SUIT, McCARTNEY, PRICE, PRICE & RUARK

Attorneys at Law

Marvin W. Suit

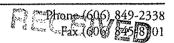
Frank H. McCartney

Patrick E. Price

John C. Price

Darrell K. Ruark

207 Court Square Flemingsburg, KY 41041



MAR 2 1 2007

PUBLIC SERVICE COMMISSION

March 21, 2007

HAND DELIVERED

Ms. Elizabeth O'Donnell Executive Director Public Service Commission 211 Sower Boulevard Frankfort, KY 40602

Re: PSC Case No. 2006-00479

Marien W. Suit h

Dear Ms. O'Donnell:

Please find enclosed for filing with the Public Service Commission in the above-referenced case an original and five (5) copies of the Responses of Fleming-Mason Energy Cooperative, Inc., to the Commission Staff's First Data Requests dated March 12, 2007.

Very truly yours,

Marvin W. Suit

Counsel for Fleming-Mason Energy Cooperative, Inc.

Enclosures

COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF FLEMING-MASON ENERGY)	
COOPERATIVE TO PASS-THROUGH AN)	CASE NO.
INCREASE OF ITS WHOLESALE POWER)	2006-00479
SUPPLIER PURSUANT TO KRS 278.455(2))	

RESPONSES TO COMMISSION STAFF'S FIRST DATA REQUEST TO FLEMING-MASON ENERGY COOPERATIVE DATED MARCH 12, 2007

FLEMING-MASON ENERGY COOPERATIVE

PSC CASE NO. 2006-00479

COMMISSION STAFF'S FIRST DATA REQUEST DATED 3/12/07

Fleming-Mason Energy Cooperative ("Fleming-Mason") hereby submits responses to the Commission Staff's First Data Request dated March 12, 2007. Each response with its associated supportive reference materials is individually tabbed.



FLEMING-MASON ENERGY COOPERATIVE PSC CASE NO. 2006-00479 FIRST DATA REQUEST RESPONSE

COMMISSION STAFF'S FIRST DATA REQUEST DATED 3/12/07

REQUEST 1

RESPONSIBLE PERSON:

William A. Bosta

COMPANY:

Fleming-Mason Energy Cooperative

Request 1.

Refer to the Application, Exhibits II and III.

Request 1a. Provide all workpapers, calculations, assumptions, and other documentation used to determine the proposed rates and the billing analysis.

Response 1a. Attached is information from EKPC's Exhibit I, Pages 3-5, which shows the present and proposed rates and revenues by wholesale customer class for service to Fleming-Mason.

As indicated in Mr. Bosta's testimony, the demand charges for retail industrial rates mirror EKPC's proposed rates for Schedules B and C, as applicable.

The increase applicable to all other classes was based on taking the total increase to the member system, subtracting the retail industrial class increase and then dividing that amount by the kWh for all other classes. This resulted in a per unit (cents/kWh) energy cost increase that was applied to all other classes. The only exception is Electric Thermal Storage (ETS) Rate Schedule 1-A, Rate E18, which was designed based on a charge of 60 percent of the energy rate of the related rate class.

See the response to Request 1b for the calculations to determine the proposed rates.

Request 1b. Provide in electronic format the Excel spreadsheets used to determine the proposed rates and billing analysis, with all formulas intact.

Response 1b. Based on discussion with the Commission Staff on March 19, 2007, attached are two (2) copies of the requested information on CD-ROM.

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	Transaction (Revenue 18,527,193 18,546,223 17,897,075 17,897,075 18,702,374 18,702,350 18,702,824 18,702,824 18,702,824 18,702,824 11,684,634 22,133,177 11,646,175 314,488 11,648,175 314,488 11,648,175 22,133,177 11,648,175 314,488	392,164,092	82,014 27,539 272,689	362,819		Fotal 1,624,413 1,524,413 1,137,868 1,137,868 1,138,525 6,129,124	4,415,198	1,808,138	1,900,905	0 0 8,307,482	26,620,634	760,844,1	3,420,921
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Billing Units - Base Rate Revenue		BILL-KWH 910,508,129 430,508,129 430,508,139 441,570,808 441,570,8	9,170,197,674	KVNK-2 1,181,305 4,818,596 4,818,596			BILL-KWH 44,566,683 5,705,834 30,048,508 28,546,395 170,284,930	119,181,435	49,962,903	49,502,574	232,092,348	729,894,618	89591769 26551768 38177KWH	105,191,965
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шţ		KWH-2 440,518,577 2001,100,466 199,290,304 443,622,586 139,307,277 223,038,896 273,038,896 273,073,139 273,073,139 273,77,189 273,073,994 472,592,590 124,373,132	4,487,656,391	CMTR-KW 0 0 0 120	120		CNTR-KW 72,800 9,420 6,500 51,500 239,723	192,700	81,800	64,200	344,900	1,103,543	CNTR-KW 68000 8800	72,600
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			Revenue Adjustment	744,895 60,420 731,688 69,023 1,623,001 161,926					0 604,486 55,049	2		Present Total Revenue	Revenue Adjustment 7,391,355 498,379			1,473,884 98,305 3,485,837 241,478 4,585,800 345,783		,		30,870,772 2,971,785	30,870,772 2,971,785			4,081,085 0 5,602,592 0	9,663,647
		ļ	Revenue	805,315 800,711 1,784,926	2,517,318	117,223	0 7,295,238 3,494,417		659,535	17,474,683		Total	Revenue 7.889,734			Total Revenue 1,572,169 3,733,414 5,305,553				Total Revenue 33,842,557	33,842,557			Total Revenue. 4,061,065 5,602,582	9,663,647
		T. Care	Revenue	573,493 535,880 1,163,643	1,731,325	73,483	4,852,261 2,290,437		448,322	11,758,844		Energy	Sevenue 5,635,627			Energy Revenue 1,127,545 2,614,104 3,741,849				Energy-OFF Revenue 17,617,063	17,817,063			·	8,857,116
		Demand	Revenue	231,822 264,831 621,283	785,993	43,740	2,342,977 1,203,980		211,213	5,705,838		Demand	2,254,107			Demand Revenue 444,834 1,119,310 1,553,534				Demand Energy-ON Revenue Revenue 7,385,687 8,838,806	7,385,697 8,839,808			Demand Energy-ON Revenue Revenue 281,531 525,000	806,531
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			mi	20,987,840 19,611,349 42,585,301	63,380,482		181,235,537 83,822,026		16,407,017	430,698,767			BILL-KW 325,738			64,252 64,252 161,750 226,002				BILL-KW 1,942,343	180,000 1,440,000 322,343	1,942,343		BILL-KW Sum of FAC\$ 150875 0 3405000 0 460875	
			BILL-KW	31,800 36,328 85,224	107,818	6,600	321,396 165,155		28,973	782,694			R_GROUP C			R GROUP				KWN-2 504 714,688,148	Firm 10 mln interr 50 mln interr			KWN+2 1734 36421668 542 47739328 276 64160396	155726272
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EXHIBIT I Page 5 of 7

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	8,554,181		Present	Revenue	ete ete	439 594	447,336	989,188	413,076	426,336	355,380	613,860	689,112	474,120	1, 197, 228	325,248	517,548	288,296	0	410,676	1, 162, 992	10,219,764	126 ACA	7,500	
Total Revenue	#00 Troots		Total LC	Kevenne	888.692	439,596	447,336	991,688	413,078	426,336	255,250	613,850	781,400	77.475	1.197.228	325,248	2X,710	268,296	7	10.070	1,162,992	10,219,764	426.000	7,500	554,033,251
Dam																							Metering	5 Metering Point only	140,461,551 186,836,874 216,081,567
			Revende		886,592	459,595	554 655	413.078	428,336	955,980	613,860	699,112	474,120	1,197,228	325,248	517,548	268,298	9	410,676	1,162,992		10,219,764	426,000	Code of	10,653,264
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27205 64463 38014 \$ Mbtu 85894 \$ Mbtu	ad Center - Normalized	Meter ≠ 125	LC= 944	\$	1 23						7.								ţ		9	•			

	Rate Adj	3,716,181	1,707,457	3,855,565	1,919,854	7,188,493	2,675,012	3,559,111	4,457,060	1,971,896	1,010,067	30,005	4.437.394	43,364,220
	Present	42,526,334	20,221,967	42,364,688	21,777,590	78,952,694	31,936,390	47,484,260	12,034,882	22,673,225	11,716,472	314,498	52,390,640	510,669,030
	Proposed	46,242,515	21,945,509	20,459,344	23,697,444	21,325,317	34,611,402	51,043,371	13,071,998	24,645,121	12,728,538	12.907.809	56,823,033	554,033,251
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	Metering Only			1500		3000	000	1500						7.500
	Metering	39,000	18,000	18,500	18,000	30,000	27,000	49,500	15,000	22,500	000,2	19,500	46,500	426,000.
	Load Center	988,692 439,596	447,336	413,076	426,336	613,860	474.122	1,197,228	325,248	247,548 200,940	0	410,676	1,162,992	10,219,754
	AGC					500	5,500,550							5,305,583
	1GP	4,061,065					5,602,582							9,563,547
	Gallatin				33,842,557									33,842,557
	friand Steam						9,332,384							9,332,384
	inland Container Inland Steam						7,869,734							7,889,734
System		805,315	1,784,926	2,517,318	0	9	7,295,238	7.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4		O t	0 10	0		17,474,683
by Member :	3,346,394	232,807	1,191,002	C C C C C C C C C C C C C C C C C C C	6,953,856	1,961,558	0	0.07707	0	0	o c	8,988,679		32,617,902
Grand Total Revenue by Member System	41,970,429	20,177,360 19,437,170	42,012,158 13,398 969	20,735,790	20.561.235	26,628,149	20,429,813	12,731,750	24,105,073	72,446,242	11.813.118	48,624,862		427,253,488
Grand T	4005 12 12 12	35	ი გ	*	£ \$	55	% &	36	ts t	8 8	2 5	\$		

