribution – Energy Efficiency and Peak Demand Reduction Cost Recovery Rider)

Effective Cycle 1 June 2010 2011, all customer bills subject to the provisions of this Rider, including any bills rendered under special contract, shall be adjusted by the Energy Efficiency and Peak Demand Reduction Cost Recovery charge per KWH as follows:

Schedule	¢/KWH
OAD – RS	0.294050.31831
OAD – GS-1	0.260730.13441
OAD – GS-2	0.260730.13441
OAD – GS-3	0.260730.13441
OAD – GS-4	0.036620.00573
OAD – EHG	0.260730.13441
OAD – EHS	0.260730.13441
OAD – SS	0.260730.13441
OAD – OL	0.00000
OAD – SL	0.00000
OAD – SBS	0.00000

If approved by the Commission, mercantile customers that have committed their demand response or other customer-sited capabilities, whether existing or new, for integration into the Company's demand response, energy efficiency or peak demand reduction programs, may be exempted from this Rider.

Filed pursuant to Order dated May 13, 2010 _____ in Case No. 09-1090-EL-POR _____

Issued: May 21, 2010 _____

Effective: Cycle 1 June 2010-2011

Issued by
 Joseph Hamrock, President
 AEP Ohio

ATTACHMENT 3

Columbus Southern Power Company
2011 Typical Bill Comparison - Reflecting 2011 Proposed EE PDR True-up

<u>Tariff</u>	<u>kWh</u>	<u>KW</u>	<u>Current</u>	<u>Proposed</u>	<u>\$</u> <u>Difference</u>	<u>Difference</u>
<u>Residential</u>						
RR1	100		\$16.38	\$16.56	\$0.18	1.1%
	250		\$33.19	\$33.19	\$0.00	0.0%
	500		\$60.87	\$60.87	\$0.00	0.0%
RR Winter	750		\$94.41	\$95.76	\$1.35	1.4%
	1,000		\$113.00	\$114.80	\$1.80	1.6%
	1,500		\$144.70	\$147.40	\$2.70	1.9%
	2,000		\$176.43	\$180.04	\$3.61	2.1%
RR Summer	750		\$94.41	\$95.76	\$1.35	1.4%
	1,000		\$124.03	\$125.83	\$1.80	1.5%
	1,500		\$183.29	\$185.99	\$2.70	1.5%
	2,000		\$242.59	\$246.20	\$3.61	1.5%
RR Annual	750		\$94.41	\$95.76	\$1.35	1.4%
	1,000		\$116.68	\$118.48	\$1.80	1.5%
	1,500		\$157.56	\$160.26	\$2.70	1.7%
	2,000		\$198.48	\$202.09	\$3.61	1.8%
GS-1						
	375	3	\$57.08	\$57.15	\$0.07	0.1%
	1,000	3	\$136.57	\$136.73	\$0.16	0.1%
	750	6	\$104.77	\$104.89	\$0.12	0.1%
	2,000	6	\$231.22	\$231.55	\$0.33	0.1%
GS-2 Secondary						
	1,500	12	\$216.68	\$216.93	\$0.25	0.1%
	4,000	12	\$459.42	\$460.08	\$0.66	0.1%
	6,000	30	\$740.84	\$741.83	\$0.99	0.1%
	10,000	30	\$1,128.87	\$1,130.52	\$1.65	0.2%
	10,000	40	\$1,177.44	\$1,179.09	\$1.65	0.1%
	14,000	40	\$1,565.44	\$1,567.75	\$2.31	0.2%
	12,500	50	\$1,468.50	\$1,470.56	\$2.06	0.1%
	18,000	50	\$2,000.29	\$2,003.26	\$2.97	0.2%
	15,000	75	\$1,832.41	\$1,834.89	\$2.48	0.1%
	30,000	150	\$3,643.28	\$3,648.22	\$4.94	0.1%
	60,000	300	\$7,265.03	\$7,274.93	\$9.90	0.1%
	100,000	500	\$12,094.00	\$12,110.49	\$16.49	0.1%
GS-2 Primary						
	200,000	1,000	\$22,818.25	\$22,851.23	\$32.98	0.1%

Columbus Southern Power Company
2011 Typical Bill Comparison - Reflecting 2011 Proposed EE PDR True-up

<u>Tariff</u>	<u>kWh</u>	<u>KW</u>	<u>Current</u>	<u>Proposed</u>	<u>\$</u> <u>Difference</u>	<u>Difference</u>
GS-3						
Secondary						
	30,000	75	\$2,730.08	\$2,735.02	\$4.94	0.2%
	50,000	75	\$3,679.55	\$3,687.79	\$8.24	0.2%
	30,000	100	\$3,120.67	\$3,125.61	\$4.94	0.2%
	36,000	100	\$3,405.48	\$3,411.42	\$5.94	0.2%
	60,000	150	\$5,321.26	\$5,331.16	\$9.90	0.2%
	100,000	150	\$7,220.17	\$7,236.66	\$16.49	0.2%
	90,000	300	\$9,075.69	\$9,090.53	\$14.84	0.2%
	120,000	300	\$10,499.87	\$10,519.66	\$19.79	0.2%
	150,000	300	\$11,924.07	\$11,948.80	\$24.73	0.2%
	200,000	300	\$14,297.68	\$14,330.66	\$32.98	0.2%
	150,000	500	\$15,030.73	\$15,055.46	\$24.73	0.2%
	180,000	500	\$16,454.89	\$16,484.57	\$29.68	0.2%
	200,000	500	\$17,404.35	\$17,437.33	\$32.98	0.2%
	325,000	500	\$23,338.44	\$23,392.04	\$53.60	0.2%
GS-3						
Primary						
	300,000	1,000	\$28,487.71	\$28,537.18	\$49.47	0.2%
	360,000	1,000	\$31,270.23	\$31,329.60	\$59.37	0.2%
	400,000	1,000	\$33,125.24	\$33,191.20	\$65.96	0.2%
	650,000	1,000	\$44,719.11	\$44,826.29	\$107.18	0.2%
GS-4						
	1,500,000	5,000	\$124,225.36	\$124,377.76	\$152.40	0.1%
	2,500,000	5,000	\$163,107.03	\$163,361.03	\$254.00	0.2%
	3,250,000	5,000	\$192,268.31	\$192,598.51	\$330.20	0.2%
	3,000,000	10,000	\$227,735.57	\$228,040.37	\$304.80	0.1%
	5,000,000	10,000	\$305,498.92	\$306,006.92	\$508.00	0.2%
	6,500,000	10,000	\$363,821.42	\$364,481.82	\$660.40	0.2%
	6,000,000	20,000	\$434,740.62	\$435,350.22	\$609.60	0.1%
	10,000,000	20,000	\$590,267.29	\$591,283.29	\$1,016.00	0.2%
	13,000,000	20,000	\$706,912.31	\$708,233.11	\$1,320.80	0.2%
	15,000,000	50,000	\$1,055,778.77	\$1,057,302.77	\$1,524.00	0.1%
	25,000,000	50,000	\$1,444,595.47	\$1,447,135.47	\$2,540.00	0.2%
	32,500,000	50,000	\$1,736,207.98	\$1,739,509.98	\$3,302.00	0.2%

Edison Electric Institute
Typical Net Monthly Bills

Columbus Southern Power Company

RESIDENTIAL - RR1

Bill Calculations		Rate Schedule Charges		100 kWh	250 kWh	500 kWh
Customer Charge	\$/mo	4 52	D	\$4 52	\$4 52	\$4 52
Energy Charges						
First 800 kWh	\$/kWh	0 0206769	G	2 07	5 17	10 34
	\$/kWh	0 0274267	D	2 74	6 86	13 71
Over 800 kWh	\$/kWh	0 0000000	G	0	0	0
	\$/kWh	0 0057028	D	0	0	0
Subtotal			G	\$2 07	\$5 17	\$10 34
			D	\$7 26	\$11 38	\$18 23
Universal Service Fund	\$/kWh	0 0022828	D	0 23	0 57	1 14
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 00465	D	0 47	1 16	2 33
(Next 13,000)	\$/kWh	0 00419	D	0 00	0 00	0 00
(Over 15,000)	\$/kWh	0 00363	D	0 00	0 00	0 00
Provider of Last Resort Chg	\$/kWh	0 0056955	D	0 57	1 42	2 85
Mon. Power Lit. Termination	\$/kWh	0 0001229	D	0 01	0 03	0 06
Transmission Cost Recovery	\$/kWh	0 0075016	T	0 75	1 88	3 75
Fuel Adjustment Clause	\$/kWh	0 0356086	G	3 56	8 90	17 80
SEET Credit Rider	\$/kWh	-0 0015660	G	(0 16)	(0 39)	(0 78)
Environmental Rider	%	0 0455325	G	0 09	0 24	0 47
EE&PDR Cost Recovery Rider	\$/kWh	0 0028415	D	0 28	0 71	1 42
Econ Dev Cost Recovery Rider	%	6 80493%	D	0 49	0 77	1 24
Enhanced Service Reliability Rider	%	3 30537%	D	0 24	0 38	0 60
gridSMART SM Rider	\$/mo	0 52	D	0 52	0 52	0 52
Total G				5 56	13 92	27 83
Total T				0 75	1 88	3 75
Total D				10 07	16 94 #	28 39
Total Bill				\$16 38	\$32 74	\$59 97

Not applicable to customers who use more than 700 kWh during the summer months

Columbus Southern Power Company

RESIDENTIAL - RR - Winter Rates		Rate		750	1,000	1,500	2,000
Bill Calculations		Schedule		kWh	kWh	kWh	kWh
		Charges					
Customer Charge	\$/mo	4 52	D	\$4 52	\$4 52	\$4 52	\$4 52
Energy Charges							
First 800 kWh	\$/kWh	0 0272515	G	20 44	21.8	21.8	21.8
	\$/kWh	0 0298899	D	22.42	23.91	23.91	23.91
Over 800 kWh	\$/kWh	0 0000000	G	0 00	0 00	0 00	0 00
	\$/kWh	0 0057028	D	0.00	1.14	3.99	6.84
Subtotal			G	\$20 44	\$21 80	\$21 80	\$21 80
			D	\$26 94	\$29 57	\$32 42	\$35 27
Universal Service Fund	\$/kWh	0 0022828	D	1 71	2 28	3 42	4 57
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 0046500	D	3 49	4 65	6 98	9 30
(Next 13 000)	\$/kWh	0 0041900	D	0 00	0 00	0 00	0 00
(Over 15,000)	\$/kWh	0 0036300	D	0 00	0 00	0 00	0 00
Provider of Last Resort Chg	\$/kWh	0 0056955	D	4 27	5 70	8 54	11 39
Mon Power Lit. Termination	\$/kWh	0 0001229	D	0 09	0 12	0 18	0 25
Transmission Cost Recovery	\$/kWh	0 0075016	T	5 63	7 50	11 25	15 00
Environmental Rider	%	0 0455325	G	0 93	0 99	0 99	0 99
Fuel Adjustment Clause	\$/kWh	0 0356086	G	26 71	35 61	53 41	71 22
SEET Credit Rider	\$/kWh	-0 0015660	G	(1 17)	(1 57)	(2 35)	(3 13)
EE&PDR Cost Recovery Rider	\$/kWh	0 0028415	D	2 13	2 84	4 26	5 68
Econ Dev Cost Recovery Rider	%	0 0680493	D	1 83	2 01	2 21	2 40
Enhanced Service Reliability Rider	%	3 30537%	D	0 89	0 98	1 07	1 17
gridSMART SM Rider	\$/mo	0 52	D	0.52	0.52	0.52	0.52
Total G				46 91	56 83 #	73 85 #	90 88
Total T				5 63	7 50	11 25	15 00
Total D				41.87	48.67 #	59.60 #	70.55
Total Bill				\$94 41	\$113 00	\$144 70	\$176 43

Bill Calculations		Rate		3,000	5,000	7,500
		Schedule		kWh	kWh	kWh
		Charges				
Customer Charge	\$/mo	4 52	D	\$4 52	\$4 52	\$4 52
Energy Charges						
First 800 kWh	\$/kWh	0 0272515	G	21.8	21.8	21.8
	\$/kWh	0 0298899	D	23 91	23 91	23 91
Over 800 kWh	\$/kWh	0 0000000	G	0	0	0
	\$/kWh	0 0057028	D	12.55	23.95	38.21
Subtotal			G	\$21 80	\$21 80	\$21 80
			D	\$40 98	\$52 38	\$66 64
Universal Service Fund	\$/kWh	0 0022828	D	6 85	11 41	17 12
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 0046500	D	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 0041900	D	4 19	12 57	23 05
(Over 15,000)	\$/kWh	0 0036300	D	0 00	0 00	0 00
Provider of Last Resort Chg	\$/kWh	0 0056955	D	17 09	28 48	42 72
Mon Power Lit. Termination	\$/kWh	0 0001229	D	0 37	0 61	0 92
Transmission Cost Recovery	\$/kWh	0 0075016	T	22 50	37 51	56 26
Environmental Rider	%	0 0455325	G	0 99	0 99	0 99
Fuel Adjustment Clause	\$/kWh	0 0356086	G	106 83	178 04	267 06
SEET Credit Rider	\$/kWh	-0 0015660	G	(4 70)	(7 83)	(11 75)
EE&PDR Cost Recovery Rider	\$/kWh	0 0028415	D	8 52	14 21	21 31
Econ Dev Cost Recovery Rider	%	0 0680493	D	2 79	3 56	4 53
Enhanced Service Reliability Rider	%	3 30537%	D	1 35	1 73	2 20
gridSMART SM Rider	\$/mo	0 52	D	0.52	0.52	0.52
Total G				124 92	193 00 #	278 10
Total T				22 50	37 51	56 26
Total D				91.96	134.77 #	188.31
Total Bill				\$239 38	\$365 28	\$522 67

Columbus Southern Power Company

RESIDENTIAL - RR - Summer Rates

		Rate		750	1 000	1 500	2 000
Bill Calculations		Schedule		kWh	kWh	kWh	kWh
		Charges					
Customer Charge	\$/mo	4 52	D	\$4 52	\$4 52	\$4 52	\$4 52
Energy Charges	\$/kWh	0 0272515	G	20 44	27 25	40 88	54 5
	\$/kWh	0 0298899	D	22 42	29 89	44 83	59 78
Subtotal			G	\$20 44	\$27 25	\$40 88	\$54 50
			D	\$26 94	\$34 41	\$49 35	\$64 30
Universal Service Fund	\$/kWh	0 0022828	D	1 71	2 28	3 42	4 57
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 0046500	D	3 49	4 65	6 98	9 30
(Next 13 000)	\$/kWh	0 0041900	D	0 00	0 00	0 00	0 00
(Over 15,000)	\$/kWh	0 0036300	D	0 00	0 00	0 00	0 00
Provider of Last Resort Chg	\$/kWh	0 0056955	D	4 27	5 70	8 54	11 39
Mon Power Lit. Termination	\$/kWh	0 0001229	D	0 09	0 12	0 18	0 25
Transmission Cost Recovery	\$/kWh	0 0075016	T	5 63	7 50	11 25	15 00
Environmental Rider	%	0 0455325	G	0 93	1 24	1 86	2 48
Fuel Adjustment Clause	\$/kWh	0 0356086	G	26 71	35 61	53 41	71 22
SEET Credit Rider	\$/kWh	-0 0015660	G	(1 17)	(1 57)	(2 35)	(3 13) #
EE&PDR Cost Recovery Rider	\$/kWh	0 0028415	D	2 13	2 84	4 26	5 68
Econ Dev Cost Recovery Rider	%	0 0680493	D	1 83	2 34	3 36	4 38
Enhanced Service Reliability Rider	%	3 30537%	D	0 89	1 14	1 63	2 13
gridSMART SM Rider	\$/mo	0 52	D	0 52	0 52	0 52	0 52
Total G				46 91	62 53 #	93 80 #	125 07
Total T				5 63	7 50	11 25	15 00
Total D				41 87	54 00 #	78 24 #	102 52
Total Bill				\$94 41	\$124 03	\$183 29	\$242 59

		Rate		3 000	5 000	7 500
Bill Calculations		Schedule		kWh	kWh	kWh
		Charges				
Customer Charge	\$/mo	4 52	D	\$4 52	\$4 52	\$4 52
Energy Charges	\$/kWh	0 0272515	G	81 75	136 26	204 39
	\$/kWh	0 0298899	D	89 67	149 45	224 17
Subtotal			G	\$81 75	\$136 26	\$204 39
			D	\$94 19	\$153 97	\$228 69
Universal Service Fund	\$/kWh	0 0022828	D	6 85	11 41	17 12
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 0046500	D	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 0041900	D	4 19	12 57	23 05
(Over 15,000)	\$/kWh	0 0036300	D	0 00	0 00	0 00
Provider of Last Resort Chg	\$/kWh	0 0056955	D	17 09	28 48	42 72
Mon Power Lit. Termination	\$/kWh	0 0001229	D	0 37	0 61	0 92
Transmission Cost Recovery	\$/kWh	0 0075016	T	22 50	37 51	56 26
Environmental Rider	%	0 0455325	G	3 72	6 20	9 31
Fuel Adjustment Clause	\$/kWh	0 0356086	G	106 83	178 04	267 06
SEET Credit Rider	\$/kWh	-0 0015660	G	(4 70)	(7 83)	(11 75)
EE&PDR Cost Recovery Rider	\$/kWh	0 0028415	D	8 52	14 21	21 31
Econ Dev Cost Recovery Rider	%	0 0680493	D	6 41	10 48	15 56
Enhanced Service Reliability Rider	%	3 30537%	D	3 11	5 09	7 56
gridSMART SM Rider	\$/mo	0 52	D	0 52	0 52	0 52
Total G				187 60	312 67 #	469 01
Total T				22 50	37 51	56 26
Total D				150 55	246 64 #	366 75
Total Bill				\$360 65	\$596 82	\$892 02

Edison Electric Institute
Typical Net Monthly Bills

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Columbus Southern Power Company

GS1		Rate	kW	3	3	6	6
		Schedule	kWh	375	1 000	750	2 000
Bill Calculations		Charges					
Customer Charge	\$/mo	6 47	D	6 47	6 47	6 47	6 47
Energy Charges							
First 1000 kWh	\$/kWh	0 0561653	G	21 06	56 17	42 12	56 17
	\$/kWh	0 0147707	D	5 54	14 77	11 08	14 77
All other kWh	\$/kWh	0 0250670	G	0 00	0 00	0 00	25 07
	\$/kWh	0 0147707	D	0 00	0 00	0 00	14 77
Subtotal			G	\$21 06	\$56 17	\$42 12	\$81 24
			D	\$12 01	\$21 24	\$17 55	\$36 01
Universal Service Fund	\$/kWh	0 0022828	D	0 86	2 28	1 71	4 57
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 0046500	D	1 74	4 65	3 49	9 30
(Next 13 000)	\$/kWh	0 0041900	D	0 00	0 00	0 00	0 00
(Over 15,000)	\$/kWh	0 0036300	D	0 00	0 00	0 00	0 00
Provider of Last Resort Chg	\$/kWh	0 0048959	D	1 84	4 90	3 67	9 79
Mon. Power Lit. Termination	\$/kWh	0 0001229	D	0 05	0 12	0 09	0 25
Transmission Cost Recovery	\$/kWh	0 0063563	T	2 38	6 36	4 77	12 71
Environmental Rider	%	0 0455325	G	0 96	2 56	1 92	3 70
Fuel Adjustment Clause	\$/kWh	0 0326772	G	12 25	32 68	24 51	65 35
SEET Credit Rider	\$/kWh	-0 0015860	G	(0 59)	(1 57)	(1 17)	(3 13)
EE&PDR Cost Recovery Rider	\$/kWh	0 0027589	D	1 03	2 76	2 07	5 52
Econ Dev Cost Recovery Rider	%	0 0680493	D	0 82	1 45	1 19	2 45
Enhanced Service Reliability Rider	%	3 30537%	D	0 40	0 70	0 58	1 19
gridSMART SM Rider	\$/mo	2 27	D	2 27	2 27	2 27	2 27
Total G				33 68	89 84 #	67 38 #	147 16
Total T				2 38	6 36	4 77	12 71
Total D				21 02	40 37 #	32 62 #	71 35
Total Bill				\$57 08	\$136 57	\$104 77	\$231 22

Columbus Southern Power Company

GS2 - Secondary		Rate	kW	12	12	30	30	40	40
		Schedule	kWh	1 500	4 000	6 000	10 000	10 000	14 000
Bill Calculations		Charges							
Customer Charge	\$/mo	9 04	D	\$9 04	\$9 04	\$9 04	\$9 04	\$9 04	\$9 04
Energy Charges	\$/kWh	0 0442346	G	66 35	176 94	265 41	442 35	442 35	619 28
	\$/kWh	0 0003805	D	0 57	1 52	2 28	3 81	3 81	5 33
Demand Charges	\$/kW	3 519	D	42.23	42.23	105.57	105.57	140.76	140.76
Subtotal			G	\$66 35	\$176 94	\$265 41	\$442 35	\$442 35	\$619 28
			D	\$51 84	\$52 79	\$116 89	\$118 42	\$153 61	\$155 13
Universal Service Fund	\$/kWh	0 0022828	D	3 42	9 13	13 70	22 83	22 83	31 96
Advanced Energy Fund Rider	\$/mo	0 0000000	D	0 00	0 00	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 0046500	D	6 98	9 30	9 30	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 0041900	D	0 00	8 38	16 76	33 52	33 52	50 28
(Over 15,000)	\$/kWh	0 0036300	D	0 00	0 00	0 00	0 00	0 00	0 00
Provider of Last Resort Chg	\$/kWh	0 0049897	D	7 48	19 96	29 94	49 90	49 90	69 86
Mon Power Lit. Termination	\$/kWh	0 0001229	D	0 18	0 49	0 74	1 23	1 23	1 72
Transmission Cost Recovery	\$/kWh	0 0027336	T	4 10	10 93	16 40	27 34	27 34	38 27
Transmission Cost Recovery	\$/kW	0 9820000	T	11 78	11 78	29 46	29 46	39 28	39 28
Environmental Rider	%	0 0455325	G	3 02	8 06	12 08	20 14	20 14	28 20
Fuel Adjustment Clause	\$/kWh	0 0348211	G	52 23	139 28	208 93	348 21	348 21	487 50
SEET Credit Rider	\$/kWh	-0 0015660	G	(2 35)	(6 26)	(9 40)	(15 66)	(15 66)	(21 92)
EE&PDR Cost Recovery Rider	\$/kWh	0 0027589	D	4 14	11 04	16 55	27 59	27 59	38 62
Econ Dev Cost Recovery Rider	%	0 0680493	D	3 53	3 59	7 95	8 06	10 45	10 56
Enhanced Service Reliability Rider	%	3 30537%	D	1 71	1 74	3 86	3 91	5 08	5 13
gridSMART SM Rider	\$/mo	2 27	D	2.27	2.27	2.27	2.27	2.27	2.27
Total G				119 25	318 02 #	477 02 #	795 04 #	795 04 #	1113 06
Total T				15 88	22 71	45 86	56 80	66 62	77 55
Total D				81.55	118.69 #	217.96 #	277.03 #	315.78 #	374.83
Total Bill				\$216 68	\$459 42	\$740 84	\$1 128 87	\$1 177 44	\$1 585 44
		Rate	kW	50	50	75	150	300	500
		Schedule	kWh	12 500	18 000	15 000	30 000	60 000	100 000
Bill Calculations		Charges							
Customer Charge	\$/mo	9 04	D	\$9 04	\$9 04	\$9 04	\$9 04	\$9 04	\$9 04
Energy Charges	\$/kWh	0 0442346	G	552 93	796 22	663 52	1 327 04	2 654 08	4 423 46
	\$/kWh	0 0003805	D	4 76	6 85	5 71	11 42	22 83	38 05
Demand Charges	\$/kW	3 519	D	175.95	175.95	263.93	527.85	1,055.70	1,759.50
Subtotal			G	\$552 93	\$796 22	\$663 52	\$1,327 04	\$2 654 08	\$4 423 46
			D	\$189 75	\$191 84	\$278 68	\$548 31	\$1 087 57	\$1 806 59
Universal Service Fund	\$/kWh	0 0022828	D	28 54	41 09	34 24	68 48	136 97	228 28
Advanced Energy Fund Rider	\$/mo	0 0000000	D	0 00	0 00	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 0046500	D	9 30	9 30	9 30	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 0041900	D	44 00	54 47	54 47	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0 0036300	D	0 00	10 89	0 00	54 45	163 35	308 55
Provider of Last Resort Chg	\$/kWh	0 0049897	D	62 37	89 81	74 85	149 69	299 38	498 97
Mon Power Lit. Termination	\$/kWh	0 0001229	D	1 54	2 21	1 84	3 69	7 37	12 29
Transmission Cost Recovery	\$/kWh	0 0027336	T	34 17	49 20	41 00	82 01	164 02	273 36
Transmission Cost Recovery	\$/kW	0 9820000	T	49 10	49 10	73 65	147 30	294 60	491 00
Environmental Rider	%	0 0455325	G	25 18	36 25	30 21	60 42	120 85	201 41
Fuel Adjustment Clause	\$/kWh	0 0348211	G	435 26	626 78	522 32	1044 63	2089 27	3482 11
SEET Credit Rider	\$/kWh	-0 0015660	G	(19 58)	(28 19)	(23 49)	(46 98)	(93 96)	(156 60)
EE&PDR Cost Recovery Rider	\$/kWh	0 0027589	D	34 49	49 66	41 38	82 77	165 53	275 89
Econ Dev Cost Recovery Rider	%	0 0680493	D	12 91	13 05	18 96	37 31	74 01	122 94
Enhanced Service Reliability Rider	%	3 30537%	D	6 27	6 34	9 21	18 12	35 95	59 71
gridSMART SM Rider	\$/mo	2 27	D	2.27	2.27	2.27	2.27	2.27	2.27
Total G				993 79	1 431 06 #	1 192 56 #	2 385 11 #	4 770 24 #	7 950 38
Total T				83 27	98 30	114 65	229 31	458 62	764 36
Total D				391.44	470.93 #	525.20 #	1,028.86 #	2,036.17 #	3,379.26
Total Bill				\$1 468 50	\$2 000 29	\$1 832 41	\$3 643 28	\$7 265 03	\$12 094 00

