### RECEIVED

### GRANT. ROSE & PUMPHREY

ATTORNEYS-AT-LAW
51 SOUTH MAIN STREET
WINCHESTER, KENTUCKY 40391
(859)744-6828

MAR 2 1 2007

PUBLIC SERVICE COMMISSIONANT (1915-1977)

HAND DELIVERED

FAX (859) 744-6855

ROBERT LEE ROSE WILLIAM R. PUMPHREY BRIAN N. THOMAS

CHRISTOPHER M. DAVIS JOHN S. PUMPHREY

March 21, 2007

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

Re: PSC Case No. 2006-00476

Dear Ms. O'Donnell:

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

Very truly yours,

GRANT, ROSE & PUMPHREY

Robert Lee Rose

Attorneys for Clark Energy

Cooperative, Inc.

RLR:psr Enclosures

## COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

### In the Matter of:

APPLICATION OF CLARK ENERGY	)	
COOPERATIVE, INC. TO PASS-THROUGH AN	)	CASE NO.
INCREASE OF ITS WHOLESALE POWER	)	2006-00476
SUPPLIER PURSUANT TO KRS 278.455(2)	)	

RESPONSES TO COMMISSION STAFF'S FIRST DATA REQUEST TO CLARK ENERGY COOPERATIVE, INC.

DATED MARCH 12, 2007

### CLARK ENERGY COOPERATIVE, INC.

### PSC CASE NO. 2006-00476

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

Clark Energy Cooperative, Inc. ("Clark") 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.

		:
(		

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

**REQUEST 1** 

**RESPONSIBLE PERSON:** 

William A. Bosta

**COMPANY:** 

Clark Energy Cooperative, Inc.

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 Clark.

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 D, 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.

					•								•	
	Revertive	3443,237 1,520,035 1,520,035 3,388,943 1,1715,000 3,649,394 1,1715,000 3,649,394 1,1715,000 3,649,394 1,1715,000 3,649,394 1,1715,000 3,005 9,718,895 1,1710,067 3,005 9,005 9,718,895 1,710,067 3,005 9,005 9,718,895 1,710,067	34,663,347	8,693 3,201 31,344	43,237	1	Action of the control	395,265	155,420	20000 C	681,198	2.273,652	131,186	302,635
		Severance 5 38.227.143 16.548.628 17.887.075 38.523.314 12.223.216 19.223.216 19.223.216 19.223.216 19.825.22 24.428.401 11.634.634 11.634.634 11.436.176 11.436.176 11.436.176 11.436.176	392,164,092	82,014 27,539 277,869	382,819	Present	228832	4,415,198	1,806,138	204,5004, 0 0	8,307,482	26,620,634	1,449,037	3,420,921
	Proposed Total	Recentes 20,177,0429 20,177,042 20,177,04 42,072,159 44,354,279 28,597,009 28,597,009 28,597,009 12,731,709 12,731,709 12,416,072 12,446,24 24,503 11,311,118	426,827,439	Total Reventes 90,707 31,440 304,210	428,056	į	Formula 1,766,172 232,807 1,242,232 1,181,002 6,629,299	4,810,462	1,961,558	2,072,016	8,988,679	28,894,286	Total Sevente 1,580,222 2,143,394	3,723,816
	hergy-OFF	Recording (1,517,743 (1,517,744 (1,574,529 (1,574,529 (1,574,529 (1,571,529 (1,107,529 (	138,659,607	Energy-OFF Reservation 3-6-502 14-907 142-717	194,125		Energy Recenture 1,217,867 155,912 821,075 780,030 4,953,036	3,256,633	1,365,236	1,352,658	6,341,923	19,944,370	Emergy Revenue 1,077,026 1,797,345	2,874,370
	NO-VET	18,093,179 18,093,179 17,419,054 18,107,420 18,107,179 18,171,486 18,171,486 18,170,734 11,293,845 11,170,71 11,170,	76,574,684	Energy-ON E Revenue 43,013 14,011 141,281	198,305		Excess Dem Revenus 17,553 8223 8223 82,231 35,536 228,682	148,046	O	251,340	132,435	905,088	intert Excess Dem Reventite · 166 319,805	318,991
	, memery	Revenues Re 5171,757 (10,266,169 (13,1092 (14,2051)15 (14,2051)15 (14,2051)16	111,593,148	Demarid E Reventue 11,192 2,221 20,213	33,626		Demand 1 Revenue 520,712 68,672 338,485 375,435 1,747,581	1,404,783	236,322	468,018	2,514,321	8,044,828	Firm Demand Revenue 503,010	525,254
¢)i	Brid Hand	<u></u> ម៉ែ		XS.KW 5,407 1,073 9,462	15,942			<del></del>						
ste Revenu				9002 1,673 1,673	16,062		3,656 2,310 3,656 2,357 23,527	15,334		25,858	13,625	93,116	XS-KW 45 86668	88,713
- Base R		BILL-KWH 670,505,129 670,505,179 670,505,170 896,519,375 286,481,984 441,578,889 441,578,889 442,289,681 (102,884,1784 (102,884,1784 (102,884,1784 (102,884,1784 (102,884,1784 (102,884,1784 (102,884,1784 (102,884,1784 (103,884,	9,170,197,674	KWH-2 1,181,355 424,465 4,618,856	6,282,776		8111, 40WH 44,568,693 5,705,834 30,048,506 28,546,395 170,284,930	119,181,435	49,962,903	49,502,574	232,092,348	729,894,618	262317486 262317486 162317484 1623174844	105,191,985
Billing Units - Base Rate Revenue		1,006,000 1,006,000 1,006,000 1,007,000 1,000	-	XWH-1 1,118,258 3,672,093	5,155,598		BILL-KW 74,610 10,266 54,860 55,136 283,250	208,034	81,800	90'058	358,525	1,198,659	BILL -KW 69048 90268	159,313
O)	·	KWHŁŁ 208.16.577 208.16.466 199.290,364 44.665,886 139.30,277 223.109.885 277,477,189 277,477,189 278,478 278,478 278,469 278,569 472,560 472,560 477,360,560	4,487,656,391	CMTR-KW 0 0 0 0 120 120	120		CMTR.KOM 72,800 9,420 46,500 51,500 239,723	192,700	81,800	64,200	344,900	1,103,543	CATR-KW 69000 69000	72,600
0.00378	8.82 0.0314 0.030898	KWH-1 470,392,552 222,403,400 210,787,746 622,664,47 146,154,697 223,503,522 223,503,503 223,503,503 223,503,603 223,503,603 223,715,591 124,693,87 34,693,87 124,693,87 124,693,87 124,693,87 124,693,87 124,693,87 124,693,87 124,693,87 124,693,87 124,693,87 124,693,87 124,693,87 124,693,703 124,693	4,682,541,283	0									0	•
*	E-2 5.22 0.038464 0.030898	8,4 m m m m m m m m m m m m m m m m m m m	ł	5.22 2.07- 3.028464 0.030898 NAME RC Godar Like 1E3 Magnolia Co E3 Chepfin E3	•	7.29 9.72 • 0.027325	2, GROUP 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	æ	æ			ı	7.29 3.69 4.14 0.027325 NAME PIO LIJY TOTH OHBD	
Demand Energy i	Rate E Demand Eng-ON Eng-OFF	#		Rate E - Interr		Rate B Demand Excess D Energy	# COOP			2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		m	Rate B - International Primary Demand International Command International Primary COOP # 121	5

,	Present Total Revenue Revenue Adjustrant	40 00 11		105,623 11,400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 604.486 55.049	*;		Present Total Revenue	10			1,473,864 98,306 3,485,337 247,478 4,550,800 345,7773				30,870,772 2,971,785	1			4,081,085 0,602,982 0,602,982	9,663,647 0
	Total Revenue	805,315 800,711 1,784,928	2,517,318	117,223 0 7,295,238 3,494,417	659,535	17,474,683		Total	7,889,734			Total Revenue 1,572,169 3,733,414 5,305,563				Total Revenue 33,842,557	33,842,557			Total Revenue 4,067,065 5,602,582	9,663,647
	Energy Revenue	573,493 535,880 1,163,643	1,731,325	73,483 0 4,952,261 2,290,437	448,322	11,788,844		Energy	5,635,627			Energy Revenue 1,127,545 2,614,104 3,741,649	•			Revenue 17,817,063	5 17,817,063			Energy Revenue 3,779,534 5,077,582	8,857,116
•	Demand Revenue	231,822 264,831 671,283	785,993	43,740 0 2,342,977 1,203,980	211,213	5,705,839		Demand	2,254,107		-	Dernamd Revenue 444,624 1,119,310 1,563,934				Demand Energy-CN Revenue Revenue 7,385,687 8,838,806	7,386,697   8,838,806			Demand Energy-ON Revenue 281,531 525,000	808,531
										•					er en	Interr Chg **	<u></u>			TOT\$ BILL-KWH 4061065 67155402 80570870 90573647 15770777	
		0.0-	ov in		. 1				220,486,205			BILL-KWH 44,113,866 102,273,245 146,385,911				1,034,355,652				Sum of FACS T	
	HWY-THIS		2.689.215	μw	16,407,017	430,698,767			8111.KW 325.738			811.45W 84.252 161.750 228,002				BILL-KW 1,942,343	180,000 1,440,000 322,343	1,942,343		BILL-KW Sum of FAC\$ 150875 0 300000 0	
	MX-TIIB .	31,800 36,328 85,224	107,818	327,396 165,155	28,973	782,694	v		R_GROUP C			R GROUP				KWIH-2 504 714,588,148	Firm 10 min interr 90 min interr			KWH-2 734 36421688 542 47739328 776 84180998	155726272
Demenc 7.29	197 0.02 2P R_GR(			000	υ	Ų	tainer		P NAME R/C Inland Conta CM		nd 6.92 y 0,02556	NAME R/C AGC Authorns BD AGC Authorns CM AGC			м 6.92 3.32 4.22 N 8.02765 FF 0.02465	R_GROUP KWH-1 G 319,667,504			Demand 1.75 Eng-ON cate Eng-OFF cate	R_GROUP KWH-1 30733734 H 40831642 7756276	6.00073823 0.02450058
Rate C	Erengy # COOP 21	30 77 23	4 2 2 2 2 2	დ~∞ 56.83.82 56.83.83 56.83	\$ \$ \$ \$	Total C	Inland Container		# 1.52 1.52	AGC	Demand	# COOP 1 1 51 / 2 51 / Total AGC		Gallatin	Domend Int-10 Int-90 Eng-ON Eng-OFF	# COOP		TGP	Deman Eng-Op Eng-Op	# COOP 1 23 2 53	Inland Steam equiv Demand 5.00073823 equiv Energy 0.02450058