	Total	Total	\$ Increase	% Increase
Residential	23,349,462	24,502,958	1,153,496	4.94%
Farm and Home Marketing Rate (ETS)	78,513	84,240	5,727	7.29%
Small General Service	1,311,885	1,376,789	64,904	4.95%
Large General Service	3,895,997	4,112,174	216,177	5.55%
Large General Service	3,050,766	3,252,513	201,747	6.61%
All Electric Schools	169,506	179,120	9,614	5.67%
Tennessee Gas	6,035,198	6,035,198	-	0.00%
Guardian Industries	2,949,659	3,177,659	228,000	7.73%
Dravo	6,590,930	6,973,582	382,652	5.81%
Inland Container	11,200,266	11,698,645	498,379	4.45%
Inland Steam	11,590,474	12,368,695	778,221	6.71%
Street Lighting and Security Lights	627,216	647,405	20,190	3.22%
	70,849,870	74,408,978	3,559,108	5.02%

Demand= Load Cntr=

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Schedule 1 Residential Rate 1

		Existing			Proposed		\$ Increase	% increase	Increa Dema	Increase Energy	Increase Cust	
	Billing Determinants	Current Rate	Annualized Revenues	Billing Determinants	Rafe	Annualized Revenues						
Customer Charge	255,563	\$6.26	\$1,599,824	255,563	\$6.26	\$1,699,824	\$0 \$0	0.00%				\$0
Energy charge per kWh Green Power Total from base rates	287,961,077	\$0.06096	17,554,107 336 19,154,268	287,961,077	\$0,06497	18,707,604 336 20,307,764	\$1,153,496 \$0 \$1,153,496 \$0	6.57% 0.00% 6.02%		\$1,153,496		
Fuel adjustment Environmental surcharge			2,403,734 1,791,460			2,403,734 1,791,460	\$0 \$0	0.00% 0.00%				
Total revenues		:	\$23,349,462			\$24,502,958	\$1,153,496	4.94%				
Average Bill			\$91,36			\$95.88	\$4,51	4.94%				

Schedule 1-A Farm and Home Marketing Rate (ETS) Rate E18

		Existing			Proposed		\$ Increase	% Increase	
	Billing Determinants	Current Rate	Annualized Revenues	Billing Determinants	Rate	Annualized Revenues			
Customer Charge	892	\$6.26	\$5,584	892	\$6.26	\$5,584	\$0 \$0	0.00%	\$0
Energy charge per kWh	1,495,501	\$0.03515	52,567	1,495,501	\$0,03898	58,294	\$5,727 \$0	10,89%	\$5,727
Total from base rates			58,151			63,878	\$5,727 \$0	9.85%	
Fuel adjustment Environmental surcharge			12,785 7,577			12,785 7,577	\$0 \$0	0.00% 0.00%	v.
Tri direvenues			\$78,513			\$84,240	\$5,727	7.29%	
.age Bill	4		\$88.02			\$94.44	\$6.42	7,29%	

Schedule 2 Small General Service Rate 2

•		Existing			Proposed		\$ Increase	% Increase		
	Billing Determinants	Current Rate	Annualized Revenues	Billing Determinants	Rate	Annualized Revenues				
Customer Charge	2,007	\$43,07	\$86,441	2,007	\$43.07	\$86,441	\$0 \$0	0.00%		\$0
Demand Charge	65,126	\$6,49	\$422,668	65,126	\$6.49	422,668	\$0 \$0	0.00%	\$0	
Energy Charge	16,206,563	\$0.03515	569,661	16,206,563	\$0.03915	634,565	\$64,904	11.39%	\$64,904	
Total Baseload Charges			\$1,078,770		÷	\$1,143,674	\$64,904	6.02%		
Fuel adjustment Environmental surcharge			132,664 100,451			132,664 100,451	\$0 \$0	0.00% 0.00%		
Total Revenues			\$1,311,885			\$1,376,789	\$64,904	4.95%		
Average Bill			\$ 654			\$ 686	32.34	4.95%		

Schedule 3 Large General Service Rate 3

		Existing			Proposed		\$ Increase	% Increase			
	Billing Determinants	Current Rate	Annualized Revenues	Billing Determinants	Rate	Annualized Revenues					
Customer Charge	1,332	\$57.31	\$76,337	1,332	\$57,31	\$76,337	\$0 \$0	0.00%	•		\$0
Demand Charge	195,326	\$6.06	\$1,183,676	195,326	\$6.06	1,183,676	\$0 \$0	0.00%	\$0		
Energy Charge	53,979,150	\$0,03526	1,903,305	53,979,150	\$0.03926	2,119,482	\$216,177	11.36%		\$216,177	
Total Baseload Charges			\$3,163,317			\$3,379,494	\$216,177	6.83%			
Fuel adjustment Environmental surcharge	•		437,923 294,757			437,923 294,757	\$0 \$0	0.00% 0.00%			
: Revenues			\$3,895,997			\$4,112,174	\$216,177	5.55%			
age Bill			\$ 2,925			\$ 3,087	162.30	5.55%			

Schedule 3a Large General Service 1 Rate 3

•		Existing			Proposed		\$ Increase	% Increase			
	Billing Determinants	Current Rate	Annualized Revenues	Billing Determinants	Rate	Annualized Revenues					
Customer Charge	145	\$57.31	\$8,310	145	\$57.31	\$8,310	\$0 \$0	0.00%			\$0
Demand Charge	103,801	\$6.06	\$629,034	103,801	\$6,06	629,034	\$0 \$0	0.00%	\$0		
Energy Charge	50,375,897	\$0.03526	1,776,254	50,375,897	\$0.03926	1,978,001	\$201,747	11.36%		\$201,747	
Total Baseload Charges			\$2,413,598			\$2,615,345	\$201,747	8,36%			
Fuel adjustment Environmental surcharge			406,069 231,099			406,069 231,099	\$0 \$0	0.00% 0.00%			
Total Revenues			\$3,050,766			\$3,252,513	\$201,747	6,61%			
Average Bill			\$ 21,040			\$ 22,431	1,391.36	6.61%			

Schedule AES All Electric Schools Rate 4

		Existing			Proposed		\$ increase	% Increase				
	Billing Determinants	Current Rate	Annualized Revenues	Billing Determinants	Rate	Annualized Revenues						
Customer Charge	24	\$56.77	\$1,362	24	\$56.77	\$1,362	\$0 \$0	0.00%				\$0
Demand Charge	8,236	\$0.00	\$0	8,236	\$0.00	-	\$0			\$0		
Energy Charge	2,400,600	\$0.05692	136,642	2,400,600	\$0.06092	146,256	\$0 \$9,614	7.04%	-		\$9,614	
* Baseload Charges			\$138,005			\$147,619	\$9,614	6.97%				
Adjustment Environmental surcharge			28,304 3,197			28,304 3,197	\$0 \$0	0.00% 0.00%				
Total Revenues			\$169,506	•		\$179,120	\$9,614	5.67%				
Average Bill			\$ 7,063			\$ 7,463	400.58	5.67%				

\$0

\$0

Contract Rate Tennessee Gas

		Existing			Proposed		\$ Increase	% Increase
•	Billing Determinants	Current Rate	Annualized Revenues	Billing Determinants	Rate	Annualized Revenues		-
Customer Charge	12	\$56.77	\$681	. 12	\$56.77	\$681	\$0 \$0	0.00%
Demand Charge	300,000	\$1.75	\$525,000	300,000	\$1.75	525,000	\$0 \$0	0.00%
Energy Charge Customer Adder	88,570,870 88,570,870	\$0.05692 0.002	5,041,454 177,142	88,570,870 88,570,870	\$0.05692 \$0.00200	5,041,454 177,142	\$0 \$0	0.00%
Total Baseload Charges			\$5,744,277			\$5,744,277	\$0	0.00%
Fuel adjustment Environmental surcharge			0 290,921			0 290,921	\$0 \$0	0.00%
Total Revenues		*****	\$6,035,198		:	\$6,035,198	\$0	0.00%
Average Bill		(\$ 502,933			\$ 502,933	-	0.00%