Columbus Southern Power Company

GS2 - Primary		Rate	kW	1 000
		Schedule	kWh	200 000
Bill Calculations		Charges		
Customer Charge	\$/mo	115 29	D	\$115 29
Energy Charges	\$/kWh	0 0434545	G	8 690 90
	\$/kWh	0 0003805	D	76 10
Demand Charges	\$/kW	2 588	D	2,588.00
Subtotal			G	\$8 690 90
			D	\$2 779 39
Universal Service Fund	\$/kWh	0 0022828	D	456 56
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00
KWH Tax (First 2,000)	\$/kWh	0 0046500	D	9 30
(Next 13 000)	\$/kWh	0 0041900	D	54 47
(Over 15,000)	\$/kWh	0 0036300	D	671 55
Provider of Last Resort Chg	\$/kWh	0 0049897	D	997 94
Mon Power Lit. Termination	\$/kWh	0 0001229	D	24 58
Transmission Cost Recovery	\$/kWh	0 0026445	T	528 90
Transmission Cost Recovery	\$/kW	0 9500000	T	950 00
Environmental Rider	%	0 0455325	G	395 72
Fuel Adjustment Clause	\$/kWh	0 0336854	G	6737 08
SEET Credit Rider	\$/kWh	-0 0015660	G	(313 20)
EE&PDR Cost Recovery Rider	\$/kWh	0 0027589	D	551 78
Econ Dev Cost Recovery Rider	%	0 0680493	D	189 14
Enhanced Service Reliability Rider	%	3 30537%	D	91 87
gridSMART SM Rider	\$/mo	2 27	D	2.27
Total G				15 510 50
Total T				1 478 90
Total D				5,828.85
Total Bill				\$22 818 25

GS3 - Secondary		Ex kVA	0	0	3	3	4	4
		Rate	kW	75	75	100	100	150
		Schedule	kWh	30 000	50 000	30 000	36 000	60 000
Bill Calculations		Charges						
Customer Charge	\$/mo	119 04	D	\$119 04	\$119 04	\$119 04	\$119 04	\$119 04
Energy Charges	\$/kWh	0 0000000	G	0 00	0 00	0 00	0 00	0 00
	\$/kWh	0 0003805	D	11 42	19 03	11 42	13 70	22 83
Demand Charges	\$/kW	9 989	G	749 18	749 18	998 90	998 90	1 498 35
	\$/kW	3 291	D	246 83	246 83	329 10	329 10	493 65
Excess kVA Charges	\$/kVa	0 863	D	0.00	0.00	2.59	2.59	3.45
Subtotal			G	\$749 18	\$749 18	\$998 90	\$998 90	\$1,498 35
			D	\$377 29	\$384 90	\$462 15	\$464 43	\$638 97
Universal Service Fund	\$/kWh	0 0022828	D	68 48	114 14	68 48	82 18	136 97
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 0046500	D	9 30	9 30	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 0041900	D	54 47	54 47	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0 0036300	D	54 45	127 05	54 45	76 23	163 35
Provider of Last Resort Chg	\$/kWh	0 0038635	D	115 91	193 18	115 91	139 09	231 81
Mon Power Lit. Termination	\$/kWh	0 0001229	D	3 69	6 15	3 69	4 42	7 37
Transmission Cost Recovery	\$/kWh	0 0020726	T	62 18	103 63	62 18	74 61	124 36
Transmission Cost Recovery	\$/kW	1 4420000	T	108 15	108 15	144 20	144 20	216 30
Environmental Rider	%	0 0455325	G	34 11	34 11	45 48	45 48	68 22
Fuel Adjustment Clause	\$/kWh	0 0338891	G	1016 67	1694 46	1016 67	1220 01	2033 35
SEET Credit Rider	\$/kWh	-0 0015660	G	(46 98)	(78 30)	(46 98)	(56 38)	(93 96)
EE&PDR Cost Recovery Rider	\$/kWh	0 0027589	D	82 77	137 95	82 77	99 32	165 53
Econ Dev Cost Recovery Rider	%	0 0680493	D	25 67	26 19	31 45	31 60	43 48
Enhanced Service Reliability Rider	%	3 30537%	D	12 47	12 72	15 28	15 35	21 12
gridSMART SM Rider	\$/mo	2 27	D	2.27	2.27	2.27	2.27	2.27
Total G				1 752 98	2 399 45 #	2 014 07 #	2 208 01 #	3 505 96 #
Total T				170 33	211 78	208 38	218 81	340 66
Total D				806.77	1,068.32 #	900.22 #	978.68 #	1,474.64 #
Total Bill				\$2 730 08	\$3 679 55	\$3 120 67	\$3 405 48	\$5 321 26
								\$7 220 17

* KVA in excess of the greater of 100 KVA or 115% of metered kW

Edison Electric Institute
Typical Net Monthly Bills

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Columbus Southern Power Company

GS3 - Secondary (Cont d)		Ex kVA		8	8	8	8
		Rate	kW	300	300	300	300
		Schedule	kWh	90 000	120 000	150 000	200 000
Bill Calculations		Charges					
Customer Charge	\$/mo	119 04	D	\$119 04	\$119 04	\$119 04	\$119 04
Energy Charges	\$/kWh	0 0000000	G	0 00	0 00	0 00	0 00
	\$/kWh	0 0003805	D	34 25	45 66	57 08	76 10
Demand Charges	\$/kW	9 989	G	2 996 70	2 996 70	2 996 70	2 996 70
	\$/kW	3 291	D	987 30	987 30	987 30	987 30
*Excess kVa Charges	\$/kVa	0 863	D	6.90	6.90	6.90	6.90
Subtotal			G	\$2 996 70	\$2 996 70	\$2 996 70	\$2 996 70
			D	\$1 147 49	\$1 158 90	\$1 170 32	\$1 189 34
Universal Service Fund	\$/kWh	0 0022828	D	205 45	273 94	342 42	456 56
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 00465	D	9 30	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 00419	D	54 47	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0.00363	D	272 25	381 15	490 05	671 55
Provider of Last Resort Chg	\$/kWh	0 0038635	D	347 72	463 62	579 53	772 70
Mon Power Lit. Termination	\$/kWh	0 0001229	D	11 06	14 75	18 44	24 58
Transmission Cost Recovery	\$/kWh	0 0020726	T	186 53	248 71	310 89	414 52
Transmission Cost Recovery	\$/kW	1 4420000	T	432 60	432 60	432 60	432 60
Environmental Rider	%	0 0455325	G	136 45	136 45	136 45	136 45
Fuel Adjustment Clause	\$/kWh	0 0338891	G	3050 02	4066 69	5083 37	6777 82
SEET Credit Rider	\$/kWh	-0 0015660	G	(140 94)	(187 92)	(234 90)	(313 20)
EE&PDR Cost Recovery Rider	\$/kWh	0 0027589	D	248 30	331 07	413 84	551 78
Econ Dev Cost Recovery Rider	%	0 0680493	D	78 09	78 86	79 64	80 93
Enhanced Service Reliability Rider	%	3 30537%	D	37 93	38 31	38 68	39 31
gridSMART SM Rider	\$/mo	2 27	D	2.27	2.27	2.27	2.27
Total G				6 042 23	7 011 92 #	7 981 62 #	9 597 77
Total T				619 13	681 31	743 49	847 12
Total D				2,414.33	2,806.64 #	3,198.96 #	3,852.79
Total Bill				\$9 075 69	\$10 499 87	\$11 924 07	\$14 297 68
		Ex kVA		13	13	13	13
		Rate	kW	500	500	500	500
		Schedule	kWh	150 000	180 000	200 000	325 000
Bill Calculations		Charges					
Customer Charge	\$/mo	119 04	D	\$119 04	\$119 04	\$119 04	\$119 04
Energy Charges	\$/kWh	0 0000000	G	0 00	0 00	0 00	0 00
	\$/kWh	0 0003805	D	57 08	68 49	76 10	123 66
Demand Charges	\$/kW	9 989	G	4 994 50	4 994 50	4 994 50	4 994 50
	\$/kW	3 291	D	1 645 50	1 645 50	1 645 50	1 645 50
*Excess kVa Charges	\$/kVa	0 863	D	11.22	11.22	11.22	11.22
Subtotal			G	\$4 994 50	\$4 994 50	\$4 994 50	\$4 994 50
			D	\$1 832 84	\$1 844 25	\$1 851 86	\$1 899 42
Universal Service Fund	\$/kWh	0 0022828	D	342 42	410 90	456 56	741 91
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 00465	D	9 30	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 00419	D	54 47	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0.00363	D	490 05	588 95	671 55	1125 30
Provider of Last Resort Chg	\$/kWh	0 0038635	D	579 53	695 43	772 70	1255 64
Mon Power Lit. Termination	\$/kWh	0 0001229	D	18 44	22 12	24 58	39 94
Transmission Cost Recovery	\$/kWh	0 0020726	T	310 89	373 07	414 52	673 60
Transmission Cost Recovery	\$/kW	1 4420000	T	721 00	721 00	721 00	721 00
Environmental Rider	%	0 0455325	G	227 41	227 41	227 41	227 41
Fuel Adjustment Clause	\$/kWh	0 0338891	G	5083 37	6100 04	6777 82	11013 96
SEET Credit Rider	\$/kWh	-0 0015660	G	(234 90)	(281 88)	(313 20)	(508 95)
EE&PDR Cost Recovery Rider	\$/kWh	0 0027589	D	413 84	496 60	551 78	896 64
Econ Dev Cost Recovery Rider	%	0 0680493	D	124 72	125 50	126 02	129 25
Enhanced Service Reliability Rider	%	3 30537%	D	60 58	60 96	61 21	62 78
gridSMART SM Rider	\$/mo	2 27	D	2.27	2.27	2.27	2.27
Total G				10 070 38	11 040 07 #	11 686 53 #	15 726 92
Total T				1 031 89	1 094 07	1 135 52	1 394 60
Total D				3,928.46	4,320.75 #	4,582.30 #	6,216.92
Total Bill				\$15 030 73	\$16 454 89	\$17 404 35	\$23 338 44

* KVA in excess of the greater of 100 KVA or 115% of metered kW

Columbus Southern Power Company

GS3 - Primary		Ex kVA		26	26	26	26
		Rate	kW	1 000	1 000	1 000	1 000
Bill Calculations		Schedule	kWh	300 000	360 000	400 000	650 000
		Charges					
Customer Charge	\$/mo	265 29	D	\$265 29	\$265 29	\$265 29	\$265 29
Energy Charges	\$/kWh	0 0000721	G	21 63	25 96	28 84	46 87
		0 0003805	D	114 15	136 98	152 20	247 33
Demand Charges	\$/kW	9 662	G	9 662 00	9 662 00	9 662 00	9 662 00
	\$/kW	2 498	D	2 498 00	2 498 00	2 498 00	2 498 00
Excess kVa Charges	\$/kVa	0 835	D	21.71	21.71	21.71	21.71
Subtotal			G	\$9 683 63	\$9 687 96	\$9 690 84	\$9 708 87
			D	\$2 899 15	\$2 921 98	\$2 937 20	\$3 032 33
Universal Service Fund	\$/kWh	0 0022828	D	684 84	821 81	913 12	1483 82
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 00465	D	9 30	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 00419	D	54 47	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0 00363	D	1034 55	1252 35	1397 55	2305 05
Provider of Last Resort Chg	\$/kWh	0 0038635	D	1159 05	1390 86	1545 40	2511 28
Mon Power Lit. Termination	\$/kWh	0 0001229	D	36 87	44 24	49 16	79 89
Transmission Cost Recovery	\$/kWh	0 0020051	T	601 53	721 84	802 04	1303 32
Transmission Cost Recovery	\$/kW	1 3950000	T	1395 00	1395 00	1395 00	1395 00
Environmental Rider	%	0 0455325	G	440 92	441 12	441 25	442 07
Fuel Adjustment Clause	\$/kWh	0 0327838	G	9835 14	11802 17	13113 52	21309 47
SEET Credit Rider	\$/kWh	-0 0015660	G	(469 80)	(563 76)	(626 40)	(1017 90)
EE&PDR Cost Recovery Rider	\$/kWh	0 0027589	D	827 67	993 20	1103 56	1793 29
Econ Dev Cost Recovery Rider	%	0 0680493	D	197 29	198 84	199 87	206 35
Enhanced Service Reliability Rider	%	3 30537%	D	95 83	96 58	97 09	100 23
gridSMART SM Rider	\$/mo	2 27	D	2.27	2.27	2.27	2.27
Total G				19 489 89	21 367 49 #	22 619 21 #	30 442 51
Total T				1 996 53	2 116 84	2 197 04	2 698 32
Total D				7,001.29	7,785.90 #	8,308.99 #	11,578.28
Total Bill				\$28 487 71	\$31 270 23	\$33 125 24	\$44 719 11
GS4			kVA	5 882	5 882	5 882	
		Rate	kW	5 000	5 000	5 000	
Bill Calculations		Schedule	kWh	1 500 000	2 500 000	3 250 000	
		Charges					
Customer Charge	\$/mo	713 41	D	\$713 41	\$713 41	\$713 41	
Energy Charges	\$/kWh	0 0000000	G	0 00	0 00	0 00	
		0 0003805	D	570 75	951 25	1 236 63	
Demand Charges							
First 3000 kVa	\$/kVa	10 030	G	30 090 00	30 090 00	30 090 00	
	\$/kVa	0 665	D	1 995 00	1 995 00	1 995 00	
Over 3000 kVa	\$/kVa	4 235	G	12 205 27	12 205 27	12 205 27	
	\$/kVa	0 665	D	1,916.53	1,916.53	1,916.53	
Subtotal			G	\$42 295 27	\$42 295 27	\$42 295 27	
			D	\$5 195 69	\$5 576 19	\$5 861 57	
Univ Serv Fund < 833 000 KWH	\$/kWh	0 0022828	D	1 901 57	1 901 57	1 901 57	
Univ Serv Fund > 833,000 KWH	\$/kWh	0 0001830	D	122 06	305 06	442 31	
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	
KWH Tax (First 2,000)	\$/kWh	0 00465	D	9 30	9 30	9 30	
(Next 13 000)	\$/kWh	0 00419	D	54 47	54 47	54 47	
(Over 15,000)	\$/kWh	0 00363	D	5 390 55	9 020 55	11 743 05	
Provider of Last Resort Chg	\$/kWh	0 0032753	D	4 912 95	8 188 25	10 644 73	
Mon Power Lit. Termination	\$/kWh	0 0001229	D	184 35	307 25	399 43	
Transmission Cost Recovery	\$/kWh	0 0016812	T	2 521 80	4 203 00	5 463 90	
Transmission Cost Recovery	\$/kVa	2 5210000	T	14 828 52	14 828 52	14 828 52	
Environmental Rider	%	0 0455325	G	1 925 81	1 925 81	1 925 81	
Fuel Adjustment Clause	\$/kWh	0 0307255	G	46 088 25	76 813 75	99 857 88	
SEET Credit Rider	\$/kWh	-0 0015660	G	(2 349 00)	(3 915 00)	(5 089 50)	
EE&PDR Cost Recovery Rider	\$/kWh	0 0004108	D	616 20	1 027 00	1 335 10	
Econ Dev Cost Recovery Rider	%	0 0680493	D	353 56	379 46	398 88	
Enhanced Service Reliability Rider	%	3 30537%	D	171 74	184 31	193 75	
gridSMART SM Rider	\$/mo	2 27	D	2.27	2.27	2.27	
Total G				87 960 33	117 119 83 #	138 989 46	
Total T				17 350 32	19 031 52	20 292 42	
Total D				18,914.71	26,955.68 #	32,986.43	
Total Bill				\$124 225 36	\$163 107 03	\$192 268 31	

"KVA in excess of the greater of 100 KVA or 115% of metered kW

Columbus Southern Power Company

GS4 (Cont'd)		Rate	kVA	11 765	11 765	11 765	23 529	23 529
		Schedule	kW	10 000	10 000	10 000	20 000	20 000
Charges		kWh	kWh	3 000 000	5 000 000	6 500 000	6 000 000	10 000 000
<u>Bill Calculations</u>								
Customer Charge	\$/mo	713 41	D	\$713 41	\$713 41	\$713 41	\$713 41	\$713 41
Energy Charges	\$/kWh	0 0000000	G	0 00	0 00	0 00	0 00	0 00
	\$/kWh	0 0003805	D	1 141 50	1 902 50	2 473 25	2 283 00	3 805 00
Demand Charges								
First 3000 kVa	\$/kVa	10 030	G	30 090 00	30 090 00	30 090 00	30 090 00	30 090 00
	\$/kVa	0 665	D	1 995 00	1 995 00	1 995 00	1 995 00	1 995 00
Over 3000 kVa	\$/kVa	4 235	G	37 119 78	37 119 78	37 119 78	86 940 32	86 940 32
	\$/kVa	0 665	D	5,828.73	5,828.73	5,828.73	13,651.79	13,651.79
Subtotal			G	\$67 209 78	\$67 209 78	\$67 209 78	\$117 030 32	\$117 030 32
			D	\$9 678 64	\$10 439 64	\$11 010 39	\$18 643 20	\$20 165 20
Univ. Serv. Fund < 833 000 KWH	\$/kWh	0 0022828	D	1 901 57	1 901 57	1 901 57	1 901 57	1 901 57
Univ. Serv. Fund > 833 000 KWH	\$/kWh	0 0001830	D	396 56	762 56	1 037 06	945 56	1 677 56
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 00465	D	9 30	9 30	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 00419	D	54 47	54 47	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0.00363	D	10 835 55	18 095 55	23 540 55	21 725 55	36 245 55
Provider of Last Resort Chg	\$/kWh	0 0032753	D	9 825 90	16 376 50	21 289 45	19 651 80	32 753 00
Mon. Power Lit. Termination	\$/kWh	0 0001229	D	368 70	614 50	798 85	737 40	1 229 00
Transmission Cost Recovery	\$/kWh	0 0016812	T	5 043 60	8 406 00	10 927 80	10 087 20	16 812 00
Transmission Cost Recovery	\$/kVa	2 5210000	T	29 659 57	29 659 57	29 659 57	59 316 61	59 316 61
Environmental Rider	%	0 0455325	G	3 060 23	3 060 23	3 060 23	5 328 68	5 328 68
Fuel Adjustment Clause	\$/kWh	0 0307255	G	92 176 50	153 627 50	199 715 75	184 353 00	307 255 00
SEET Credit Rider	\$/kWh	-0 0015660	G	(4 698 00)	(7 830 00)	(10 179 00)	(9 396 00)	(15 660 00)
EE&PDR Cost Recovery Rider	\$/kWh	0 0004108	D	1 232 40	2 054 00	2 670 20	2 464 80	4 108 00
Econ Dev Cost Recovery Rider	%	0.0680493	D	658 62	710 41	749 25	1 268 66	1 372 23
Enhanced Service Reliability Rider	%	3 30537%	D	319 91	345 07	363 93	616 23	666 53
gridSMART SM Rider	\$/mo	2 27	D	2.27	2.27	2.27	2.27	2.27
Total G				157 748 51	216 067 51 #	259 806 76 #	297 316 00 #	413 954 00
Total T				34 703 17	38 065 57	40 587 37	69 403 81	76 128 61
Total D				35,283.89	51,365.84 #	63,427.29 #	68,020.81 #	100,184.68
Total Bill				\$227 735 57	\$305 498 92	\$363 821 42	\$434 740 62	\$590 267 29
		Rate	kVA	23 529	58 824	58 824	58 824	
		Schedule	kW	20 000	50 000	50 000	50 000	
Charges		kWh	kWh	13 000 000	15 000 000	25 000 000	32 500 000	
<u>Bill Calculations</u>								
Customer Charge	\$/mo	713 41	D	\$713 41	\$713 41	\$713 41	\$713 41	
Energy Charges	\$/kWh	0 0000000	G	0 00	0 00	0 00	0 00	
	\$/kWh	0 0003805	D	4 946 50	5 707 50	9 512 50	12 366 25	
Demand Charges								
First 3000 kVa	\$/kVa	10 030	G	30 090 00	30 090 00	30 090 00	30 090 00	
	\$/kVa	0 665	D	1 995 00	1 995 00	1 995 00	1 995 00	
Over 3000 kVa	\$/kVa	4 235	G	86 940 32	236 414 64	236 414 64	236 414 64	
	\$/kVa	0 665	D	13,651.79	37,122.96	37,122.96	37,122.96	
Subtotal			G	\$117 030 32	\$266 504 64	\$266 504 64	\$266 504 64	
			D	\$21 306 70	\$45 538 87	\$49 343 87	\$52 197 62	
Univ. Serv. Fund < 833 000 KWH	\$/kWh	0 0022828	D	1 901 57	1 901 57	1 901 57	1 901 57	
Univ. Serv. Fund > 833 000 KWH	\$/kWh	0 0001830	D	2 226 56	2 592 56	4 422 56	5 795 06	
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00	
KWH Tax (First 2,000)	\$/kWh	0 00465	D	9 30	9 30	9 30	9 30	
(Next 13 000)	\$/kWh	0 00419	D	54 47	54 47	54 47	54 47	
(Over 15,000)	\$/kWh	0.00363	D	47 135 55	54 395 55	90 695 55	117 920 55	
Provider of Last Resort Chg	\$/kWh	0 0032753	D	42 578 90	49 129 50	81 882 50	106 447 25	
Mon. Power Lit. Termination	\$/kWh	0 0001229	D	1 597 70	1 843 50	3 072 50	3 994 25	
Transmission Cost Recovery	\$/kWh	0 0016812	T	21 855 60	25 218 00	42 030 00	54 639 00	
Transmission Cost Recovery	\$/kVa	2 5210000	T	59 316 61	148 295 30	148 295 30	148 295 30	
Environmental Rider	%	0 0455325	G	5 328 68	12 134 62	12 134 62	12 134 62	
Fuel Adjustment Clause	\$/kWh	0 0307255	G	399 431 50	460 882 50	768 137 50	998 578 75	
SEET Credit Rider	\$/kWh	-0 0015660	G	(20 358 00)	(23 490 00)	(39 150 00)	(50 895 00)	
EE&PDR Cost Recovery Rider	\$/kWh	0 0004108	D	5 340 40	6 162 00	10 270 00	13 351 00	
Econ Dev Cost Recovery Rider	%	0.0680493	D	1 449 91	3 098 89	3 357 82	3 552 01	
Enhanced Service Reliability Rider	%	3 30537%	D	704 27	1 505 23	1 631 00	1 725 32	
gridSMART SM Rider	\$/mo	2 27	D	2.27	2.27	2.27	2.27	
Total G				501 432 50	716 031 76 #	1 007 626 76 #	1 226 323 01	
Total T				81 172 21	173 513 30	190 325 30	202 934 30	

Total D
Total Bill

124,307.60	166,233.71	#	246,643.41	#	306,950.67
\$706 912 31	\$1 055 778 77		\$1 444 595 47		\$1 736 207 98

Edison Electric Institute
Typical Net Monthly Bills
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Columbus Southern Power Company

RESIDENTIAL - RR1

		Rate		100	250	500
Bill Calculations		Schedule		kWh	kWh	kWh
		Charges				
Customer Charge	\$/mo	4 52	D	\$4 52	\$4 52	\$4 52
Energy Charges						
First 800 kWh	\$/kWh	0 0206769	G	2 07	5 17	10 34
	\$/kWh	0 0274267	D	2 74	6 86	13 71
Over 800 kWh	\$/kWh	0 0000000	G	0	0	0
	\$/kWh	0 0057028	D	0	0	0
Subtotal			G	\$2 07	\$5 17	\$10 34
			D	\$7 26	\$11 38	\$18 23
Universal Service Fund	\$/kWh	0 0022828	D	0 23	0 57	1 14
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 00465	D	0 47	1 16	2 33
(Next 13 000)	\$/kWh	0 00419	D	0 00	0 00	0 00
(Over 15,000)	\$/kWh	0 00363	D	0 00	0 00	0 00
Provider of Last Resort Chg	\$/kWh	0 0056955	D	0 57	1 42	2 85
Mon Power Lit. Termination	\$/kWh	0 0001229	D	0 01	0 03	0 06
Transmission Cost Recovery	\$/kWh	0 0075016	T	0 75	1 88	3 75
Fuel Adjustment Clause	\$/kWh	0 0356086	G	3 56	8 90	17 80
SEET Credit Rider	\$/kWh	-0 0015660	G	(0 16)	(0 39)	(0 78)
Environmental Rider	%	0 0455325	G	0 09	0 24	0 47
EE&PDR Cost Recovery Rider	\$/kWh	0 0046428	D	0 46	1 16	2 32
Econ Dev Cost Recovery Rider	%	6 80493%	D	0 49	0 77	1 24
Enhanced Service Reliability Rider	%	3 30537%	D	0 24	0 38	0 60
gridSMART SM Rider	\$/mo	0 52	D	0 52	0 52	0 52
Total G				5 56	13 92	27 83
Total T				0 75	1 88	3 75
Total D				10 25	17 39 #	29 29
Total Bill				\$16 56	\$33 19	\$60 87