### EXHIBIT I Page 5 of 7

778 274			Revenue Aclustment	,c	. 0	0 (	<b>&gt;</b> c	9 60	. 6	0 (	<b>&gt;</b> 0	<b>,</b>	٥	o	۰.	<b>,</b>	o é	6	ć	٥٥	43,364,220
			Total F	886.692	439,596	447,336	413.076	428.336	355,980	813,860	474 420	1.197.228	325,248	517,548	268,296	410 676	1,162,992	10,219,764	426.000	7,500	510,669,030 42
Total Revenue 9.332.384			Total LC Reventes	888,692	439,596	447,336	413.076	426,336	955,980	613,860	674 120	1,197,228	325,248	517,548	268,296	410.676	1,162,982	10,219,764	426.000	7,500	554,033,251
Dem Energy   Revenue   Revenue   2,543,530   6,788,794																	Accounts		Metering	5 Metering Point only	140,461,551 186,838,874 216,081,567
			Revenue	886,692	439,586	891.868	413,076	426,336	955,980	689.112	474,120	1,197,228	325,248	517,048	268,236	410,676	1,162,992	10,218,764	426,000	7,500	10,653,264
277,090,529 btu-Energy 2392661.7			4805	54	7	ž Š	*	5	<b>8</b> :	ŧ &	8	â	,	*			28	168	Medering	Point only	
508,649 277,090,529 Mbn-Demend Mbts-Energy 4394.11 2392651,7			2855	823	<b>7</b> 5	20	8	120	B t	4	108	312	¥ 5	į	£	35	822	2364	Med	Met	
converted			2373	\$	<b>t</b> i 6	! <b>%</b>	‡	4	144	8		8	<b>8</b> 8	8 \$	Ä	Ľ	8	2840			
	ized	125	3964	22					42	!							12	36			
16.9* 105 men 39014 \$ Mbtu 193y 58594 \$ Mbtu	ad Center - Normalized	Meter≭	= DT = COOD	i n	# F	in	8	<b>3</b>	Š 5	51	23	3	8 t2		8 8	81	25				

	Rate Adj	3,716,181	1,707,457	1,723,542	3.855.585	1.587.914	1919.854	7 188 402	4 570 043	7 0 2 0 0	710'0'0'7	10000	4,457,060	1,037,116	1.971.896	1.010.057	30,005	1 012 744	100	43,364,220
	Present	42,526,334	24,028,185	20,221,967	42,364,688	18.871.430	21,777,590	78 057 504	10 545 505	34 676 700	050,000,10	201	51,840,182	12,034,882	22 673 225	11,716,472	314.498	11 800 DBB	23 200 670	510,669,030
	Proposed F	46,242,515	25,735,642	21,945,509	46,020,253	20.459.344	23,697,444	785 141 187	71 305 317	24 554 403	20,0110,00	1000000	56.237.242	13,071,998	24,645,121	12,728,538	344,503	17 9(7) 879	SE 823 m3	554,033,251
	Metering Only					1500			3000		1500	200	1900							7,500
	Metering	8	19,500	18,000	40,500	16,500	18,000	34.500	30,000	27,000	28,50	70.07	20.24	15,000	22,500	12,000	0	19.500	AR SOO	426,000
	Load Carder	888.692	439,596	447,336	991,668	413,076	426,336	355,980	613.860	689.112	121 727	4 403 770	37.750	772,748	517,548	268,298	0	410,676	1 167 992	10,219,764
	AGC									5.305.583										5,305,583
			4,061,065								5,672,592									9,663,547
	Gallatin							33,842,557												33,842,557
	nland Steam										9,332,384		-							9,322,384
	Inland Container Inland Steam										7,889,734									7,889,734
ystem	벙	0	C CCCS	800,71	1,784,926	5	2,517,318	0	117,223		7,295,238	3,494,417		> 1	9	0	0	659,536	0	17,474,683
y Member S	m	3,345,394	177'00'	7,242,732	1,191,002	6,629,299	<b>-</b>	6,953,856	0	1,981,558	6	2072.016		•	0	0	0	0	8,988,679	32,617,902
Grand Total Revenue by Member System	us;	47,970,429	705, 11, 25	13,437,170	42,012,158	13,296,908	20,735,790	44,354,295	20,561,234	26,628,149	20,429,813	49,482,581	12 721 751	200 000	C4, 105,073	12,446,242	344,503	11,813,118	46,624,862	427,253,496
Grand T	4000	Ç \$	3 8	, r	~ E	3 3	\$ 1	37	49	2	ផ	\$	¥	3 1	ñ	<b>8</b> 1	£	£4	<b>Æ</b>	

### Clark Energy

### Billing Analysis

### for the 12 month ending September 30, 2006

	Total Present	Total		
	Annualized	Proposed		
	Revenues	Revenues	\$ Increase	% Increase
Schedule R	\$26,439,864	\$27,654,261	\$1,214,397	4.59%
Schedule R-TOD	\$0	\$0	\$0	0.00%
Schedule D	\$97,870	\$105,205	\$7,336	7.50%
Schedule T	\$101,126	\$106,250	\$5,125	5.07%
Schedule S	\$681,288	\$709,903	\$28,615	4.20%
Schedule E	\$354,122	\$368,997	\$14,875	4.20%
Schedule A	\$1,458,733	\$1,511,886	\$53,154	3.64%
Schedule B	\$1,238,086	\$1,288,265	\$50,180	4.05%
Schedule L	\$4,646,916	\$4,864,583	\$217,667	4.68%
Schedule P	\$669,594	\$705,970	\$36,376	5.43%
Schedule H	\$0	\$0	\$0	0.00%
Schedule G	\$0	\$0	\$0	0.00%
Schedule M	\$782,047	\$823,965	\$41,917	5.36%
Schedule J	\$137,184	\$147,356	\$10,171	7.41%
Total - All Rate Classes	\$36,606,830	\$38,286,642	\$1,679,812	4.59%

МОИТН		Oct-05				Nov-05				Dec-05			Attachment Page 2 of 8	
		RATE #	# BILLINGS K	CWH USED	REVENUE	RATE	# BILLINGS K	.WH USED	REVENUE	RATE (	# BILLINGS	KWH USED	REVENUE	
RATE R Customer CE All KWH FUEL	aarge	\$5,35 0.06783	23,489 2	20,390,661	\$111,278	\$5.35 0.06783		19,347,423	\$228,379	5.35 0.06783		31,206,550	\$125,762 \$2,116,401 \$344,730 \$172,524	
ESC TOTAL REV		RATE #	# BILLINGS K	KWH USED	\$125,236 \$1,745,435 REVENUE	RATE	# BILLINGS K	CWH USED	\$118,142 \$1,784,751 REVENUE	RATE	# BILLINGS	KWH USED	\$2,759,417	
RATE D ALL ENERG FUEL		0.04389	235	10,675	\$454 \$58	0.04389	237	109,322	\$4,798 \$1,290	0.04389	234	320,235	\$14,055 \$3,538	
ESC TOTAL RE	VENUE	RATE #	# BILLINGS K	KWH USEC	\$2 \$514	RATE	# BILLINGS K	CWH USED	\$5 \$6,093 REVENUE	RATE	# BILLINGS	KWH USED	\$7 \$17,600 REVENUE	
RATE E Cusiómer Cl All KWH	harge	\$5.40 0.07522		0 287,603	\$1,566	\$5.40 0.07522	>	221,945	\$1,582 \$16,717	5,4	ŀ	329,341	\$1,593 \$24,794	
FUEL ESC TOTAL RE	ACTURATE IN	Vivia		40 to + y -	\$1,569 \$1,976 \$26,766				\$2,619 \$1,553 \$22,472				\$3,639 \$2,055 \$32,081	
RATE A		RATE   5.27	# BILLINGS K 1,474	(WH USED		RATE 5.27	# BILLINGS K 1,489	.WH USED		RATE 5.27	# BILLINGS 1,493	KWH USED		
Customer Ci All KWH FUEL FSC	narge	0.08793		1,100,205		0.08793		932,801	\$82,748 \$11,009 \$6,732	0.08793		1,097,296		
ESC TOTAL RE	VENUE	RATE	# BILLINGS K	KWH USEC	\$118,208	RATE	# BILLINGS K	KWH USED	\$107,441	RATE	# BILLINGS	KWH USED	\$123,679	
Customer C	- OVER 10 KW Charge	5.4 4.83 0.66912		* *49 066	\$14,115 \$816 \$79,354	5,4 4,83 0.06912	3	966,073	\$14,576 \$811 \$66,775	4.83	3	922,782	\$13,712 \$778 \$63,783	
All KWH FUEL ESC		0,06912		226 998	\$6,264 \$8,241	0.007.2	100	700,0	\$11,402 \$6,974 \$100,538		218,350	\$218,339	\$10,195 \$6,192	
RATE L			226,998 # BILLINGS F	226,998 KWH USED	D REVENUE		# BILLINGS K	(WH USED		RATE	# BILLINGS		\$94,000 D REVENUE \$98,013	
DEMAND All KWH FUEL ESC		5,4 0.05126		4,929,126	\$104,479 \$255,745 \$26,893 \$29,166	0.05126		4,645,898		0,05126		4,469,431		. '
ESC TOTAL RE	SVENUE	RATE	# BILLINGS I	KWH USEF	\$416,283		# BILLINGS F	KWH USED	\$426,048	3	# BILLINGS	KWH USED	S404,827 D REVENUE	
RATE P DEMAND All KWH FUEL		5,4 0.04312		801,600	\$12,531 0 \$34,565 \$4,374	0.04312		774,300	\$12,606 \$33,388 \$9,138	0.04312		793,700	\$15,400 \$34,224 \$8,769	
FUEL ESC TOTAL RE	EVENUE	RATE	" on I INGS	rand (ISE.	\$4,374 \$3,867 \$55,337 D REVENUE		# BILLINGS F	vwh Uset	\$3,795 \$58,927	7	# BILLINGS	KWH USEI	\$3,786 \$62,179 D REVENUE	i •
RATE I DEMAND All KWH		5,8 0.03598	8	. KWH USED	\$0	5.8	.8	0	SO	5,8	8	0	\$0	)
All KWH FUEL ESC		ەردوقان		٠	0 S0 S0 S0	)	•		\$0 \$0 \$0 \$0	0 0			\$0 \$0 \$0	) )
TOTAL RI			# BILLINGS	KWH USEC	D REVENUE	RATE	# BILLINGS I	KWH USED		RATE		KWH USED		
DEMAND All KWH FUEL		\$8.23 0.04702		868,515	\$12,515 5 \$40,838 \$4,739 \$4,362	0.04702		827,672		7 0.04702 8		858,628		3 5
ESC TOTAL RI			# BILLINGS	KWH USE	\$62,454	1	# BILLINGS	KWH USET	\$65,107	7	# BILLINGS	KWH USEI	\$66,188 D REVENUE	В
		PER MONTH \$6.00		596,190	0 \$51,102 \$3,232	\$6.00		595,560	) \$50,841 \$7,072	] \$6.00		597,660	0 \$51,755 \$6,581	
FUEL ESC TOTAL R	ŒVENUE	9.75	" DIT I INICI	. wwn 1161	53,232 \$592 \$54,926 D REVENUE	2	# BILLINGS	· KANN USE	\$841 \$58,754	4	# BILLINGS	KWH USE	\$99 \$58,435 D REVENUE	9 5
RATE T 200 WAT	ΓŤ	RATE PER MONTH 5.51 7.10	ዝ 1	c	0 0	PER MONTI 5.51 7.10	TH 51	0 0	9	PER MONTI 5.51 7.10	rH 1	0	<b>o</b>	
300 WAT 400 WAT FUEL		10.68				2 10.68 6				61 10.68 64				6
	REVENUE		# BILLING!	KWH USE	\$8,156 SD REVENUE \$134,813	6	# BILLINGS	KWH USE	\$8,864 D REVENUE \$134,722	54 E	# BILLINGS	KWH USE	\$8,802 ED REVENUE \$135,158	<u>2</u> B
Customer DEMANE All KWH FUEL ESC	D		34,971	30,238,28	143,639	7	34,800	28,527,100	141,758 0 1,855,857 336,762 \$169,895	8 7 2 95	34,899	40,702,191	139,426 91 2,682,879 449,614 \$220,791	5 <del>9</del> 4 11
	REVENUE				\$2,596,869				\$2,638,994	İ			\$3,627,869	

