TAYLOR, KELLER, DUNAWAY & TOOMS, PLLCE CEIVED

ATTORNEYS AT LAW

1306 WEST FIFTH STREET POST OFFICE BOX 905 LONDON, KY 40743-0905

MAR 2 1 2007

PUBLIC SERVICE COMMISSION

PHONE: 606-878-8844 Facsimile: 606-878-5547 Writer's E-Mail: coswald@tkdlaw.com

> Roy E. Tooms (1917-1986)

OF COUNSEL: BOYD F. TAYLOR

J. WARREN KELLER R. WILLIAM TOOMS BRIDGET L. DUNAWAY

CLAYTON O. OSWALD AMANDA LESTER HILL

March 14, 2007

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

RE: PSC Case No. 2006-00482

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 Jackson Energy Cooperative Corporation, to the Commission Staff's First Data Requests dated March 12, 2007.

Sincerely,

6.3

Clayton O. Oswald

COO/rlc enc: as stated FAWPD OCKNOpen Caserblackson Energy - FNC Rate Case⁶⁰⁷Dennell 80-14-07.NPM

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF JACKSON ENERGY COOPERATIVE TO PASS-THROUGH AN INCREASE OF ITS WHOLESALE POWER SUPPLIER PURSUANT TO KRS 278.455(2)

CASE NO. 2006-00482

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

JACKSON ENERGY COOPERATIVE

PSC CASE NO. 2006-00482

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

Jackson Energy Cooperative ("Jackson") 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. . e

PSC Request 1 Page 1 of 2

JACKSON ENERGY COOPERATIVE PSC CASE NO. 2006-00482 FIRST DATA REQUEST RESPONSE

COMMISSION STAFF'S FIRST DATA REQUEST DATED 3/12/07REQUEST 1RESPONSIBLE PERSON:William A. BostaCOMPANY:Jackson Energy Cooperative

<u>Request 1.</u> Refer to the Application, Exhibits II and III.

<u>Request 1a.</u> 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 Jackson.

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 exceptions are Electric Thermal Storage (ETS) Rate Schedules 11 and 22, which were designed based on a charge of 60 percent of the energy rate of the related rate class.

PSC Request 1 Page 2 of 2

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

<u>Request 1b.</u> 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.