Fleming-Mason Billing Analysis for the 12 months ended September 30, 2006

Schedule LIS 6 B Guardian Industries Rate LIS 6 B

		Existing			Proposed		\$ Increase	% Increase		
	Billing Determinants	Current Rate	Annualized Revenues	Billing Determinants	Rate	Annualized Revenues				•
Customer Charge	12	\$1,069.00	\$12,828	12	\$1,069	\$12,828	\$0 \$0	9.00%		\$0
Demand Charge	120,000	\$5.39	\$646,800	120,000	\$7.29	874,800	\$228,000 \$0	35.25%	\$228,000	
Energy Charge	53,077,372	\$0.03085	1,637,437	53,077,372	\$0.03085	1,637,437	\$0	0.00%		\$0
Baseload Charges			\$2,297,065			\$2,525,065	\$228,000	9,93%		
ruel adjustment Environmental surcharge			426,986 225,608			426,986 225,608	\$0 \$0	0.00% 0.00%		
Total Revenues			\$2,949,659			\$3,177,659	\$228,000	7.73%		
Average Bill			\$ 245,805			\$ 264,805	19,000.00	7.73%		

Schedule LIS 6 Dravo Rate LIS 6

		Existing			Proposed		\$ Increase	% Increase		
	Billing Determinants	Current Rate	Annualized Revenues	Billing Determinants	Rate	Annualized Revenues				
Customer Charge	12	\$0.00	\$0	12	·\$0	\$0	\$0 \$0			\$0
Demand Charge	201,396	\$5.39	\$1,085,524	201,396	\$7.29	1,468,177	\$382,652	35.25%	\$382,652	
Energy Charge	128,158,165	\$0.03085	3,953,679	128,158,165	\$0.03085	3,953,679	\$0 \$0	0.00%		\$0
Total Baseload Charges			\$5,039,204			\$5,421,856	\$382,652	7.59%		
Fuel adjustment Environmental surcharge			1,048,782 502,944			1,048,782 502,944	\$0 \$0	0.00% 0.00%		
Total Revenues			\$6,590,930			\$6,973,582	\$382,652	5.81%		
Average Bill			\$ 549,244			\$ 581,132	31,887.70	5.81%		

Fieming-Mason
Billing Analysis
for the 12 months ended September 30, 2006

Contract Inland Container

		Existing			Proposed		\$ Increase	% Increase			
	Billing Determinants	Current Rate	Annualized Revenues	Billing Determinants	Rate	Annualized Revenues					
Customer Charge	12	\$4,605.00	\$55,260	12	\$4,605	\$55,260	•	0,00%			\$0
Demand Charge	325,738	\$5.39	\$1,755,728	325,738	\$6.92	2,254,107	498,379	28.39%	\$0		
rgy Charge mer Adder	220,486,205	\$0.02756	6,076,600	220,486,205	\$0.02756	6,076,600	•	0.00%		\$0	
. Baseload Charges		•	\$7,887,588			\$8,385,967	498,379	6.32%			
Fuel adjustment Environmental surcharge			1,654,414 1,658,264			1,654,414 1,658,264	-	0.00% 0.00%			
Total Revenues			\$11,200,266			\$11,698,645	498,379	4.45%			
Average Bill			\$ 933,355			\$ 974,887	41,532	4.45%			

Contract Inland Steam

		Existing			Proposed		\$ Increase	% Increase				
	Billing Determinants	Current Rate	Annualized Revenues	Billing Determinants	Rate	Annualized Revenues						
Customer Charge	12	\$0.00	\$0	12	\$0	\$0	-		Eff Factor			\$0
Demand Charge	4,394.11	\$419.51	\$1,765,378	4,394	\$604.44	2,543,599	778,221	44.08%	0.957689	\$0		
Energy Charge	2,392,681.7	\$2,96396	\$6,788,794	2,392,682	\$2,96396	6,788,794	-	0.00%	0.957272	:	\$0	
Total Baseload Charges			\$8,554,172			\$9,332,393	778,221	9.10%				
Fuel adjustment Environmental surcharge			2,025,897 1,010,405			2,025,897 1,010,405		0.00% 0.00%				
Total Revenues			\$11,590,474			\$12,368,695	778,221	6.71%				
Average Bill			\$ 965,873			\$ 1,030,725	64,852	6.71%				
	Total		\$70,849,870		Diff	\$74,408,978 \$3,559,108	\$3,559,108 \$243,680	Inland El Load Cntr		610,652	1,651,666	-
	Total (less TGP,In	lands)	\$42,023,933		Diff	\$44,306,441 \$2,282,508				KWh Non-Dem 417,460,126		
									Total incr Dem Incr	2,282,508 610,652	Parts 2,282,508	Diff (0)
									Cust Incr Energy Incr	1,671,856		
									Ener Rate	0.004004827		

Street Lighting and Security Lights Outdoor Lighting

		Existin	ıg			Propose	ed		\$ Increase	% Increase
t .	Billing Determinants	Total kWh	Current Rate	Annualized Revenues	Billing Determinants	Total kWh	Rate	Annualized Revenues		
7000 LUMEN MERCURY VAPOR	30,193	2,083,317	\$6.32	\$190,819.76	30,193	2,083,317	\$6.60	199,163	8,343	4.37%
20000 LUMEN MERCURY VAPOR	72	2,808	\$12.03	\$866.16	72	2,808	\$12.19	877	11	1.30%
9500 LUMEN STANDARD HPS	57,398	2,238,522	\$6.36	\$365,051.28	57,398	2,238,522	\$6.52	374,016	8,965	2,46%
9500 LUMEN ORNAMENTAL HPS	108	4,212	\$13.84	\$1,494.72	108	4,212	\$14.00	1,512	17	1.13%
9500 LUMEN DIRECTIONAL HPS	2,347	91,533	\$6.44	\$15,114.68	2,347	91,533	\$6.60	15,481	367	2.43%
22,000 LUMEN STANDARD HPS	513	41,553	\$8.85	\$4,540.05	513	41,553	\$9,17	4,706	166	3.67%
22,000 LUMEN ORNAMENTAL HPS	156	12,636	\$16.35	\$2,550.60	156	12,636	\$16,67	2,601	51	1.98%
22,000 LUMEN DIRECTIONAL HPS	945	76,545	\$8.67	\$8,193.15	945	76,545	\$8.99	8,500	307	3.74%
50,000 LUMEN STANDARD HPS	12	1,944	\$13.05	\$156.60	12	1,944	\$13.70	164	8	4.97%
50,000 LUMEN DIRECTIONAL HPS	3,014	488,268	\$12.75	\$38,428.50	3,014	488,268	\$13,40	40,384	1,955	5.09%
	94,758	5,041,338		\$627,215.50	94,758	5,041,338		647,405	20,190	3.22%

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FLEMING-MASON ENERGY COOPERATIVE PSC CASE NO. 2006-00479 FIRST DATA REQUEST RESPONSE

COMMISSION STAFF'S FIRST DATA REQUEST DATED 3/12/07

REQUEST 2

RESPONSIBLE PERSON:

William A. Bosta

COMPANY:

Fleming-Mason Energy Cooperative

Request 2. KRS 278.455(2) provides that a distribution cooperative may change its rates to reflect a change in the rate of its wholesale supplier if the effects of an increase or decrease are allocated to each class and within each tariff on a proportional basis that will result in no change in the rate design currently in effect. 807 KAR 5:007, Section 2(2), provides that the distribution cooperative shall file an analysis demonstrating that the rate change does not change the rate design currently in effect and the revenue change has been allocated to each class and within each tariff on a proportional basis. In the cover letter to its Application, Fleming-Mason states:

In each instance, the retail rates for a particular class have been developed in a manner that is consistent with the method proposed by EKPC. The proposed rate design structure at retail does not change the rate design currently in effect and is consistent with the rate design methodology used at wholesale.

Request 2a. For each retail Rate Schedule listed in Exhibit II of the Application, identify the corresponding wholesale Rate Schedule of East Kentucky Power Cooperative, Inc.

Response 2a. Please see the attached information.

Request 2b. Would Fleming-Mason agree that KRS 278.455(2) and 807 KAR 5:007, Section 2(2), require that increases or decreases in rates from the wholesale supplier must be allocated to each retail class and within each retail tariff on a proportional basis? Explain the response.

Response 2b. Yes. EKPC and each Member System understands these requirements and have developed proposed rates that meet the intent of KRS 278.455(2) and 807 KAR5:007. As explained in Mr. Bosta's testimony, EKPC began the rate design process at wholesale by allocating the proposed rate increase to each rate class on a proportional basis. The proportional increase to each rate class was then applied to the most appropriate rate mechanism for each rate class.

The proposed increase at retail is strictly a pass-through of EKPC's increased wholesale costs and each Member System must recover the dollar increase from new wholesale rates. As a result, EKPC and each Member System recognized that it was important to implement retail rates that mirror the change at wholesale, while meeting the proportionality and rate design requirements.