											F	Request 1b
1				1								Machment
									Mar-06		I	Page 3 of 8
MONTH	Jan-06				Feb-06				War-00			
								1				
								D ET 1923 14 TET	DATE	# BILLINGS KY	ma Heer	DEVENISE
	RATE 1	# BILLINGS I	CWH USED	REVENUE	RATE	# BILLINGS	KWH USED	REVENUE	RATE	# BILLINGS K	WH USED	REVENUE
RATE R Customer Charge	5.35			\$126,100	5.35			\$126,078	5.35			\$125,944
All KWH	0.06783	23,590	34,716,104		0.06783	23,589	30,668,454		0,06783	23,563 2	9,925,612	\$2,029,772
FUEL				\$334,182				\$138,180				\$330,866 \$136,149
ESC				\$213,775 \$3,028,416				\$93,511 \$2,438,470				\$2,622,732
TOTAL REVENUE	RATE	# BILLINGS !	KWH USED		RATE	# BILLINGS	KWH USED		RATE	# BILLINGS K	WH USED	REVENUE
RATE D												014700
ALL ENERGY	0.04389	233	373,243	\$16,382	0.04389	236	336,088	\$14,751 \$1,515	0.04389	236	336,935	\$14,788 \$3,725
FUEL ESC				\$3,593 \$7				\$3				\$5
TOTAL REVENUE				\$19,982				\$16,269				\$18,518
	RATE	# BILLINGS	kwh used	REVENUE	RATE	# BILLINGS	KWH USED	REVENUE	RATE	# BILLINGS K	WH USED	REVENUE
RATEE				\$1,588	5,4			\$1,582	5.4			\$1,577
Customer Charge All KWH	5,4 0,07522	296	367,735	\$27,684	0.07522	295	331,303	\$24,939	0.07522	294	318,321	\$23,961
FUEL	3.012.00		,	\$3,540				\$1,493				\$3,519
ESC				\$2,550				\$1,155	•			\$1,637 \$30,694
TOTAL REVENUE	n . 400	# BILLINGS	MANUTA LIGHT	\$35,361	RATE	# BILLINGS	KWH USED	\$29,170	RATE	# BILLINGS K	WH USED	
RATE A	RATE	1,505	KWH OSED	KEVENUE	MAID	1,497		10.70.10		1,505		
Customer Charge	5.27	.,		\$7,104	5.27			\$7,662	5.27			\$7,099
All KWH	0.08793	1,359	1,187,686	\$105,091	0.08793	1,352	1,110,457	\$98,269 \$5,005	0.08793	1,359	1,089,386	\$96,529 \$12,044
FUEL				\$11,433 \$8,786				\$4,130				\$5,968
ESC TOTAL REVENUE				\$132,414				\$114,466				\$121,640
107710101	RATE	# BILLINGS	KWH USED	REVENUE	RATE	# BILLINGS	KWH USED	REVENUE	RATE	# BILLINGS K	WH USED	REVENUE
RATE B				512.046	5.4			\$11,970	5.4			\$13,028
DEMAND - OVER 10 KW Customer Charge	5.4 4.83			\$13,046 \$758	4.83			\$753	4.83			\$758
All KWH	0.06912	146	1,083,208	\$74,871	0.06912		978,673	\$67,646	0.06912	146	957,403	\$66,176
FUEL				\$10,427				\$4,411				\$10,585 \$5,246
ESC		. 000 526	· enno eno	\$8,014 . \$107,116		: 202.887	\$202,887	\$3,641 \$88,421		217,433	\$217.433	\$95,793
TOTAL REVENUE	RATE	# BILLINGS	\$239,530 KWH USED		RATE		KWH USED		RATE	# BILLINGS F		
RATE L	14170	2,221,103										***
DEMAND	5.4			\$89,081	5.4		4 3 4 0 6 7 7 9	\$74,672	5.4		3,998,184	\$79,077 \$210,190
AllKWH	0.05126	113	4,681,023	\$244,162 \$45,060	0.05126	. 114	4,119,572	\$216,169 \$18,567	0.05126	117	3,370,204	\$44,204
FUEL. ESC				\$26,264				\$12,112				\$17,807
TOTAL REVENUE				\$404,567				\$321,520				\$351,278
	RATE	# BILLINGS	KWH USED	REVENUE	RATE	# BILLINGS	KWH USED	REVENUE	RATE	# BILLINGS I	CWH USED	REVENUE
RATEP	5.4			\$9,282	5.4			\$14,014	5.4	,		\$15,186
DEMAND All KWH	0.04312	. 3	791,900	\$34,147	0.04312		1,035,000		0.04312	3	1,001,000	
FUEL				\$7,623				\$4,665				\$11,067 \$3,700
ESC				\$5,564 \$56,616				\$2,432 \$65,739				\$73,117
TOTAL REVENUE	RATE	# BILLINGS	KWH USEE	REVENUE	RATE	# BILLING	S KWH USET	REVENUE	RATE	# BILLINGS I	KWH USEL	
RATEI										_		•
DEMAND	5.8			\$0	5.1			S0 50	5.8 0.03598		0	\$0 \$0
All KWH	0.03598	ı	a	\$0 \$0	0.0359	5	0	\$0 \$0	0.03390	•	•	So So
FUEL ESC				\$0				SO				\$0
TOTAL REVENUE				\$0.				\$0				\$0
	RATÉ	# BILLINGS	S KWH USEI	REVENUE	RATE	# BILLING	S KWH USEI	REVENUE	RATE	# BILLINGS	KWH USEI	) REVENUE
RATE M DEMAND	8.23	ı		\$12,373	8.2	3		\$12,633	8.2	3		\$13,273
All KWH	0,04702		955,797	\$44,942	0.0470		825,499	\$38,815	0,0470		720,146	
FUEL				\$9,201				\$3,721				\$7,962 \$2,931
ESC TOTAL DEVENUE				\$4,915 \$71,430				\$2,152 \$57,320				S58,028
TOTAL REVENUE	RATE	# BILLING	S KWH USEI	REVENUE	RATE	# BILLING	S KWH USEI	REVENUE		# BILLINGS	KWH USEI	D REVENUE
RATES	PER MONTI	H			PER MONT					•		
175 WATT	\$6.00			201 701	\$6.0		3 598,360	\$51,209	\$6.0	0 8,509	595,630	S51,411
TOTAL BASIC RATES	1	8,528	596,960	\$51,771 \$5,716		8,541	3 390,300	\$2,731	1	0,000	323,00	\$6,557
FUEL ESC				\$37				S594				\$235
TOTAL REVENUE				\$57,524			A 2011/05 414:-	\$54,533	0	a ms + 15000	enin i ee	\$58,203 D REVENUE
D 1 270 27	RATE		S KWH USE	D REVENUE	RATE PER MONT		5 KWH USE	D REVENUE	PER MONT		NWII USE	D VEARINGE
RATE T 200 WATT	PER MONT			)	PER MON I			)	5.51			0
300 WATT	7.10		4	)	7.10	)	4	0	7.10			0
400 WATT	10.68		105,33			8 69	6 107,18			8 701	107,95	4 \$7,638 \$1,192
FUEL	1			\$1,015 \$7				\$480 \$104				\$1,192 \$43
ESC TOTAL REVENUE				\$8,592				\$8,044				\$8,872
LO LOW TENTOS	-	# BILLING	S KWH USE	D REVENUE	1	# BILLINC	S KWH USE	D REVENUE		# BILLINGS	KWH USE	D REVENUE
Customer Charge				\$135,549				\$135,475 113,290				\$135,378 120,565
DEMAND All.KWH		3A 95	3 44,858,99	123,782 2 2,960,979		34.97	9 40,110,59			34,927	39,050,57	
FUEL		2-4,23.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	431,788	1	,,,	,- •	180,767				431,721
ESC				\$269,918				\$119,833				\$173,722 \$3,438,876
TOTAL REVENUE	1			\$3,922,016	1			\$3,193,952	-			22,420,070
	1				I				:			