Request 1a Attachment Page 1 of 3

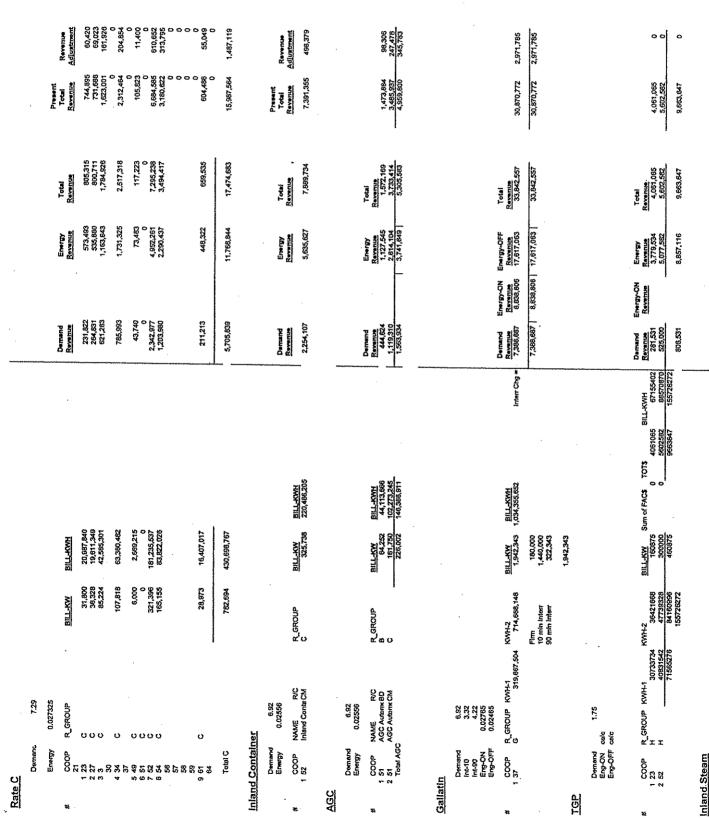
EXHIBIT I Page 3 of 7

	Raventus Adjustment 3.443.237 1.550,035 1.550,035 3.2649,552 1.775,045 1.775,045 1.777,155 1.777,155 1.777,155 1.777,155 1.777,155 1.777,155 1.777,155 3.577,155 1.777,155 3.577,155 1.777,155 3.577,553 3.7118,855 3.7118,5555 3.7118,5555 3.7118,5555 3.7118,5555 3.7118,5555 3.7118,5555 3.7118,55555 3.7118,55555 3.7118,55555 3.7118,55555555555555555555555555555555555	8.653 3.201 31,344	Revenues Adjustiments 141,750 19,505 104,738 500,175 500,175 500,175	395,265 0 155,420 171,110 171,110 0	0 0 681,198 2,2773,652	363,161 302,185 302,185	
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Request 1a Attachment Page 2 of 3

EXHIBIT I Page 4 of 7



Iniand Steam equiv Demand 5.00073823 equiv Energy 0.02450058

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EXHIBIT I Page 5 of 7

778.224	Revenue <u>Adiuntment</u>	.000			00000	0 00	43.364.270
8,554,161	Present Total R. <u>Revenue Ad</u>	886,692 439,596 447 336	991,668 413,076 426,336	613,860 613,860 683,112 47,120 1,197,228 325,248	517,548 288,296 0 410,676 1,102,992	10,219,784 426,000 7,500	510.669.030 43.
Total Revenue 9,332,394	Total LC Revenue	885,632 433,596 447,336	991,968 413,078 426,335	5135,860 5135,860 689,112 474,120 1,197,228 225,248	517,548 268,296 410,676 1,152,982	10,218,764 426,000 7,500	554,033,251
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5	26,628,149	1,961,558	0					5,305,583	660 113	27 000				
8	20,429,813	0	7,295,238	7,869,734	9.332,384		2602 5602		474 120		4600		222 222 222	
3	49.482.581	2.072.016	3.494.417							2020	25		107 104 14	
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1		> (325,248	15,000		13.071,998	12.034.882	
ក់ដ	5/0'snt'+7		Ð						517,548	22,500		24,645,121	22.673.225	
3	12,446.242	Ð	0						268.296	12,000		17 776 828	14 740 AV	
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51	11 813 118	c	250 535									200.000	314,456	
5 2									410,675	19,500		12,902,829	11,890,088	
5	40,044,004	6,409,43	<u> </u>						1,162,992	46,500		56,823,033	52,390,640	
	427,253,498	32,617,902	17,474,683	7,889,734	9,332,384	33,842,557	3,663,647	5.305.583	10.219.764	426.000.	7 500	120 000 123	610 660 630	1
												554,033,251	non/enn/010	

	Present Revenue Total	Proposed Revenue Total	\$ Increase	% Increase
Contradicts A Direct	21.761	22,772	1,011	4.64%
Schedule I Duai Fuei Art-1-1-40 Doo Eorm & Noo Form	58.593.933	61,164,284	2,570,352	4.39%
Scredule TO res, Farin & World and out 11 Doc Form Non Form Rafail Mkt Rafa (FTS)	498,461	520,919	22,457	4.51%
SGI I - Res, Fallit, Norria anti Notan must rate (= ?)	3.880.472	4,048,489	168,016	4.33%
Soft 20 Collitity Still FOWER & ST 1836 Farm Ref Mkt (FTS)	11,056	11,514	458	4.14%
	1.416.681	1,471,342	54,661	3.86%
SGI 30 Lalge FOWEI 3VCE -20 MV	143,895	152,079	8,184	5.69%
SCR 33 WARE FURIPING SERVICE	4.922.622	5,157,105	234,483	4.76%
SCN 4U LG POWEI 3U KWY - ZI 4 KWY	2.808.771	2,952,432	143,660	5.11%
SCR 43 Lg POWER ZZI 3 KW	2.556,565	2,733,712	177,147	6.93%
	1.777.865	1,896,577	118,711	6.68%
SCR 4/ - Large Fower JUD AVY - 4,000 AVY	417,809	436,183	18,374	4.40%
SCII 30 - SCIIGOIS, CIIGIUISS & COINTEELAINS 0-1- FO - All Floatein Schools	587.821	619,596	31,775	5.41%
SCR 32 - All Electric Scribous CE.co. CEncolo Chiroboo & Community Halls	712.928	742,102	29,175	4.09%
Sciences - Sciences, criteriones - Sciences	2,021,212	2,098,313	77,101	3.81%
	80,371,852	84,027,417	3,655,565	4.55%