EKPC and its Member Systems understand that a "pure" proportional increase at retail, as discussed in Item 3 herein, would result in increases at retail to customer, demand and energy charges. However, EKPC and its Member Systems came to the conclusion that, for example, an increase in the customer charge at retail made no sense because the wholesale increase had no relationship to customer cost. EKPC has not proposed an increase in its substation charges or metering point charges in this proceeding. Consequently, EKPC and its Member Systems could not justify increasing the retail customer charge when the wholesale increase has no relationship to that cost.

Therefore, EKPC believes that its proposed wholesale increase using a proportional basis, coupled with the use of the wholesale rate design methodology at retail, is a reasonable approach to meeting the intent of the requirements.

Request 2c. Would Fleming-Mason agree that KRS 278.455(2) and 807 KAR 5:007, Section 2(2), require that the retail rate change does not change the retail rate design currently in effect? Explain the response.

Response 2c. Yes. EKPC and its Member Systems understand the requirements set forth in KRS 278.455(2) and 807 KAR 5:007 and believe that the proposed rates do not alter the existing rate design structure at retail.

As indicated in the response to Item 2b, the rate design used for the pass-through increase at retail was intended to meet these requirements, while also maintaining the existing wholesale/retail rate design relationship and recognizing cost causation principles.

Industrial customers at retail, for example, will pay the same demand charge as the Member System pays to EKPC. This maintains the rate design relationship from wholesale to retail that has existed for a number of years. Likewise, the proposed increase in the "E" wholesale rate, which is only applied to the energy charge, is being passed through only to the energy charge at retail. This process allows the rate design relationship from wholesale to retail to remain in place.

Fundamentally, for every retail rate class, there has been no change in the rate design structure. The demand, energy, and customer components for industrial rates remains intact and the residential and commercial rate design structure remains as is through a continuation of the customer and energy charge structure. This adherence to the rate

design structure, coupled with a retention of the wholesale to retail rate design relationship, is a reasonable approach and meets the legal requirements.

The present and proposed rates structures of Fleming-Mason Energy Cooperative are listed below:

	EKPC		
Rate Class	Rate Schedule	Present	Proposed
Residential & Small Power - Sch RSP	E-2		
Customer charge per month		\$6.26	\$6.26
Energy charge per kWh		\$0.06096	\$0.06497
Residential & Small Power – Sch RSP-ETS	E-2		
Energy charge for all kWh		\$0.03657	\$0.03898
Small General Service – Sch SGS	E-2		
Customer charge per meter		\$43.07	\$43.07
Demand charge per kW		\$6.49	\$6.49
Energy charge per kWh		\$0.03515	\$0.03915
Large General Service – Sch LGS	E-2		
Customer charge per meter		\$57.31	\$57.31
Demand charge per kW		\$6.06	\$6.06
Energy charge per kWh	•	\$0.03526	\$0.03926
Outdoor Lighting Service - Sch OLS	E-2		
Mercury Vapor - 7,000 Lumens - Std Service		\$6.32	\$6.60
Mercury Vapor - 7,000 Lumens - Ornamental Service		\$14.97	\$15.25
Mercury Vapor – 20,000 Lumens – Std Service		\$12.03	\$12.19
Mercury Vapor – 20,000 Lumens – Ornamental Service		\$19.54	\$19.70
High Pressure Sodium – 9,500 Lumens – Std Service		\$6.36	\$6.52
High Pressure Sodium – 9,500 Lumens – Ornamental Service	e	\$13.84	\$14.00
High Pressure Sodium - 9,500 Lumens - Directional Service	9	6.44	\$6.60
High Pressure Sodium – 22,000 Lumens – Std Service		\$8.85	\$9.17
High Pressure Sodium – 22,000 Lumens – Ornamental Servi	ice	\$16.35	\$16.67
High Pressure Sodium – 22,000 Lumens – Directional Servi	ce	\$8.67	\$8.99
High Pressure Sodium – 50,000 Lumens – Std Service		\$13.05	\$13.70
High Pressure Sodium – 50,000 Lumens – Ornamental Servi	ice	\$20.15	\$20.80
High Pressure Sodium – 50,000 Lumens – Directional Servi	ce	\$12.75	\$13.40
All Electric School	E-2		
Customer charge		\$56.77	\$56.77
Energy charge per kWh		\$0.05692	\$0.06092
Large Industrial Service – Sch LIS 1	\mathbf{C}		
Customer charge per meter		\$535.00	\$535.00
Demand charge per kW		\$7.82	\$9.72
Energy charge per kWh		\$0.03629	\$0.03629
Large Industrial Service – Sch LIS 2	C		
Customer charge per meter		\$1,069.00	\$1,069.00
Demand charge per kW		\$7.82	\$9.72
Energy charge per kWh		\$0.03304	\$0.03304
Large Industrial Service – Sch LIS 3	\mathbf{C}		
Customer charge per meter		\$1,069.00	\$1,069.00
Demand charge per kW		\$6.39	\$8.64
Energy charge per kWh		\$0.03198	\$0.03198
Large Industrial Service – Sch LIS 4	C		
Customer charge per meter	•	\$535.00	\$535.00
Demand charge per kW		\$5.39	\$7.29
Energy charge per kWh		\$0.03812	\$0.03812

Request 2a Attachment Page 2 of 2

Large Industrial Service – Sch LIS 5	C		
Customer charge per meter		\$1,069.00	\$1,069.00
Demand charge per kW		\$5.39	\$7.29
Energy charge per kWh		\$0.03487	\$0.03487
Large Industrial Service – Sch LIS 6	\mathbf{C}		
Customer charge per meter		\$1,069.00	\$1,069.00
Demand charge per kW		\$5.39	\$7.29
Energy charge per kWh		\$0.03085	\$0.03085
Large Industrial Service – Sch LIS 4B	В		
Customer charge per meter		\$535.00	\$535,00
Demand charge per contract kW		\$5.39	\$7.29
Demand charge in excess of contract		\$7.82	\$9.72
Energy charge per kWh	•	\$0.03812	\$0.03812
Large Industrial Service – Sch LIS 5B	В		•
Customer charge per meter		\$1,069.00	\$1,069.00
Demand charge per contract kW		\$5.39	\$7.29
Demand charge in excess of contract		\$7.82	\$9.72
Energy charge per kWh		\$0.03487	\$0.03487
Large Industrial Service – Sch LIS 6B	В		
Customer charge per meter		\$1,069.00	\$1,069.00
Demand charge per contract kW		\$5.39	\$7.29
Demand charge in excess of contract	•	\$7.82	\$9.72
Energy charge per kWh		\$0.03085	\$0.03085
Special Contract – Inland Container	\mathbf{G}		
Customer Charge		\$4,605.00	\$4,605.00
Demand Charge per kW		\$5.39	\$6.92
Energy Charge per kWh		\$0.02756	\$0.02756
Special Contract – Inland Steam	Special Contract		
Demand Charge per MMBTU		\$419.51	\$604,44
Energy Charge per MMBTU		\$2.964	\$2.964
Special Contract – Tennessee Gas	Special Contract		
Customer Charge	*	\$56.77	\$56.77
Demand Charge per kW		\$1.75	\$1.75
Energy Charge per kWh		\$0.05692	\$0.05692



FLEMING-MASON ENERGY COOPERATIVE PSC CASE NO. 2006-00479 FIRST DATA REQUEST RESPONSE

COMMISSION STAFF'S FIRST DATA REQUEST DATED 3/12/07

REQUEST 3

RESPONSIBLE PERSON:

William A. Bosta

COMPANY:

Fleming-Mason Energy Cooperative

Request 3.

Refer to Exhibit III of the Application.

<u>Request 3a.</u> Prepare the following comparative analyses of Fleming-Mason's present and proposed revenues:

- (1) Calculate the percentage that each rate schedule or class represents of the total revenues for both the present revenues and proposed revenues. Percentages should be expressed to 2 decimal places.
- (2) Calculate the percentage that each component of the base rates within each rate schedule or class represents of the total base rate revenues for both the present revenues and proposed revenues. Do not include fuel adjustment revenues, environmental surcharge revenues, or green power revenues. Percentages should be expressed to 2 decimal places.

Response 3a.

- (1) Please see the attached information.
- (2) Please see the attached information.

Request 3b. Based upon the results of the analyses prepared in part (a) above, explain in detail how Fleming-Mason's proposed pass-through rates are in compliance with the retail rate requirements of KRS 278.455(2) and 807 KAR 5:007, Section 2(2).

Response 3b. Maintaining the existing revenue proportion as shown in part (a) above assumes that the proportionality requirement would follow strict adherence to the existing proportion of revenues at retail, by rate mechanism component (i.e. customer, energy and demand). EKPC and the Member Systems believe that the proportionality requirement is not so narrow and that the pass-through at retail has followed the proposed wholesale rate design process in a proportional manner. At retail, for example, there is no increase in the customer charge because EKPC did not increase the metering point charge or substation charge at wholesale. Moreover, the "B" and "C" type retail industrial classes will have the same demand rate as the proposed demand rate for industrial customers at wholesale. It follows the matching concept upon which these rates were originally created.