, e													Request 1b		
	монтн	Apr-06				May-06			***************************************	Jun-06			Attachment Page 4 of 8		
		RATE	# BILLINGS K	WH USED	REVENUE	RATE	# BILLINGS I	(WH USED	REVENUE	RATE ·	# BILLINGS K	WH USED	REVENUE		
	RATE R Customer Charge All KWH	5.35 0.06783	23,678	24,380,206		5.35 0.06783	23,642	18,038,128		5.35 0.06783	23,664	19,556,314	\$126,437 \$1,327,148		+1
	FUEL ESC TOTAL REVENUE				\$220,126 \$120,735 \$2,121,136				\$134,892 \$94,187 \$1,578,869				\$165,536 \$98,803 \$1,717,924		
	RATE D	RATE	# BILLINGS K			RATE	# BILLINGS I	(WH USED	REVENUE		# BILLINGS K				
	ALL ENERGY FUEL ESC	0.04389	236	242,728	\$10,653 \$2,192 \$0	0.04389	235	76,426	\$3,354 \$572 \$3	0,04389	238	32,635	\$1,432 \$276 \$3		
	TOTAL REVENUE RATE E	RATE	# BILLINGS K	.WH USED	\$12,845 REVENUE	RATE	# BILLINGS I	KWH USED	\$3,928 REVENUE	RATE	# BILLINGS K	WH USED	\$1,712 REVENUE		
	Customer Charge All KWH FUEL ESC	5.4 0.07\$22	297	265,547	\$1,593 \$19,991 \$2,398 \$1,497	5,4 0,07522	294	219,792	\$1,577 \$16,544 \$1,644 \$1,309	5.4 0.07522	288	250,489	\$1,539 \$18,864 \$2,120 \$1,462		
•	TOTAL REVENUE	RATE	# BILLINGS K 1,509	WH USED	\$25,479	RATE	# BILLINGS I	KWH USED	\$21,074	RATE	# BILLINGS R	(WH USED	\$23,985		
	Customer Charge All KWH FUEL	5.27 0.08793		1,044,745	\$7,072 \$92,542 \$9,433	5.27 0.08793		1,020,857	\$7,062 \$90,352 \$7,635	5,27 0.08793		1,032,059	\$7,025 \$91,304 \$8,736		
	ESC TOTAL REVENUE	RATE	# BILLINGS K	WH USED	\$6,184 \$115,231 REVENUE	RATE	# BILLINGS	KWH USED	\$6,299 \$111,347 REVENUE	RATE	# BILLINGS R	(WH USED	\$6,221 \$113,285 REVENUE		
÷	RATE B  DEMAND - OVER 10 KW  Customer Charge  All KWH  FUEL	5.4 4.83 0.06912	155	966,253	\$13,393 \$807 \$66,800 \$8,724	5.4 4.83 0.06912		911829	\$14,657 \$825 \$63,026 \$6,820	5.4 4.83 0.06912	165	987483	\$15,449 \$860 \$68,255 \$8,358		
	ESC TOTAL REVENUE	RATE	# BILLINGS k	(WH USED	\$5,720 \$95,444	RATE	202,304	\$202,304 KWH USED	\$5,628 \$90,956 REVENUE	RATE	212,163 # BILLINGS F	\$212,163 KWH USED	\$5,955 \$98,877 REVENUE		
	RATE L DEMAND All KWH FUEL	5.4 0.05126	114	4,266,819	\$38,525	5.4 0.05126		4,154,927	\$31,075	0.05126	114	4,250,433	\$92,639 \$221,869 \$35,969 \$20,926		
	ESC TOTAL REVENUE RATE P	RATE	# BILLINGS F	(WH USED	\$20,186 \$365,207 REVENUE	RATE		KWH USED	\$20,580 \$356,210 REVENUE	RATE	# BILLINGS I	KWH USEC	\$371,403		
	DEMAND All KWH FUEL ESC	5.4 0,04312		1,142,400	\$15,502 \$49,260 \$10,315 \$4,385	0.04312		509,500	\$10,028 \$21,970 \$3,811 \$2,194		2	504,700	\$10,403 \$21,763 \$4,272 \$2,175		
	TOTAL REVENUE	RATE	# BILLINGS I	CWH USED	\$79,462	1		KWH USED	\$38,003 REVENUE		# BILLINGS I	KWH USEE	\$38,612 REVENUE		
	RATE I DEMAND AII KWH FUEL ESC	5.8 0.03\$98		0	\$0 \$0 \$0 \$0	0.03598		443519	\$5,754 \$16,004 \$3,317 \$1,533	0.03598		464782	\$5,771 \$16,751 \$3,934 \$1,576		
	TOTAL REVENUE	RATE	# BILLINGS 1	CWH USED	SO			KWH USED	\$26,608 REVENUE		# BILLINGS	KWH USET	\$28,032		
	RATE M DEMAND AII KWH FUEL	8.23 0.04702		993,031	\$8,966	0.04702		951,880	\$7,119	0.04702		1,009,918	\$8,548		
	ESC TOTAL REVENUE RATE S	RATE PER MONTI	# BILLINGS I	KWH USED	\$3,998 \$72,574 REVENUE	·		KWH USED	\$3,942 \$68,451 REVENUE		# BILLINGS	KWH USEI	\$4,096 \$72,929 REVENUE		
	175 WATT TOTAL BASIC RATES FUEL	\$6.00		600,320	\$5,405	\$6.00		602,140	\$4,473	\$6.00		598,976	\$5,050		
	ESC TOTAL REVENUE	RATE	# BILLINGS	KWH USED	50 \$57,482 REVENUE	RATE	# BILLINGS	KWH USEE	\$227 \$56,712 REVENUE	RATE	# BILLINGS	KWH USEI	\$867 \$57,019 D REVENUE		
	RATE T 200 WATT	PER MONT	i	0		PER MONTE 5.51		0		PER MONTE 5.51		C C			
	300 WATT 400 WATT FUEL ESC	7,10	702	0 108,108		5		0 108,416		)		108,416			
	TOTAL REVENUE		# BILLINGS	KWH USED	\$8,680		# BILLINGS	\$0.00 KWH USEL		<u> </u>	# BILLINGS	KWH USEI	S8,644 D REVENUE		
	Customer Charge DEMAND All KWH			34,010,157	\$136,262 124,979 2,222,533			27,037,414	\$135,820 131,117 1,755,653			28,796,20	\$135,860 137,062 1,873,546		
	FUEL ESC TOTAL REVENUE				307,059 \$162,706 \$2,953,540	5			202,165 \$135,945 \$2,360,700	5			243,714 \$142,241 \$2,532,423		

Request 1b	
Attachment	

. 1				1				1								Attac
ONTH	Jul-06				Aug-06				Sep-06			Т	OTALS			Page
***	RATE	# BILLINGS K	wh USED	REVENUE	RATE #	# BILLINGS K	WH USED	REVENUE	RATE	# BILLINGS K	WH USED	REVENUE	RATE	# BILLINGS	KWH USED	REVE
ATE R ustomer Charge II KWH	5.35 0.06783	23,727 2	2,934,358	\$126,827 \$1,555,669	5,35 0.06783	23,725 2	9,537,005	\$126,806 \$2,005,290 \$224,070	5.35 0.06783	23,801	24,863,588	\$127,191 \$1,686,768 \$95,294	5.35 0.06783	283,455	305,564,403	1,51: 20,72: 2,55:
UEL SC OTAL REVENUE	D A TE	# BILLINGS K	110 LICED	\$228,893 \$128,418 \$2,039,806	RATE I	r BILLINGS K	CREET	\$168,544 \$2,524,710	RATE	# BILLINGS K	WH USED	\$170,497 \$2,079,749	RATE	# BILLINGS	Kwh used	1,644 26,44 REVE
ATE D LL ENERGY UEL	0.04389	# BILLINGS K	4,359	\$193 S44	0.04389	228	2,070	\$91 \$16	0.04389	236	1,079	\$47 \$4	0.04389	2,819	1,845,795	8
SC OTAL REVENUE	RATE	# BILLINGS K	WH USED	\$0 \$236 REVENUE	RATE	# BILLINGS K	WH USED	SO S107 REVENUE	RATE	# BILLINGS K	WH USED	\$0 \$52 REVENUE	RATE	# BILLINGS	KWH USED	9 REVI
ATE E Justomer Charge	5.4 0.07522	290	342,847	\$1,550 \$25,695 \$3,422	5.4 0.07522	288	441,790	\$1,539 \$33,325 \$3,348	5.4 0.07522	290	365,989	\$1,550 \$27,530 \$1,403	5.4 0.07522	3,516	3,742,702	1 28 3
UEL SC OTAL REVENUE	RATE	# BILLINGS K	WH USED	\$2,218 \$32,885	rate	# BILLINGS K	WH USED	\$2,684 \$40,897	RATE	# BILLINGS F	WH USED	\$2,797 \$33,280	RATE	# BILLINGS	KWH USED	2 35
ATE A Customer Charge LLKWH	5.27 0,08793	1,523 1,361	1,138,139	\$7,104 \$100,825	5.27 0.08793	1,515	1,365,056	\$7,057 \$120,732 \$10,355	5.27 0.08793	1,525	1,255,722	\$7,130 \$111,146 \$4,813	5.27 0.08793	16,350	13,374,409	1,18 16
UEL SC OTAL REVENUE	RATE	# BILLINGS K	WH USED	\$11,362 \$7,504 \$126,794 REVENUE	RATE	# BILLINGS K	WH USED	\$9,253 \$147,397	RATE	# BILLINGS F	CWH USED	\$10,268 \$133,357	RATE	# BILLINGS	KWH USED	1,40
ATE B DEMAND - OVER 10 KW Justomer Charge	5.4 4.83	163	1 120 701	\$15,225 \$841 \$78,150	5.4 4.83 0.06912	162	1,283,524	\$15,785 \$840 \$88,728	5.4 4.83 0.06912	161	1289998	\$15,954 \$836 \$89,165	5,4 4,83 0,06912	1,863	12,626,083	l' 8
UEL SC OTAL REVENUE	0.06912	162 239,743	\$,130,791 \$239,743	\$78,130 \$11,286 \$7,447 \$112,949		271,187	\$271,187	\$9,737 \$8,700 \$123,790		254,808	\$254,808	\$4,945 \$10,551 \$121,451				1,0
RATE L DEMAND	RATE 5.4			591,303	5.4	# BILLINGS K		\$96,610	RATE 5,4	# BILLINGS I		\$101,573	RATE 5.4 0.05126		54,768,922	REV 1,1 2,8
All KWH	0.05126	115	4,696,695	\$245,085 \$46,886 \$25,147 \$408,421	0.05126	115	4,983,910	\$258,709 \$37,808 \$27,525 \$420,652	0.05126	115	5,572,904	\$288,264 \$21,361 \$35,957 \$447,155	0.03120	narr.	34,700,722	4,6
OTAL REVENUE	RATE	# BILLINGS R	WH USED		RATE 5.4	# BILLINGS F	(WH USED		RATE 5.4	# BILLINGS	KWH USED		RATE 5,4		KWH USED	1
DEMAND All KWH FUEL ESC	5.4 0.04312	4	498,500	\$21,495 \$4,976 \$2,678	0.04312	4	527,100	\$30,441 \$3,999 \$3,271	0,04312	4	773,200	\$39,594 \$2,964 \$4,984	0.04312	2 38	9,152,900	4
TOTAL REVENUE	RATE	# BILLINGS F	(WH USED		RATE	# BILLINGS I	KWH USED		RATE	# BILLINGS	KWH USEC		RATE 5.8	# BILLINGS		•
DEMAND Ali KWH FUEL ESC	9.8 0.03598		480673	\$5,771 \$17,323 \$4,798 \$1,826	5.8 0.03598		448730	\$3,404 \$1,771	5.8 0.03598		451511	\$1,731 \$2,075	0.03598		2,289,215	
TOTAL REVENUE RATE M	RATE	# BILLINGS I	CWH USED		RATE	# BILLINGS	KWH USEC			# BILLINGS	KWH USEC		RATE 8.2		KWH USED	RE
Demand Ali KWH Fuel ESC	8,23 0,04702		790,015	\$12,681 \$37,147 \$7,885 \$3,774	8.23 0.04702		830,586	\$12,467 \$39,054 \$6,301 \$4,036	8.23 0.04702		915,474	\$3,509 \$5,150	0.0470		10,547,161	•
TOTAL REVENUE	RATE PER MONTI		KWH USED	\$61,487 REVENUE	RATE PER MONTH \$6.00		KWH USEC	\$61,858 REVENUE	RATE PER MONTI \$6.00	1	KWH USEI	\$64,220 REVENUE		Н	KWH USED	RE
175 WATT TOTAL BASIC RATES FUEL ESC	\$6.00	8,660	606,200	\$52,390 \$6,059 \$181	I	8,646	605,220	\$4,582 \$0		8,670	606,900	\$2,337 \$667		102,859	7,200,116	
TOTAL REVENUE RATE T	RATE PER MONT		KWH USEC				KWH USEI		RATE PER MONTI	4	KWH USEI	\$55,020 D REVENUE		H	KWH USED	
200 WATT 300 WATT 400 WATT FUEL	5.51 7.10 10,68	•	0 108,262	\$7,508 \$1,083	7,10 10.68		109,648	\$ \$7,848 \$ \$833	7.10 10.68		107,800	) 57,648 \$413	7.10 10.68	0	0 1,289,442	
ESC TOTAL REVENUE		# BILLINGS	KWH USER	\$235 \$8,826 REVENUE		# BILLINGS	KWH USE	\$0 \$8,680 D REVENUE		# BILLINGS	KWH USE	\$118 \$8,178 D REVENUE		0 # BILLING	S KWH USEE	
Customer Charge DEMAND All KWH FUEL			32,730,839	\$136,322 139,340		35,235	40,134,639	\$136,242 142,951 2,652,929 304,453 \$225,784		35,343	36,204,16	\$136,707 150,320 5 2,361,483 138,772 \$243,065		420,667	422,401,148	1,6 1, 3 27, 3
ESC TOTAL REVENUE				\$179,427 \$2,923,260				\$3,462,358				\$3,030,347				36