Jackson Energy Cooperative Billing Analysis for the 12 months ended September 30, 2006

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Request 1b Attachment Page 1 of 7 . L

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Jackson Energy Cooperative Corporation Billing Analysis for the 12 months ended September 30, 2006

					Schedule 1 Dual Fuel Rate 1					
	E-Based kWh	Existing			Proposed	·····		\$ Increase	% increase	Demand Energy
		Billing Determinants	Current Rate	Annualized Revenues	Billing Determinants	Rate	Annualized Revenues			
Customer Charge		261	\$1.95	\$509	261	\$1.95	\$509		0,00%	
Energy charge per kWh	255,009	255,009	\$0.06938	17,693	255,009	\$0.07334	18,703	1,011	5.71%	1,011
Total from base rates			-	18,201			19,212	1,011	5.55%	
Fuel adjustment Environmental surcharge			-	2,141 1,418			2,141 1,418	:	0.00% 0,00%	
Total revenues				\$21,761			\$22,77 <u>2</u>	1,011	4.64%	
Average Bill				\$83.38			\$87.25	3.87	4.64%	
				Reside	Schedule 10 Intial, Farm and Non-F Rate 10	arm Service				
		Existing			Proposed			\$ Increase	% Increase	Demand Energy
		Billing Determinants	Current Rate	Annualized Revenues	Billing Determinants	Rate	Annualized Revenues			
Customer Charge		559,002	\$8,25	\$4,611,767	559,002	\$8.25	\$4,611,767		0.00%	
Energy charge per kWh	645,005,288	645,005,288	\$0.06956	44,866,568	645,005,288	\$0.07355	47,436,919	2,570,352	5.73%	2,570,352
Renewable Resource Adder				5,539			5,539		0.00%	
Total from base rates			-	49,483,873			52,054,224	2,570,352	5.19%	
Fuel adjustment Environmental surcharge				5,506,854 3,603,206			5,506,854 3,603,206		0.00% 0.00%	
Total revenues				\$58,593,933			\$61,164,284	2,570,352	4,39%	
Average Bill				\$104.82			\$109.42	4,60	4,39%	
			Resi	dential, Farm and I	Schedule 11 (ETS Non-Farm Service - O Rate 11		Marketing Rate			
		Existing Billing	Current	Annualized	Proposed Billing	T	Annualized	\$ Increase	% Increase	Demand Energy
		Determinants	Rate	Revenues	Determinants	Rate	Revenues			
Customer Charge		10,681		\$0	10,681	\$0.00	\$0			
Energy Charge	9,408,205	9,408,205	\$0.04174	392,698	9,408,205	\$0,04413	415,156	22,457	5,72%	22,457
Total Baseload Charges				\$392,698				(392,698)	-100.00%	
Fuel Adjustment Environmental Surcharge				78,429 27,334			78,429 27,334	-	0.00% 0.00%	
Total Revenues			;	\$498,461			\$520,919	22,457	4,51%	
Average Bill				\$ 46.67			\$ 48.77	2.10	4.51%	

Request 1b Attachment Page 3 of 7

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Jackson Energy Cooperative Corporation Billing Analysis for the 12 months ended September 30, 2006