See also the response to Item 2(b) and 2(c) herein. KRS 278.455(2) explicitly recognizes "proportional" allocation without recognizing a specific method, whether KWh, revenue, or other means of proportionality. EKPC has chosen the proportional method of applying wholesale to retail, with the intended matching concept of costs vs. revenue. The retail rates reflect this top-down approach to proportionality. Please see the attached analysis which illustrates this approach.

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for the 12 months ended		September 30, 2006				Page 1 of 1
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VALUE OF THE PARTY	Total	Total	\$ Increase	% Increase	Percent	Percent
Residential	23,349,462	24,502,958	1,153,496	4.94%	32.96%	32.93%
Farm and Home Marketing Rate (ETS)	78,513	84,240	5,727	7.29%	0.11%	0.11%
Small General Service	1,311,885	1,376,789	64,904	4.95%	1.85%	1.85%
Large General Service	3,895,997	4,112,174	216,177	5.55%	2.50%	5.53%
Large Industriial Service 1	3,050,766	3,252,513	201,747	6.61%	4.31%	4.37%
All Electric Schools	169,506	179,120	9,614	2.67%	0.24%	0.24%
Tennessee Gas	6,035,198	6,035,198	1	%00.0	8.52%	8.11%
Guardian Industries	2,949,659	3,177,659	228,000	7.73%	4.16%	4.27%
Dravo	6,590,930	6,973,582	382,652	5.81%	9.30%	9.37%
Inland Container	11,200,266	11,698,645	498,379	4.45%	15.81%	15.72%
Inland Steam	11,590,474	12,368,695	778,221	6.71%	16.36%	16.62%
Street Lighting and Security Lights	627,216	647,405	20,190	3.22%	%68.0	0.87%
	70,849,870	74,408,978	3,559,108	5.02%	amailtean	100.00%