Non-demand Demond Costomer Energy NUMBER KWH EXISTING Clark Schedule "R" 8 9 Rate REVENUE BILLINGS Proposed

Revenues

(5)-(1)\*(4)

5.35 \$1,516,484 Billing Rate Revenues Increase (6) Incresso (I) 283,455 (2) \$5.35 (3) (1) (2) S 1,516,484 (4) \$5.35 \$1,515,222 \$20,729,246 \$2,556,426 \$1,640,520 \$26,441,414 Customer Charge Energy Chargo per kWh Billing Adjustments Total from Base Rotes Plus Fuel Adjustment \$5.35 \$0.06783 \$1,516,484 50 \$21,940,831 \$1,234,397 \$1,214,397 305,564,403 \$ 0.06783 \$ 20,726,433 305,564,403 5 0,07180 283,455 14 AH KWII 15 PUEL \$ - 50 \$ 23,457,315 \$ 1,214,397 \$ 22,242,918 16 ESC 2,556,426 1,640,520 17 TOTAL REVENUE Plus Environmental Surcharge \$ - S \$ 27,654,261 \$ 1,214,397 \$1,214,397 97,56 4,28 Green Power Total Revenues S 26,439,864 CLARK ÉNERGY COOPERATIVE, INC. BILLING ANALYSIS TEST YEAR ENDING SEPTEMBER 30, 2006 93.28 4.59% NUMBER KWH EXISTING Ciark Schedule "R-TOD" REVENUE BILLINGS RATE Billing Proposed Rate Increase (6) Increuse (2) \$0.00 (3)-(1)\*(2) (4) \$0,00 (5)-(1)\*(4) 13 ON-PEAK ON-PEAK \$0.00 \$3.13 \$0.07012 \$0.00 \$0.04062 \$0.00 \$0.00 ON-PEAK
S0.00 SERVICE CHARGE
S0.00 ALL KWH
S0.00 FUEL 13 ON-PEAK
14 SERVICE CHARGE
15 ALL KWH
16 OPF-PEAK
17 ALL KWH
18 FUEL
19 ESC
20 TOTAL REVENUE 3.13000 0.07409 53.13 \$0,07012 \$0 \$0 \$0 \$0 \$0 \$0 50 50 50 50 50 50 0.04459 \$0.04062 SO.00 ESC 50.00 TOTAL REVENUE #DIY/0! CLARK ENERGY COOPERATIVE, INC. BILLING ANALYSIS TEST YEAR ENDING SEPTEMBER 30, 2006 Clark Schedule "D" Proposed Rate (4) NUMBER BILLINGS KW8 USED EXISTING Revenues (3)°(1)\*(2) Revenues REVENUE Increase Increase (7) 9 RATE (5)~(1)\*(4) 11 Schedule "D" 2,819 1,845,795 \$0 \$0 \$88.348 \$7.336 \$0 umber of Bills 50.04786 1.845.795 \$7,336 50.04389 13 ALL ENERGY 14 FUEL 2.819 1.845,795 \$80,998 \$16,822 inergy Billing Adjustm Rev from Bases Rates FUEL ESC \$36 \$97,856 81.012 88,348 7,336 15 ESC 16 TOTAL REVENUE 16,823 16,822 36 7,336 2.60 97,870 105,205 37 TOTAL REVENUE 34.72 CLARK ENERGY COOPERATIVE, INC. BILLING ANALYSIS TEST YEAR ENDING SEPTEMBER 30, 2006 Clark Sch T NUMBER KWH USED RATESTE RATE/YR REVENUE Rate (4) Revenues (5)-(1)\*(4) Increase (3)=(1)\*(2) 11 Schedule "T \$0.00 \$0.00 \$5,125 \$0.00 \$,125 \$0 200 WATT \$0 300 WATT ,199 400 WATT \$66.12 \$85.13 \$128.19 13 200 WATT \$0.00 94,569 13 200 WATT 14 300 WATT 15 400 WATT 16 FUEL 17 ESC 18 TOTAL REVENUE 89,445 1.289.442 \$5,125 8,373 1,289,442 \$91,199 \$10,722 Billing Adjustments 94,569 S 10,722 \$ 959 \$ 89,445 5959 Rev from Buses Rates \$102,880 FUEL ESC TOTAL REVENUE 0 10,722 959 101,126 106,250 5,125 12.08 5 12.69 S 5.07% CLARK ENERGY COOPERATIVE, INC. Percent BILLING ANALYSIS TEST YEAR ENDING SEPTEMBER 30, 2006 KWII USED EXISTING RATE NUMBER BILLINGS REVENUE 9 RATE STEP 11 Schedule "S" 11 Schedule "S"
12
13 175 WATT
14 FUEL
15 ESC
16 TOTAL REVENUE (3)-(1)\*(2) 617,15 7,200,116 \$28,615 ustomer Charge (Lamp Charge) 102.859 7.200.116 \$6.00 \$620,221 50 50 Energy Charge per kWh
Energy Charge per kWh
Billing Adjustments
Total from Base Rates
Plus Fuel Adjustment
Plus Environmental Surcharge 7,200,116 S \$59.793 \$4,341 617,153 5684.355 59,793 59,793 4,341 4,341 S S 709.903 28,615 Fotal Revenues Average Percent