" Not applicable to customers who use more than 700 kWh during the summer months

Edison Electric Institute
Typical Net Monthly Bills
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Columbus Southern Power Company

RESIDENTIAL - RR - Winter Rates

Bill Calculations		Rate Schedule Charges		750 kWh	1 000 kWh	1,500 kWh	2,000 kWh
Customer Charge	\$/mo	4 52	D	\$4 52	\$4 52	\$4 52	\$4 52
Energy Charges							
First 800 kWh	\$/kWh	0 0272515	G	20 44	21.8	21.8	21.8
	\$/kWh	0 0298899	D	22.42	23.91	23.91	23.91
Over 800 kWh	\$/kWh	0 0000000	G	0 00	0 00	0 00	0 00
	\$/kWh	0 0057028	D	0.00	1.14	3.99	6.84
Subtotal			G	\$20 44	\$21 80	\$21 80	\$21 80
			D	\$26 94	\$29 57	\$32 42	\$35 27
Universal Service Fund	\$/kWh	0 0022828	D	1 71	2 28	3 42	4 57
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 0046500	D	3 49	4 65	6 98	9 30
(Next 13 000)	\$/kWh	0 0041900	D	0 00	0 00	0 00	0 00
(Over 15,000)	\$/kWh	0 0036300	D	0 00	0 00	0 00	0 00
Provider of Last Resort Chg	\$/kWh	0 0056955	D	4 27	5 70	8 54	11 39
Mon Power Lit. Termination	\$/kWh	0 0001229	D	0 09	0 12	0 18	0 25
Transmission Cost Recovery	\$/kWh	0 0075016	T	5 63	7 50	11 25	15 00
Environmental Rider	%	0 0455325	G	0 93	0 99	0 99	0 99
Fuel Adjustment Clause	\$/kWh	0 0356086	G	26 71	35 61	53 41	71 22
SEET Credit Rider	\$/kWh	-0 0015660	G	(1 17)	(1 57)	(2 35)	(3 13)
EE&PDR Cost Recovery Rider	\$/kWh	0 0046428	D	3 48	4 64	6 96	9 29
Econ Dev Cost Recovery Rider	%	0 0680493	D	1 83	2 01	2 21	2 40
Enhanced Service Reliability Rider	%	3 30537%	D	0 89	0 98	1 07	1 17
gridSMART SM Rider	\$/mo	0 52	D	0.52	0.52	0.52	0.52
Total G				46 91	56 83 #	73 85 #	90 88
Total T				5 63	7 50	11 25	15 00
Total D				43.22	50.47 #	62.30 #	74.16
Total Bill				\$95 76	\$114 80	\$147 40	\$180 04

Bill Calculations		Rate Schedule Charges		3 000 kWh	5 000 kWh	7 500 kWh
Customer Charge	\$/mo	4 52	D	\$4 52	\$4 52	\$4 52
Energy Charges						
First 800 kWh	\$/kWh	0 0272515	G	21.8	21.8	21.8
	\$/kWh	0 0298899	D	23 91	23 91	23 91
Over 800 kWh	\$/kWh	0 0000000	G	0	0	0
	\$/kWh	0 0057028	D	12.55	23.95	38.21
Subtotal			G	\$21 80	\$21 80	\$21 80
			D	\$40 98	\$52 38	\$66 64
Universal Service Fund	\$/kWh	0 0022828	D	6 85	11 41	17 12
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 0046500	D	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 0041900	D	4 19	12 57	23 05
(Over 15,000)	\$/kWh	0 0036300	D	0 00	0 00	0 00
Provider of Last Resort Chg	\$/kWh	0 0056955	D	17 09	28 48	42 72
Mon Power Lit. Termination	\$/kWh	0 0001229	D	0 37	0 61	0 92
Transmission Cost Recovery	\$/kWh	0 0075016	T	22 50	37 51	56 26
Environmental Rider	%	0 0455325	G	0 99	0 99	0 99
Fuel Adjustment Clause	\$/kWh	0 0356086	G	106 83	178 04	267 06
SEET Credit Rider	\$/kWh	-0 0015660	G	(4 70)	(7 83)	(11 75)
EE&PDR Cost Recovery Rider	\$/kWh	0 0046428	D	13 93	23 21	34 82
Econ Dev Cost Recovery Rider	%	0 0680493	D	2 79	3 56	4 53
Enhanced Service Reliability Rider	%	3 30537%	D	1 35	1 73	2 20
gridSMART SM Rider	\$/mo	0 52	D	0.52	0.52	0.52
Total G				124 92	193 00 #	278 10
Total T				22 50	37 51	56 26
Total D				97.37	143.77 #	201.82
Total Bill				\$244 79	\$374 28	\$536 18

Edison Electric Institute
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Columbus Southern Power Company

RESIDENTIAL - RR - Summer Rates

Bill Calculations		Rate Schedule Charges		750 kWh	1 000 kWh	1 500 kWh	2 000 kWh
Customer Charge	\$/mo	4 52	D	\$4 52	\$4 52	\$4 52	\$4 52
Energy Charges	\$/kWh	0 0272515	G	20 44	27 25	40 88	54 5
	\$/kWh	0 0298899	D	22 42	29 89	44 83	59 78
Subtotal			G	\$20 44	\$27 25	\$40 88	\$54 50
			D	\$26 94	\$34 41	\$49 35	\$64 30
Universal Service Fund	\$/kWh	0 0022828	D	1 71	2 28	3 42	4 57
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 0046500	D	3 49	4 65	6 98	9 30
(Next 13 000)	\$/kWh	0 0041900	D	0 00	0 00	0 00	0 00
(Over 15,000)	\$/kWh	0 0036300	D	0 00	0 00	0 00	0 00
Provider of Last Resort Chg	\$/kWh	0 0056955	D	4 27	5 70	8 54	11 39
Mon Power Lit. Termination	\$/kWh	0 0001229	D	0 09	0 12	0 18	0 25
Transmission Cost Recovery	\$/kWh	0 0075016	T	5 63	7 50	11 25	15 00
Environmental Rider	%	0 0455325	G	0 93	1 24	1 86	2 48
Fuel Adjustment Clause	\$/kWh	0 0356086	G	26 71	35 61	53 41	71 22
SEET Credit Rider	\$/kWh	-0 0015660	G	(1 17)	(1 57)	(2 35)	(3 13) #
EE&PDR Cost Recovery Rider	\$/kWh	0 0046428	D	3 48	4 64	6 96	9 29
Econ Dev Cost Recovery Rider	%	0 0680493	D	1 83	2 34	3 36	4 38
Enhanced Service Reliability Rider	%	3 30537%	D	0 89	1 14	1 63	2 13
gridSMART SM Rider	\$/mo	0 52	D	0 52	0 52	0 52	0 52
Total G				46 91	62 53 #	93 80 #	125 07
Total T				5 63	7 50	11 25	15 00
Total D				43 22	55 80 #	80 94 #	106 13
Total Bill				\$95 76	\$125 83	\$185 99	\$246 20

Bill Calculations		Rate Schedule Charges		3 000 kWh	5 000 kWh	7 500 kWh
Customer Charge	\$/mo	4 52	D	\$4 52	\$4 52	\$4 52
Energy Charges	\$/kWh	0 0272515	G	81 75	136 26	204 39
	\$/kWh	0 0298899	D	89 67	149 45	224 17
Subtotal			G	\$81 75	\$136 26	\$204 39
			D	\$94 19	\$153 97	\$228 69
Universal Service Fund	\$/kWh	0 0022828	D	6 85	11 41	17 12
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 0046500	D	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 0041900	D	4 19	12 57	23 05
(Over 15,000)	\$/kWh	0 0036300	D	0 00	0 00	0 00
Provider of Last Resort Chg	\$/kWh	0 0056955	D	17 09	28 48	42 72
Mon Power Lit. Termination	\$/kWh	0 0001229	D	0 37	0 61	0 92
Transmission Cost Recovery	\$/kWh	0 0075016	T	22 50	37 51	56 26
Environmental Rider	%	0 0455325	G	3 72	6 20	9 31
Fuel Adjustment Clause	\$/kWh	0 0356086	G	106 83	178 04	267 06
SEET Credit Rider	\$/kWh	-0 0015660	G	(4 70)	(7 83)	(11 75)
EE&PDR Cost Recovery Rider	\$/kWh	0 0046428	D	13 93	23 21	34 82
Econ Dev Cost Recovery Rider	%	0 0680493	D	6 41	10 48	15 56
Enhanced Service Reliability Rider	%	3 30537%	D	3 11	5 09	7 56
gridSMART SM Rider	\$/mo	0 52	D	0 52	0 52	0 52
Total G				187 60	312 67 #	469 01
Total T				22 50	37 51	56 26
Total D				155 96	255 64 #	380 26
Total Bill				\$366 06	\$605 82	\$905 53

Edison Electric Institute
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Columbus Southern Power Company

GS1		Rate	kW	3	3	6	6
		Schedule	kWh	375	1 000	750	2 000
<u>Bill Calculations</u>							
Customer Charge	\$/mo	6 47	D	6 47	6 47	6 47	6 47
Energy Charges							
First 1000 kWh	\$/kWh	0 0561653	G	21 06	56 17	42 12	56 17
	\$/kWh	0 0147707	D	5 54	14 77	11 08	14 77
All other kWh	\$/kWh	0 0250670	G	0 00	0 00	0 00	25 07
	\$/kWh	0 0147707	D	0 00	0 00	0 00	14 77
Subtotal			G	\$21 06	\$56 17	\$42 12	\$81 24
			D	\$12 01	\$21 24	\$17 55	\$36 01
Universal Service Fund	\$/kWh	0 0022828	D	0 86	2 28	1 71	4 57
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 0046500	D	1 74	4 65	3 49	9 30
(Next 13 000)	\$/kWh	0 0041900	D	0 00	0 00	0 00	0 00
(Over 15,000)	\$/kWh	0 0036300	D	0 00	0 00	0 00	0 00
Provider of Last Resort Chg	\$/kWh	0 0048959	D	1 84	4 90	3 67	9 79
Mon Power Lit. Termination	\$/kWh	0 0001229	D	0 05	0 12	0 09	0 25
Transmission Cost Recovery	\$/kWh	0 0063563	T	2 38	6 36	4 77	12 71
Environmental Rider	%	0 0455325	G	0 96	2 56	1 92	3 70
Fuel Adjustment Clause	\$/kWh	0 0326772	G	12 25	32 68	24 51	65 35
SEET Credit Rider	\$/kWh	-0 0015660	G	(0 59)	(1 57)	(1 17)	(3 13)
EE&PDR Cost Recovery Rider	\$/kWh	0 0029238	D	1 10	2 92	2 19	5 85
Econ Dev Cost Recovery Rider	%	0 0680493	D	0 82	1 45	1 19	2 45
Enhanced Service Reliability Rider	%	3 30537%	D	0 40	0 70	0 58	1 19
gridSMART SM Rider	\$/mo	2 27	D	2 27	2 27	2 27	2 27
Total G				33 68	89 84 #	67 38 #	147 16
Total T				2 38	6 36	4 77	12 71
Total D				21 09	40 53 #	32 74 #	71 68
Total Bill				\$57 15	\$136 73	\$104 89	\$231 55

Columbus Southern Power Company

GS2 - Secondary		Rate	kW	12	12	30	30	40	40
		Schedule	kWh	1 500	4 000	6 000	10 000	10 000	14 000
Bill Calculations		Charges							
Customer Charge	\$/mo	9 04	D	\$9 04	\$9 04	\$9 04	\$9 04	\$9 04	\$9 04
Energy Charges	\$/kWh	0 0442346	G	66 35	176 94	265 41	442 35	442 35	619 28
	\$/kWh	0 0003805	D	0 57	1 52	2 28	3 81	3 81	5 33
Demand Charges	\$/kW	3 519	D	42.23	42.23	105.57	105.57	140.76	140.76
Subtotal			G	\$66 35	\$176 94	\$265 41	\$442 35	\$442 35	\$619 28
			D	\$51 84	\$52 79	\$116 89	\$118 42	\$153 61	\$155 13
Universal Service Fund	\$/kWh	0 0022828	D	3 42	9 13	13 70	22 83	22 83	31 96
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 0046500	D	6 98	9 30	9 30	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 0041900	D	0 00	8 38	16 76	33 52	33 52	50 28
(Over 15,000)	\$/kWh	0 0036300	D	0 00	0 00	0 00	0 00	0 00	0 00
Provider of Last Resort Chg	\$/kWh	0 0049897	D	7 48	19 96	29 94	49 90	49 90	69 86
Mon Power Lit. Termination	\$/kWh	0 0001229	D	0 18	0 49	0 74	1 23	1 23	1 72
Transmission Cost Recovery	\$/kWh	0 0027336	T	4 10	10 93	16 40	27 34	27 34	38 27
Transmission Cost Recovery	\$/kW	0 9820000	T	11 78	11 78	29 46	29 46	39 28	39 28
Environmental Rider	%	0 0455325	G	3 02	8 06	12 08	20 14	20 14	28 20
Fuel Adjustment Clause	\$/kWh	0 0348211	G	52 23	139 28	208 93	348 21	348 21	487 50
SEET Credit Rider	\$/kWh	-0 0015660	G	(2 35)	(6 26)	(9 40)	(15 66)	(15 66)	(21 92)
EE&PDR Cost Recovery Rider	\$/kWh	0 0029238	D	4 39	11 70	17 54	29 24	29 24	40 93
Econ Dev Cost Recovery Rider	%	0 0680493	D	3 53	3 59	7 95	8 06	10 45	10 56
Enhanced Service Reliability Rider	%	3 30537%	D	1 71	1 74	3 86	3 91	5 08	5 13
gridSMART SM Rider	\$/mo	2 27	D	2.27	2.27	2.27	2.27	2.27	2.27
Total G				119 25	318 02 #	477 02 #	795 04 #	795 04 #	1113 06
Total T				15 88	22 71	45 86	56 80	66 62	77 55
Total D				81.80	119.35 #	218.95 #	278.68 #	317.43 #	377.14
Total Bill				\$216 93	\$460 08	\$741 83	\$1 130 52	\$1 179 09	\$1 567 75

		Rate	kW	50	50	75	150	300	500
		Schedule	kWh	12 500	18 000	15 000	30 000	60 000	100 000
Bill Calculations		Charges							
Customer Charge	\$/mo	9 04	D	\$9 04	\$9 04	\$9 04	\$9 04	\$9 04	\$9 04
Energy Charges	\$/kWh	0 0442346	G	552 93	796 22	663 52	1 327 04	2 654 08	4 423 46
	\$/kWh	0 0003805	D	4 76	6 85	5 71	11 42	22 83	38 05
Demand Charges	\$/kW	3 519	D	175.95	175.95	263.93	527.85	1,055.70	1,759.50
Subtotal			G	\$552 93	\$796 22	\$663 52	\$1,327 04	\$2 654 08	\$4 423 46
			D	\$189 75	\$191 84	\$278 68	\$548 31	\$1 087 57	\$1 806 59
Universal Service Fund	\$/kWh	0 0022828	D	28 54	41 09	34 24	68 48	136 97	228 28
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 0046500	D	9 30	9 30	9 30	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 0041900	D	44 00	54 47	54 47	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0 0036300	D	0 00	10 89	0 00	54 45	163 35	308 55
Provider of Last Resort Chg	\$/kWh	0 0049897	D	62 37	89 81	74 85	149 69	299 38	498 97
Mon Power Lit. Termination	\$/kWh	0 0001229	D	1 54	2 21	1 84	3 69	7 37	12 29
Transmission Cost Recovery	\$/kWh	0 0027336	T	34 17	49 20	41 00	82 01	164 02	273 36
Transmission Cost Recovery	\$/kW	0 9820000	T	49 10	49 10	73 65	147 30	294 60	491 00
Environmental Rider	%	0 0455325	G	25 18	36 25	30 21	60 42	120 85	201 41
Fuel Adjustment Clause	\$/kWh	0 0348211	G	435 26	626 78	522 32	1044 63	2089 27	3482 11
SEET Credit Rider	\$/kWh	-0 0015660	G	(19 58)	(28 19)	(23 49)	(46 98)	(93 96)	(156 60)
EE&PDR Cost Recovery Rider	\$/kWh	0 0029238	D	36 55	52 63	43 86	87 71	175 43	292 38
Econ Dev Cost Recovery Rider	%	0 0680493	D	12 91	13 05	18 96	37 31	74 01	122 94
Enhanced Service Reliability Rider	%	3 30537%	D	6 27	6 34	9 21	18 12	35 95	59 71
gridSMART SM Rider	\$/mo	2 27	D	2.27	2.27	2.27	2.27	2.27	2.27
Total G				993 79	1 431 06 #	1 192 56 #	2 385 11 #	4 770 24 #	7 950 38
Total T				83 27	98 30	114 65	229 31	458 62	764 36
Total D				393.50	473.90 #	527.88 #	1,033.80 #	2,046.07 #	3,395.75
Total Bill				\$1 470 56	\$2 003 26	\$1 834 89	\$3 648 22	\$7 274 93	\$12 110 49

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GS2 - Primary		Rate	kW	1 000
		Schedule	kWh	200 000
Bill Calculations		Charges		
Customer Charge	\$/mo	115 29	D	\$115 29
Energy Charges	\$/kWh	0 0434545	G	8 690 90
	\$/kWh	0 0003805	D	76 10
Demand Charges	\$/kW	2 588	D	2,588.00
Subtotal			G	\$8 690 90
			D	\$2 779 39
Universal Service Fund	\$/kWh	0 0022828	D	456 56
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00
KWH Tax (First 2,000)	\$/kWh	0 0046500	D	9 30
(Next 13 000)	\$/kWh	0 0041900	D	54 47
(Over 15,000)	\$/kWh	0 0036300	D	671 55
Provider of Last Resort Chg	\$/kWh	0 0049897	D	997 94
Mon Power Lit. Termination	\$/kWh	0 0001229	D	24 58
Transmission Cost Recovery	\$/kWh	0 0026445	T	528 90
Transmission Cost Recovery	\$/kW	0 9500000	T	950 00
Environmental Rider	%	0 0455325	G	395 72
Fuel Adjustment Clause	\$/kWh	0 0336854	G	6737 08
SEET Credit Rider	\$/kWh	-0 0015660	G	(313 20)
EE&PDR Cost Recovery Rider	\$/kWh	0 0029238	D	584 76
Econ Dev Cost Recovery Rider	%	0 0680493	D	189 14
Enhanced Service Reliability Rider	%	3 30537%	D	91 87
gridSMART SM Rider	\$/mo	2 27	D	2.27
Total G				15 510 50
Total T				1 478 90
Total D				5,861.83
Total Bill				\$22 851 23

GS3 - Secondary		Ex kVA	0	0	3	3	4	4
		Rate	kW	75	100	100	150	150
		Schedule	kWh	30 000	50 000	30 000	36 000	60 000
Bill Calculations		Charges						
Customer Charge	\$/mo	119 04	D	\$119 04	\$119 04	\$119 04	\$119 04	\$119 04
Energy Charges	\$/kWh	0 0000000	G	0 00	0 00	0 00	0 00	0 00
	\$/kWh	0 0003805	D	11 42	19 03	11 42	13 70	22 83
Demand Charges	\$/kW	9 989	G	749 18	749 18	998 90	998 90	1 498 35
	\$/kW	3 291	D	246 83	246 83	329 10	329 10	493 65
Excess kVA Charges	\$/kVa	0 863	D	0.00	0.00	2.59	2.59	3.45
Subtotal			G	\$749 18	\$749 18	\$998 90	\$998 90	\$1,498 35
			D	\$377 29	\$384 90	\$462 15	\$464 43	\$638 97
Universal Service Fund	\$/kWh	0 0022828	D	68 48	114 14	68 48	82 18	136 97
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 0046500	D	9 30	9 30	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 0041900	D	54 47	54 47	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0 0036300	D	54 45	127 05	54 45	76 23	163 35
Provider of Last Resort Chg	\$/kWh	0 0038635	D	115 91	193 18	115 91	139 09	231 81
Mon Power Lit. Termination	\$/kWh	0 0001229	D	3 69	6 15	3 69	4 42	7 37
Transmission Cost Recovery	\$/kWh	0 0020726	T	62 18	103 63	62 18	74 61	124 36
Transmission Cost Recovery	\$/kW	1 4420000	T	108 15	108 15	144 20	144 20	216 30
Environmental Rider	%	0 0455325	G	34 11	34 11	45 48	45 48	68 22
Fuel Adjustment Clause	\$/kWh	0 0338891	G	1016 67	1694 46	1016 67	1220 01	2033 35
SEET Credit Rider	\$/kWh	-0 0015660	G	(46 98)	(78 30)	(46 98)	(56 38)	(93 96)
EE&PDR Cost Recovery Rider	\$/kWh	0 0029238	D	87 71	146 19	87 71	105 26	175 43
Econ Dev Cost Recovery Rider	%	0 0680493	D	25 67	26 19	31 45	31 60	43 48
Enhanced Service Reliability Rider	%	3 30537%	D	12 47	12 72	15 28	15 35	21 12
gridSMART SM Rider	\$/mo	2 27	D	2.27	2.27	2.27	2.27	2.27
Total G				1 752 98	2 399 45 #	2 014 07 #	2 208 01 #	3 505 96 #
Total T				170 33	211 78	206 38	218 81	340 66
Total D				811.71	1,076.56 #	905.16 #	984.60 #	1,484.54 #
Total Bill				\$2 735 02	\$3 687 79	\$3 125 61	\$3 411 42	\$5 331 16
								\$7 238 66

* KVA in excess of the greater of 100 KVA or 115% of metered kW

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GS3 - Secondary (Cont d)		Ex kVA		8	8	8	8
		Rate	kW	300	300	300	300
		Schedule	kWh	90 000	120 000	150 000	200 000
Bill Calculations		Charges					
Customer Charge	\$/mo	119 04	D	\$119 04	\$119 04	\$119 04	\$119 04
Energy Charges	\$/kWh	0 0000000	G	0 00	0 00	0 00	0 00
	\$/kWh	0 0003805	D	34 25	45 66	57 08	76 10
Demand Charges	\$/kW	9 989	G	2 996 70	2 996 70	2 996 70	2 996 70
	\$/kW	3 291	D	987 30	987 30	987 30	987 30
Excess kVa Charges	\$/kVa	0 863	D	6.90	6.90	6.90	6.90
Subtotal			G	\$2 996 70	\$2 996 70	\$2 996 70	\$2 996 70
			D	\$1 147 49	\$1 158 90	\$1 170 32	\$1 189 34
Universal Service Fund	\$/kWh	0 0022828	D	205 45	273 94	342 42	456 56
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 00465	D	9 30	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 00419	D	54 47	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0.00363	D	272 25	381 15	490 05	671 55
Provider of Last Resort Chg	\$/kWh	0 0038635	D	347 72	463 62	579 53	772 70
Mon Power Lit. Termination	\$/kWh	0 0001229	D	11 06	14 75	18 44	24 58
Transmission Cost Recovery	\$/kWh	0 0020726	T	186 53	248 71	310 89	414 52
Transmission Cost Recovery	\$/kW	1 4420000	T	432 60	432 60	432 60	432 60
Environmental Rider	%	0 0455325	G	136 45	136 45	136 45	136 45
Fuel Adjustment Clause	\$/kWh	0 0338891	G	3050 02	4066 69	5083 37	6777 82
SEET Credit Rider	\$/kWh	-0 0015660	G	(140 94)	(187 92)	(234 90)	(313 20)
EE&PDR Cost Recovery Rider	\$/kWh	0 0029238	D	263 14	350 86	438 57	584 76
Econ Dev Cost Recovery Rider	%	0 0680493	D	78 09	78 86	79 64	80 93
Enhanced Service Reliability Rider	%	3 30537%	D	37 93	38 31	38 68	39 31
gridSMART SM Rider	\$/mo	2 27	D	2.27	2.27	2.27	2.27
Total G				6 042 23	7 011 92 #	7 981 62 #	9 597 77
Total T				619 13	681 31	743 49	847 12
Total D				2,429.17	2,826.43 #	3,223.69 #	3,885.77
Total Bill				\$9 090 53	\$10 519 66	\$11 948 80	\$14 330 66
		Ex kVA		13	13	13	13
		Rate	kW	500	500	500	500
		Schedule	kWh	150 000	180 000	200 000	325 000
Bill Calculations		Charges					
Customer Charge	\$/mo	119 04	D	\$119 04	\$119 04	\$119 04	\$119 04
Energy Charges	\$/kWh	0 0000000	G	0 00	0 00	0 00	0 00
	\$/kWh	0 0003805	D	57 08	68 49	76 10	123 66
Demand Charges	\$/kW	9 989	G	4 994 50	4 994 50	4 994 50	4 994 50
	\$/kW	3 291	D	1 645 50	1 645 50	1 645 50	1 645 50
Excess kVa Charges	\$/kVa	0 863	D	11.22	11.22	11.22	11.22
Subtotal			G	\$4 994 50	\$4 994 50	\$4 994 50	\$4 994 50
			D	\$1 832 84	\$1 844 25	\$1 851 86	\$1 899 42
Universal Service Fund	\$/kWh	0 0022828	D	342 42	410 90	456 56	741 91
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 00465	D	9 30	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 00419	D	54 47	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0.00363	D	490 05	598 95	671 55	1125 30
Provider of Last Resort Chg	\$/kWh	0 0038635	D	579 53	695 43	772 70	1255 64
Mon Power Lit. Termination	\$/kWh	0 0001229	D	18 44	22 12	24 58	39 94
Transmission Cost Recovery	\$/kWh	0 0020726	T	310 89	373 07	414 52	673 60
Transmission Cost Recovery	\$/kW	1 4420000	T	721 00	721 00	721 00	721 00
Environmental Rider	%	0 0455325	G	227 41	227 41	227 41	227 41
Fuel Adjustment Clause	\$/kWh	0 0338891	G	5083 37	6100 04	6777 82	11013 96
SEET Credit Rider	\$/kWh	-0 0015660	G	(234 90)	(281 88)	(313 20)	(508 95)
EE&PDR Cost Recovery Rider	\$/kWh	0 0029238	D	438 57	526 28	584 76	950 24
Econ Dev Cost Recovery Rider	%	0 0680493	D	124 72	125 50	126 02	129 25
Enhanced Service Reliability Rider	%	3 30537%	D	60 58	60 96	61 21	62 78
gridSMART SM Rider	\$/mo	2 27	D	2.27	2.27	2.27	2.27
Total G				10 070 38	11 040 07 #	11 686 53 #	15 726 92
Total T				1 031 89	1 094 07	1 135 52	1 394 60
Total D				3,953.19	4,350.43 #	4,615.28 #	6,270.52
Total Bill				\$15 055 46	\$16 484 57	\$17 437 33	\$23 392 04