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	Billing Determinants	Current Rate	Annualized Revenues		Billing Determinants	Rate	Annualized Revenues	1						1			
		N/10/00/2007						\pm									
Customer Charge	255,563	\$6.26	\$1,599,824		255,563	\$6.26	\$1,599,824	-	\$0 \$0	0,00% #DIV/0	8.35%	7.88%	-				
Energy charge per kWh Green Power	287,961,077	\$0.06096	17,554/107 336	\blacksquare	287,961,077	\$0.0649657	18,707,604 336	-	\$1,153,498 \$0	8.57% 0.00%	91,65%	92,12%			\$1.	153,496	
Total from base rates	A Marie Color Color		19,154,268				20,307,764	-	\$1,153,496 \$0	6.02% #DIV/0I	100.00%	100.00%					
Fuel adjustment			2,403,734 1,791,460			*************	2,403,734 1,791,460		\$0 \$0	0.00% 0.00%							
Environmental surcharge			\$23,349,462				\$24,502,958		\$1,153,498	4.94%				-			
Total revenues							2200					a. mara i N _{alambara}	 				***************************************
Averago Bill			\$91.36				\$95.88		\$4.51	4.94%	e	Lange Chambre 4		220000000000000000000000000000000000000			
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	Billing	Current	Annualized		Billing		Annualized					ammand of qualitative administrative arms					
	Determinants	Rate	Revenues		Determinants	Rate	Revenues						 		-		
Customer Charge	892	\$6.26	\$5,584		892	\$6.26	\$5,584		\$0	0.00%	9.60%	8,74%					
Energy charge per kWh	1,495,501	\$0.03515	52,567		1,495,501	\$0,038979	58,294	-	\$0 \$5,727	#DIV/0I 10.89%	90.40%	91.26%	 			\$5,727	
Total from base rates			58,151				63,878	1	\$0 \$5,727	#DIV/0I 9.85%	100,00%			- sitebuthern			
			12,785				12,785		\$0 \$0	#DIV/01 0.00%							
Fuel adjustment Environmental surcharge			7,577				7,577		\$0	0.00%					23///		of of comments on with more or
Total revenues			\$78,513				\$84,240	1	\$5,727	7,29%							
Average Bili			\$88.02				\$94.44		\$6.42	7.29%		-4.500.000.000.000	<u> </u>	a an initial desirate home			
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	Billing Determinants		Billing A t 12 months ends Scher Small Gene	Analy ed Si dule eral	rsis eptember 30, 200 2		Annualized Revenues			% Increase							
Customer Charge		Existing Current	Billing A 12 months ende Scher Small Gene Rat Annualized	Analy ed Si dule eral	rsis aptember 30, 200 2 Service Billing	Proposed	Annualized		\$ Increase	0.00%	5,01%	7.569	in a state of the				
Customer Charge	Determinants	Existing Current Rate	Billing A 12 months ende Scher Small Genr Rat Annualized Revenues	Analy ed Si dule eral	vsis potember 30, 200 2 Service Billing Determinants	Proposed Rate	Annualized Revenues		\$ Increase \$ 50, \$0 \$ 50, \$0	0.00% #DIV/0I 0.00%	\$.01% 39.18%						
Customer Charge Demand Charge	2,007 65,126	Existing Current Rate \$43.07	Billing A to 12 months ende Schett Small Genr Rat Annualized Revenues \$86,441 \$422,668	Analy ed Si dule eral	esis petember 30, 200 2 Service Billing Determinants 2,007 65,126	Proposed Rate \$43.07	Annualized Revenues \$86,441 422,668		\$ Increase \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0,	0.00% #DIV/04 0.00% #DIV/0		38,969	6		50	\$04.904	
Customer Charge Demand Charge Energy Charge	Determinants 2,007	Existing Current Rate \$43.07	Billing & to 12 months ends schen Schen Schen Small Gene Rat Annualized Revenues \$86,441	Analy ed Se dule eral:	rsis ptember 30, 200 2 Service Billing Determinants 2,007	Proposed Rate \$43.07	Annualized Revenues \$86,441 422,668 634,585		\$ Increase \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	0.00% #DIV/0I 0.00% #DIV/0I 11.39%	39.18% 52.81%	38.969	6		\$0	504,904	
Customer Charge Demand Charge Energy Charge Total Baseload Charges	2,007 65,126	Existing Current Rate \$43.07	Billing & to 12 months ende Schet Small Gene Rat Annualized Revenues \$66,441 \$422,666 \$1,078,770	Analy ed Si dule eral:	esis petember 30, 200 2 Service Billing Determinants 2,007 65,126	Proposed Rate \$43.07	Annualized Revenues \$86,441 422,668 634,565 \$1,143,674		\$ Increase \$9, \$0, \$0, \$0, \$64,904	0.00% #DIV/OI 0.00% #DIV/OI 11.39% 6.02%	39.16% 52.81% 100.00%	38,969	6		\$50	\$64,904	
Customer Charge Demand Charge Energy Charge	2,007 65,126	Existing Current Rate \$43.07	Billing & to 12 months ends schen Schen Schen Small Gene Rat Annualized Revenues \$86,441	Analded Side of Side o	esis petember 30, 200 2 Service Billing Determinants 2,007 65,126	Proposed Rate \$43.07	Annualized Revenues \$86,441 422,668 634,585		\$ Increase \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	0.00% #DIV/0I 0.00% #DIV/0I 11.39% 6.02%	39.18% 52,81% 100.00%	38.969	6		\$0	\$04,904	
Customer Charge Demand Charge Energy Charge Total Baseload Charges Fuel adjustment	2,007 65,126	Existing Current Rate \$43.07	Billing & to 12 months ends schet Small Gene Ral Annualized Revenues \$86,441 \$422,668 \$59,661 \$1,078,770 132,664	Analiced Solid Sol	esis petember 30, 200 2 Service Billing Determinants 2,007 65,126	Proposed Rate \$43.07	Annualized Revenues \$86,441 422,668 634,565 \$1,143,674		\$ Increase \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0,	0.00% #DIV/OI 9.00% #DIV/OI 11.39% 6.02% 0.00%	39.18% 52,81% 100.00%	38.969	6		\$0	\$04,904	
Customer Charge Demand Charge Energy Charge Total Baseload Charges Fuel adjustment Environmental surcharge Total Revenues	2,007 65,126	Existing Current Rate \$43.07	Billing & to 12 months ends schen Schlieber Schliebe	Analda Sidule de la Caraca de l	esis petember 30, 200 2 Service Billing Determinants 2,007 65,126	Proposed Rate \$43.07	Annualized Revenues \$86,441 422,669 634,585 \$1,143,674 132,684 100,451		\$ Increase \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0,	0.00% #DIV/OI 9.00% #DIV/OI 11.39% 6.02% 0.00%	39.18% 52,81% 100.00%	38.969	6		\$ 50	\$04,903	
Customer Charge Demand Charge Energy Charge Total Baseload Charges Fuel adjustment Environmental surcharge	2,007 65,126	Existing Current Rate \$43.07	Billing & b 12 months ende Schet Small Gene Rat Annualized Revenues \$86,441 \$422,668 \$589,661 \$1,078,770 \$132,664 \$1,311,885	Analda Sidule de la Caraca de l	esis petember 30, 200 2 Service Billing Determinants 2,007 65,126	Proposed Rate \$43.07	Annualized Revenues \$66,441 422,668 634,565 \$1,143,574 132,664 100,451 \$1,376,789		\$ Increase \$9, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0	0.00% #DIV/0I 0.00% #DIV/0I 11.39% 6.02% 0.00% 4.95%	39.18% 52,81% 100.00%	38.969	6		\$\$0	\$64,804	
Customer Charge Damand Charge Energy Charge Total Baseload Charges Fuel adjustment Environmental surcharge	2,007 65,126	Existing Current Rate \$43.07	Billing & b 12 months ends Schet Small Genr Raf Annualized Revenues \$86,441 \$422,666 \$59,661 \$1,078,770 \$132,664 100,451 \$1,311,885 \$654	Analded Signature of Signature	sis potentier 30, 200 2 2 Service Billing Determinants 2,007 65,126 15,206,563	Proposed Rate \$43.07	Annualized Revenues \$66,441 422,668 634,565 \$1,143,574 132,664 100,451 \$1,376,789		\$ Increase \$9, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0	0.00% #DIV/0I 0.00% #DIV/0I 11.39% 6.02% 0.00% 4.95%	39.18% 52,81% 100.00%	38.969	6		\$50	\$04,904	
Customer Charge Damand Charge Energy Charge Total Baseload Charges Fuel adjustment Environmental surcharge	2,007 65,126	Existing Current Rate \$43.07 \$6.49 \$0.03515	Billing & b 12 months ends Schet Small Gene Rat Annualized Revenues \$86,441 \$422,668 \$569,661 \$1,078,770 \$132,664 100,451 \$1,311,885 \$654	Analdule distriction of the control	### ### ### ### ### ### ### ### ### ##	Proposed Rate \$43.07 \$6.49 \$0.0391548	Annualized Revenues \$66,441 422,668 634,565 \$1,143,574 132,664 100,451 \$1,376,789		\$ Increase \$9, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0	0.00% #DIV/0I 0.00% #DIV/0I 11.39% 6.02% 0.00% 4.95%	39.18% 52,81% 100.00%	38.969	6		\$ 50	\$04,904	
Customer Charge Demand Charge Energy Charge Total Baseload Charges Fuel adjustment Environmental surcharge Total Revenues	2,007 65,126	Existing Current Rate \$43.07 \$6.49 \$0.03515	Billing & b 12 months ends 12 months ends 12 months ends 13 months ends 13 months ends 14 months ends 15 months e	Analyed Side of the Control of the C	sis plember 30, 209 2 Service Billing Determinants 2,997 65,126 16,296,563	Proposed Rate \$43.07 \$6.49 \$0.0391548	Annualized Revenues \$66,441 422,668 634,565 \$1,143,574 132,664 100,451 \$1,376,789		\$ Increase \$9, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0	0.00% #DIV/0I 0.00% #DIV/0I 11.39% 6.02% 0.00% 4.95%	39.18% 52,81% 100.00%	38.969	6		50	\$64,904	
Customer Charge Damand Charge Energy Charge Total Baseload Charges Fuel adjustment Environmental surcharge	2,007 65,126	Existing Current Rate \$43.07 \$6.49 \$0.03515	8 Billing / E 12 months ends 12 months ends Schet Small Genr Raf Annualized Revenues \$86,441 \$422,666 \$59,861 \$1,078,770 132,664 100,451 \$1,311,885 \$654 Eleming Billing e 12 months ends Schet Large Gen	Analyed Side of the Control of the C	sis polember 30, 200 2 Service Billing Determinants 2,007 65,126 16,206,563	Proposed Rate \$43.07 \$6.49 \$0.0391548	Annualized Revenues \$66,441 422,668 634,565 \$1,143,574 132,664 100,451 \$1,376,789		\$ Increase \$9, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0	0.00% #DIV/0I 0.00% #DIV/0I 11.39% 6.02% 0.00% 4.95%	39.18% 52,81% 100.00%	38.969	6		30	\$64,904	
Customer Charge Demand Charge Energy Charge Total Baseload Charges Fuel adjustment Environmental surcharge Total Revenues	2,007 65,126	Existing Current Rate \$43.07 \$6.49 \$0.03515	8 Billing / E 12 months ends 12 months ends Schet Small Genr Raf Annualized Revenues \$86,441 \$422,666 \$59,861 \$1,078,770 132,664 100,451 \$1,311,885 \$654 Eleming Billing e 12 months ends Schet Large Gen	Analided Side of the Control of the	sis polember 30, 200 2 Service Billing Determinants 2,007 65,126 16,206,563	Proposed Rate \$43.07 \$6.49 \$0.0391548	Annualized Revenues \$66,441 422,668 634,565 \$1,143,574 132,664 100,451 \$1,376,789		\$ Increase \$9, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0	0.00% #DIVICI 0.00% *PDIVICI 11.39% 6.02% 0.00% 0.00% 4.95%	39.18% 52.81% 100.00%	38.969	6		30	\$64,904	
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Customer Charge Demand Charge Energy Charge Total Baseload Charges Fuel adjustment Environmental surcharge Total Revenues	2,007 65,126	Existing Current Rate \$43.07 \$56.49 \$0.03515	8 Billing / E 12 months ends 12 months ends Schet Small Genr Raf Annualized Revenues \$86,441 \$422,666 \$59,861 \$1,078,770 132,664 100,451 \$1,311,885 \$654 Eleming Billing e 12 months ends Schet Large Gen	Analided Side of the Control of the	sis polember 30, 200 2 Service Billing Determinants 2,007 65,126 16,206,563	Proposed Rate \$43.07 \$6.49 \$0.0391548	Annualized Revenues \$66,441 422,668 634,565 \$1,143,574 132,664 100,451 \$1,376,789		\$ Increase \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0,	0.00% #DIVICI 0.00% *PDIVICI 11.39% 6.02% 0.00% 0.00% 4.95%	39.18% 52.81% 100.00%	38.969	6		50	\$64.904	
Customer Charge Demand Charge Energy Charge Total Baseload Charges Fuel adjustment Environmental surcharge Total Revenues Average Bill	Determinants 2,907 65,126 16,208,563 8iiling Determinants	Existing Curent Rate \$43.07 \$5.49 \$0.03515	### Billing ### 12 months ende ### 132,664 ### 132	Anal dule eral l l l l l l l l l l l l l l l l l l l	sis petember 30, 200 2 Service Billing Determinants 2,007 65,126 16,206,563 16,206,563 3 Service Billing Determinants	Proposed Rate \$43.07 \$6.49 \$0.0391548	Annualized Revenues \$66,441 422,668 634,565 \$1,143,674 132,664 100,451 \$1,376,789 \$686 Annualized Revenues		\$ Increase \$ 50, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$	0.00% pDIV/ol 11.39% POIV/ol 11.39% 0.00%	39.18% 52.81% 100.00%	38.669 55.4893 100.003	5 5		\$50	\$04.934	
Customer Charge Demand Charge Energy Charge Total Baseload Charges Fuel adjustment Environmental surcharge Total Revenues Average Bill	### Determinants	Existing Current Rate \$43.07 \$6.49 \$0.03515 for th Existing Current Rate	Billing / b 12 months ende 12 months ende 12 months ende 12 months ende 13 months ende 12 months ende 12 months ende 12 months ende 12 months ende 13 months ende 13 months ende 13 months ende 14 months ende 15 mont	Anal dule 2 Anal d	sis plember 30, 200 Eservice Billing Determinants 2,907 65,126 16,206,563 ISON SISSE SERVICE Billing Determinants 1,332	Proposed Rate \$43.07 \$6.49 \$0.0391548 Proposed Rate \$57.31	Annualized Revenues \$86,441 422,668 634,565 \$1,143,674 132,684 100,451 \$1,376,789 \$ 686		\$ Increase \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0.	0.00% #DIV/OI 0.00% #DIV/OI 11.39% 0.00% 0.00% 0.00% 4.95% 4.95% 4.95% 4.95%	39.18% 52.81% 100.00%	38.669 55.489 100.009	6 6 6			\$04.904	
Customer Charge Demand Charge Energy Charge Total Baseload Charges Fuel adjustment Environmental surcharge Total Revenues Average Bill Customer Charge	Determinants	Existing Current Rate \$43.07 \$56.49 \$0.03515 for th Existing Current Rate \$57.31 \$6.06	8	Anal dule crail : Mean and State and	sis peterminants Service Billing Determinants 2,007 65,126 16,206,563 Service 1,332 1,332	Proposed Rate \$43.07 \$6.49 \$0.0391548 Proposed Rate \$57.31 \$6.06	Annualized Revenues \$66,441 422,668 634,565 \$1,143,674 132,664 100,451 \$1,376,789 \$ 688 Annualized Revenues \$76,337		\$ Increase \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	0.00% FDIV/OI	39.18% 52.81% 100.00% 2.41% 37.42%	38.669 55.489 100.009	6 6		\$0		
Customer Charge Demand Charge Energy Charge Total Baseload Charges Fuel adjustment Environmental surcharge Total Revenues Average Bill Customer Charge Demand Charge	Determinants	Existing Current Rate \$43.07 \$6.49 \$0.03515 for th Existing Current Rate	8 Billing / b 12 months ends Schet Small Genr Raf Annualized Revenues \$86,441 \$422,666 \$59,861 \$1,078,770 132,664 100,451 \$1,311,885 \$654 Element Silling c 12 months ends Schet Large Gen Ra Annualized Revenues \$76,337 \$1,183,676 1,903,305	Anal State of State o	sis plember 30, 200 Eservice Billing Determinants 2,907 65,126 16,206,563 ISON SISSE SERVICE Billing Determinants 1,332	Proposed Rate \$43.07 \$6.49 \$0.0391548 Proposed Rate \$57.31 \$6.06	Annualized Revenues \$86,441 422,668 634,585 \$1,143,674 100,451 \$1,376,789 \$ 686 Annualized Revenues \$76,337 1,183,676 2,119,482		\$ Increase \$ 50, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$	0.00% #DIVIOI 11.39% 6.02% 0.00% 0.0	2.413 39.18% 100.00% 2.413 37.429 60.173	39.669 55.409 100.009 100.009 5.226 6.35.00 6.62.72	6 6		\$0	\$04.904	
Customer Charge Demand Charge Energy Charge Total Baseload Charges Fuel adjustment Environmental surcharge Total Revenues Average Bill Customer Charge	Determinants	Existing Current Rate \$43.07 \$56.49 \$0.03515 for th Existing Current Rate \$57.31 \$6.06	Billing & b 12 months ends Schet	Anal dule dule dule dule dule dule dule dul	sis peterminants Service Billing Determinants 2,007 65,126 16,206,563 Service 1,332 1,332	Proposed Rate \$43.07 \$6.49 \$0.0391548 Proposed Rate \$57.31 \$6.06	Annualized Revenues \$86,441 422,668 634,565 \$1,143,674 132,664 100,451 \$1,376,789 \$ 686 Annualized Revenues 576,337 1,183,676 2,119,482 \$3,379,494		\$ Increase \$ 90, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$	0.00%	2.419 37.429 60.173	38.669 55.409 100.009 100.009 5 2.284 6 35.03 6 62.72	6 6		\$0		
Customer Charge Demand Charge Energy Charge Total Baseload Charges Fuel adjustment Environmental surcharge Total Revenues Average Bill Customer Charge Demand Charge Energy Charge Total Baseload Charges Fuel adjustment	Determinants	Existing Current Rate \$43.07 \$56.49 \$0.03515 for th Existing Current Rate \$57.31 \$6.06	8 Billing / b 12 months ends Schet Small Genr Raf Annualized Revenues \$86,441 \$422,666 \$59,861 \$1,078,770 132,664 100,451 \$1,311,885 \$654 Element Silling c 12 months ends Schet Large Gen Ra Annualized Revenues \$76,337 \$1,183,676 1,903,305	Analyd Side of the Control of the Co	sis peterminants Service Billing Determinants 2,007 65,126 16,206,563 Service 1,332 1,332	Proposed Rate \$43.07 \$6.49 \$0.0391548 Proposed Rate \$57.31 \$6.06	Annualized Revenues \$86,441 422,668 634,585 \$1,143,674 100,451 \$1,376,789 \$ 686 Annualized Revenues \$76,337 1,183,676 2,119,482		\$ Increase \$ 50, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$0, \$	0.00% FDIV/OI 0.00% FDIV	2,419 37,429 60,173	39.669 55.409 100.009 100.009 5.226 6.35.00 6.62.72	6 6		\$0		
Customer Charge Demand Charge Energy Charge Total Baseload Charges Fuel adjustment Environmental surcharge Total Revenues Average Bill Customer Charge Demand Charge Energy Charge Total Baseload Charges Fuel adjustment Environmental surcharge	Determinants	Existing Current Rate \$43.07 \$56.49 \$0.03515 for th Existing Current Rate \$57.31 \$6.06	8 Billing / b 12 months ends Schet Small Genr Raf Annualized Revenues \$86,441 \$422,668 \$422,668 \$1,078,770 132,664 100,451 \$1,311,885 \$654 \$1,278,770 \$1,266 \$1,278,770 \$1,266 \$1,078,770 \$1,266 \$1,078,770 \$1,266 \$1,078,770 \$1,311,885 \$654 \$1,311,885 \$654 \$1,411,885 \$1,118,676 \$1,183,676 \$1,183,676 \$1,903,305 \$3,163,317 \$437,923 \$294,757 \$1,903,305 \$3,163,317 \$437,923 \$294,757 \$1,903,305 \$3,163,317 \$437,923 \$294,757 \$1,903,305 \$3,163,317 \$437,923 \$294,757 \$1,903,305 \$3,163,317 \$437,923 \$294,757 \$1,903,305 \$3,163,317 \$437,923 \$294,757 \$1,903,305 \$3,163,317 \$437,923 \$294,757 \$1,903,305 \$3,163,317 \$437,923 \$294,757 \$1,903,305 \$3,163,317 \$437,923 \$294,757 \$1,903,305 \$3,163,317 \$437,923 \$294,757 \$1,903,305 \$3,163,317 \$437,923 \$294,757 \$1,903,305 \$3,163,317 \$437,923 \$294,757 \$1,903,305 \$3,163,317 \$437,923 \$294,757 \$1,903,305 \$3,163,317 \$437,923 \$294,757 \$1,903,305 \$3,163,317 \$437,923 \$294,757 \$1,903,305	Anal Sidule dule risil in the sidule	sis peterminants Service Billing Determinants 2,007 65,126 16,206,563 Service 1,332 1,332	Proposed Rate \$43.07 \$6.49 \$0.0391548 Proposed Rate \$57.31 \$6.06	Annualized Revenues \$86,441 422,668 634,565 \$1,143,674 100,451 \$1,376,789 \$ 686 Annualized Revenues \$76,337 1,183,676 2,119,482 \$3,379,494 437,923 294,757		\$ Increase \$ 90	0.00% #DIVIOI 11.39% 6.02% 0.00% 0.0	2.419 39.18% 100.00% 100.00% 2.419 37.429 60.17%	39.669 55.409 100.009 100.009 5.226 6.35.00 6.62.72	6 6		\$0		
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Total Revenues \$6,035,198 \$6,035,198 \$0 0,00%	
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· · · · · · · · · · · · · · · · · · ·			Fleming												Ţ	
**************************************		for II	Billing A		sis eptember 30, 2006			· · · · · · · · · · · · · · · · · · ·		Request 3a 2 Attachment						andra de Colonia
								<u> </u>		Altachment Page 3 of 5						
	.,		Schedule Guardian	LIS Indu	5 B stries	***************************************	······································		.,,			v/s ************************************				imenou mituritari
			Rate L	5 6	8			· · · · · · · · · · · · · · · · · · ·	·····							
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ten en e	Billing Determinants	Current Rate	Annualized Revenues	-	Billing Determinants	Rale	Annualized Revenues		and from the best and the administration and the							
Dustomer Charge	12	\$1,069.00	\$12,828		12	\$1,069	\$12,828	S	0.00%	0,56%	0.51%					\$0
	400.000	05.00	C040 000			67 00	074 000	5000.00		00.460/	94.040/		\$228,000			
Demand Charge	120,000	\$5.39	\$646,800		120,000	\$7.29	874,800	\$228.00 \$		28.16%	34,64%		3220,000			
Energy Charge	53,077,372	\$0,03085	1,637,437		53,077,372	\$0.03085	1,637,437	S	0.00%	71.28%	64.85%			50	-	
Total Baseload Charges			\$2,297,065				\$2,525,085	\$228,00	9,93%							
* 1 -1 -1	and a strange limit of the section o		100,000				100,000									historium
Fuel adjustment Environmental surcharge			426,986 225,608				426,986 225,608	\$								
Total Revenues		**************************************	\$2,949,659				\$3,177,659	\$228,00	7.73%					ļ		mander of control
total total total													materials and the collection of the Political and the		***************************************	
Average Bill			\$ 245,805		- Landa - Library Christich	Section of the sectio	\$ 264,805	19,000.0	7.73%					I		
	<u> </u>														1	
		L	Fleming		son			1		ļ			Te monute and tour notice with the second	ļ		
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		L Jorn			eplember 30, 2006	3		1								
		Dennes and admired of Didenters on	Schedu • Dra		S 6					<u> </u>		*********	and to Constitute Advanciation as destinates from a	ļ		
			Rate		6									<u> </u>		
Advision notes and realizable		Existing				Proposed		\$ Increase	% Increase				and a discontinuous and	ļ		
		EXISTING				riupuseu		a mureasi	70 HRGESSE							
	Billing	Current	Annualized		Billing Determinants	Rate	Annualized					ļ				
	Determinants	Rate	Revenues		Determinants	Rate	Revenues				//-//					
Cuclomar Chama	12	\$0.00	\$0		12	\$0	\$0	S	D #DIV/01	0.00%	0.00%					\$0
Customer Charge								\$	0 #DIV/0I			and a familiar description of the last	to a serious de la companion d			
Demand Charge	201,396	\$5,39	\$1,085,524		201,396	\$7,29	1,468,177	\$362,65 \$		21.54%	27.08%	I w merawaran	\$382,662	ļ		
Energy Charge	128,158,165	\$0.03085	3,953,679		128,158,165	\$0.03085	3,953,679	S		78.48%	72.92%			\$0)	
Total Baseload Charges			\$5,039,204				\$5,421,856	\$382,65	2 7.59%					ļ		
								ind remarks to take industrial			and the second of the second o	16-restandario		1		
Fuet adjustment Environmental surcharge			1,048,782 502,944	-			1,048,782 502,944					<u> </u>				mod none
		1	l													and and a state of
Total Revenues	ļ	<u> </u>	\$6,590,930			-b-nm-h	\$6,973,582	\$382,65	2 5.81%	 						
Average Bill			\$ 549,244				\$ 581,132	31,887.7	0 5,81%			e de la marcadana de la calenda de la calend				
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			Fleming	-Ma	son		LI.									
		for t	Billing / he 12 months end	ina) ed S	ysis September 30, 200	6			***************************************							
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a facilitate de suide de estableche en la la la la de moi men es milles en milles en milles en moi men en men Maria de la		Existing				Proposed		\$ Increas	% Increase					1		
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	Determinants	Rate	Revenues		Determinants	Rate	Revenues	nar et sattant (santant et satta								
Consideration of the Constitution of the Const	 	 	 	-						1			1	<u> </u>		
Customer Charge	12	\$4,605.00	\$55,260	Į	12	\$4,605	\$55,260		0 0.00% 0 #DIV/0!	0.70%	0.66%					*
·	325,738	\$5.39	\$1,755,728	fann.	325,738	\$6.92	2,254,107	\$498,37	9 28.39%	22.26%	26.88%					
Demand Charge	220,486,205	T	I	ļ	220,486,205	\$0.02756	6,076,600		0 #DIV/01 0 0.00%	1				SI SI		
	EEV,400,200	30.02/3b		ļ.,	£60,400,200	\$0.02136			<u> </u>		12.40%	1				
Energy Charge Customer Adder	<u> L</u>		\$7,887,588	1	1	~~~;:::::::::::::::::::::::::::::::::::	\$8,385,967	\$498,37	9 6,329	6		ļ	Sancolor (1919) Sancolor (1919)			
Demand Charge Energy Charge Customer Adder Total Baseload Charges			\$7,007,000	1	Constant and ad Securitarian Constitution (ex-			1	1	1	1	1		one organizate diting 19 dai	101214310123	SW.
Energy Charge Customer Adder Total Baseload Charges Fuel adjustment				L			1,654,414		0.00%						Sippo	903
Energy Charge Customer Adder Total Baseload Charges Fuel adjustment			1,654,414 1,658,264				1,654,414 1,658,264		0 0.009				(Enterin			101054
Energy Charge Customer Adder				1			1,654,414 1,658,264 \$11,698,645		0 0.00%	•					Sirio	
Energy Charge Customer Adder Total Baseload Charges Fuel adjustment Environmental surcharge	and a decreased advantage depth of the CFA I have		1,654,414 1,658,264		Conservation and Conference Committee Conservation Conference Conf		1,658,264		0 0.00%	6		and a name of the state of	and the distribution of the state of the sta			