5 6 7 8	BH	y cooperativil, i Lling analysis Ing september 3		1	Clark				Request 1b Attachment Page 7 of 8
9 RATE STEP  cdule "E"  .ntomer Charge	NUMBER BILLINGS	KWH USIE)	EXISTING RATE	REVENUE	Schedule "E"  Customer Charge Briege Charge ber kWh	Deling   Actual	Proposed   Dollet   Per   Rate   Revenies   Increase   Increase   Increase   S.40   S.5.40    isc .	\$14,875	
14 AH KWI 15 FUEL 16 ESC 17 TOTAL RÉVENUE	3,516	3,742,792	\$5.40 50.07522	\$18,835 \$281,699 \$30,714 \$22,895 \$354,144	Billing Adjustments Totel from Base Rates Plus Fael Adjustment Plus Environmental Surcharge Total Revenues Average Percent	\$ 300,512 \$ 300,714 \$ 22,895 \$ 354,122 100,72	\$ 315,387 \$ 14,875 \$ 30,714 \$ - \$ 22,895 \$ - \$ 368,997 \$ 14,875 \$ 1. \$ 104,95 \$ 4,23	.875 2006	
3 4 5 6	BI	y cooperative, i lling analysis nng september i			·	÷	,		
8 9 RATE STEP	1601 16750 6410				Cłark Schedule "A"				
10	NUMBER	KWB	EXISTING			Billing Actual Determinants Rate Revenues	Proposed Dollar Per Rate Revenues Increase Inc	hsc	
12 13 Customer Charge	BILLINGS	USED	RATE	REVENUE	Customer Charge	(1) (2) (3)°(1)*(2) 16,350 \$5.27 \$ 86,165			
14 All KWH 15 FUEL, 16 ESC 17 TOTAL REVENUE	16,350	13,374,409	\$5,27 \$0,08793	\$84,567 \$1,184,136 \$109,950	Energy Charge per kWh Billing Adjustments Total from Base Rates Plus Firel Adjustment Plus Environmental Surcharge Total Revenues Average Percent	13,374,409 \$ 0.08793 \$ 1,176,012	\$ 50 \$1,315,330 \$100,930 \$ 100,930 \$ 86,606 \$ 5 \$1,511,386 \$92,47 3,25	13,374,409	\$53,154 
3 4 5 6 7	В	iy cooperative, illing analysis ding september :							
8 9 RATESTEP					Clurk Schedule "B"				
10	NUMBER	KWH	EXISTING			Billing Actual Determinants Rate Revenues	Rate Reveaues Increase Inc	ouse.	
12 13 DEMAND - OVER 10 KV	BILLINGS	USED	RATE	RÉVENUE	Customer Charge Energy Charge per kWh	(1) (2) (3)-(1)*(2) 1,863 \$4,83 \$ 8,991 12,626,083 \$0.069120 \$ 872,71	\$ \$4,83 58,998 \$0	12,626,083	\$0 \$50,180
14 Customer Churge 15 All KWH 16 FUBL 17 ESC 18 TOTAL REVENUE	1,863	12,626,083	\$5,40 \$4,83 \$0,06912	\$170,911 \$9,684 \$872,729 \$103,153 \$82,308 \$1,238,785	Demand Charge Billing Adjustments Total from Base Rates Plus Fuel Adjustment Plus Environmental Surcharge Total Revenues	31,650,19 S5.40 S 170,91 S 1,022,62 S 1,022,62 S 103,15 S 22,30 S 1,238,08 664.5	1	4.05%	
2 3 4 5	. 0	DY COOPERATIVE, BLLING ANALYSIS DING SEPTÉMBER	•		Clark Schedule "1,"		· · · · · · · · · · · · · · · · · · ·		
TESTEP	NUMBER	KWH	EXISTING		Scheame	Billing Actual Determinants Rate Revenues		cent ≠ise	
11 Schedule "L" 12 13 DEMAND	BILLINGS	USED	RATE	REVENUE	Customer Charge	(1) (2) (3)~(1)*(2) 1,377 \$0.00 \$	(4) (5)-(1)*(4) (6) 50.00 S0 S0	<u>n</u>	
15 AH KWH 16 FUEL 17 ESC 18 TOTAL REVENUE	1,377	54,768,922	\$5.40 \$0,05126	\$1,101,004 \$2,854,109 \$450,556 \$287,902 \$4,693,570	Energy Charge per kWh Demand Charge Billing Adjustments Total from Bose Rates Plus Fuel Adjustment Plus Environmental Surcharge	\$4,768,922 \$0.051200 \$ 2.8077,85 203,889.63 \$5.40 \$ 1.101.00 \$ \$ 3,908.45 \$ 450.55 \$ 4,645.95 \$ 4,645.95 \$ 3,33	14	54,768,922 0	S217,667
4 5		GY COOPERATIVE							
7		BILLING ANALYSI: IDING SEPTEMBÉR			Chark			www.	
9 RATESTEP	41147				Schedule "P"	Billing Actual	Proposed Dollar P	rcent	
11 Schedule "P"	NUMBER BILLINGS	KWH USED	EXISTING RATE	REVENUE		Determinants Rate Revenues (1) (2) (3)=(1)*(2	(4) (5)··(1)·(4) (6)	7)	
13 DEMAND 14 All KWII 15 FUEL 16 BSC 17 TOTAL REVENUE	38	9,152,900	\$5.40	\$40#,639 \$75,971 \$42,831		38 50.00 S - 394,60 \$ 9,152,900 \$0.043120 \$ 394,60 \$ 156,1 \$ 550,70 \$ 5 42,8 \$ 5 669,5 \$ 17,6	19	9,152,900 g	\$36,376
3	CT ADV ENDO	KGY COOPERATIVE	P INC						
6	CLAIGK ENER	BILLING ANALYSI	IS .					<del></del>	
7 8	TEST YEAR E	ONG SEPTEMBE	1. 30, 2000		Clark				
9 RATESTEP	TEST YEAR E			n.	Schedule "H"	Billing Actual		reent	
9 RATESTEP 10	TIST YEAR ES NUMBER BILLINGS	KWKWH USED	EXISTIN RATE	G REVENUE	Schedule "13"	Determinants Rate Revenues (1) (2) (3)-(1)*(	Rate Revenues Increase in (2) (4) (5)-(1)*(4) (6)	recent reese (7)	
9 RATE STEP 10	TEST YEAR ES	KWKWH	EXISTIN		Schedule "H"  Customer Charge Emergy Charge per kWh	Determinants   Rate   Revenues   (1)   (2)   (3)-(1)*()   (3)   (3)-(1)*()   (3)	Rate   Revenues   Increase   In	rease	20
9 RATE STEP 10	TEST YEAR ES	KWKWH	EXISTIN RATE \$7.8	REVENUE 2 \$0.0 5 \$0.0 50.0 50.0	Schedule "H"  Castomer Charge	Determinants	Rate   Revenues   Increase   In	(7)	20

4 5 6 7	CLARK ENERGY BILI TEST YEAR ENDIN	ANG ANALYSIS														Attachment Page 8 of 8
# PATE STEP		KW/KWII	EXISTING	revenue	Clark Schedule "G"	Billing Determinants		ust evenues (3)-(1)*(2)		osed Revenues (5)~(1)*(4)	Dollar Increase (6)	Percent Increase (7)				
13 DEMAND 14 All KWR 15 PUEL 16 ESC 17 TOTAL REVIENUE	9 gillings	USED 0	S7.82 50.04702	\$6,00	Customer Charge Energy Charge per kWh Dermand Charge Billing Adjustments Total from Base Rates Plus fuct Adjustment	0 0 0.00	50,00 S 50,047020 S \$7.82 S	50	\$0.00 \$ 0.05099 \$7.82	\$0 \$0 \$0 \$0		#DIV/el		Ç.		\$0
1 2 3 4 5	CLARK INVERGY	cooperativé, i	NC.	\$0.00	Plus Environmental Surcharge Total Revenues		-{	-								
6 7		LING ANALYSIS			Pro-			1								
9 RATE STEP					Clark Schedule "M"	Billing	Ae		Pro	posed	Dollar	Percent				•
11 Schedule "M" 12 13 DÉMAND	NUMBER BELENGS	USED	EXISTING RATE	REVENUÈ	Customer Charge	Determinants (1)	(2) \$0,00		Rate (4) 50.00	(5)"(1)"(4) \$0	(6) S0	Increase (7)				\$41,917
14 All KWII 16 FUEL 16 ESC 17 TOTAL REVENUE 1 2 3	12	10,547,161	\$8.23 \$0.04702	\$495,928 \$87,204 \$47,576	Energy Charge per kWh Demand Churge Billing Adjustments Total from Base Rates Plus Fuel Adjustment Plus Environmental Surcharge Total Revenues Average Percent	10,547,161 18,388.¥2	-	\$ 151,340 \$0 \$ 647,268 \$ 87,304	\$ 0.05099 \$8.23	\$ 0 \$ 689,185 \$ 87,204 \$ 47,576 \$ 823,965	s -	5,36%		19,547,161	o	\$41,217
4 5 6 7	CLARK ENERGY BIL TEST YEAR ENDI	COOPERATIVE, LING ANALYSIS NG SEPTEMBER :														
9 RATESTEP					Clark Schedule "J"	Billing	Ac	tuni	Pre	posed	Dollar	Percent	•			
11 Schedule "F" 13 13 DEMAND	NUMBER BILLINGS	KWH USED	EXISTING RATE	REVENUE	-Customer Charge	Determinants (1)	(2) \$0.00	(3)+(1)*(2) \$	(4) \$0.00	Revenses (5)-(1)*(4) \$0	Increase (6) 50	Increase (7)				
14 ARKWB 15 FUEL 16 ESC 17 TOTAL REVENUE	\$	2,289,215	\$5,80 \$0,03598	\$82,511 \$17,183 \$8,780	Hiercy Charge per kWh Denrand Cherge Billing Adjustments Total from Base Rates Plus Fuel Adjustment Plus Environmental Surcharge Total Revenues Average Percent	2,289,215 4,975,00	\$0.035980 \$5.80		S 0.03598	\$82,366 \$39,026 \$ - \$ 121,392 \$ 17,183 \$ 8,780 \$ 147,356 29,471	\$10,171 \$0 \$ 10,171 \$ - \$ - \$ 10,171	7,41%			10,171	
					Total increase EKPC Calculated increase Difference						1,679,812 1,679,812 0		Non-IVC kWh Demand S	420,111,933	\$10,171	
						c	#RIP!						CustomerS			\$0
													Energy Total S	51,679,812		\$1,669,641
													Less Dmd \$	\$1,669,641		\$1,679,812
													Less Cust Chg \$	\$1,669,641		
													per kWh	50.003974		
																•
													•			

	i i i i i i i i i i i i i i i i i i i
<b>3</b>	7
:	

COMMISSION STAFF'S FIRST DATA REQUEST DATED 3/12/07 REQUEST 2

**RESPONSIBLE PERSON:** 

William A. Bosta

**COMPANY:** 

Clark Energy Cooperative, Inc.

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, Clark 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 Clark agree that KRS 278.455(2) and 807 KAR5:007, 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 Clark 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 Clark Energy Cooperative, Inc. are listed below:

	EKPC		
Rate Class	Rate Schedule	Present	<b>Proposed</b>
Sch R: Residential	E-2		
Customer Charge per month		\$5.35	\$5.35
Energy charge per kWh		\$0.06783	\$0.07180
Sch R – TOD	E-2		
On Peak Service Charge per Month		\$3.13	\$3.13
On Peak per kWh	•	\$0.07012	\$0.07409
Off-Peak per kWh	•	\$00.4062	\$0.04459
Sch D: Time of Use Marketing	E-2		
Per kWh for all energy	•	\$0.04389	\$0.04786
Sch T: Outdoor Lighting Facilities (annual rate)	E-2		
200 watt		\$66.12	\$69.32
300 watt		\$85.15	\$89.92
400 watt		\$128.19	\$135.53
Sch S: Outdoor Lighting Facilities (per month)	E-2		
175 watt	•	\$6.00	\$6.28
Sch E: Public Facilities	E-2		
Customer Charge per month		\$5.40	\$5.40
Energy charge per kWh		\$0.07522	\$0.07919
Sch A & B: General Power Service	E-2		•
Demand charge first 10 kW		\$0.00	\$0.00
Demand charge per kW over 10 kW		\$5.40	\$5.40
Customer charge – Schedule A		\$5.27	\$5.27
Customer charge – Schedule B		\$4.83	\$4.83
Per kWh charge - Schedule A		\$0.08793	\$0.09190
Per kWh charge – Schedule B		\$0.06912	\$0.07309
Sch L: General Power Service	E-2		
Demand charge per kW		\$5.40	\$5.40
Energy charge per kWh		\$0.05126	\$0.05523
Sch P: General Power Service	E-2		
Demand charge per kW		\$5.40	\$5.40
Energy charge per kWh		\$0.04312	\$0.04709
Sch H: General Power Service	E-2		
Demand charge per kW		\$7.82	\$7.82
Energy charge per kWh		\$0.04405	\$0.04802
Sch G: General Power Service	E-2		
Demand charge per kW		\$7.82	\$7.82
Energy charge per kWh		\$0.04702	\$0.05099
Sch M: General Power Service	E-2		
Demand charge per kW		\$8.23	\$8.23
Energy charge per kWh		\$0.04702	\$0.05099
Sch J: Industrial HLF	C		
Demand charge per kW		\$5.80	\$7.84
Energy charge per kWh		\$0.03598	\$0.03598

			\$
C			
(			
•			

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

**RESPONSIBLE PERSON:** 

William A. Bosta

**COMPANY:** 

Clark Energy Cooperative, Inc.