* KVA in excess of the greater of 100 KVA or 115% of metered kW

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GS3 - Primary		Ex kVA		26	26	26	26
		Rate	kW	1 000	1 000	1 000	1 000
		Schedule	kWh	300 000	360 000	400 000	650 000
Bill Calculations		Charges					
Customer Charge	\$/mo	265 29	D	\$265 29	\$265 29	\$265 29	\$265 29
Energy Charges	\$/kWh	0 0000721	G	21 63	25 96	28 84	46 87
		0 0003805	D	114 15	136 98	152 20	247 33
Demand Charges	\$/kW	9 662	G	9 662 00	9 662 00	9 662 00	9 662 00
	\$/kW	2 498	D	2 498 00	2 498 00	2 498 00	2 498 00
Excess kVa Charges	\$/kVa	0 835	D	21.71	21.71	21.71	21.71
Subtotal			G	\$9 683 63	\$9 687 96	\$9 690 84	\$9 708 87
			D	\$2 899 15	\$2 921 98	\$2 937 20	\$3 032 33
Universal Service Fund	\$/kWh	0 0022828	D	684 84	821 81	913 12	1483 82
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 00465	D	9 30	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 00419	D	54 47	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0.00363	D	1034 55	1252 35	1397 55	2305 05
Provider of Last Resort Chg	\$/kWh	0 0038635	D	1159 05	1390 86	1545 40	2511 28
Mon Power Lit. Termination	\$/kWh	0 0001229	D	36 87	44 24	49 16	79 89
Transmission Cost Recovery	\$/kWh	0 0020051	T	601 53	721 84	802 04	1303 32
Transmission Cost Recovery	\$/kW	1 3950000	T	1395 00	1395 00	1395 00	1395 00
Environmental Rider	%	0 0455325	G	440 92	441 12	441 25	442 07
Fuel Adjustment Clause	\$/kWh	0 0327838	G	9835 14	11802 17	13113 52	21309 47
SEET Credit Rider	\$/kWh	-0 0015660	G	(469 80)	(563 76)	(626 40)	(1017 90)
EE&PDR Cost Recovery Rider	\$/kWh	0 0029238	D	877 14	1052 57	1169 52	1900 47
Econ Dev Cost Recovery Rider	%	0 0680493	D	197 29	198 84	199 87	206 35
Enhanced Service Reliability Rider	%	3 30537%	D	95 83	96 58	97 09	100 23
gridSMART SM Rider	\$/mo	2 27	D	2.27	2.27	2.27	2.27
Total G				19 489 89	21 367 49 #	22 619 21 #	30 442 51
Total T				1 996 53	2 116 84	2 197 04	2 698 32
Total D				7,050.76	7,845.27 #	8,374.95 #	11,685.46
Total Bill				\$28 537 18	\$31 329 60	\$33 191 20	\$44 826 29
GS4							
		Rate	kVA	5 882	5 882	5 882	
		Schedule	kWh	5 000	5 000	5 000	
Bill Calculations		Charges					
Customer Charge	\$/mo	713 41	D	\$713 41	\$713 41	\$713 41	
Energy Charges	\$/kWh	0 0000000	G	0 00	0 00	0 00	
		0 0003805	D	570 75	951 25	1 236 63	
Demand Charges							
First 3000 kVa	\$/kVa	10 030	G	30 090 00	30 090 00	30 090 00	
	\$/kVa	0 665	D	1 995 00	1 995 00	1 995 00	
Over 3000 kVa	\$/kVa	4 235	G	12 205 27	12 205 27	12 205 27	
	\$/kVa	0 665	D	1,916.53	1,916.53	1,916.53	
Subtotal			G	\$42 295 27	\$42 295 27	\$42 295 27	
			D	\$5 195 69	\$5 576 19	\$5 861 57	
Univ Serv Fund < 833 000 KWH	\$/kWh	0 0022828	D	1 901 57	1 901 57	1 901 57	
Univ Serv Fund > 833,000 KWH	\$/kWh	0 0001830	D	122 06	305 06	442 31	
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	
KWH Tax (First 2,000)	\$/kWh	0 00465	D	9 30	9 30	9 30	
(Next 13 000)	\$/kWh	0 00419	D	54 47	54 47	54 47	
(Over 15,000)	\$/kWh	0.00363	D	5 390 55	9 020 55	11 743 05	
Provider of Last Resort Chg	\$/kWh	0 0032753	D	4 912 95	8 188 25	10 644 73	
Mon Power Lit. Termination	\$/kWh	0 0001229	D	184 35	307 25	399 43	
Transmission Cost Recovery	\$/kWh	0 0016812	T	2 521 80	4 203 00	5 463 90	
Transmission Cost Recovery	\$/kVa	2 5210000	T	14 828 52	14 828 52	14 828 52	
Environmental Rider	%	0 0455325	G	1 925 81	1 925 81	1 925 81	
Fuel Adjustment Clause	\$/kWh	0 0307255	G	46 088 25	76 813 75	99 857 88	
SEET Credit Rider	\$/kWh	-0 0015660	G	(2 349 00)	(3 915 00)	(5 089 50)	
EE&PDR Cost Recovery Rider	\$/kWh	0 0005124	D	768 60	1 281 00	1 665 30	
Econ Dev Cost Recovery Rider	%	0 0680493	D	353 56	379 46	398 88	
Enhanced Service Reliability Rider	%	3 30537%	D	171 74	184 31	193 75	
gridSMART SM Rider	\$/mo	2 27	D	2.27	2.27	2.27	
Total G				87 960 33	117 119 83 #	138 989 46	
Total T				17 350 32	19 031 52	20 292 42	
Total D				19,067.11	27,209.68 #	33,316.63	
Total Bill				\$124 377 76	\$163 361 03	\$192 598 51	

" KVA in excess of the greater of 100 KVA or 115% of metered kW

Columbus Southern Power Company

GS4 (Cont d)		Rate	kVA	11 765	11 765	11 765	23 529	23 529
		Schedule	kW	10 000	10 000	10 000	20 000	20 000
		Charges	kWh	3 000 000	5 000 000	6 500 000	6 000 000	10 000 000
Bill Calculations								
Customer Charge	\$/mo	713 41	D	\$713 41	\$713 41	\$713 41	\$713 41	\$713 41
Energy Charges	\$/kWh	0 0000000	G	0 00	0 00	0 00	0 00	0 00
	\$/kWh	0 0003805	D	1 141 50	1 902 50	2 473 25	2 283 00	3 805 00
Demand Charges								
First 3000 kVa	\$/kVa	10 030	G	30 090 00	30 090 00	30 090 00	30 090 00	30 090 00
	\$/kVa	0 665	D	1 995 00	1 995 00	1 995 00	1 995 00	1 995 00
Over 3000 kVa	\$/kVa	4 235	G	37 119 78	37 119 78	37 119 78	86 940 32	86 940 32
	\$/kVa	0 665	D	5,828.73	5,828.73	5,828.73	13,651.79	13,651.79
Subtotal			G	\$67 209 78	\$67 209 78	\$67 209 78	\$117 030 32	\$117 030 32
			D	\$9 678 64	\$10 439 64	\$11 010 39	\$18 643 20	\$20 165 20
Univ. Serv. Fund < 833 000 KWH	\$/kWh	0 0022828	D	1 901 57	1 901 57	1 901 57	1 901 57	1 901 57
Univ. Serv. Fund > 833,000 KWH	\$/kWh	0 0001830	D	396 56	762 56	1 037 06	945 56	1 677 56
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 00465	D	9 30	9 30	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 00419	D	54 47	54 47	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0.00363	D	10 835 55	18 095 55	23 540 55	21 725 55	36 245 55
Provider of Last Resort Chg	\$/kWh	0 0032753	D	9 825 90	16 376 50	21 289 45	19 651 80	32 753 00
Mon. Power Lit. Termination	\$/kWh	0 0001229	D	368 70	614 50	798 85	737 40	1 229 00
Transmission Cost Recovery	\$/kWh	0 0016812	T	5 043 60	8 406 00	10 927 80	10 087 20	16 812 00
Transmission Cost Recovery	\$/kVa	2 5210000	T	29 659 57	29 659 57	29 659 57	59 316 61	59 316 61
Environmental Rider	%	0 0455325	G	3 060 23	3 060 23	3 060 23	5 328 68	5 328 68
Fuel Adjustment Clause	\$/kWh	0 0307255	G	92 176 50	153 627 50	199 715 75	184 353 00	307 255 00
SEET Credit Rider	\$/kWh	-0 0015660	G	(4 698 00)	(7 830 00)	(10 179 00)	(9 396 00)	(15 660 00)
EE&PDR Cost Recovery Rider	\$/kWh	0 0005124	D	1 537 20	2 562 00	3 330 60	3 074 40	5 124 00
Econ. Dev. Cost Recovery Rider	%	0 0680493	D	658 62	710 41	749 25	1 268 66	1 372 23
Enhanced Service Reliability Rider	%	3 30537%	D	319 91	345 07	363 93	616 23	666 53
gridSMART SM Rider	\$/mo	2 27	D	2.27	2.27	2.27	2.27	2.27
Total G				157 748 51	216 067 51 #	259 806 76 #	297 316 00 #	413 954 00
Total T				34 703 17	38 065 57	40 587 37	69 403 81	76 128 61
Total D				35,588.69	51,873.84 #	64,087.69 #	68,630.41 #	101,200.68
Total Bill				\$228 040 37	\$306 006 92	\$364 481 82	\$435 350 22	\$591 283 29
		Rate	kVA	23 529	58 824	58 824	58 824	
		Schedule	kW	20 000	50 000	50 000	50 000	
		Charges	kWh	13 000 000	15 000 000	25 000 000	32 500 000	
Bill Calculations								
Customer Charge	\$/mo	713 41	D	\$713 41	\$713 41	\$713 41	\$713 41	
Energy Charges	\$/kWh	0 0000000	G	0 00	0 00	0 00	0 00	
	\$/kWh	0 0003805	D	4 946 50	5 707 50	9 512 50	12 366 25	
Demand Charges								
First 3000 kVa	\$/kVa	10 030	G	30 090 00	30 090 00	30 090 00	30 090 00	
	\$/kVa	0 665	D	1 995 00	1 995 00	1 995 00	1 995 00	
Over 3000 kVa	\$/kVa	4 235	G	86 940 32	236 414 64	236 414 64	236 414 64	
	\$/kVa	0 665	D	13,651.79	37,122.96	37,122.96	37,122.96	
Subtotal			G	\$117 030 32	\$266 504 64	\$266 504 64	\$266 504 64	
			D	\$21 306 70	\$45 538 87	\$49 343 87	\$52 197 62	
Univ. Serv. Fund < 833 000 KWH	\$/kWh	0 0022828	D	1 901 57	1 901 57	1 901 57	1 901 57	
Univ. Serv. Fund > 833,000 KWH	\$/kWh	0 0001830	D	2 226 56	2 592 56	4 422 56	5 795 06	
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00	
KWH Tax (First 2,000)	\$/kWh	0 00465	D	9 30	9 30	9 30	9 30	
(Next 13 000)	\$/kWh	0 00419	D	54 47	54 47	54 47	54 47	
(Over 15,000)	\$/kWh	0.00363	D	47 135 55	54 395 55	90 695 55	117 920 55	
Provider of Last Resort Chg	\$/kWh	0 0032753	D	42 578 90	49 129 50	81 882 50	106 447 25	
Mon. Power Lit. Termination	\$/kWh	0 0001229	D	1 597 70	1 843 50	3 072 50	3 994 25	
Transmission Cost Recovery	\$/kWh	0 0016812	T	21 855 60	25 218 00	42 030 00	54 639 00	
Transmission Cost Recovery	\$/kVa	2 5210000	T	59 316 61	148 295 30	148 295 30	148 295 30	
Environmental Rider	%	0 0455325	G	5 328 68	12 134 62	12 134 62	12 134 62	
Fuel Adjustment Clause	\$/kWh	0 0307255	G	399 431 50	460 882 50	768 137 50	998 578 75	
SEET Credit Rider	\$/kWh	-0 0015660	G	(20 358 00)	(20 358 00)	(39 150 00)	(50 895 00)	
EE&PDR Cost Recovery Rider	\$/kWh	0 0005124	D	6 661 20	7 686 00	12 810 00	16 653 00	
Econ. Dev. Cost Recovery Rider	%	0 0680493	D	1 449 91	3 098 89	3 357 82	3 552 01	
Enhanced Service Reliability Rider	%	3 30537%	D	704 27	1 505 23	1 631 00	1 725 32	
gridSMART SM Rider	\$/mo	2 27	D	2.27	2.27	2.27	2.27	
Total G				501 432 50	716 031 76 #	1 007 626 76 #	1 226 323 01	
Total T				81 172 21	173 513 30	190 325 30	202 934 30	

Total D
Total Bill

125,628.40	167,757.71	#	249,183.41	#	310,252.67
\$708 233 11	\$1 057 302 77		\$1 447 135 47		\$1 739 509 98

Ohio Power Company

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2011 Typical Bill Comparison - Reflecting 2011 Proposed EE PDR True-up

<u>Tariff</u>	<u>kWh</u>	<u>KW</u>	<u>Current</u>	<u>Proposed</u>	<u>\$ Difference</u>	<u>Difference</u>
Residential	100		\$14.95	\$14.98	\$0.03	0.2%
	250		\$30.86	\$30.92	\$0.06	0.2%
	500		\$57.40	\$57.52	\$0.12	0.2%
	750		\$83.93	\$84.11	\$0.18	0.2%
	1,000		\$108.09	\$108.33	\$0.24	0.2%
	1,500		\$155.14	\$155.50	\$0.36	0.2%
	2,000		\$202.21	\$202.70	\$0.49	0.2%
GS-1	375	3	\$48.96	\$48.48	-\$0.48	-1.0%
Secondary	1,000	3	\$105.66	\$104.39	-\$1.27	-1.2%
	750	6	\$82.98	\$82.03	-\$0.95	-1.1%
	2,000	6	\$196.36	\$193.84	-\$2.52	-1.3%
GS-2	1,500	12	\$189.27	\$187.38	-\$1.89	-1.0%
Secondary	4,000	12	\$381.50	\$376.45	-\$5.05	-1.3%
	6,000	30	\$606.19	\$598.61	-\$7.58	-1.3%
	10,000	30	\$913.39	\$900.76	-\$12.63	-1.4%
	10,000	40	\$952.88	\$940.25	-\$12.63	-1.3%
	14,000	40	\$1,260.07	\$1,242.39	-\$17.68	-1.4%
	12,500	50	\$1,184.39	\$1,168.60	-\$15.79	-1.3%
	18,000	50	\$1,605.10	\$1,582.36	-\$22.74	-1.4%
	15,000	75	\$1,475.13	\$1,456.18	-\$18.95	-1.3%
	30,000	100	\$2,730.45	\$2,692.55	-\$37.90	-1.4%
	36,000	100	\$3,187.89	\$3,142.42	-\$45.47	-1.4%
	30,000	150	\$2,932.26	\$2,894.36	-\$37.90	-1.3%
	60,000	300	\$5,829.20	\$5,753.41	-\$75.79	-1.3%
	90,000	300	\$8,116.39	\$8,002.70	-\$113.69	-1.4%
	100,000	500	\$9,690.35	\$9,564.03	-\$126.32	-1.3%
	150,000	500	\$13,502.34	\$13,312.86	-\$189.48	-1.4%
	180,000	500	\$15,789.51	\$15,562.14	-\$227.37	-1.4%

Ohio Power Company

Schedule 6
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2011 Typical Bill Comparison - Reflecting 2011 Proposed EE PDR True-up

<u>Tariff</u>	<u>kWh</u>	<u>KW</u>	<u>Current</u>	<u>Proposed</u>	<u>\$ Difference</u>	<u>Difference</u>
GS-3	18,000	50	\$1,609.18	\$1,586.44	-\$22.74	-1.4%
Secondary	30,000	75	\$2,524.19	\$2,486.29	-\$37.90	-1.5%
	50,000	75	\$3,377.95	\$3,314.79	-\$63.16	-1.9%
	36,000	100	\$3,196.04	\$3,150.57	-\$45.47	-1.4%
	30,000	150	\$3,749.73	\$3,711.83	-\$37.90	-1.0%
	60,000	150	\$5,030.35	\$4,954.56	-\$75.79	-1.5%
	100,000	150	\$6,737.89	\$6,611.57	-\$126.32	-1.9%
	120,000	300	\$10,025.42	\$9,873.83	-\$151.59	-1.5%
	150,000	300	\$11,306.08	\$11,116.60	-\$189.48	-1.7%
	200,000	300	\$13,440.48	\$13,187.84	-\$252.64	-1.9%
	180,000	500	\$15,830.29	\$15,602.92	-\$227.37	-1.4%
	200,000	500	\$16,684.06	\$16,431.42	-\$252.64	-1.5%
	325,000	500	\$22,020.09	\$21,609.55	-\$410.54	-1.9%
GS-2	200,000	1,000	\$18,207.29	\$17,954.65	-\$252.64	-1.4%
Primary	300,000	1,000	\$25,672.78	\$25,293.82	-\$378.96	-1.5%
GS-3	360,000	1,000	\$30,229.54	\$29,774.79	-\$454.75	-1.5%
Primary	400,000	1,000	\$31,918.86	\$31,413.58	-\$505.28	-1.6%
	650,000	1,000	\$42,477.02	\$41,655.94	-\$821.08	-1.9%
GS-2						
Subtransmission	1,500,000	5,000	\$122,702.50	\$120,807.70	-\$1,894.80	-1.5%
GS-3	2,500,000	5,000	\$171,925.84	\$168,767.84	-\$3,158.00	-1.8%
Subtransmission	3,250,000	5,000	\$201,540.14	\$197,434.74	-\$4,105.40	-2.0%
GS-4	3,000,000	10,000	\$232,004.25	\$231,077.55	-\$926.70	-0.4%
Subtransmission	5,000,000	10,000	\$296,496.53	\$294,952.03	-\$1,544.50	-0.5%
	6,500,000	10,000	\$344,865.74	\$342,857.89	-\$2,007.85	-0.6%
	10,000,000	20,000	\$590,491.99	\$587,402.99	-\$3,089.00	-0.5%
	13,000,000	20,000	\$687,230.42	\$683,214.72	-\$4,015.70	-0.6%
GS-4	25,000,000	50,000	\$1,421,803.51	\$1,414,081.01	-\$7,722.50	-0.5%
Transmission	32,500,000	50,000	\$1,663,326.76	\$1,653,287.51	-\$10,039.25	-0.6%

Ohio Power Company

RESIDENTIAL

			Rate			100	250	500	750	1,000
			Schedule			kWh	kWh	kWh	kWh	kWh
			Charges							
Bill Calculations										
Customer Charge	\$/mo	3.82	D			\$3.82	\$3.82	\$3.82	\$3.82	\$3.82
Energy Charges										
First 800 kWh	\$/kWh	0.0261075	G			2.61	6.53	13.05	19.58	20.89
	\$/kWh	0.0235642	D			2.36	5.89	11.78	17.67	18.85
Over 800 kWh	\$/kWh	0.0216278	G			0.00	0.00	0.00	0.00	4.33
	\$/kWh	0.0171224	D			0.00	0.00	0.00	0.00	3.42
Subtotal										
			G			\$2.61	\$6.53	\$13.05	\$19.58	\$25.22
			D			\$6.18	\$9.71	\$15.80	\$21.49	\$26.09
			A			\$8.79	\$16.24	\$28.65	\$41.07	\$51.31
Universal Service Fund	\$/kWh	0.0025750	D			0.26	0.64	1.29	1.93	2.58
Advanced Energy Fund Rider	\$/mo.	0.0000000	D			0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	\$/kWh	0.00465	D			0.47	1.16	2.33	3.49	4.65
(Next 13,000)	\$/kWh	0.00419	D			0.00	0.00	0.00	0.00	0.00
(Over 15,000)	\$/kWh	0.00363	D			0.00	0.00	0.00	0.00	0.00
Provider of Last Resort Charge	\$/kWh	0.0023366	D			0.23	0.58	1.17	1.75	2.34
Transmission Cost Recovery	\$/kWh	0.0078253	T			0.78	1.96	3.91	5.87	7.83
Fuel Adjustment Clause	\$/kWh	0.0318012	G			3.18	7.95	15.90	23.85	31.80
EE&PDR Cost Recovery Rider	\$/kWh	0.0029405	D			0.29	0.74	1.47	2.21	2.94
EDR Cost Recover Rider	%	7.53687%	D			0.47	0.73	1.18	1.62	1.97
Environmental Rider	%	4.46836%	G			0.12	0.29	0.58	0.87	1.13
Enhanced Service Reliability Rider	%	5.89939%	D			0.36	0.57	0.92	1.27	1.54
Total Bill										
			G			\$5.91	\$14.77	\$29.53	\$44.30	\$58.15
			T			\$0.78	\$1.96	\$3.91	\$5.87	\$7.83
			D			\$8.26	\$14.13	\$23.96	\$33.76	\$42.11
			A			\$14.95	\$30.86	\$57.40	\$83.93	\$108.09
						Minimum	Minimum	Minimum	Minimum	Minimum
Bill Calculations						1,500	2,000	3,000	5,000	7,500
						kWh	kWh	kWh	kWh	kWh
Customer Charge	\$/mo	3.82	D			\$3.82	\$3.82	\$3.82	\$3.82	\$3.82
Energy Charges										
First 800 kWh	\$/kWh	0.0261075	G			20.89	20.89	20.89	20.89	20.89
	\$/kWh	0.0235642	D			18.85	18.85	18.85	18.85	18.85
Over 800 kWh	\$/kWh	0.0216278	G			15.14	25.95	47.58	90.84	144.91
	\$/kWh	0.0171224	D			11.99	20.55	37.67	71.91	114.72
Subtotal										
			G			\$6.03	\$46.84	\$68.47	\$111.73	\$165.80
			D			\$34.66	\$43.22	\$60.34	\$94.58	\$137.39
			A			\$70.69	\$90.06	\$128.81	\$206.31	\$303.19
Universal Service Fund	\$/kWh	0.0025750	D			3.86	5.15	7.73	12.88	19.31
Advanced Energy Fund Rider	\$/mo.	0.0000000	D			0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	\$/kWh	0.00465	D			6.98	9.30	9.30	9.30	9.30
(Next 13,000)	\$/kWh	0.00419	D			0.00	0.00	4.19	12.57	23.05
(Over 15,000)	\$/kWh	0.00363	D			0.00	0.00	0.00	0.00	0.00
Provider of Last Resort Charge	\$/kWh	0.0023366	D			3.50	4.67	7.01	11.68	17.52
Transmission Cost Recovery	\$/kWh	0.0078253	T			11.74	15.65	23.48	39.13	58.69
Fuel Adjustment Clause	\$/kWh	0.0318012	G			47.70	63.60	95.40	159.01	238.51
EE&PDR Cost Recovery Rider	\$/kWh	0.0029405	D			4.41	5.88	8.82	14.70	22.05
EDR Cost Recover Rider	%	0.0753687	D			2.61	3.26	4.55	7.13	10.35
Environmental Rider	%	0.0446836	G			1.61	2.09	3.06	4.99	7.41
Enhanced Service Reliability Rider	%	5.89939%	D			2.04	2.55	3.56	5.58	8.11
Total Bill										
			G			\$85.34	\$112.53	\$166.93	\$275.73	\$411.72
			T			\$11.74	\$15.65	\$23.48	\$39.13	\$58.69
			D			\$58.06	\$74.03	\$105.50	\$168.42	\$247.08
			A			\$155.14	\$202.21	\$295.91	\$483.28	\$717.49
						Minimum	Minimum	Minimum	Minimum	Minimum