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	Billing	Current	Annualized		Billing		Annualized									
	Determinants	Rate	Revenues		Determinants	Rale	Revenues									
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Customer Charge	12	\$0.00	SO	-	12	80	\$0		\$0	#DIV/0I	0.00%	0.00%	*********		eymentendad.	\$0
STATE OF STA		30.00			14	90	20	-	\$0	#DIV/OI	0.00%	0.00.76	 			
Manager de Company and Company		64054	C4 705 070	 		000444	0.540.500				00.040	P7 P0P/	0.057000			
Demand Charge	4,394,11	\$419,51	\$1,765,378		4,394	\$604.44	2,543,599	ndun'	\$778,221	44.08%	20,64%	27.28%	0.957689	\$0		
			and the second s		etron etrostomostitomosta en entirentido de		********************	whow	\$0 \$0	#DIV/01						
Energy Charge	2,392,681.7	\$2.96396	\$6,788,794	ļ	2,392,682	\$2,96396	6,788,794	_	\$0	0.00%	79.35%	72.74%	0.957272		\$0	
		l		اا								a december of the last of the last of the last				
Total Baseload Charges			\$8,554,172	1			\$9,332,393		\$778,221	9.10%			i			
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Fuel adjustment			2,025,897	1			2,025,897	January 1	\$0	0.00%						111 121 101 101 101 101 101 101 101 101
Environmental surcharge		-	1,010,405	=max			1,010,405	****	\$0	0.00%						
Environmental stricinge		ļ	1,010,400		ana da selalaran da senanda pelangan		1,010,400				donadossolishardi selisawa	altelian is manificanced abaneous declaration	***********	~~~		
				-												
Total Revenues			\$11,590,474	Į			\$12,368,695		\$778,221	6.71%			ļ			
		l	<u> </u>	l									l			
Average Bill			\$ 965,873	<u>.</u>			\$ 1,030,725		64,851.73	5.71%						
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		-		†		Diti	\$3,559,108	Landon B	\$243,680	Inland El Load	Coir	Table of the same	bannamanno era			
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Termedicture of classes Andréas de Casalone de Casalone Andréas de Casalone de		T	T	1		DIII	\$2,282,508	Chubu				~~~	***************************************	Non-Dem		
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		1	Tanta de la constante de la co	1~				Atom			***************************************	Contract of Collection Contract Contrac	**************************************		Perts	Diff
	*****	1	1	1				W	VN months state of the state of	Mainman de de la companya de la comp	**************************************	Vertical and allower and with	Total Incr	2,282,508	2,282,508	(0)
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Request 3a 2 Attachment Page 5 of 5