Request 3.

Refer to Exhibit III of the Application.

Request 3a. Prepare the following comparative analyses of Clark'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 Clark'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.

### Clark Energy

### Billing Analysis

### for the 12 month ending September 30, 2006

	Total Present		Total			
	Annualized	Percent of	Proposed	Percent of		
Schedule	Revenues	Total Rev.	Revenues	Total Rev.	\$ Increase	% Increase
Schedule R	\$26,439,864	72.23%	\$27,654,261	72.23%	\$1,214,397	4.59%
Schedule R-TOD	\$0	0.00%	\$0	0.00%	\$0	0.00%
Schedule D	\$97,870	0.27%	\$105,205	0.27%	\$7,336	7.50%
Schedule T	\$101,126	0.28%	\$106,250	0.28%	\$5,125	5.07%
Schedule S	\$681,288	1.86%	\$709,903	1.85%	\$28,615	4.20%
Schedule E	\$354,122	0.97%	\$368,997	0.96%	\$14,875	4.20%
Schedule A	\$1,458,733	3.98%	\$1,511,886	3.95%	\$53,154	3.64%
Schedule B	\$1,238,086	3.38%	\$1,288,265	3.36%	\$50,180	4.05%
Schedule L	\$4,646,916	12.69%	\$4,864,583	12.71%	\$217,667	4.68%
Schedule P	\$669,594	1.83%	\$705,970	1.84%	\$36,376	5.43%
Schedule H	\$0	0.00%	\$0	0.00%	\$0	0.00%
Schedule G	\$0	0.00%	\$0	0.00%	\$0	0.00%
Schedule M	\$782,047	2.14%	\$823,965	2.15%	\$41,917	5.36%
Schedule J	\$137,184	0.37%	\$147,356	0.38%	\$10,171	7.41%
Total - All Rate Classes	\$36,606,830	100.00%	\$38,286,642	100.00%	\$1,679,812	4.59%

Clark									
Schedule "R"									
	Billing	A	ctual	Actual	Pro	posed	Dollar	Percent	Proposed
	Determinants	Rate	Revenues	Component %	Rate	Revenues	Increase	Increase	Component %
	(1)	(2)	(3)=(1)*(2)	of Base Rates	(4)	(5)=(1)*(4)	(6)	(7)	of Base Rates
Customer Charge	283,455	\$5.35	\$ 1,516,484	6.82%	\$5,35				6.468
Energy Charge per kWh	305,564,403	\$ 0.06783	\$ 20,726,433	93.18%	\$ 0.07180	\$21,940,831	\$8,214,397		93.54%
Billing Adjustments			\$ -			\$ -	\$0		
Total from Base Rates			\$ 22,242,918	100.00%		\$ 23,457,315	\$ 1,214,397		100.00%
Plus Fuel Adjustment			\$ 2,556,426			\$ 2,556,426	\$ -		
Plus Environmental Surcharge			\$ 1,640,520			\$ 1,640,520	\$ -		
Green Power			\$ -			\$ -	\$ -		
Total Revenues			\$ 26,439,864	]		\$ 27,654,261	\$ 1,214,397	\$ 1,214,397	
Average			93.28			97,56	4.28		
Percent			•					4.59%	

Clark									
Schedule "R-TOD"				}					
	Billing	A-	ctual	Actual	Pro	posed	Dollar	Percent	Proposed
	Determinants	Rate	Revenues	Component %	Rate	Revenues	Increase	Increase	Component %
	(1)	(2)	(3)=(1)*(2)	of Base Rates	(4)	(5)=(1)*(4)	(6)	(7)	of Base Rates
ON-PEAK	0	\$0.00	\$ -		\$0.00	\$0	\$0		
SERVICE CHARGE	0	\$3,13	\$ -		\$ 3.13000	\$0	\$0		
ALL KWH	0	\$0.07012	\$ -		\$ 0,07409	\$0	\$0		
OFF-PEAK		\$0.00	\$ -		\$	\$0	. \$0		
ALL KWH	0	\$0,04062	\$ -	1	\$ 0.04459	\$0	\$0		1
FUEL		\$0.00	\$ -		\$ -	\$0	\$0		
ESC		\$0,00	\$ -		\$ -	\$0	\$0		
TOTAL REVENUE			\$ -			\$ -	\$ -		
Average				1					
Percent								#D(V/0)	

Clark						· · · · · · · · · · · · · · · · · · ·			
Schedule "D"									
	Billing	Actual		Actual	Proposed		Dollar	Percent	Proposed
	Determinants	Rate	Revenues	Component %	Rate	Revenues	Increase	Increase	Component %
,	(1)	(2)	(3)=(1)*(2)	of Base Rates	(4)	(5)=(1)*(4)	(6)	(7)	of Base Rates
Number of Bills	2,819				ş -	\$0			
Energy	1,845,795	\$0.04389	\$ 81,012	100,00%	\$0.04786	\$88,348	\$7336		100.00%
Billing Adjustments			<u>s - </u>			\$	\$0		
Rev from Bases Rates			\$ 81,012	100.00%		\$ 88,348	\$ 7,336		100.00%
FUEL			\$ 16,822			\$ 16,822	\$ -		
ESC			<u>\$ 36</u>			\$ 36	<u>\$</u>		
TOTAL REVENUE			\$ 97,870			\$ 105,205	\$ 7,336	\$ 7,336	
Average			34.72	l	}	37	2,60		
Percent								7.50%	

Clark		<del></del>							
Sch T					ĺ				
	Billing	Actue	ıl Annual	Actual	Proposed		Dollar	Percent	Proposed
	Determinants	Rate	Revenues	Component %	Rate	Revenues	Increase	Increase	Component %
	(1)	(2)	(3)=(1)*(2)	of Base Rates	(4)	(5)=(1)*(4)	(6)	(7)	of Base Rates
200 WATT	0	\$66.12			\$65.32				
300 WATT	0	\$85.15	\$ -		\$89.92		\$0.00		
400 WATT	8,373	\$128.19	\$ 89,445	100.00%	\$185.53	\$ 94,569	\$5,125		100.00%
Billing Adjustments			\$ ~	]	ļ	\$ -	\$0.00		
Rev from Bases Rates			\$ 89,445	100.00%		\$ 94,569	\$ 5,125		100.00%
FUEL			\$ 10,722			\$ 10,722	\$ -		
ESC			\$ 959			\$ 959	\$ -		
TOTAL REVENUE			\$ 101,126	1		106,250	5,125		
Average			\$ 12,08			\$ 12.69	\$ 0,61		
Percent								5.07%	

Clark		 *					··············		 		
Schedule "S"											
	Billing	Actua	il Anı	nual	Actual	Pro	၀၀န	ed	Dollar	Percent	Proposed
ĺ	Determinants	Rate	Rev	enues	Component %	Rate	Ro	/enues	 Increase	increase	Component %
	(1)	(2)	(	3)=(1)*(2)	of Base Rates	(4)		5)=(1)*(4)	(6)	(7)	of Base Rates
Customer Charge (Lamp Charge)	102,859	 \$6.00	\$	617,153	100,00%	\$5.28		\$645,768	\$28,615		100.00%
Energy Charge per KWh	7,200,116	\$ -	\$	-		\$		\$0	\$0		
Billing Adjustments			\$	-			\$	-	\$0		
Total from Base Rates			\$	617,153	100.00%		\$	645,768	\$ 28,615		100.00%
Plus Fuel Adjustment	•		\$	59,793			\$	59,793	\$		
Plus Environmental Surcharge			\$	4,341	ļ		\$	4,341	\$ *	j	
Total Revenues			\$	681,288			\$	709,903	\$ 28,615		
Аvегаде				6,62			\$	6.90	\$ 0.28		
Percent		 								4.20%	

Clark													
Schedule "E"												1	
	Billing Actual				Actual	Pro	pose	đ		Dollar		Percent	Proposed
	Determinants	Rate	Reve	nues	Component %	Rate	Rev	enues	In	crease	1	Increase	Component %
	(1)	(2)	(3)	)=(1)*(2)	of Base Rates	(4)	(	5)=(1)*(4)		(6)		(7)	of Base Rates
Customer Charge	3,516	\$5,40	\$	18,986	6.32%	\$5,40		\$18,986		\$0			6.02*
Energy Charge per kWh	3,742,702	\$ 0.07522	\$	281,526	93.68%	\$ 0.07919	į	\$296,401		\$14,875			93.98%
Billing Adjustments			\$	-	ĺ	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$	-		\$0		- 1	
Total from Base Rates			\$	300,512	100,00%		\$	315,387	\$	14,875			100.00%
Plus Fuel Adjustment			\$	30,714			\$	30,714	\$	-			
Plus Environmental Surcharge			\$	22,895			\$	22,895	\$	-			
Total Revenues			\$	354,122			\$	368,997	\$	14,875	\$	14,875	
Average				100.72			\$	104.95	\$	4.23			
Percent												4.20%	