Ohio Power Company

GENERAL SERVICE-1-Sec

		Rate	kW	3	3	6	6
		Schedule	kWh	375	1 000	750	2 000
		Charges					
<u>Bill Calculations</u>							
Customer Charge	\$/mo	13 17 D		\$13 17	\$13 17	\$13 17	\$13 17
Energy Charges	\$/kWh	0 0341765 G		12 82	34 18	25 63	68 35
	\$/kWh	0 0027999 D		1 05	2 80	2 10	5 60
Subtotal		G		\$12 82	\$34 18	\$25 63	\$68 35
		D		\$14 22	\$15 97	\$15 27	\$18 77
		A		\$27 04	\$50 15	\$40 90	\$87 12
Universal Service Fund	\$/kWh	0 0025750 D		0 97	2 58	1 93	5 15
Advanced Energy Fund Rider	\$/mo.	0 0000000 D		0 00	0 00	0 00	0 00
KWH Tax (First 2 000)	\$/kWh	0 00465 D		1 74	4 65	3 49	9 30
(Next 13 000)	\$/kWh	0 00419 D		0 00	0 00	0 00	0 00
(Over 15 000)	\$/kWh	0 00363 D		0 00	0 00	0 00	0 00
Provider of Last Resort Charge	\$/kWh	0 0026384 D		0 99	2 64	1 98	5 28
Transmission Cost Recovery	\$/kWh	0 0064507 T		2 42	6 45	4 84	12 90
Fuel Adjustment Clause	\$/kWh	0 0329131 G		12 34	32 91	24 68	65 83
EE&PDR Cost Recovery Rider	\$/kWh	0 0026073 D		0 98	2 61	1 96	5 21
EDR Cost Recover Rider	%	0 0753687		1 07	1 20	1 15	1 41
Environmental Rider	%	0 0446836 G		0 57	1 53	1 15	3 05
Enhanced Service Reliability Rider	%	5 89939% D		0 84	0 94	0 90	1 11
Total Bill		G		\$25 73	\$68 62	\$51 46	\$137 23
		T		\$2 42	\$6 45	\$4 84	\$12 90
		D		\$20 81	\$30 59	\$26 68	\$46 23
		A		\$48 96	\$105 66	\$82 98	\$196 36

Minimum Minimum Minimum Minimum

GENERAL SERVICE-2-Sec

		Ex kVA	kW	0	0	0	0	0	0
		Rate	kWh	12	12	30	30	40	40
		Schedule		1 500	4 000	6 000	10 000	10 000	14 000
		Charges							
<u>Bill Calculations</u>									
Customer Charge	\$/mo	22 91 D		\$22 91	\$22 91	\$22 91	\$22 91	\$22 91	\$22 91
Energy Charges	\$/kWh	0 0307759 G		48 16	123 10	184 66	307 76	307 76	430 86
	\$/kWh	0 0003512 D		0 53	1 40	2 11	3 51	3 51	4 92
Demand Charges	\$/kW	2 75 D		33 00	33 00	82 50	82 50	110 00	110 00
Exc. KVA Charges	\$/kVA	3 82 D		0 00	0 00	0 00	0 00	0 00	0 00
Subtotal		G		\$46 16	\$123 10	\$184 66	\$307 76	\$307 76	\$430 86
		D		\$56 44	\$57 31	\$107 52	\$108 92	\$136 42	\$137 83
		A		\$102 60	\$180 41	\$292 18	\$416 68	\$444 18	\$568 69
Universal Service Fund	\$/kWh	0 0025750 D		3 86	10 30	15 45	25 75	25 75	36 05
Advanced Energy Fund Rider	\$/mo.	0 0000000 D		0 00	0 00	0 00	0 00	0 00	0 00
KWH Tax (First 2 000)	\$/kWh	0 00465 D		6 98	9 30	9 30	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 00419 D		0 00	8 38	16 76	33 52	33 52	50 28
(Over 15 000)	\$/kWh	0 00363 D		0 00	0 00	0 00	0 00	0 00	0 00
Provider of Last Resort Charge	\$/kWh	0 0026384 D		4 05	10 80	16 19	26 99	26 99	37 78
Transmission Cost Recovery	\$/kWh	0 0021744 T		3 26	8 70	13 05	21 74	21 74	30 44
Transmission Cost Recovery	\$/kW	0 8300000 T		9 96	9 96	24 90	24 90	33 20	33 20
Fuel Adjustment Clause	\$/kWh	0 0300046 G		45 01	120 02	180 03	300 05	300 05	420 06
EE&PDR Cost Recovery Rider	\$/kWh	0 0026073 D		3 91	10 43	15 64	26 07	26 07	36 50
EDR Cost Recover Rider	%	0 0753687		4 25	4 32	8 10	8 21	10 28	10 39
Environmental Rider	%	0 0446836 G		2 08	5 50	8 25	13 75	13 75	19 25
Enhanced Service Reliability Rider	%	5 89939% D		3 33	3 38	6 34	6 43	8 05	8 13
Total Bill		G		\$93 23	\$248 62	\$372 94	\$621 56	\$621 56	\$870 17
		T		\$13 22	\$18 66	\$37 95	\$46 64	\$54 94	\$63 64

D	\$82.82	\$114.22	\$195.30	\$245.19	\$276.38	\$326.26
A	\$189.27	\$381.50	\$606.19	\$913.39	\$952.88	\$1,260.07

Minimum Minimum Minimum Minimum Minimum Minimum
Edison Electric Institute
Typical Net Monthly Bills
0

Ohio Power Company

GENERAL SERVICE-2-Sec
(Cont'd)

		Ex. KVA Rate Schedule Charges	kW kWh	0 50 12 500	0 50 18 000	0 75 15 000	0 75 30 000	0 75 50 000
<u>Bill Calculations</u>								
Customer Charge	\$/mo.	22.91	D	\$22.91	\$22.91	\$22.91	\$22.91	\$22.91
Energy Charges	\$/kWh	0.0307759	G	384.70	553.97	461.64	923.28	1,538.80
	\$/kWh	0.0003512	D	4.39	6.32	5.27	10.54	17.58
Demand Charges	\$/kW	2.75	D	137.50	137.50	206.25	206.25	206.25
Exc. KVA Charges	\$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00
Subtotal			G	\$384.70	\$553.97	\$461.64	\$923.28	\$1,538.80
			D	\$164.80	\$166.73	\$234.43	\$239.70	\$246.72
			A	\$549.50	\$720.70	\$696.07	\$1,162.98	\$1,785.52
Universal Service Fund	\$/kWh	0.0025750	D	32.19	46.35	38.63	77.25	128.75
Advanced Energy Fund Rider	\$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	\$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	\$/kWh	0.00419	D	44.00	54.47	54.47	54.47	54.47
(Over 15,000)	\$/kWh	0.00363	D	0.00	10.89	0.00	54.45	127.05
Provider of Last Resort Charge	\$/kWh	0.0026988	D	33.74	48.58	40.48	80.96	134.94
Transmission Cost Recovery	\$/kWh	0.0021744	T	27.18	39.14	32.62	65.23	108.72
Transmission Cost Recovery	\$/kW	0.8300000	T	41.50	41.50	62.25	62.25	62.25
Fuel Adjustment Clause	\$/kWh	0.0300046	G	375.06	540.08	450.07	900.14	1500.23
EE&PDR Cost Recovery Rider	\$/kWh	0.0026073	D	32.59	46.93	39.11	78.22	130.37
EDR Cost Recover Rider	%	0.0753687		12.42	12.57	17.67	18.07	18.59
Environmental Rider	%	0.0446836	G	17.19	24.75	20.63	41.26	68.76
Enhanced Service Reliability Rider	%	5.89939%	D	9.72	9.84	13.83	14.14	14.55
Total Bill			G	\$776.95	\$1,118.80	\$932.34	\$1,864.68	\$3,107.79
			T	\$68.68	\$80.64	\$94.87	\$127.48	\$170.97
			D	\$338.76	\$405.66	\$447.92	\$626.56	\$864.74
			A	\$1,184.39	\$1,605.10	\$1,475.13	\$2,618.72	\$4,143.50

Minimum Minimum Minimum - -

		Ex. KVA Rate Schedule Charges	kW kWh	3 100 30 000	3 100 36 000	4 150 30 000	4 150 60 000	4 150 100 000
<u>Bill Calculations</u>								
Customer Charge	\$/mo.	22.91	D	\$22.91	\$22.91	\$22.91	\$22.91	\$22.91
Energy Charges	\$/kWh	0.0307759	G	923.28	1,107.93	923.28	1,846.55	3,077.59
	\$/kWh	0.0003512	D	10.54	12.84	10.54	21.07	35.12
Demand Charges	\$/kW	2.75	D	275.00	275.00	412.50	412.50	412.50
Exc. KVA Charges	\$/kVA	3.82	D	11.46	11.46	15.28	15.28	15.28
Subtotal			G	\$923.28	\$1,107.93	\$923.28	\$1,846.55	\$3,077.59
			D	\$319.91	\$322.01	\$461.23	\$471.76	\$485.81
			A	\$1,243.19	\$1,429.94	\$1,384.51	\$2,318.31	\$3,563.40
Universal Service Fund	\$/kWh	0.0025750	D	77.25	92.70	77.25	154.50	257.50
Advanced Energy Fund Rider	\$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	\$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	\$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	\$/kWh	0.00363	D	54.45	76.23	54.45	163.35	308.55
Provider of Last Resort Charge	\$/kWh	0.0026988	D	80.96	97.16	80.96	161.93	269.88
Transmission Cost Recovery	\$/kWh	0.0021744	T	65.23	78.28	65.23	130.46	217.44
Transmission Cost Recovery	\$/kW	0.8300000	T	83.00	83.00	124.50	124.50	124.50
Fuel Adjustment Clause	\$/kWh	0.0300046	G	900.14	1080.17	900.14	1800.28	3000.46
EE&PDR Cost Recovery Rider	\$/kWh	0.0026073	D	78.22	93.86	78.22	156.44	260.73
EDR Cost Recover Rider	%	0.0753687		24.11	24.27	34.76	35.56	36.61
Environmental Rider	%	0.0446836	G	41.26	49.51	41.26	82.51	137.52
Enhanced Service Reliability Rider	%	5.89939%	D	18.87	19.00	27.21	27.83	28.66

Total Bill	G	\$1,864.68	\$2,237.81	\$1,864.68	\$3,729.34	\$6,215.57
	T	\$148.23	\$161.28	\$189.73	\$254.96	\$341.94
	D	\$717.54	\$789.00	\$877.85	\$1,235.14	\$1,711.51
	A	\$2,730.45	\$3,187.89	\$2,932.26	\$5,219.44	\$8,269.02

Minimum Minimum Minimum
Edison Electric Institute
Typical Net Monthly Bills
0

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Ohio Power Company

GENERAL SERVICE-2-Sec (Cont'd)		Ex. kVA Rate Schedule	kW kWh Charges	8 300 60 000	8 300 90 000	8 300 120 000	8 300 150 000	8 300 200 000
<u>Bill Calculations</u>								
Customer Charge	\$/mo.	22.91	D	\$22.91	\$22.91	\$22.91	\$22.91	\$22.91
Energy Charges	\$/kWh	0.0307759	G	1,846.55	2,769.83	3,693.11	4,616.39	6,155.18
	\$/kWh	0.0003512	D	21.07	31.81	42.14	52.68	70.24
Demand Charges	\$/kW	2.75	D	825.00	825.00	825.00	825.00	825.00
Exc. KVA Charges	\$/kVA	3.82	D	30.56	30.56	30.56	30.56	30.56
Subtotal			G	\$1,846.55	\$2,769.83	\$3,693.11	\$4,616.39	\$6,155.18
			D	\$699.54	\$910.08	\$920.81	\$931.15	\$948.71
			A	\$2,746.09	\$3,679.91	\$4,613.72	\$5,547.54	\$7,103.89
Universal Service Fund	\$/kWh	0.0025750	D	154.50	231.75	309.00	386.25	515.00
Advanced Energy Fund Rider	\$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	\$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	\$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	\$/kWh	0.00363	D	163.35	272.25	381.15	490.05	671.55
Provider of Last Resort Charge	\$/kWh	0.0026988	D	181.93	242.89	323.86	404.82	539.76
Transmission Cost Recovery	\$/kWh	0.0021744	T	130.46	195.70	260.93	326.16	434.88
Transmission Cost Recovery	\$/kW	0.8300000	T	249.00	249.00	249.00	249.00	249.00
Fuel Adjustment Clause	\$/kWh	0.0300046	G	1800.28	2700.41	3600.55	4500.69	6000.92
EE&PDR Cost Recovery Rider	\$/kWh	0.0026073	D	156.44	234.66	312.88	391.10	521.46
EDR Cost Recover Rider	%	0.0753687		67.80	68.59	69.39	70.18	71.50
Environmental Rider	%	0.0446836	G	82.51	123.77	165.02	206.28	275.04
Enhanced Service Reliability Rider	%	5.89933%	D	53.07	53.69	54.31	54.93	55.97
Total Bill			G	\$3,729.34	\$5,594.01	\$7,458.68	\$9,323.36	\$12,431.14
			T	\$379.46	\$444.70	\$509.93	\$575.16	\$683.88
			D	\$1,720.40	\$2,077.68	\$2,434.97	\$2,792.25	\$3,387.72
			A	\$5,829.20	\$8,116.39	\$10,403.58	\$12,690.77	\$16,502.74

Minimum	Minimum	-	-	-
13 500 100 000	13 500 150 000	13 500 180 000	13 500 200 000	13 500 325 000

<u>Bill Calculations</u>		Ex. kVA Rate Schedule	kW kWh Charges	13 500 100 000	13 500 150 000	13 500 180 000	13 500 200 000	13 500 325 000
Customer Charge	\$/mo.	22.91	D	\$22.91	\$22.91	\$22.91	\$22.91	\$22.91
Energy Charges	\$/kWh	0.0307759	G	3,077.59	4,616.39	5,539.66	6,155.18	10,002.17
	\$/kWh	0.0003512	D	35.12	52.68	63.22	70.24	114.14
Demand Charges	\$/kW	2.75	D	1,375.00	1,375.00	1,375.00	1,375.00	1,375.00
Exc. KVA Charges	\$/kVA	3.82	D	49.66	49.66	49.66	49.66	49.66
Subtotal			G	\$3,077.59	\$4,616.39	\$5,539.66	\$6,155.18	\$10,002.17
			D	\$1,482.69	\$1,500.25	\$1,510.79	\$1,517.81	\$1,561.71
			A	\$4,560.28	\$6,116.64	\$7,050.45	\$7,672.99	\$11,563.88
Universal Service Fund	\$/kWh	0.0025750	D	257.50	386.25	463.50	515.00	836.88
Advanced Energy Fund Rider	\$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	\$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	\$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	\$/kWh	0.00363	D	308.55	490.05	598.95	671.55	1,125.30
Provider of Last Resort Charge	\$/kWh	0.0026988	D	269.88	404.82	485.78	539.76	877.11
Transmission Cost Recovery	\$/kWh	0.0021744	T	217.44	326.16	391.39	434.88	706.68
Transmission Cost Recovery	\$/kW	0.8300000	T	415.00	415.00	415.00	415.00	415.00
Fuel Adjustment Clause	\$/kWh	0.0300046	G	3000.46	4500.69	5400.83	6000.92	9751.50
EE&PDR Cost Recovery Rider	\$/kWh	0.0026073	D	260.73	391.10	469.31	521.46	847.37
EDR Cost Recover Rider	%	0.0753687		111.75	113.07	113.87	114.40	117.70
Environmental Rider	%	0.0446836	G	137.52	206.28	247.53	275.04	446.93

Enhanced Service Reliability Rider	%	5.89939%	D	87.47	88.51	89.13	89.54	92.13
Total Bill			G	\$6,215.57	\$9,323.36	\$11,188.02	\$12,431.14	\$20,200.60
			T	\$632.44	\$741.16	\$806.39	\$849.88	\$1,121.68
			D	\$2,842.34	\$3,437.82	\$3,795.10	\$4,033.29	\$5,521.97
			A	\$9,690.35	\$13,502.34	\$15,789.51	\$17,314.31	\$26,844.25

Minimum Minimum Minimum
Edison Electric Institute
Typical Net Monthly Bills
0

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Ohio Power Company

GENERAL SERVICE-3-Sec				0	0	0	0	0	0
				12	12	30	30	40	40
				1,500	4,000	6,000	10,000	10,000	14,000
Bill Calculations									
Customer Charge	\$/mo	22.91	D	\$22.91	\$22.91	\$22.91	\$22.91	\$22.91	\$22.91
Energy Charges	\$/kWh	0.0013144	G	1.97	5.26	7.89	13.14	13.14	18.40
	\$/kWh	0.0003512	D	0.53	1.40	2.11	3.51	3.51	4.92
Demand Charges	\$/kW	9.28	G	111.36	111.36	278.40	278.40	371.20	371.20
	\$/kW	4.13	D	49.56	49.56	123.90	123.90	165.20	165.20
Exc. KVA Charges	\$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00	0.00
Subtotal			G	\$113.33	\$116.62	\$266.29	\$291.54	\$384.34	\$389.60
			D	\$73.00	\$73.87	\$148.92	\$150.32	\$191.62	\$193.03
			A	\$186.33	\$190.49	\$435.21	\$441.86	\$575.96	\$582.63
Universal Service Fund	\$/kWh	0.0025750	D	3.86	10.30	15.45	25.75	25.75	36.05
Advanced Energy Fund Rider	\$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	\$/kWh	0.00465	D	6.98	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	\$/kWh	0.00419	D	0.00	8.38	16.76	33.52	33.52	50.28
(Over 15,000)	\$/kWh	0.00363	D	0.00	0.00	0.00	0.00	0.00	0.00
Provider of Last Resort Charge	\$/kWh	0.0019382	D	2.91	7.75	11.63	19.38	19.38	27.13
Transmission Cost Recovery	\$/kWh	0.0019202	T	2.88	7.68	11.52	19.20	19.20	26.88
Transmission Cost Recovery	\$/kW	1.7300000	T	20.76	20.76	51.90	51.90	69.20	69.20
Fuel Adjustment Clause	\$/kWh	0.0282459	G	42.37	112.98	169.48	282.46	282.46	395.44
EE&PDR Cost Recovery Rider	\$/kWh	0.0026073	D	3.91	10.43	15.64	26.07	26.07	36.50
EDR Cost Recover Rider	%	0.0753687		5.50	5.57	11.22	11.33	14.44	14.55
Environmental Rider	%	0.0446836	G	5.06	5.21	12.79	13.03	17.17	17.41
Enhanced Service Reliability Rider	%	5.89939%	D	4.31	4.36	8.79	8.87	11.30	11.39
Total Bill			G	\$180.76	\$234.81	\$468.58	\$587.03	\$683.97	\$802.45
			T	\$23.64	\$28.44	\$63.42	\$71.10	\$88.40	\$96.08
			D	\$100.47	\$129.96	\$237.71	\$284.54	\$331.38	\$378.23
			A	\$284.87	\$393.21	\$769.69	\$942.67	\$1,103.75	\$1,276.76

				0	0	0	0	0	0
				50	50	75	75	75	75
				12,500	18,000	15,000	30,000	50,000	50,000
Bill Calculations									
Customer Charge	\$/mo	22.91	D	\$22.91	\$22.91	\$22.91	\$22.91	\$22.91	\$22.91
Energy Charges	\$/kWh	0.0013144	G	16.43	23.66	19.72	39.43	65.72	65.72
	\$/kWh	0.0003512	D	4.39	6.32	5.27	10.54	17.56	17.56
Demand Charges	\$/kW	9.28	G	464.00	464.00	696.00	696.00	696.00	696.00
	\$/kW	4.13	D	206.50	206.50	309.75	309.75	309.75	309.75
Exc. KVA Charges	\$/kVA	3.82	D	0.00	0.00	0.00	0.00	0.00	0.00
Subtotal			G	\$480.43	\$487.66	\$715.72	\$735.43	\$761.72	\$761.72
			D	\$233.80	\$235.73	\$337.93	\$343.20	\$350.22	\$350.22
			A	\$714.23	\$723.39	\$1,053.65	\$1,078.63	\$1,111.94	\$1,111.94
Universal Service Fund	\$/kWh	0.0025750	D	32.19	46.35	38.63	77.25	128.75	128.75
Advanced Energy Fund Rider	\$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	\$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	\$/kWh	0.00419	D	44.00	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	\$/kWh	0.00363	D	0.00	10.89	0.00	54.45	127.05	127.05
Provider of Last Resort Charge	\$/kWh	0.0019382	D	24.23	34.89	29.07	58.15	96.91	96.91
Transmission Cost Recovery	\$/kWh	0.0019202	T	24.00	34.56	28.80	57.61	96.01	96.01
Transmission Cost Recovery	\$/kW	1.7300000	T	86.50	86.50	129.75	129.75	129.75	129.75
Fuel Adjustment Clause	\$/kWh	0.0282459	G	353.07	508.43	423.69	847.38	1412.30	1412.30
EE&PDR Cost Recovery Rider	\$/kWh	0.0026073	D	32.59	46.93	39.11	78.22	130.37	130.37

EDR Cost Recover Rider	%	0.0753687		17.82	17.77	25.47	25.87	26.40
Environmental Rider	%	0.0446836	G	21.47	21.79	31.98	32.86	34.04
Enhanced Service Reliability Rider	%	5.89939%	D	13.79	13.91	19.94	20.25	20.66
Total Bill				\$854.97	\$1,017.88	\$1,171.39	\$1,615.67	\$2,208.06
				\$110.50	\$121.06	\$158.55	\$187.36	\$225.76
				\$407.52	\$470.24	\$553.92	\$721.16	\$944.13
				\$1,372.99	\$1,609.18	\$1,883.86	\$2,524.19	\$3,377.95

Minimum Minimum

Edison Electric Institute
Typical Net Monthly Bills
0

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Ohio Power Company

GENERAL SERVICE-3-Sec (Cont'd)			Ex. kVA Rate Schedule	kW kWh Charges	3 100 30 000	3 100 36 000	4 150 30 000	4 150 60 000	4 150 100 000
<u>Bill Calculations</u>									
Customer Charge	\$/mo.		22.91	D	\$22.91	\$22.91	\$22.91	\$22.91	\$22.91
Energy Charges	\$/kWh	0.0013144	G		39.43	47.32	39.43	78.86	131.44
	\$/kWh	0.0003512	D		10.54	12.64	10.54	21.07	35.12
Demand Charges	\$/kW	9.28	G		928.00	928.00	1,392.00	1,392.00	1,392.00
	\$/kW	4.13	D		413.00	413.00	619.50	619.50	619.50
Exc. KVA Charges	\$/kVA	3.82	D		11.46	11.46	15.28	15.28	15.28
Subtotal					\$967.43	\$975.32	\$1,431.43	\$1,470.86	\$1,523.44
					\$457.91	\$460.01	\$668.23	\$678.76	\$692.81
					\$1,425.34	\$1,435.33	\$2,099.66	\$2,149.62	\$2,216.25
Universal Service Fund	\$/kWh	0.0025750	D		77.25	92.70	77.25	154.50	257.50
Advanced Energy Fund Rider	\$/mo.	0.0000000	D		0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	\$/kWh	0.00465	D		9.30	9.30	9.30	9.30	9.30
(Next 13,000)	\$/kWh	0.00419	D		54.47	54.47	54.47	54.47	54.47
(Over 15,000)	\$/kWh	0.00363	D		54.45	76.23	54.45	163.35	308.55
Provider of Last Resort Charge	\$/kWh	0.0019382	D		58.15	89.78	58.15	116.29	193.82
Transmission Cost Recovery	\$/kWh	0.0019202	T		57.61	89.13	57.61	115.21	192.02
Transmission Cost Recovery	\$/kW	1.7300000	T		173.00	173.00	259.50	259.50	259.50
Fuel Adjustment Clause	\$/kWh	0.0282459	G		847.38	1016.85	847.38	1694.75	2824.59
EE&PDR Cost Recovery Rider	\$/kWh	0.0026073	D		78.22	93.86	78.22	156.44	260.73
EDR Cost Recover Rider	%	0.0753687			34.51	34.67	50.36	51.16	52.22
Environmental Rider	%	0.0446836	G		43.23	43.58	63.96	65.72	68.07
Enhanced Service Reliability Rider	%	5.89939%	D		27.01	27.14	39.42	40.04	40.87
Total Bill					\$1,858.04	\$2,035.75	\$2,342.77	\$3,231.33	\$4,416.10
					\$230.61	\$242.13	\$317.11	\$374.71	\$451.52
					\$851.27	\$918.16	\$1,089.85	\$1,424.31	\$1,870.27
					\$2,939.92	\$3,196.04	\$3,749.73	\$5,030.35	\$6,737.89

Minimum Minimum

			Ex. kVA Rate Schedule	kW kWh Charges	8 300 60 000	8 300 90 000	8 300 120 000	8 300 150 000	8 300 200 000
<u>Bill Calculations</u>									
Customer Charge	\$/mo.		22.91	D	\$22.91	\$22.91	\$22.91	\$22.91	\$22.91
Energy Charges	\$/kWh	0.0013144	G		78.86	118.30	157.73	197.16	262.88
	\$/kWh	0.0003512	D		21.07	31.61	42.14	52.68	70.24
Demand Charges	\$/kW	9.28	G		2,784.00	2,784.00	2,784.00	2,784.00	2,784.00
	\$/kW	4.13	D		1,239.00	1,239.00	1,239.00	1,239.00	1,239.00
Exc. KVA Charges	\$/kVA	3.82	D		30.56	30.56	30.56	30.56	30.56
Subtotal					\$2,862.86	\$2,902.30	\$2,941.73	\$2,981.16	\$3,046.88
					\$1,313.54	\$1,324.08	\$1,334.61	\$1,345.15	\$1,362.71
					\$4,176.40	\$4,226.38	\$4,276.34	\$4,326.31	\$4,409.59
Universal Service Fund	\$/kWh	0.0025750	D		154.50	231.75	309.00	386.25	515.00
Advanced Energy Fund Rider	\$/mo.	0.0000000	D		0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	\$/kWh	0.00465	D		9.30	9.30	9.30	9.30	9.30
(Next 13,000)	\$/kWh	0.00419	D		54.47	54.47	54.47	54.47	54.47
(Over 15,000)	\$/kWh	0.00363	D		163.35	272.25	381.15	490.05	671.55
Provider of Last Resort Charge	\$/kWh	0.0019382	D		116.29	174.44	232.58	290.73	387.64
Transmission Cost Recovery	\$/kWh	0.0019202	T		115.21	172.82	230.42	288.03	384.04
Transmission Cost Recovery	\$/kW	1.7300000	T		519.00	519.00	519.00	519.00	519.00