Fleming-Mason Billing Analysis for the 12 months ended September 30, 2006

Street Lighting and Security Lights Outdoor Lighting

Sincrease % increase Present Proposed			4.37% 30.42% 30.76%	0.14%	58.20%	0.24%	2.41%	0.72%	0.41%	1.31%	0.02%	6.13%			
\$ Increase %			8,343	=======================================	8,965	17	367	166	51	307	60	1,955			
	Annualized	Revenues	199,163	877	374,016	1,512	15,481	4,706	2,601	8,500	164	40,384			
pesi		Rate	\$6.60	\$12.19	\$6.52	\$14.00	\$6.60	\$9.17	\$16.67	\$8.99	\$13.70	\$13.40			
Proposed	Total KWh		2,083,317												
	Billing	Determinants	30,193	72	57,398	108	2,347	513	156	945	12	3,014			
	Annualized	Revenues	\$190,819.76	\$866.16	\$365,051.28	\$1,494.72	\$15,114.68	\$4,540.05	\$2,550.60	\$8,193.15	\$156.60	\$38,428.50			
JG	Current	Rate	\$6.32	\$12.03	\$6.36	\$13.84	\$6.44	\$8.85	\$16.35	\$8.67	\$13.05	\$12.75			
Existing	Total kWh		2,083,317	2,808	2,238,522	4,212	91,533	41,553	12,636	76,545	1,944	488,268			
***************************************	Billing	Determinants	30,193	72	57,398	108	2,347	513	156	945	12	3,014			
<u></u>		KWh	99	39	39	39	33	8	₩	8	162	162			
			7000 LUMEN MERCURY VAPOR	20000 LUMEN MERCURY VAPOR	9500 LUMEN STANDARD HIGH PRESSURE SODI	9500 LUMEN ORNAMENTAL HPS	9500 LUMEN DIRECTIONAL HPS	22,000 LUMEN STANDARD HPS	22,000 LUMEN ORNAMENTAL HPS	22,000 LUMEN DIRECTIONAL HPS	50,000 LUMEN STANDARD HPS	50,000 LUMEN DIRECTIONAL HPS			

3.22%

20,190

647,405

5,041,338

94,758

\$627,215.50

94,758 5,041,338

Analysis of Wholesale to Retail Proportionality

M	Wholesale				Retail		
I Customer Charge	Existing	Proposed	Change		Existing	Existing Proposed	Change
Metering Point Charge Substation at less than 3 MVA	\$125/Mo. \$944/Mo.	\$125/Mo. \$944/Mo.	. i i	Residential Customer Charge Residential Customer Charge		\$6.26/ Mo \$6.26/ Mo \$ \$6.26/ Mo \$	1 1
II Demand Charge B&C Demand Charge (\$/kW)	\$5.39	\$7.29	\$1.90	Industrial Rate (\$/kW)	\$5.39	\$7.29	\$1.90
III Energy Charge The non-industrial wholesale increase was based on the dollar amount remaining to be recovered at wholesale, divided by kWh.	crease was ba	ased on the dollar ale, divided by kV	llar 7 kWh.	The non-industrial retail increase was based on the dollar amount remaining to be recovered at retail, divided by kWh.	se was based red at retail,	on the dollar divided by kV	h.