Clark											
Schedule "A"											
	Billing	,	Actua	1	Actual	Proj	pos	ad	Dollar	Percent	Proposed
	Determinants	Rate	Re	venues	Component %	Rate	Re	venues	Increase	Increase	Component %
	(1)	(2)		(3)=(1)*(2)	of Base Rates	(4)	(	(5)=(1)*(4)	(6)	(7)	of Base Rates
Customer Charge	16,350	\$5.27	\$	86,165	6.83%	\$5.27		\$86,165	\$0		6.55%
Energy Charge per kWh	13,374,409	\$ 0.08793	\$	1,176,012	93.17%	\$ 0.09190		\$1,229,165	\$53,154		93.45%
Billing Adjustments			\$	-			\$	•	\$0		
Total from Base Rates			\$	1,262,176	100.00%			\$1,315,330	\$53,154		100.00%
Plus Fuel Adjustment			\$	109,950			\$	109,950	\$ -		
Plus Environmental Surcharge			\$	86,606			\$	86,606	\$ -	ĺ	
Total Revenues			\$	1,458,733			\$	1,511,886	\$ 53,154	•	
Average			\$	89.22				92.47	3,25		
Percent						,				3.64%	

Clark		***************************************		·····			Г							
Schedule "B"														
	Billing	A	clual		Ac	tual		Pro	0000	d	Ī	Dollar	Percent	Proposed
	Determinants	Rate	Rev	enues	Compo	e taeac		Rate	Rev	enues	In	crease	Increase	Component %
	(1)	(2)	(:	3)=(1)*(2)	of Bas	se Rates		(4)	(	5)=(1)*(4)		(6)	(7)	of Base Rates
Customer Charge	1,863	\$4.83	\$	8,998		0.85%		\$4.83		\$8,998		\$0		0.82%
Energy Charge per kWh	12,626,083	\$0.069120	\$	872,715		82.91%	\$	0.07309		\$922,894		\$50,180		83.69%
Demand Charge	31,650.19	\$5.40	\$	170,911	l	16.24%	Ì	\$5.40		\$170,911		\$0		15.50%
Billing Adjustments				\$0					\$	-		\$0		
Total from Base Rates			\$	1,052,624		100.00%	Ì		\$	1,102,804	\$	50,180		100.00%
Plus Fuel Adjustment			\$	103,153			i		\$	103,153	\$	-		
Plus Environmental Surcharge			\$	82,308					\$	82,308	\$	-		
Total Revenues			\$	1,238,086	]				\$	1,288,265	\$	50,180		
Average				664,67	Ì		İ		\$	691.50	\$	26.93		
Percent													4.05%	

Clark		***************************************				<u> </u>							
Schedule "L"													
	Billing	A	ctua	1	Actual		Pro	pos	sed		Dollar	Percent	Proposed
-	Determinants	Rate	Rev	/enues	Component, %		Rate	Re	venues	Ir	crease	Increase	Component %
	(1)	(2)	(	(3)=(1)*(2)	of Base Rates		(4)		(5)=(1)*(4)		(6)	(7)	of Base Rates
Customer Charge	1,377	\$0.00	\$	-			\$0.00		\$0		\$0		
Energy Charge per kWh	54,768,922	\$0.051260	\$	2,807,455	71.83%	\$	0.05523		\$3,025,122		\$217,667		73.32%
Demand Charge	203,889.63	\$5.40	\$	1,101,004	28.17%		\$5.40		\$1,101,004		\$0		26.68%
Billing Adjustments				\$0				\$	-		\$0		
Total from Base Rates			\$	3,908,459	200.00%	j		\$	4,126,126	\$	217,667		100.00%
Plus Fuel Adjustment			\$	450,556		1		\$	450,556	\$	-		
Plus Environmental Surcharge			\$	287,902				\$	287,902	\$	-		
Total Revenues			\$	4,646,916				\$	4,864,583	\$	217,667		
Average			\$	3,375	1	)		\$	3,533	\$	158		
Percent												4.68%	

Clark				I					
Schedule "P"									
	Billing	A	ctual	Actual	Pro	posed	Dollar	Percent	Proposed
	Determinants	Rate	Revenues	Component %	Rate	Revenues	Increase	Increase	Component %
	(1)	(2)	(3)=(1)*(2)	of Base Rates	(4)	(5)=(1)*(4)	, (6)	(7)	of Base Rates
Customer Charge	38	\$0.00	s -		\$0.00	\$0	\$0		
Energy Charge per kWh	9,152,900	\$0.043120	\$ 394,673	71.66%	\$ 0.04709	\$431,049	\$36,376		73.41%
Demand Charge	28,910.93	\$5.40	\$ 156,119	28.34%	\$5.40	\$156,119	. \$0		26.59%
Billing Adjustments			\$0	1		\$ -	\$0		
Total from Base Rates			\$ 550,792	100.00%	]	\$ 587,168	\$ 36,376		100.00%
Plus Fuel Adjustment			\$ 75,971		1	\$ 75,971	\$ -		
Plus Environmental Surcharge		•	\$ 42,831		1	\$ 42,831	\$ -		
Total Revenues			\$ 669,594	1	1	\$ 705,970	\$ 36,376	·	
Average			17,621	ľ	i	18,578	957		
Percent								5.43%	<u> </u>

Clark									
Schedule "H"									
	Billing	A	ctual	Actual	Рго	posed	Dollar	Percent	Proposed
	Determinants	Rate	Revenues	Component %	Rate	Revenues	Increase	increase	Component %
	(1)	(2)	(3)=(1)*(2)	of Base Rates	(4)	(5)=(1)*(4)	(6)	(7)	of Base Rates
Customer Charge	0	\$0.00	\$ -		\$0.00	\$0			
Energy Charge per kWh	. 0	\$0,044050	\$ -	}	\$ 0.04802	\$0			
Demand Charge	0.00	\$7.82	\$ -		\$7.82	\$0			
Billing Adjustments			\$0						
Total from Base Rates			\$ -	Ì		\$ -		#D!V/0!	
Plus Fuel Adjustment			\$ -						
Plus Environmental Surcharge			\$ -						
Total Revenues			\$ -	1					
-									

Clark									
Schedule "G"				-					
	Billing	A	clual	Actual	Рго	posed	Dollar	Percent	Proposed
	Determinants	Rate	Revenues	Component %	Rate	Revenues	Increase	Increase	Component %
	(1)	(2)	(3)=(1)*(2)	of Base Rates	(4)	(6)=(1)*(4)	(6)	(7)	of Base Rates
Customer Charge	0	\$0.00	\$ -		\$0.00	\$0			
Energy Charge per kWh	0	\$0,047020	\$ -		\$ 0.05099	\$0			
Demand Charge	0,00	\$7.82	\$ -		\$7.82	\$0			
Billing Adjustments			\$0						
Total from Base Rates			\$ -			\$ -	•	#DIV/0!	
Plus Fuel Adjustment			\$ -	İ					İ
Plus Environmental Surcharge			\$ -						
Total Ravenues			\$ -	1					
									· ·

Clark	***************************************			,			*****					T. T. T. T. T. T. T. T. T. T. T. T. T. T	
Schedule "M"												i	
	Billing	A	clual		Actual		Pro	pose	d	C	ollar	Percent	Proposed
	Determinants	Rate	Reve	nues	Component %		Rate	Rev	renues	Inc	19359	Increase	Component %
	(1)	(2)	(3	s)=(1)*(2)	of Base Rates		(4)	(	5)=(1)*(4)		(6)	(7)	of Base Rates
Customer Charge	12	\$0.00	\$	-			\$0,00		\$0		\$0		
Energy Charge per kWh	10,547,161	\$0.047020	\$	495,928	76.62%	\$	0.05099		\$537,845		\$41,917		78.04%
Demand Charge	18,388.82	\$8.23	\$	151,340	23.38%		\$8,23		\$151,340		\$0		21.96%
Billing Adjustments -				\$0				\$	. 0		\$0	٠	
Total from Base Rates			\$	647,268	100.00%			\$	689,185	\$	41,917		100.00%
Plus Fuel Adjustment			\$	87,204				\$	87,204	\$	-		****
Plus Environmental Surcharge			\$	47,576				\$	47,576	\$			
Total Revenues			\$	782,048				\$	823,965	\$	41,917		
Average			\$	65,171	}	1		\$	68,664	\$	3,493	ļ	
Percent						L				······		5.36%	

Clark									
Schedule "J"				J					
	Billing	A:	ctual	Actual	Pro	posed	Dollar	Percent	Proposed
	Determinants	Rate	Revenues	Component %	Rate	Revenues	Increase	Increase	Component %
	(1)	(2)	(3)=(1)*(2)	of Base Rates	(4)	(5)=(1)*(4)	(6)	(7)	of Base Rates
Customer Charge	5	\$0.00	\$ -		\$0.00	\$0	\$0		
Energy Charge per kWh	2,289,215	\$0.035980	\$ 82,366		\$ 0.03598	\$82,366	\$0		67.85%
Demand Charge	4,975.00	\$5.80	\$ 28,855	25.948	\$7.84	\$39,026	\$10,171		32.15%
Billing Adjustments			\$0			\$ -	\$0		
Total from Base Rates			\$ 111,221	100.00%	]	\$ 121,392	\$ 10,171	·	100.00%
Plus Fuel Adjustment			\$ 17,183			\$ 17,183	\$ -		
Plus Environmental Surcharge			\$ 8,780			\$ 8,780	\$ -		
Total Revenues			\$ 137,184			\$ 147,356	\$ 10,171	·	
Average			27,436,89		· ·	29,471	2,034		
Percent								7.41%	

# Analysis of Wholesale to Retail Proportionality

M	Wholesale			R	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.	· ·	Customer Charge R Residential Customer Charge R Residential	\$5.35/ Mo \$5.35/ Mo	\$5.35/ Mo \$5.35/ Mo \$5.35/ Mo \$5.35/ 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 kV	crease was b	ased on the dollar ale, divided by kWh.	ıllar 7 kWh.	The non-industrial retail increase was based on the dollar amount remaining to be recovered at retail, divided by kWh.	s based on the dretail, divided b	ollar yy kWh.	

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

**REQUEST 4** 

**RESPONSIBLE PERSON:** 

William A. Bosta

COMPANY:

Clark Energy Cooperative, Inc.

Refer to Exhibit III of the Application. For each type of street light and/or outdoor light included in the billing analysis, provide the following information:

Request 4a. The assigned or estimated kWh usage per light for each light that is not separately metered.

Request 4b.

The number of lights.

### Response 4a-b.

	4(a)	4(b)
		Number of
Light	kWh per	Lights
Description	Light	Billed
175 Watt	70	102,859
400 Watt	154	8,373
~~~~~ A I		444.000
TOTAL		111,232