Fuel Adjustment Clause	\$/kWh	0.0282459	G	1694.75	2542.13	3389.51	4236.89	5649.18
EE&PDR Cost Recovery Rider	\$/kWh	0.0026073	D	156.44	234.66	312.88	391.10	521.46
EDR Cost Recover Rider	%	0.0753687		99.00	99.79	100.59	101.38	102.71
Environmental Rider	%	0.0446836	G	127.92	129.69	131.45	133.21	136.15
Enhanced Service Reliability Rider	%	5.89939%	D	77.49	78.11	78.73	79.36	80.39
Total Bill			G	\$4,885.53	\$5,574.12	\$6,462.69	\$7,351.26	\$8,832.21
			T	\$634.21	\$691.82	\$749.42	\$807.03	\$903.04
			D	\$2,144.38	\$2,478.85	\$2,813.31	\$3,147.79	\$3,705.23
			A	\$7,464.12	\$8,744.79	\$10,025.42	\$11,306.08	\$13,440.48

Edison Electric Institute
Typical Net Monthly Bills
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Ohio Power Company

GENERAL SERVICE-3-Sec (Cont'd)				13	13	13	13	13
				500	500	500	500	500
				100,000	150,000	180,000	200,000	325,000
Bill Calculations								
Customer Charge	\$/mo	22.91	D	\$22.91	\$22.91	\$22.91	\$22.91	\$22.91
Energy Charges	\$/kWh	0.0013144	G	131.44	197.16	236.59	262.88	427.18
	\$/kWh	0.0003512	D	35.12	52.68	63.22	70.24	114.14
Demand Charges	\$/kW	9.28	G	4,640.00	4,640.00	4,640.00	4,640.00	4,640.00
	\$/kW	4.13	D	2,065.00	2,065.00	2,065.00	2,065.00	2,065.00
Exc. KVA Charges	\$/kVA	3.82	D	49.66	49.66	49.66	49.66	49.66
Subtotal			G	\$4,771.44	\$4,837.16	\$4,876.59	\$4,902.88	\$5,067.18
			D	\$2,172.89	\$2,190.25	\$2,200.79	\$2,207.81	\$2,251.71
			A	\$6,944.13	\$7,027.41	\$7,077.38	\$7,110.69	\$7,318.89
Universal Service Fund	\$/kWh	0.0025750	D	257.50	366.25	463.50	515.00	836.88
Advanced Energy Fund Rider	\$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	\$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	\$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	\$/kWh	0.00363	D	308.55	490.05	588.95	671.55	1,125.30
Provider of Last Resort Charge	\$/kWh	0.0019382	D	193.82	290.73	348.88	387.64	629.82
Transmission Cost Recovery	\$/kWh	0.0019202	T	192.02	288.03	345.64	384.04	624.07

Transmission Cost Recovery	\$/kW	1 7300000 T	865 00	865 00	865 00	865 00	865 00
Fuel Adjustment Clause	\$/kWh	0 0282459 G	2824 59	4236 89	5084 26	5649 18	9179 92
EE&PDR Cost Recovery Rider	\$/kWh	0 0026073 D	260 73	391 10	469 31	521 46	847 37
EDR Cost Recover Rider	%	0 0753687	163 75	165 08	165 87	166 40	169 71
Environmental Rider	%	0 0446836 G	213 21	216 14	217 90	219 08	226 42
Enhanced Service Reliability Rider	%	5 89939% D	128 18	129 21	129 83	130 25	132 84
Total Bill		G	\$7 809 24	\$9 290 19	\$10 178 75	\$10 771 14	\$14 473 52
		T	\$1 057 02	\$1 153 03	\$1 210 64	\$1 249 04	\$1 489 07
		D	\$3 548 99	\$4 106 44	\$4 440 90	\$4 663 88	\$6 057 50
		A	\$12 415 25	\$14 549 66	\$15 830 29	\$16 684 06	\$22 020 09

Edison Electric Institute
Typical Net Monthly Bills
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Ohio Power Company

Minimum Minimum

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GENERAL SERVICE-2-Pri

		Ex. kVA	Rate	kW	26	26	26	26	26
		Schedule		kWh	1 000	1 000	1 000	1 000	1 000
		Charges			200 000	300 000	360 000	400 000	650 000
<u>Bill Calculations</u>									
Customer Charge	\$/mo	95 47 D			\$95 47	\$95 47	\$95 47	\$95 47	\$95 47
Energy Charges	\$/kWh	0 0303627 G			6 072 54	9 108 81	10 930 57	12 145 08	19 735 76
		0 0003512 D			70 24	105 36	126 43	140 48	228 28
Demand Charges	\$/kW	1 98 D			1 980 00	1 980 00	1 980 00	1 980 00	1 980 00
Exc. KVA Charges	\$/kVA	3 82 D			99 32	99 32	99 32	99 32	99 32
Subtotal		G			\$6 072 54	\$9 108 81	\$10 930 57	\$12 145 08	\$19 735 76
		D			\$2 245 03	\$2 280 15	\$2 301 22	\$2 315 27	\$2 403 07
		A			\$8 317 57	\$11 388 96	\$13 231 79	\$14 460 35	\$22 138 83
Universal Service Fund	\$/kWh	0 0025750 D			515 00	772 50	927 00	1 030 00	1 673 75
Advanced Energy Fund Rider	\$/mo.	0 0000000 D			0 00	0 00	0 00	0 00	0 00
KWH Tax (First 2 000)	\$/kWh	0 00465 D			9 30	9 30	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 00419 D			54 47	54 47	54 47	54 47	54 47
(Over 15 000)	\$/kWh	0 00363 D			671 55	1 034 55	1 252 35	1 397 55	2 305 05
Provider of Last Resort Charge	\$/kWh	0 0026988 D			539 76	809 64	971 57	1 079 52	1 754 22
Transmission Cost Recovery	\$/kWh	0 0020964 T			419 28	628 92	754 70	838 56	1 362 66
Transmission Cost Recovery	\$/kW	0 8000000 T			800 00	800 00	800 00	800 00	800 00
Fuel Adjustment Clause	\$/kWh	0 0289296 G			5 785 92	8 678 88	10 414 66	11 571 84	18 804 24
EE&PDR Cost Recovery Rider	\$/kWh	0 0026073 D			521 46	782 19	938 63	1 042 92	1 694 75
EDR Cost Recover Rider	%	0 0753687			169 20	171 85	173 44	174 50	181 12
Environmental Rider	%	0 0446836 G			271 34	407 01	488 42	542 69	881 86
Enhanced Service Reliability Rider	%	5 89939% D			132 44	134 51	135 76	136 59	141 77
Total Bill		G			\$12 129 80	\$18 194 70	\$21 833 65	\$24 259 61	\$39 421 86
		T			\$1 219 28	\$1 428 92	\$1 554 70	\$1 638 56	\$2 162 66
		D			\$4 858 21	\$6 049 16	\$6 763 74	\$7 240 12	\$10 217 50
		A			\$18 207 29	\$25 672 78	\$30 152 09	\$33 138 29	\$51 802 02

Minimum Minimum Minimum - -

GENERAL SERVICE-3-Pri

		Ex. kVA	Rate	kW	26	26	26	26	26
		Schedule		kWh	1 000	1 000	1 000	1 000	1 000
		Charges			200 000	300 000	360 000	400 000	650 000
<u>Bill Calculations</u>									
Customer Charge	\$/mo	95 47 D			\$95 47	\$95 47	\$95 47	\$95 47	\$95 47
Energy Charges	\$/kWh	0 0019129 G			382 58	573 87	688 64	765 16	1 243 39
		0 0003512 D			70 24	105 36	126 43	140 48	228 28
Demand Charges	\$/kW	8 97 G			8 970 00	8 970 00	8 970 00	8 970 00	8 970 00
	\$/kW	3 31 D			3 310 00	3 310 00	3 310 00	3 310 00	3 310 00
Exc. KVA Charges	\$/kVA	3 82 D			99 32	99 32	99 32	99 32	99 32
Subtotal		G			\$9 352 58	\$9 543 87	\$9 858 64	\$9 735 16	\$10 213 39
		D			\$3 575 03	\$3 610 15	\$3 631 22	\$3 645 27	\$3 733 07
		A			\$12 927 61	\$13 154 02	\$13 289 86	\$13 380 43	\$13 946 46
Universal Service Fund	\$/kWh	0 0025750 D			515 00	772 50	927 00	1 030 00	1 673 75
Advanced Energy Fund Rider	\$/mo.	0 0000000 D			0 00	0 00	0 00	0 00	0 00
KWH Tax (First 2 000)	\$/kWh	0 00465 D			9 30	9 30	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 00419 D			54 47	54 47	54 47	54 47	54 47
(Over 15 000)	\$/kWh	0 00363 D			671 55	1 034 55	1 252 35	1 397 55	2 305 05

Provider of Last Resort Charge	\$/kWh	0 0019382 D	387 64	581 46	697 75	775 28	1259 83
Transmission Cost Recovery	\$/kWh	0 0018514 T	370 28	555 42	666 50	740 56	1203 41
Transmission Cost Recovery	\$/kW	1 6700000 T	1670 00	1670 00	1670 00	1670 00	1670 00
Fuel Adjustment Clause	\$/kWh	0 0272339 G	5446 78	8170 17	9804 20	10983 58	17702 04
EE&PDR Cost Recovery Rider	\$/kWh	0 0026073 D	521 46	782 19	938 63	1042 92	1694 75
EDR Cost Recover Rider	%	0 0753687	269 45	272 09	273 68	274 74	281 36
Environmental Rider	%	0 0446836 G	417 91	426 45	431 58	435 00	456 37
Enhanced Service Reliability Rider	%	5 89939% D	210 90	212 98	214 22	215 05	220 23

Total Bill		G	\$15 217.27	\$18 140.49	\$19 894.42	\$21 063.72	\$28 371.80
		T	\$2 040.28	\$2 225.42	\$2 336.50	\$2 410.56	\$2 873.41
		D	\$6 214.80	\$7 329.69	\$7 998.62	\$8 444.58	\$11 231.81
		A	\$23 472.35	\$27 695.60	\$30 229.54	\$31 918.86	\$42 477.02

Edison Electric Institute
Typical Net Monthly Bills
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Minimum Minimum

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Ohio Power Company

GENERAL SERVICE-2-Sub

		Ex. kVA Rate Schedule	kW kWh	132 5 000 1 500 000	132 5 000 2 500 000	132 5 000 3 250 000
Bill Calculations						
Customer Charge	\$/mo	272 09 D		\$272.09	\$272.09	\$272.09
Energy Charges	\$/kWh	0 0300940 G		45 141.00	75 235.00	97 805.50
	\$/kWh	0 0003512 D		528.80	878.00	1 141.40
Demand Charges	\$/kW	0 T		0.00	0.00	0.00
	\$/kW	1 60 D		8 000.00	8 000.00	8 000.00
Exc. KVA Charges	\$/kVA	3 82 D		504.24	504.24	504.24
Subtotal		G		\$45 141.00	\$75 235.00	\$97 805.50
		D		\$9 303.13	\$9 654.33	\$9 917.73
		A		\$54 444.13	\$84 889.33	\$107 723.23
Univ. Serv. Fund < 833,000 KWH	\$/kWh	0 0025750 D		2144.98	2144.98	2144.98
Univ. Serv. Fund > 833,000 KWH	\$/kWh	0 0001681 D		112.12	280.22	406.30
Advanced Energy Fund Rider	\$/mo.	0 0000000 D		0.00	0.00	0.00
KWH Tax (First 2 000)	\$/kWh	0 00465 D		9.30	9.30	9.30
(Next 13 000)	\$/kWh	0 00419 D		54.47	54.47	54.47
(Over 15,000)	\$/kWh	0 00363 D		5390.55	9020.55	11743.05
Provider of Last Resort Charge	\$/kWh	0 0026988 D		4048.20	6747.00	8771.10
Transmission Cost Recovery	\$/kWh	0 0020460 T		3069.00	5115.00	6649.50
Transmission Cost Recovery	\$/kW	0 7800000 T		3900.00	3900.00	3900.00
Fuel Adjustment Clause	\$/kWh	0 0282345 G		42351.75	70588.25	91762.13
EE&PDR Cost Recovery Rider	\$/kWh	0 0026073 D		3910.85	6518.25	8473.73
EDR Cost Recover Rider	%	0 0753687		701.18	727.63	747.49
Environmental Rider	%	0 0446836 G		2017.06	3361.77	4370.30
Enhanced Service Reliability Rider	%	5 89939% D		548.83	569.55	585.09
Total Bill		G		\$89 509.81	\$149 183.02	\$193 937.93
		T		\$6 989.00	\$9 015.00	\$10 549.50
		D		\$26 223.69	\$35 728.28	\$42 853.24
		A		\$122 702.50	\$193 924.30	\$247 340.67

Minimum

GENERAL SERVICE-3-Sub

		Ex. kVA Rate Schedule	kW kWh	132 5 000 1 500 000	132 5 000 2 500 000	132 5 000 3 250 000
Bill Calculations						
Customer Charge	\$/mo	272 09 D		\$272.09	\$272.09	\$272.09
Energy Charges	\$/kWh	0 0022566 G		3 384.90	5 641.50	7 333.95
		0 0003512 D		526.80	878.00	1 141.40
Demand Charges	\$/kW	8 72 G		43 600.00	43 600.00	43 600.00
	\$/kW	0 00 T		0.00	0.00	0.00
	\$/kW	2 93 D		14 650.00	14 650.00	14 650.00
Exc. KVA Charges	\$/kVA	3 82 D		504.24	504.24	504.24
Subtotal		G		48 984.90	49 241.50	50 933.95
		D		\$15 953.13	\$16 304.33	\$16 567.73
		A		\$62 938.03	\$65 545.83	\$67 501.68
Univ. Serv. Fund < 833,000 KWH	\$/kWh	0 0025750 D		2 144.98	2 144.98	2 144.98
Univ. Serv. Fund > 833,000 KWH	\$/kWh	0 0001681 D		112.12	280.22	406.30
Advanced Energy Fund Rider	\$/mo.	0 0000000 D		0.00	0.00	0.00
KWH Tax (First 2 000)	\$/kWh	0 00465 D		9.30	9.30	9.30

(Next 13 000)	\$/kWh	0 00419 D	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0,00363 D	5 390 55	9 020 55	11 743 05
Provider of Last Resort Charge	\$/kWh	0 0019382 D	2 907 30	4 845 50	6 299 15
Transmission Cost Recovery	\$/kWh	0 0018068 T	2 710 20	4 517 00	5 872 10
Transmission Cost Recovery	\$/kW	1 8300000 T	8 150 00	8 150 00	8 150 00
Fuel Adjustment Clause	\$/kWh	0 0265795 G	39 869 25	66 448 75	86 383 38
EE&PDR Cost Recovery Rider	\$/kWh	0 0026073 D	3 910 95	6 518 25	8 473 73
EDR Cost Recover Rider	%	0 0753687	1 202 37	1 228 84	1 248 69
Environmental Rider	%	0,0446836 G	2 099 45	2 200 29	2 275 91
Enhanced Service Reliability Rider	%	5 89939% D	941,14	961,86	977,40
Total Bill		G	\$88 953 60	\$117 890 54	\$139 593 24
		T	\$10 860 20	\$12 667 00	\$14 022 10
		D	\$32,626 31	\$41,368 30	\$47 924 80
		A	\$132,440 11	\$171 925 84	\$201,540 14

Edison Electric Institute
Typical Net Monthly Bills
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GENERAL SERVICE-4-Sub

Ohio Power Company

		Ex. kVAR	1 197	1 197	1 197	2 395	2 395	2 395
		Rate	10 000	10 000	10 000	20 000	20 000	20 000
		Schedule kWh	3 000 000	5 000 000	6 500 000	6 000 000	10 000 000	13,000 000
Bill Calculations		Charges						
Customer Charge	\$/mo	429 62 D	\$429.62	\$429.62	\$429.62	\$429.62	\$429.62	\$429.62
Energy Charges	\$/kWh	0 0005159 G	1 547 70	2 579 50	3 353 35	3 095 40	5 159 00	6 706.70
	\$/kWh	0 0003512 D	1 053 60	1 756 00	2 282 80	2 107 20	3 512 00	4 565.60
Demand Charges	\$/kW	9 55 G	95 500 00	95 500 00	95 500 00	191 000 00	191 000 00	191 000 00
	\$/kW	1 15 D	11 500 00	11 500 00	11 500 00	23,000 00	23 000 00	23 000 00
Reactive Charges	\$/KVAR	0 48 D	574.56	574.56	574.56	1,149.60	1,149.60	1,149.60
Subtotal		G	\$97 047 70	\$98 079 50	\$98 853.35	\$194 095 40	\$196 159 00	\$197 706 70
		D	\$13,557.78	\$14,260.18	\$14 786 98	\$26,686.42	\$28,091.22	\$29 144.82
		A	\$110 605 48	\$112,339.68	\$113 640 33	\$220 781 82	\$224,250.22	\$226,651 52
Univ. Serv. Fund < 833 000 KWH	\$/kWh	0 0025750 D	2144 98	2144 98	2144 98	2144 98	2144 98	2144 98
Univ. Serv. Fund > 833 000 KWH	\$/kWh	0 0001681 D	364 27	700 47	952 62	868 57	1540 97	2045 27
Advanced Energy Fund Rider	\$/mo.	0 0000000 D	0 00	0 00	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 00465 D	9 30	9 30	9 30	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 00419 D	54 47	54 47	54 47	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0,00363 D	10935 55	18095 55	23540 55	21725 55	36245 55	47135 55
Provider of Last Resort Charge	\$/kWh	0 0015828 D	4748 40	7914 00	10288 20	9496 80	15828 00	20576 40
Transmission Cost Recovery	\$/kWh	0 0017995 T	5398 50	8997 50	11696 75	10797 00	17995 00	23393 50
Transmission Cost Recovery	\$/kW	1 9300000 T	19300 00	19300 00	19300 00	38600 00	38600 00	38600 00
Fuel Adjustment Clause	\$/kWh	0 0237622 G	71286.60	118811 00	154454 30	142573.20	237622 00	308908 60
EE&PDR Cost Recovery Rider	\$/kWh	0 0003662 D	1098 60	1831 00	2380 30	2197 20	3662 00	4760 60
EDR Cost Recover Rider	%	0 0753687	1021 83	1074 77	1114 48	2011 32	2117 20	2196 61
Environmental Rider	%	0,0446836 G	4336 44	4392 55	4417 12	8672 88	8765 09	8834 25
Enhanced Service Reliability Rider	%	5 89939% D	799.83	841.26	872 34	1574.34	1657.21	1719 37
Total Bill		G	\$172 670 74	\$221 273 05	\$257 724 77	\$345 341 48	\$442 546 09	\$515 449 55
		T	\$24 698 50	\$28 297 50	\$30 996 75	\$49 397 00	\$56 595 00	\$61 993 50
		D	\$34,635.01	\$46 625 98	\$56,144.22	\$66,768.95	\$91,350.90	\$109,787.37
		A	\$232,004.25	\$296,496.53	\$344,865 74	\$461,507.43	\$590,491.99	\$687,230.42
			Minimum	Minimum	Minimum	Minimum	Minimum	Minimum

GENERAL SERVICE-4-Tran

		Ex. kVAR	5 987	5 987	5 987
		Rate	50 000	50 000	50 000
		Schedule kWh	15 000 000	25 000 000	32 500 000
Bill Calculations		Charges			
Customer Charge	\$/mo	534 63 D	\$534 63	\$534 63	\$534.63
Energy Charges	\$/kWh	0 0004747 G	7 120 50	11 867 50	15 427 75
	\$/kWh	0 0003512 D	5 268 00	8 780 00	11 414 00
Demand Charges	\$/kW	9 38 G	469 000 00	469 000 00	469 000 00
	\$/kW	0 43 D	21 500 00	21 500 00	21 500 00
Reactive Charges	\$/KVAR	0 48 D	2,873.76	2 873 76	2 873.76
Subtotal		G	\$476 120 50	\$480 867 50	\$484 427 75
		D	\$30,176.39	\$33,688.39	\$36 322 39
		A	\$506 296 89	\$514,555.89	\$520,750 14
Univ. Serv. Fund < 833,000 KWH	\$/kWh	0 0025750 D	2144 98	2144 98	2144 98
Univ. Serv. Fund > 833 000 KWH	\$/kWh	0 0001681 D	2381 47	4062 47	5323 22
Advanced Energy Fund Rider	\$/mo.	0 0000000 D	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 00465 D	9 30	9 30	9 30
(Next 13,000)	\$/kWh	0 00419 D	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0,00363 D	54395 55	90695 55	117920 55
Provider of Last Resort Charge	\$/kWh	0 0015828 D	23742 00	39570 00	51441 00
Transmission Cost Recovery	\$/kWh	0 0017995 T	26992 50	44987 50	58483 75
Transmission Cost Recovery	\$/kW	1 9300000 T	96500 00	98500 00	96500 00
Fuel Adjustment Clause	\$/kWh	0 0237622 G	356433.00	594055 00	772271 50
EE&PDR Cost Recovery Rider	\$/kWh	0 0003662 D	5493 00	9155 00	11901 50
EDR Cost Recover Rider	%	0 0753687	2274 36	2539 05	2737 57
Environmental Rider	%	0,0446836 G	21274 78	21486 89	21645 98
Enhanced Service Reliability Rider	%	5 89939% D	1760 22	1987 41	2142.80
Total Bill		G	\$853,828.28	\$1,096 409 39	\$1,278 345 23
		T	\$123 482 50	\$141 487 50	\$154 983 75
		D	\$122,451.74	\$183,906.62	\$229,997 78
		A	\$1,099,772 52	\$1,421,803.51	\$1,663,326.76
			Minimum	Minimum	Minimum

Reactive charges billed for KVAR in excess of one-half of monthly metered kW

Ohio Power Company

RESIDENTIAL

			Rate Schedule Charges	100 kWh	250 kWh	500 kWh	750 kWh	1 000 kWh
Bill Calculations								
Customer Charge	\$/mo	3 82	D	\$3.82	\$3.82	\$3.82	\$3.82	\$3.82
Energy Charges								
First 800 kWh	\$/kWh	0 0261075	G	2.61	6.53	13.05	19.58	20.89
	\$/kWh	0 0235642	D	2.36	5.89	11.78	17.67	18.85
Over 800 kWh	\$/kWh	0 0216278	G	0.00	0.00	0.00	0.00	4.33
	\$/kWh	0 0171224	D	0.00	0.00	0.00	0.00	3.42
Subtotal			G	\$2.61	\$6.53	\$13.05	\$19.58	\$25.22
			D	\$6.18	\$9.71	\$15.60	\$21.49	\$26.09
			A	\$8.79	\$16.24	\$28.65	\$41.07	\$51.31
Universal Service Fund	\$/kWh	0 0025750	D	0.26	0.64	1.29	1.93	2.58
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2 000)	\$/kWh	0 00485	D	0.47	1.16	2.33	3.49	4.65
(Next 13 000)	\$/kWh	0 00419	D	0.00	0.00	0.00	0.00	0.00
(Over 15 000)	\$/kWh	0 00363	D	0.00	0.00	0.00	0.00	0.00
Provider of Last Resort Charge	\$/kWh	0 0023366	D	0.23	0.58	1.17	1.75	2.34
Transmission Cost Recovery	\$/kWh	0 0078253	T	0.78	1.96	3.91	5.87	7.83
Fuel Adjustment Clause	\$/kWh	0 0318012	G	3.18	7.95	15.90	23.85	31.80
EE&PDR Cost Recovery Rider	\$/kWh	0 0031831	D	0.32	0.80	1.59	2.39	3.18
EDR Cost Recover Rider	%	7 53687	D	0.47	0.73	1.18	1.62	1.97
Environmental Rider	%	4 46836	G	0.12	0.29	0.58	0.87	1.13
Enhanced Service Reliability Rider	%	5 89939	D	0.36	0.57	0.92	1.27	1.54
Total Bill			G	\$5.91	\$14.77	\$29.53	\$44.30	\$58.15
			T	\$0.78	\$1.96	\$3.91	\$5.87	\$7.83
			D	\$8.29	\$14.19	\$24.08	\$33.94	\$42.35
			A	\$14.98	\$30.82	\$57.52	\$84.11	\$108.33
Minimum								
			Rate Schedule Charges	1 500 kWh	2 000 kWh	3 000 kWh	5 000 kWh	7 500 kWh
Customer Charge	\$/mo	3 82	D	\$3.82	\$3.82	\$3.82	\$3.82	\$3.82
Energy Charges								
First 800 kWh	\$/kWh	0 0261075	G	20.89	20.89	20.89	20.89	20.89
	\$/kWh	0 0235642	D	18.85	18.85	18.85	18.85	18.85
Over 800 kWh	\$/kWh	0 0216278	G	15.14	25.95	47.58	90.84	144.91
	\$/kWh	0 0171224	D	11.99	20.55	37.67	71.91	114.72
Subtotal			G	36.03	46.84	68.47	111.73	165.80
			D	\$34.66	\$43.22	\$60.34	\$94.58	\$137.39
			A	\$70.69	\$90.06	\$128.81	\$206.31	\$303.19
Universal Service Fund	\$/kWh	0 0025750	D	3.86	5.15	7.73	12.88	19.31
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2 000)	\$/kWh	0 00485	D	6.98	9.30	9.30	9.30	9.30
(Next 13 000)	\$/kWh	0 00419	D	0.00	0.00	4.19	12.57	23.05
(Over 15 000)	\$/kWh	0 00363	D	0.00	0.00	0.00	0.00	0.00
Provider of Last Resort Charge	\$/kWh	0 0023366	D	3.50	4.67	7.01	11.68	17.52
Transmission Cost Recovery	\$/kWh	0 0078253	T	11.74	15.65	23.48	39.13	58.89
Fuel Adjustment Clause	\$/kWh	0 0318012	G	47.70	63.80	95.40	159.01	238.51
EE&PDR Cost Recovery Rider	\$/kWh	0 0031831	D	4.77	6.37	9.55	15.92	23.87
EDR Cost Recover Rider	%	0 0753687	D	2.61	3.26	4.55	7.13	10.35
Environmental Rider	%	0 0446836	G	1.61	2.09	3.06	4.99	7.41
Enhanced Service Reliability Rider	%	5 89939	D	2.04	2.55	3.56	5.58	8.11
Total Bill			G	\$85.34	\$112.53	\$166.93	\$275.73	\$411.72
			T	\$11.74	\$15.65	\$23.48	\$39.13	\$58.89
			D	\$58.42	\$74.52	\$106.23	\$169.64	\$248.90
			A	\$155.50	\$202.70	\$296.64	\$484.50	\$719.31
Minimum								
			Rate Schedule Charges	1 500 kWh	2 000 kWh	3 000 kWh	5 000 kWh	7 500 kWh

Ohio Power Company

GENERAL SERVICE-1-Sec

			kW	3	3	6	6
			kWh	375	1 000	750	2 000
Rate Schedule Charges							
<u>Bill Calculations</u>							
Customer Charge	\$/mo	13 17 D		\$13.17	\$13.17	\$13.17	\$13.17
Energy Charges	\$/kWh	0 0341765 G		12.82	34.18	25.63	68.35
	\$/kWh	0 0027999 D		1.05	2.80	2.10	5.60
Subtotal		G		\$12.82	\$34.18	\$25.63	\$68.35
		D		\$14.22	\$15.97	\$15.27	\$18.77
		A		\$27.04	\$50.15	\$40.90	\$87.12
Universal Service Fund	\$/kWh	0 0025750 D		0.97	2.58	1.93	5.15
Advanced Energy Fund Rider	\$/mo.	0 0000000 D		0.00	0.00	0.00	0.00
KWH Tax (First 2 000)	\$/kWh	0 00465 D		1.74	4.65	3.49	9.30
(Next 13 000)	\$/kWh	0 00419 D		0.00	0.00	0.00	0.00
(Over 15 000)	\$/kWh	0 00363 D		0.00	0.00	0.00	0.00
Provider of Last Resort Charge	\$/kWh	0 0026384 D		0.98	2.64	1.98	5.28
Transmission Cost Recovery	\$/kWh	0 0084507 T		2.42	6.45	4.84	12.90
Fuel Adjustment Clause	\$/kWh	0 0329131 G		12.34	32.91	24.68	65.83
EE&PDR Cost Recovery Rider	\$/kWh	0 0013441 D		0.50	1.34	1.01	2.69
EDR Cost Recover Rider	%	0 0753687		1.07	1.20	1.15	1.41
Environmental Rider	%	0 0446836 G		0.57	1.53	1.15	3.05
Enhanced Service Reliability Rider	%	5 89939% D		0.84	0.94	0.90	1.11
Total Bill		G		\$25.73	\$68.62	\$51.46	\$137.23
		T		\$2.42	\$6.45	\$4.84	\$12.90
		D		\$20.33	\$29.32	\$25.73	\$43.71
		A		\$48.48	\$104.39	\$82.03	\$193.84

Minimum Minimum Minimum Minimum

GENERAL SERVICE-2-Sec

			Ex. kVA	kW	0	0	0	0	0	0
			Rate	kWh	12	12	30	30	40	40
			Schedule		1 500	4 000	6 000	10 000	10 000	14 000
			Charges							
<u>Bill Calculations</u>										
Customer Charge	\$/mo	22 91 D			\$22.91	\$22.91	\$22.91	\$22.91	\$22.91	\$22.91
Energy Charges	\$/kWh	0 0307759 G			46.16	123.10	184.66	307.76	307.76	430.86
	\$/kWh	0 0003512 D			0.53	1.40	2.11	3.51	3.51	4.92
Demand Charges	\$/kW	2 75 D			33.00	33.00	82.50	82.50	110.00	110.00
Exc. KVA Charges	\$/kVA	3 82 D			0.00	0.00	0.00	0.00	0.00	0.00
Subtotal		G			\$46.16	\$123.10	\$184.66	\$307.76	\$307.76	\$430.86
		D			\$56.44	\$57.31	\$107.52	\$108.92	\$136.42	\$137.83
		A			\$102.60	\$180.41	\$292.18	\$416.68	\$444.18	\$568.69
Universal Service Fund	\$/kWh	0 0025750 D			3.88	10.30	15.45	25.75	25.75	36.05
Advanced Energy Fund Rider	\$/mo.	0 0000000 D			0.00	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2 000)	\$/kWh	0 00465 D			6.98	9.30	9.30	9.30	9.30	9.30
(Next 13 000)	\$/kWh	0 00419 D			0.00	8.38	16.76	33.52	33.52	50.28
(Over 15 000)	\$/kWh	0 00363 D			0.00	0.00	0.00	0.00	0.00	0.00
Provider of Last Resort Charge	\$/kWh	0 0026988 D			4.05	10.80	16.19	26.99	26.99	37.78
Transmission Cost Recovery	\$/kWh	0 0021744 T			3.26	8.70	13.05	21.74	21.74	30.44
Transmission Cost Recovery	\$/kW	0 8300000 T			9.96	9.96	24.90	24.90	33.20	33.20
Fuel Adjustment Clause	\$/kWh	0 0300046 G			45.01	120.02	180.03	300.05	300.05	420.06
EE&PDR Cost Recovery Rider	\$/kWh	0 0013441 D			2.02	5.38	8.06	13.44	13.44	18.82
EDR Cost Recover Rider	%	0 0753687			4.25	4.32	8.10	8.21	10.28	10.39
Environmental Rider	%	0 0446836 G			2.06	5.50	8.25	13.75	13.75	19.25
Enhanced Service Reliability Rider	%	5 89939% D			3.33	3.38	6.34	6.43	8.05	8.13
Total Bill		G			\$93.23	\$248.62	\$372.94	\$621.56	\$621.56	\$870.17
		T			\$13.22	\$18.66	\$37.95	\$46.64	\$54.94	\$63.64
		D			\$80.93	\$109.17	\$187.72	\$232.56	\$263.75	\$308.58
		A			\$187.38	\$376.45	\$598.61	\$900.76	\$940.25	\$1,242.39

Minimum Minimum Minimum Minimum Minimum Minimum

Ohio Power Company

GENERAL SERVICE-2 Sec
(Cont'd)

		Ex. kVA Rate Schedule Charges	kW kWh	0 50 12 500	0 50 18 000	0 75 15 000	0 75 30 000	0 75 50 000
<u>Bill Calculations</u>								
Customer Charge	\$/mo	22 91	D	\$22 91	\$22 91	\$22 91	\$22 91	\$22 91
Energy Charges	\$/kWh	0 0307759	G	384 70	553 97	461 64	923 28	1 538 80
	\$/kWh	0 0003512	D	4 39	6 32	5 27	10 54	17 56
Demand Charges	\$/kW	2 75	D	137 50	137 50	206 25	206 25	206 25
Exc. KVA Charges	\$/kVA	3 82	D	0 00	0 00	0 00	0 00	0 00
Subtotal			G	\$384 70	\$553 97	\$461 64	\$923 28	\$1,538 80
			D	\$164 80	\$166 73	\$234 43	\$239 70	\$246 72
			A	\$549 50	\$720 70	\$696 07	\$1 162 98	\$1,785 52
Universal Service Fund	\$/kWh	0 0025750	D	32 19	46 35	38 63	77 25	128 75
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00	0 00
KWH Tax (First 2 000)	\$/kWh	0 00465	D	9 30	9 30	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 00419	D	44 00	54 47	54 47	54 47	54 47
(Over 15 000)	\$/kWh	0 00363	D	0 00	10 89	0 00	54 45	127 05
Provider of Last Resort Charge	\$/kWh	0 0026988	D	33 74	48 58	40 48	80 96	134 94
Transmission Cost Recovery	\$/kWh	0 0021744	T	27 18	39 14	32 62	65 23	108 72
Transmission Cost Recovery	\$/kW	0 8300000	T	41 50	41 50	62 25	62 25	62 25
Fuel Adjustment Clause	\$/kWh	0 0300046	G	375 06	540 08	450 07	900 14	1500 23
EE&PDR Cost Recovery Rider	\$/kWh	0 0013441	D	16 80	24 19	20 16	40 32	67 21
EDR Cost Recover Rider	%	0 0753687		12 42	12 57	17 67	18 07	18 59
Environmental Rider	%	0 0446836	G	17 19	24 75	20 63	41 26	68 78
Enhanced Service Reliability Rider	%	5 89939%	D	9 72	9 84	13 83	14 14	14 55
Total Bill			G	\$776 95	\$1 118 80	\$932 34	\$1,884 68	\$3,107 79
			T	\$68 68	\$80 64	\$94 87	\$127 48	\$170 87
			D	\$322 97	\$382 92	\$428 97	\$588 66	\$801 58
			A	\$1,168 60	\$1 582 36	\$1,456 18	\$2,580 82	\$4 080 34

Minimum Minimum Minimum - -

		Ex. kVA Rate Schedule Charges	kW kWh	3 100 30 000	3 100 36 000	4 150 30 000	4 150 60 000	4 150 100 000
<u>Bill Calculations</u>								
Customer Charge	\$/mo	22 91	D	\$22 91	\$22 91	\$22 91	\$22 91	\$22 91
Energy Charges	\$/kWh	0 0307759	G	923 28	1 107 93	923 28	1 846 55	3 077 59
	\$/kWh	0 0003512	D	10 54	12 64	10 54	21 07	35 12
Demand Charges	\$/kW	2 75	D	275 00	275 00	412 50	412 50	412 50
Exc. KVA Charges	\$/kVA	3 82	D	11 46	11 46	15 28	15 28	15 28
Subtotal			G	\$923 28	\$1,107 93	\$923 28	\$1,846 55	\$3,077 59
			D	\$319 91	\$322 01	\$461 23	\$471 76	\$485 81
			A	\$1 243 19	\$1 429 94	\$1 384 51	\$2,318 31	\$3 563 40
Universal Service Fund	\$/kWh	0 0025750	D	77 25	92 70	77 25	154 50	257 50
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00	0 00
KWH Tax (First 2 000)	\$/kWh	0 00465	D	9 30	9 30	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 00419	D	54 47	54 47	54 47	54 47	54 47
(Over 15 000)	\$/kWh	0 00363	D	54 45	76 23	54 45	163 35	308 55
Provider of Last Resort Charge	\$/kWh	0 0026988	D	80 96	97 16	80 96	161 93	269 88
Transmission Cost Recovery	\$/kWh	0 0021744	T	65 23	78 28	65 23	130 46	217 44
Transmission Cost Recovery	\$/kW	0 8300000	T	83 00	83 00	124 50	124 50	124 50
Fuel Adjustment Clause	\$/kWh	0 0300046	G	900 14	1080 17	900 14	1800 28	3000 46
EE&PDR Cost Recovery Rider	\$/kWh	0 0013441	D	40 32	48 39	40 32	80 65	134 41
EDR Cost Recover Rider	%	0 0753687		24 11	24 27	34 78	35 56	36 61
Environmental Rider	%	0 0446836	G	41 26	49 51	41 26	82 51	137 52
Enhanced Service Reliability Rider	%	5 89939%	D	18 87	19 00	27 21	27 83	28 66
Total Bill			G	\$1,864 68	\$2,237 61	\$1,864 68	\$3,729 34	\$6,215 57
			T	\$148 23	\$161 28	\$189 73	\$254 96	\$341 94
			D	\$679 64	\$743 53	\$839 95	\$1,159 35	\$1 585 19
			A	\$2 692 55	\$3 142 42	\$2,894 36	\$5 143 65	\$8,142 70

Minimum Minimum Minimum - -

Ohio Power Company

GENERAL SERVICE-2-Sec (Cont'd)		Ex. kVA Rate	kW Schedule	8 300 60 000	8 300 90 000	8 300 120 000	8 300 150 000	8 300 200 000
Bill Calculations		Charges						
Customer Charge	\$/mo	22 91	D	\$22 91	\$22 91	\$22 91	\$22 91	\$22 91
Energy Charges	\$/kWh	0 0307759	G	1 846 55	2 769 83	3 693 11	4 616 39	6 155 18
	\$/kWh	0 0003512	D	21 07	31 61	42 14	52 68	70 24
Demand Charges	\$/kW	2 75	D	825 00	825 00	825 00	825 00	825 00
Exc. KVA Charges	\$/kVA	3 82	D	30 56	30 56	30 56	30 56	30 56
Subtotal			G	\$1,846 55	\$2,769 83	\$3,693 11	\$4,616 39	\$6,155 18
			D	\$899 54	\$910 09	\$920 61	\$931 15	\$948 71
			A	\$2,746 09	\$3 679 91	\$4,613 72	\$5 547 54	\$7,103 89
Universal Service Fund	\$/kWh	0 0025750	D	154 50	231 75	309 00	386 25	515 00
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 00465	D	9 30	9 30	9 30	9 30	9 30
(Next 13,000)	\$/kWh	0 00419	D	54 47	54 47	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0 00363	D	163 35	272 25	381 15	490 05	671 55
Provider of Last Resort Charge	\$/kWh	0 0026988	D	161 93	242 89	323 86	404 82	539 76
Transmission Cost Recovery	\$/kWh	0 0021744	T	130 46	195 70	260 93	326 16	434 88
Transmission Cost Recovery	\$/kW	0 8300000	T	249 00	249 00	249 00	249 00	249 00
Fuel Adjustment Clause	\$/kWh	0 0300046	G	1800 28	2700 41	3600 55	4500 69	6000 92
EE&PDR Cost Recovery Rider	\$/kWh	0 0013441	D	80 65	120 97	161 29	201 62	268 82
EDR Cost Recover Rider	%	0 0753687		67 80	88 59	69 39	70 18	71 50
Environmental Rider	%	0 0446836	G	82 51	123 77	165 02	206 28	275 04
Enhanced Service Reliability Rider	%	5 89939%	D	53 07	53 69	54 31	54 83	55 97
Total Bill			G	\$3,729 34	\$5,594 01	\$7,458 68	\$9,323 36	\$12,431 14
			T	\$379 46	\$444 70	\$509 93	\$575 16	\$683 88
			D	\$1,644 61	\$1 963 99	\$2 283 38	\$2 602 77	\$3 135 08
			A	\$5,753 41	\$8 002 70	\$10 251 99	\$12 501 29	\$16 250 10
				Minimum	Minimum	-	-	-
Bill Calculations		Ex. kVA Rate	kW Schedule	13 500 100 000	13 500 150 000	13 500 180 000	13 500 200 000	13 500 325 000
		Charges						
Customer Charge	\$/mo	22 91	D	\$22 91	\$22 91	\$22 91	\$22 91	\$22 91
Energy Charges	\$/kWh	0 0307759	G	3 077 59	4 616 39	5 539 66	6 155 18	10 002 17
	\$/kWh	0 0003512	D	35 12	52 68	63 22	70 24	114 14
Demand Charges	\$/kW	2 75	D	1 375 00	1 375 00	1 375 00	1 375 00	1 375 00
Exc. KVA Charges	\$/kVA	3 82	D	49 66	49 66	49 66	49 66	49 66
Subtotal			G	\$3 077 59	\$4 616 39	\$5 539 66	\$6 155 18	\$10 002 17
			D	\$1,482 89	\$1,500 25	\$1 510 79	\$1,517 81	\$1 561 71
			A	\$4 560 28	\$6,116 64	\$7,050 45	\$7,672 99	\$11,563 88
Universal Service Fund	\$/kWh	0 0025750	D	257 50	386 25	463 50	515 00	836 88
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 00465	D	9 30	9 30	9 30	9 30	9 30
(Next 13,000)	\$/kWh	0 00419	D	54 47	54 47	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0 00363	D	308 55	490 05	598 95	671 55	1125 30
Provider of Last Resort Charge	\$/kWh	0 0026988	D	269 88	404 82	485 78	539 76	877 11
Transmission Cost Recovery	\$/kWh	0 0021744	T	217 44	326 16	391 39	434 88	706 68
Transmission Cost Recovery	\$/kW	0 8300000	T	415 00	415 00	415 00	415 00	415 00
Fuel Adjustment Clause	\$/kWh	0 0300046	G	3000 46	4500 69	5400 83	6000 92	9751 50
EE&PDR Cost Recovery Rider	\$/kWh	0 0013441	D	134 41	201 62	241 94	268 82	436 83
EDR Cost Recover Rider	%	0 0753687		111 75	113 07	113 87	114 40	117 70
Environmental Rider	%	0 0446836	G	137 52	206 28	247 53	275 04	446 93
Enhanced Service Reliability Rider	%	5 89939%	D	87 47	88 51	89 13	89 54	92 13
Total Bill			G	\$6,215 57	\$9,323 36	\$11,188 02	\$12,431 14	\$20 200 60
			T	\$632 44	\$741 16	\$806 39	\$849 88	\$1 121 68
			D	\$2 716 02	\$3,248 34	\$3,567 73	\$3,780 65	\$5,111 43
			A	\$9,564 03	\$13 312 86	\$15,562 14	\$17 061 67	\$26,433 71
				Minimum	Minimum	Minimum	-	-

Ohio Power Company

		Ex. kVA		0	0	0	0	0	0
		Rate	kW	12	12	30	30	40	40
		Schedule	kWh	1 500	4 000	6 000	10 000	10 000	14 000
		Charges							
GENERAL SERVICE-3-Sec									
Bill Calculations									
Customer Charge	\$/mo	22 91 D		\$22 91	\$22 91	\$22 91	\$22 91	\$22 91	\$22 91
Energy Charges	\$/kWh	0.0013144 G		1 97	5 26	7 89	13 14	13 14	18 40
	\$/kWh	0.0003512 D		0 53	1 40	2 11	3 51	3 51	4 92
Demand Charges	\$/kW	9 28 G		111 36	111 36	278 40	278 40	371 20	371 20
	\$/kW	4 13 D		49 56	49 56	123 90	123 90	165 20	165 20
Exc. KVA Charges	\$/KVA	3 82 D		0 00	0 00	0 00	0 00	0 00	0 00
Subtotal			G	\$113 33	\$116 62	\$286 29	\$291 54	\$384 34	\$389 60
			D	\$73 00	\$73 87	\$148 92	\$150 32	\$191 62	\$193 03
			A	\$186 33	\$190 49	\$435 21	\$441 86	\$575 96	\$582 63
Universal Service Fund	\$/kWh	0.0025750 D		3 86	10 30	15 45	25 75	25 75	36 05
Advanced Energy Fund Rider	\$/mo.	0.0000000 D		0 00	0 00	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0.00485 D		6 98	9 30	9 30	9 30	9 30	9 30
(Next 13,000)	\$/kWh	0.00419 D		0 00	8 38	16 76	33 52	33 52	50 28
(Over 15,000)	\$/kWh	0.00363 D		0 00	0 00	0 00	0 00	0 00	0 00
Provider of Last Resort Charge	\$/kWh	0.0019382 D		2 91	7 75	11 63	19 38	19 38	27 13
Transmission Cost Recovery	\$/kWh	0.0019202 T		2 88	7 68	11 52	19 20	19 20	26 88
Transmission Cost Recovery	\$/kW	1 7300000 T		20 76	20 76	51 90	51 90	69 20	69 20
Fuel Adjustment Clause	\$/kWh	0.0282459 G		42 37	112 98	169 48	282 46	282 46	395 44
EE&PDR Cost Recovery Rider	\$/kWh	0.0013441 D		2 02	5 38	8 06	13 44	13 44	18 82
EDR Cost Recover Rider	%	0.0753687		5 50	5 57	11 22	11 33	14 44	14 55
Environmental Rider	%	0.0446836 G		5 06	5 21	12 79	13 03	17 17	17 41
Enhanced Service Reliability Rider	%	5.89939% D		4 31	4 36	8 79	8 87	11 30	11 39
Total Bill			G	\$160 76	\$234 81	\$468 56	\$587 03	\$683 97	\$802 45
			T	\$23 64	\$28 44	\$63 42	\$71 10	\$88 40	\$96 08
			D	\$98 58	\$124 91	\$230 13	\$271 91	\$318 75	\$360 55
			A	\$282 98	\$388 16	\$762 11	\$930 04	\$1 091 12	\$1,259 08

		Ex. kVA		0	0	0	0	0	0
		Rate	kW	50	50	75	75	75	75
		Schedule	kWh	12 500	18 000	15 000	30 000	50 000	
		Charges							
Bill Calculations									
Customer Charge	\$/mo	22 91 D		\$22 91	\$22 91	\$22 91	\$22 91	\$22 91	
Energy Charges	\$/kWh	0.0013144 G		16 43	23 66	19 72	39 43	65 72	
	\$/kWh	0.0003512 D		4 39	6 32	5 27	10 54	17 56	
Demand Charges	\$/kW	9 28 G		464 00	464 00	696 00	696 00	696 00	
	\$/kW	4 13 D		206 50	206 50	309 75	309 75	309 75	
Exc. KVA Charges	\$/KVA	3.82 D		0 00	0 00	0 00	0 00	0 00	
Subtotal			G	\$480 43	\$487 66	\$715 72	\$735 43	\$761 72	
			D	\$233 80	\$235 73	\$337 93	\$343 20	\$350 22	
			A	\$714 23	\$723 39	\$1,053 65	\$1 078 63	\$1,111 94	
Universal Service Fund	\$/kWh	0.0025750 D		32 19	46 35	38 63	77 25	128 75	
Advanced Energy Fund Rider	\$/mo.	0.0000000 D		0 00	0 00	0 00	0 00	0 00	
KWH Tax (First 2,000)	\$/kWh	0.00485 D		9 30	9 30	9 30	9 30	9 30	
(Next 13,000)	\$/kWh	0.00419 D		44 00	54 47	54 47	54 47	54 47	
(Over 15,000)	\$/kWh	0.00363 D		0 00	10 89	0 00	54 45	127 05	
Provider of Last Resort Charge	\$/kWh	0.0019382 D		24 23	34 89	29 07	58 15	96 91	
Transmission Cost Recovery	\$/kWh	0.0019202 T		24 00	34 56	28 80	57 61	96 01	
Transmission Cost Recovery	\$/kW	1 7300000 T		86 50	86 50	129 75	129 75	129 75	
Fuel Adjustment Clause	\$/kWh	0.0282459 G		353 07	508 43	423 66	847 38	1412 30	
EE&PDR Cost Recovery Rider	\$/kWh	0.0013441 D		16 80	24 19	20 16	40 32	67 21	
EDR Cost Recover Rider	%	0.0753687		17 62	17 77	25 47	25 87	26 40	
Environmental Rider	%	0.0446836 G		21 47	21 79	31 98	32 86	34 04	
Enhanced Service Reliability Rider	%	5.89939% D		13 79	13 91	19 94	20 25	20 66	
Total Bill			G	\$854 97	\$1,017 88	\$1,171 39	\$1,615 67	\$2,208 06	
			T	\$110 50	\$121 06	\$158 55	\$187 36	\$225 76	
			D	\$391 73	\$447 50	\$534 97	\$683 26	\$880 97	
			A	\$1,357 20	\$1 586 44	\$1,864 91	\$2 486 29	\$3 314 79	

Minimum Minimum

Ohio Power Company

GENERAL SERVICE-3-Sec
(Cont'd.)

Bill Calculations

		Ex. kVA Rate Schedule Charges	kW kWh	3 100 30 000	3 100 36 000	4 150 30 000	4 150 60 000	4 150 100 000
Customer Charge	\$/mo	22 91 D		\$22 91	\$22 91	\$22 91	\$22 91	\$22 91
Energy Charges	\$/kWh	0 0013144 G		39 43	47 32	39 43	78 86	131 44
	\$/kWh	0 0003512 D		10 54	12 64	10 54	21 07	35 12
Demand Charges	\$/kW	9 28 G		928 00	928 00	1 392 00	1 392 00	1 392 00
	\$/kW	4 13 D		413 00	413 00	619 50	619 50	619 50
Exc. KVA Charges	\$/kVA	3 82 D		11 46	11 46	15 28	15 28	15 28
Subtotal			G	\$967 43	\$975 32	\$1,431 43	\$1,470 86	\$1,523 44
			D	\$457 91	\$460 01	\$668 23	\$678 76	\$692 81
			A	\$1,425.34	\$1 435 33	\$2 099.66	\$2,149.62	\$2,216.25
Universal Service Fund	\$/kWh	0 0025750 D		77 25	92 70	77 25	154 50	257 50
Advanced Energy Fund Rider	\$/mo.	0 0000000 D		0 00	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 00465 D		9 30	9 30	9 30	9 30	9 30
(Next 13,000)	\$/kWh	0 00419 D		54 47	54 47	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0 00363 D		54 45	76 23	54 45	163 35	308 55
Provider of Last Resort Charge	\$/kWh	0 0019382 D		58 15	69 78	58 15	116 29	193 82
Transmission Cost Recovery	\$/kWh	0 0019202 T		57 61	69 13	57 61	115 21	192 02
Transmission Cost Recovery	\$/kW	1 7300000 T		173 00	173 00	259 50	259 50	259 50
Fuel Adjustment Clause	\$/kWh	0 0282459 G		847 38	1016 85	847 38	1694 75	2824 59
EE&PDR Cost Recovery Rider	\$/kWh	0 0013441 D		40 32	48 39	40 32	80 65	134 41
EDR Cost Recover Rider	%	0 0753687		34 51	34 67	50 36	51 16	52 22
Environmental Rider	%	0 0446836 G		43 23	43 58	63 96	65 72	68 07
Enhanced Service Reliability Rider	%	5 89939% D		27 01	27 14	39 42	40 04	40 87
Total Bill			G	\$1,858 04	\$2,035 75	\$2,342 77	\$3,231 33	\$4,416 10
			T	\$230 61	\$242 13	\$317 11	\$374 71	\$451 52
			D	\$813.37	\$872.69	\$1,051.95	\$1,348 52	\$1 743.95
			A	\$2 902.02	\$3 150 57	\$3,711.83	\$4,954.56	\$6 611 57

Minimum Minimum

		Ex. kVA Rate Schedule Charges	kW kWh	8 300 60 000	8 300 90 000	8 300 120 000	8 300 150 000	8 300 200 000
Customer Charge	\$/mo.	22 91 D		\$22 91	\$22 91	\$22 91	\$22 91	\$22 91
Energy Charges	\$/kWh	0 0013144 G		78 86	118 30	157 73	197 16	262 88
	\$/kWh	0 0003512 D		21 07	31 61	42 14	52 68	70 24
Demand Charges	\$/kW	9 28 G		2 784 00	2 784 00	2 784 00	2 784 00	2 784 00
	\$/kW	4 13 D		1 239 00	1 239 00	1 239 00	1 239 00	1 239 00
Exc. KVA Charges	\$/kVA	3 82 D		30 56	30 56	30 56	30 56	30 56
Subtotal			G	\$2 862 86	\$2 902 30	\$2 941 73	\$2 981 16	\$3 046 88
			D	\$1,313 54	\$1,324 08	\$1,334 61	\$1,345 15	\$1,362 71
			A	\$4 176 40	\$4 226 38	\$4,276.34	\$4,326 31	\$4,409 59
Universal Service Fund	\$/kWh	0 0025750 D		154 50	231 75	309 00	386 25	515 00
Advanced Energy Fund Rider	\$/mo.	0 0000000 D		0 00	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 00465 D		9 30	9 30	9 30	9 30	9 30
(Next 13,000)	\$/kWh	0 00419 D		54 47	54 47	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0 00363 D		163 35	272 25	381 15	490 05	671 55
Provider of Last Resort Charge	\$/kWh	0 0019382 D		116 29	174 44	232 58	290 73	387 64
Transmission Cost Recovery	\$/kWh	0 0019202 T		115 21	172 82	230 42	288 03	384 04
Transmission Cost Recovery	\$/kW	1 7300000 T		519 00	519 00	519 00	519 00	519 00
Fuel Adjustment Clause	\$/kWh	0 0282459 G		1694 75	2542 13	3389 51	4236 89	5649 18
EE&PDR Cost Recovery Rider	\$/kWh	0 0013441 D		80 65	120 97	161 29	201 62	268 82
EDR Cost Recover Rider	%	0 0753687		99 00	99 79	100 59	101 38	102 71
Environmental Rider	%	0 0446836 G		127 92	129 69	131 45	133 21	136 15
Enhanced Service Reliability Rider	%	5 89939% D		77 49	78 11	78 73	79 36	80 39
Total Bill			G	\$4,685 53	\$5,574 12	\$6,462 69	\$7,351 26	\$8,832 21
			T	\$634 21	\$691 82	\$749 42	\$807 03	\$903 04
			D	\$2 068 59	\$2 365 16	\$2 661 72	\$2 958 31	\$3 452 59
			A	\$7 388 33	\$8 631 10	\$9,873.83	\$11,116.60	\$13,187 84
						Minimum	Minimum	Minimum

GENERAL SERVICE-3-Sec
(Cont'd)

13	13	13	13	13
500	500	500	500	500
100 000	150 000	180 000	200 000	325 000

Customer Charge	\$/mo	22 91 D	\$22 91	\$22 91	\$22 91	\$22 91	\$22 91
Energy Charges	\$/kWh	0 0013144 G	131 44	197 16	236 59	262 88	427 18
	\$/kWh	0 0003512 D	35 12	52 68	63 22	70 24	114 14
Demand Charges	\$/kW	9 28 G	4 640 00	4 640 00	4 640 00	4 640 00	4 640 00
	\$/kW	4 13 D	2 065 00	2 065 00	2 065 00	2 065 00	2 065 00
Exc. KVA Charges	\$/kVA	3 82 D	49.66	49.66	49.66	49.66	49.66
Subtotal		G	\$4 771.44	\$4 837.16	\$4 876.59	\$4 902.88	\$5 067.18
		D	\$2,172.69	\$2,190.25	\$2,200.79	\$2,207.81	\$2,251.71
		A	\$6 944.13	\$7,027.41	\$7,077.38	\$7 110.69	\$7,318.89
Universal Service Fund	\$/kWh	0 0025750 D	257 50	386.25	463 50	515 00	836 88
Advanced Energy Fund Rider	\$/mo.	0 0000000 D	0 00	0 00	0 00	0 00	0 00
KWH Tax (First 2 000)	\$/kWh	0 00465 D	9 30	9 30	9 30	9 30	9 30
(Next 13 000)	\$/kWh	0 00419 D	54 47	54 47	54 47	54 47	54 47
(Over 15 000)	\$/kWh	0.00363 D	308 55	490 05	598 95	671 55	1125 30
Provider of Last Resort Charge	\$/kWh	0 0019382 D	193 82	290 73	348 88	387 64	629 92
Transmission Cost Recovery	\$/kWh	0 0019202 T	192 02	288 03	345 64	384 04	624 07
Transmission Cost Recovery	\$/kW	1 7300000 T	865 00	865 00	865 00	865 00	865 00
Fuel Adjustment Clause	\$/kWh	0 0282459 G	2824 59	4236 89	5084 26	5649 18	9179 92
EE&PDR Cost Recovery Rider	\$/kWh	0 0013441 D	134 41	201 62	241 94	268 82	436 83
EDR Cost Recover Rider	%	0 0753687	163 75	165 08	165 87	166 40	169 71
Environmental Rider	%	0 0446836 G	213 21	216 14	217 90	219 08	226 42
Enhanced Service Reliability Rider	%	5 89939% D	128.18	129.21	129.83	130.25	132.84
Total Bill		G	\$7 809.24	\$9 290.19	\$10 178.75	\$10 771.14	\$14 473.52
		T	\$1 057.02	\$1 153.03	\$1 210.64	\$1 249.04	\$1 489.07
		D	\$3,422.67	\$3 916.96	\$4,213.53	\$4,411.24	\$5 646.96
		A	\$12,288.93	\$14,360.18	\$15 602.92	\$16 431.42	\$21,609.55

Minimum Minimum

Ohio Power Company

		Ex. kVA		26	26	26	26	26
		Rate	kW	1 000	1 000	1 000	1 000	1 000
		Schedule	kWh	200 000	300 000	360 000	400 000	650 000
		Charges						
Bill Calculations								
Customer Charge	\$/mo	95 47 D		\$95 47	\$95 47	\$95 47	\$95 47	\$95 47
Energy Charges	\$/kWh	0 0303627 G		6 072 54	9 108 81	10 930 57	12 145 08	19 735 76
		0 0003512 D		70 24	105 36	126 43	140 48	228 28
Demand Charges	\$/kW	1 98 D		1 980 00	1 980 00	1 980 00	1 980 00	1 980 00
Exc. KVA Charges	\$/kVA	3 82 D		99 32	99 32	99 32	99 32	99 32
Subtotal			G	\$6 072 54	\$9 108 81	\$10 930 57	\$12 145 08	\$19 735 76
			D	\$2 245 03	\$2 280 15	\$2 301 22	\$2 315 27	\$2 403 07
			A	\$8,317.57	\$11 388 96	\$13,231.79	\$14 460 35	\$22,138.83
Universal Service Fund	\$/kWh	0 0025750 D		515 00	772 50	927 00	1 030 00	1 673 75
Advanced Energy Fund Rider	\$/mo.	0 0000000 D		0 00	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 00465 D		9 30	9 30	9 30	9 30	9 30
(Next 13,000)	\$/kWh	0 00419 D		54 47	54 47	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0 00363 D		671 55	1 034 55	1 252 35	1 397 55	2 305 05
Provider of Last Resort Charge	\$/kWh	0 0026988 D		539 76	809 64	971 57	1 079 52	1 754 22
Transmission Cost Recovery	\$/kWh	0 0020984 T		419 28	628 92	754 70	838 56	1 362 56
Transmission Cost Recovery	\$/kW	0 8000000 T		800 00	800 00	800 00	800 00	800 00
Fuel Adjustment Clause	\$/kWh	0 0289296 G		5 785 92	8 678 88	10 414 66	11 571 84	18 804 24
EE&PDR Cost Recovery Rider	\$/kWh	0 0013441 D		268 82	403 23	483 88	537 64	873 67
EDR Cost Recover Rider	%	0 0753687		169 20	171 85	173 44	174 50	181 12
Environmental Rider	%	0 0446836 G		271 34	407 01	488 42	542 69	881 86
Enhanced Service Reliability Rider	%	5 89939% D		132 44	134 51	135 76	136 59	141 77
Total Bill			G	\$12 129 80	\$18 194 70	\$21 833 65	\$24 259 61	\$39 421 86
			T	\$1 219 28	\$1 428 92	\$1 554 70	\$1 638 58	\$2 162 66
			D	\$4 605 57	\$5 670 20	\$6 308 99	\$6 734 84	\$9 396 42
			A	\$17,954.65	\$25 293 82	\$29 697 34	\$32 633 01	\$50,980.94
				Minimum	Minimum	Minimum	-	-
GENERAL SERVICE-3-Pri								
		Ex. kVA		26	26	26	26	26
		Rate	kW	1 000	1 000	1 000	1 000	1 000
		Schedule	kWh	200 000	300 000	360 000	400 000	650 000
		Charges						
Bill Calculations								
Customer Charge	\$/mo	95 47 D		\$95 47	\$95 47	\$95 47	\$95 47	\$95 47
Energy Charges	\$/kWh	0 0019129 G		382 58	573 87	688 64	765 16	1 243 39
		0 0003512 D		70 24	105 36	126 43	140 48	228 28
Demand Charges	\$/kW	8 97 G		8 970 00	8 970 00	8 970 00	8 970 00	8 970 00
	\$/kW	3 31 D		3 310 00	3 310 00	3 310 00	3 310 00	3 310 00
Exc. KVA Charges	\$/kVA	3 82 D		99 32	99 32	99 32	99 32	99 32
Subtotal			G	\$9 352 58	\$9 543 87	\$9 658 64	\$9 735 16	\$10 213 39
			D	\$3 575 03	\$3 610 15	\$3 631 22	\$3 645 27	\$3 733 07
			A	\$12 927 61	\$13 154 02	\$13 289 86	\$13 380 43	\$13 946 46
Universal Service Fund	\$/kWh	0 0025750 D		515 00	772 50	927 00	1 030 00	1 673 75
Advanced Energy Fund Rider	\$/mo.	0 0000000 D		0 00	0 00	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 00465 D		9 30	9 30	9 30	9 30	9 30
(Next 13,000)	\$/kWh	0 00419 D		54 47	54 47	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0 00363 D		671 55	1 034 55	1 252 35	1 397 55	2 305 05
Provider of Last Resort Charge	\$/kWh	0 0019382 D		387 64	581 46	687 75	775 28	1 259 83
Transmission Cost Recovery	\$/kWh	0 0018514 T		370 28	555 42	668 50	740 56	1 203 41
Transmission Cost Recovery	\$/kW	1 6700000 T		1670 00	1670 00	1670 00	1670 00	1670 00
Fuel Adjustment Clause	\$/kWh	0 0272339 G		5446 78	8170 17	9804 20	10893 56	17702 04
EE&PDR Cost Recovery Rider	\$/kWh	0 0013441 D		268 82	403 23	483 88	537 64	873 67
EDR Cost Recover Rider	%	0 0753687		289 45	272 09	273 88	274 74	281 36
Environmental Rider	%	0 0446836 G		417 91	426 45	431 58	435 00	456 37
Enhanced Service Reliability Rider	%	5 89939% D		210 90	212 98	214 22	215 05	220 23
Total Bill			G	\$15 217 27	\$18 140 49	\$19 894 42	\$21 063 72	\$28 371 80
			T	\$2 040 28	\$2 225 42	\$2 336 50	\$2 410 56	\$2 873 41
			D	\$5,982.16	\$6,950 73	\$7 543 87	\$7 939 30	\$10,410.73
			A	\$23 219 71	\$27,316 64	\$29 774 79	\$31,413 58	\$41 655.94
				-	-	-	Minimum	Minimum

Ohio Power Company

GENERAL SERVICE-2-Sub

		Ex. kVA		132	132	132
		Rate	kW	5 000	5 000	5 000
		Schedule	kWh	1 500 000	2 500 000	3 250 000
Charges						
Customer Charge	\$/mo	272 09	D	\$272.09	\$272.09	\$272.09
Energy Charges	\$/kWh	0 0300940	G	45 141 00	75 235 00	97 805 50
	\$/kWh	0 0003512	D	528 80	878 00	1 141 40
Demand Charges	\$/kW	0	T	0 00	0 00	0 00
	\$/kW	1 80	D	8 000 00	8 000 00	8 000 00
Exc. KVA Charges	\$/kVA	3 82	D	504.24	504.24	504.24
Subtotal			G	\$45 141 00	\$75 235 00	\$97 805 50
			D	\$9,303.13	\$9 654.33	\$9,917.73
			A	\$54 444.13	\$84 889.33	\$107,723.23
Univ. Serv. Fund < 833 000 KWH	\$/kWh	0 0025750	D	2144 98	2144 98	2144 98
Univ. Serv. Fund > 833 000 KWH	\$/kWh	0 0001681	D	112 12	280 22	406 30
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 00465	D	9 30	9 30	9 30
(Next 13,000)	\$/kWh	0 00419	D	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0 00363	D	5390 55	9020 55	11743 05
Provider of Last Resort Charge	\$/kWh	0 0026988	D	4048 20	6747 00	8771 10
Transmission Cost Recovery	\$/kWh	0 0020460	T	3069 00	5115 00	6649 50
Transmission Cost Recovery	\$/kW	0 7800000	T	3900 00	3900 00	3900 00
Fuel Adjustment Clause	\$/kWh	0 0282345	G	42351 75	70588 25	91762 13
EE&PDR Cost Recovery Rider	\$/kWh	0 0013441	D	2016 15	3360 25	4368 33
EDR Cost Recover Rider	%	0 0753687		701 16	727 63	747 49
Environmental Rider	%	0 0446836	G	2017 06	3361 77	4370 30
Enhanced Service Reliability Rider	%	5 89939%	D	548.83	569.55	585.09
Total Bill			G	\$89 509 81	\$149 183 02	\$193 937 93
			T	\$6 969 00	\$9 015 00	\$10 549 50
			D	\$24,328.89	\$32,568.28	\$38,747.84
			A	\$120,807 70	\$190 766.30	\$243 235 27

Minimum

GENERAL SERVICE-3-Sub

		Ex. kVA		132	132	132
		Rate	kW	5 000	5 000	5 000
		Schedule	kWh	1 500 000	2 500 000	3 250 000
Charges						
Customer Charge	\$/mo.	272 09	D	\$272.09	\$272.09	\$272.09
Energy Charges	\$/kWh	0 0022566	G	3 384 90	5 641 50	7 333 95
		0 0003512	D	528 80	878 00	1 141 40
Demand Charges	\$/kW	8 72	G	43 600 00	43 600 00	43 600 00
	\$/kW	0 00	T	0 00	0 00	0 00
	\$/kW	2 93	D	14 650 00	14 650 00	14 650 00
Exc. KVA Charges	\$/kVA	3 82	D	504.24	504.24	504.24
Subtotal			G	46 984 90	49 241 50	50 933 95
			D	\$15,853.13	\$16 304.33	\$16,567.73
			A	\$62 938 03	\$65,545.83	\$67 501.68
Univ. Serv. Fund < 833 000 KWH	\$/kWh	0 0025750	D	2 144 98	2 144 98	2 144 98
Univ. Serv. Fund > 833 000 KWH	\$/kWh	0 0001681	D	112 12	280 22	406 30
Advanced Energy Fund Rider	\$/mo.	0 0000000	D	0 00	0 00	0 00
KWH Tax (First 2,000)	\$/kWh	0 00465	D	9 30	9 30	9 30
(Next 13,000)	\$/kWh	0 00419	D	54 47	54 47	54 47
(Over 15,000)	\$/kWh	0 00363	D	5 390 55	9 020 55	11 743 05
Provider of Last Resort Charge	\$/kWh	0 0019382	D	2 907 30	4 845 50	6 299 15
Transmission Cost Recovery	\$/kWh	0 0018068	T	2 710 20	4 517 00	5 872 10
Transmission Cost Recovery	\$/kW	1 6300000	T	8 150 00	8 150 00	8 150 00
Fuel Adjustment Clause	\$/kWh	0 0265795	G	39 869 25	66 448 75	86 383 38
EE&PDR Cost Recovery Rider	\$/kWh	0 0013441	D	2 016 15	3 360 25	4 368 33
EDR Cost Recover Rider	%	0 0753687		1 202 37	1 228 84	1 248 69
Environmental Rider	%	0 0446836	G	2 099 45	2 200 29	2 275 91
Enhanced Service Reliability Rider	%	5 89939%	D	941 14	961.86	977.40
Total Bill			G	\$88 953 60	\$117 890 54	\$139 593 24
			T	\$10 860 20	\$12 667 00	\$14 022 10
			D	\$30,731.51	\$38 210.30	\$43,819.40
			A	\$130 545 31	\$168 767 84	\$197 434.74

Minimum Minimum

Ohio Power Company

GENERAL SERVICE-4-Sub

		Ex. kVAR Rate Schedule Charges	kW kWh	1 197 10 000 3 000 000	1 197 10 000 5 000 000	1 197 10 000 6 500 000	2 395 20 000 8 000 000	2 395 20 000 10 000 000	2 395 20 000 13 000 000
<u>Bill Calculations</u>									
Customer Charge	\$/mo	429.62	D	\$429.62	\$429.62	\$429.62	\$429.62	\$429.62	\$429.62
Energy Charges	\$/kWh	0.0005159	G	1 547.70	2 579.50	3 353.35	3 095.40	5 159.00	6 706.70
	\$/kWh	0.0003512	D	1 053.60	1 756.00	2 282.80	2 107.20	3 512.00	4 565.60
Demand Charges	\$/kW	9.55	G	95 500.00	95 500.00	95 500.00	191 000.00	191 000.00	191 000.00
	\$/kW	1.15	D	11 500.00	11 500.00	11 500.00	23 000.00	23 000.00	23 000.00
Reactive Charges	\$/kVAR	0.48	D	574.56	574.56	574.56	1,149.60	1,149.60	1,149.60
Subtotal			G	\$97 047.70	\$98 079.50	\$98 853.35	\$194 095.40	\$196 159.00	\$197 706.70
			D	\$13,557.78	\$14,260.18	\$14 786.98	\$26,886.42	\$28,091.22	\$29,144.82
			A	\$110 605.48	\$112,339.68	\$113,640.33	\$220 981.82	\$224 250.22	\$226,851.52
Univ. Serv. Fund < 833,000 KWH	\$/kWh	0.0025750	D	2144.98	2144.98	2144.98	2144.98	2144.98	2144.98
Univ. Serv. Fund > 833,000 KWH	\$/kWh	0.001681	D	364.27	700.47	952.62	868.57	1540.97	2045.27
Advanced Energy Fund Rider	\$/mo.	0.0000000	D	0.00	0.00	0.00	0.00	0.00	0.00
KWH Tax (First 2,000)	\$/kWh	0.00465	D	9.30	9.30	9.30	9.30	9.30	9.30
(Next 13,000)	\$/kWh	0.00419	D	54.47	54.47	54.47	54.47	54.47	54.47
(Over 15,000)	\$/kWh	0.00363	D	10835.55	18095.55	23540.55	21725.55	36245.55	47135.55
Provider of Last Resort Charge	\$/kWh	0.0015828	D	4748.40	7914.00	10288.20	9496.80	15828.00	20576.40
Transmission Cost Recovery	\$/kWh	0.0017995	T	5398.50	8997.50	11696.75	10797.00	17995.00	23393.50
Fuel Adjustment Clause	\$/kWh	1.9300000	T	19300.00	19300.00	19300.00	38600.00	38600.00	38600.00
EE&PDR Cost Recovery Rider	\$/kWh	0.0237622	G	71286.60	118811.00	154454.30	142573.20	237622.00	308908.60
EDR Cost Recover Rider	%	0.0000573	D	171.90	286.50	372.45	343.80	573.00	744.90
Environmental Rider	%	0.0753687		1021.83	1074.77	1114.48	2011.32	2117.20	2196.61
Enhanced Service Reliability Rider	%	0.0446836	G	4336.44	4382.55	4417.12	8672.98	8765.09	8834.25
	%	5.89939%	D	799.83	841.26	872.34	1574.34	1657.21	1719.37
Total Bill			G	\$172 670.74	\$221 273.05	\$257 724.77	\$345 341.48	\$442 546.09	\$515 449.55
			T	\$24 698.50	\$28 297.50	\$30 996.75	\$49 397.00	\$56 595.00	\$61 993.50
			D	\$33 708.31	\$45 381.48	\$54 136.37	\$84 915.55	\$98 261.90	\$105 771.67
			A	\$231,077.55	\$294,952.03	\$342,857.89	\$459,654.03	\$587,402.99	\$683,214.72
				Minimum	Minimum	Minimum	Minimum	Minimum	Minimum

GENERAL SERVICE-4-Tran

		Ex. kVAR Rate Schedule Charges	kW kWh	5 987 50 000 15 000 000	5 987 50 000 25 000 000	5 987 50 000 32 500 000
<u>Bill Calculations</u>						
Customer Charge	\$/mo	534.63	D	\$534.63	\$534.63	\$534.63
Energy Charges	\$/kWh	0.0004747	G	7 120.50	11 867.50	15 427.75
	\$/kWh	0.0003512	D	5 268.00	8 780.00	11 414.00
Demand Charges	\$/kW	9.38	G	469 000.00	469 000.00	469 000.00
	\$/kW	0.43	D	21 500.00	21 500.00	21 500.00
Reactive Charges	\$/kVAR	0.48	D	2,873.76	2,873.76	2,873.76
Subtotal			G	\$476 120.50	\$480 867.50	\$484 427.75
			D	\$30 176.39	\$33 688.39	\$36 322.39
			A	\$506 296.89	\$514 555.89	\$520 750.14
Univ. Serv. Fund < 833,000 KWH	\$/kWh	0.0025750	D	2144.98	2144.98	2144.98
Univ. Serv. Fund > 833,000 KWH	\$/kWh	0.001681	D	2381.47	4062.47	5323.22
Advanced Energy Fund Rider	\$/mo.	0.0000000	D	0.00	0.00	0.00
KWH Tax (First 2,000)	\$/kWh	0.00465	D	9.30	9.30	9.30
(Next 13,000)	\$/kWh	0.00419	D	54.47	54.47	54.47
(Over 15,000)	\$/kWh	0.00363	D	54395.55	90695.55	117920.55
Provider of Last Resort Charge	\$/kWh	0.0015828	D	23742.00	39570.00	51441.00
Transmission Cost Recovery	\$/kWh	0.0017995	T	26992.50	44987.50	58483.75
Fuel Adjustment Clause	\$/kWh	1.9300000	T	96500.00	96500.00	96500.00
EE&PDR Cost Recovery Rider	\$/kWh	0.0237622	G	356433.00	594055.00	772271.50
EDR Cost Recover Rider	%	0.0000573	D	859.50	1432.50	1862.25
Environmental Rider	%	0.0753687		2274.36	2539.05	2737.57
Enhanced Service Reliability Rider	%	0.0446836	G	21274.78	21486.89	21645.98
	%	5.89939%	D	1780.22	1987.41	2142.80
Total Bill			G	\$853 828.28	\$1,096 409.39	\$1,278 345.23
			T	\$123 492.50	\$141 487.50	\$154 983.75
			D	\$117,818.24	\$176 184.12	\$219 958.53
			A	\$1,095,139.02	\$1,414,081.01	\$1,653,287.51
				Minimum	Minimum	Minimum

*Reactive charges billed for kVAR in excess of one-half of monthly metered kW

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in

Case No(s). 11-2768-EL-RDR

Summary: Application Application of CSP electronically filed by Mr. Matthew J Satterwhite on behalf of American Electric Power Service Corporation