Schedule 20 Commercial, Small Power & Three-Phase Farm Service Rate 20

	1	Existing			Proposed			\$ Increase 9	% Increase	Demand Energy
	1	Billing	Current	Annualized	Billing		Annualized			
		Determinants	Rate j	Revenues	Determinants	Rate	Revenues			
Customer Charge		35,555	\$10.00	\$355,550	35,555	\$10.00	\$355,550	-	0.00%	
Energy charge per kWh	42,162,069	42,162,069	\$0.06915	2,915,507	42,162,069	\$0.07314	3,083,523	168,016	5.76%	168,016
Energy offerige partition										
Total from base rates			-	3,271,057		-	3,439,073	168,016	5.14%	
Turk a divelopent				362,975			362,975	-	0.00%	
Fuel adjustment Environmental surcharge			_	246,440		-	246,440		0.00%	
Total revenues				\$3,880,472			\$4,048,489	168,016	4.33%	
				\$ 109.14			\$ 113.87	4,73	4,33%	
Average Bill				3 109.14			φ .10.01	,,,,,		
			Commercia	l, Small Power & thre	Schedule 22 (ETS) e-Phase Farm Servic Rate 22	æ - Olf Peak l	Retail Markoting F	tate		
		Existing			Proposed			\$ Increase	% Increase	Demand Energy
		CAIstany						S		h
		Billing	Current	Annualized	Billing		Annualized			
		Determinants	Rate	Revenues	Determinants	Rate	Revenues			
Customer Charge		157		\$0	157	\$0.00	\$0			
Costonier Charge		101		••						
									5 200/	458
Energy charge per kWh	204,247	204,247	\$0.04164	8,505	204,247	\$0.04388	8,963	458	5.38%	450
Total from base rates				8,505			8,963	458	5.38%	
Total Rom Dase Tales										
Fuel adjustment				1,847			1,847 704	-	0.00%	
Environmental surcharge				704			704	·····	0.0076	
Total revenues				\$11,056			\$11,514	458	4.14%	
				\$ 70.42			\$ 73.34	2,92	4.14%	
Average Bill				\$ 10.44			• ••••			
					Schedule 30					
				Large i	Power Service Less I	han 50 kW				
					Rate 30					
		Existing			Proposed		1	\$ Increase	% Increase	Demand Energy
		existing								
		Billing	Current	Annualized	Billing		Annualized			
		Determinants	Rate	Revenues	Determinants	Rate	Revenues			
Customer Charge		2,851	\$21.75	\$62,009	2,851	\$21.75	\$62,009	-	0.00%	
							COCO 070 70	~	0.00%	_
Demand Charge		55,302	\$5.22	288,679	55,302	\$5.22				
Energy Charge	13,793,112	13,793,112	\$0.06249	861,932	13,793,112	\$0.06645	916,593	54,661	6.34%	54,661
Total Baseload Charges				\$1,212,620			\$1,267,281	54,661	4.51%	
Fuel adjustment				115,084			115,084	-	0.00%	
Environmental surcharge				88,977			88,977		0.00%	
Total Revenues				\$1,416,681			\$1,471,342	54,661	3.86%	
				\$ 496,91			\$ 516.08	19.17	3.86%	
Average Bill				\$ 490,91			÷ 210.00	+5.17	0.0010	

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Request 1b Attachment Page 4 of 7

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Jackson Energy Cooperative Corporation Billing Analysis for the 12 months ended September 30, 2008

					Schedule 33 Water Pumping Servi Rate 33	ce				
	[Existing			Proposed			§ Increase	% Increase	Demand Energy
		Billing	Current	Annualized	Billing	Data	Annualized Revenues			
	l	Determinants	Rate	Revenues	Determinants	Rate	Revenues			
Customer Charge		72	\$15.25	\$1,098	72	\$15.25	\$1,098	-	0.00%	
Energy Charge	2,065,094	2,065,094	\$0.05704	117,793	2,065,094	\$0.06100	125,977	8,184	6.95%	8,184
Total Baseload Charges			-	\$118,891				(118,891)	~100.00%	
Fuel adjustment Environmental surcharge				16,328 8,677			16,328 8,677		0.00%	
Total Revenues				\$143,895			\$152,079	8,184	5.69%	
Average Bill				\$ 1,998.55			\$ 2,112.21	113.66	5.69%	
				Large Power N	Schedule 40 Nore than 50 kW But I Rate 40	ess Than 275	łW			
	ļ	Existing]	Proposed			\$ Increase	% Increase	Demand Energy
		Billing	Current	Annualized	Billing		Annualized Revenues			
	I	Determinants	Rate	Revenues	Determinants	Rate	Revenues			
Customer Charge		1,833	\$17,90	\$32,811	1,833	\$17.90	\$32,811	•	0.00%	
Demand Charge		194,421	\$4.84	940,998	194,421	\$4.84	\$940,997.99	-	0,00%	-
Energy Charge	59,169,201	59,169,201	\$0.05328	3,152,535	59,169,201	\$0.05724	3,387,018	234,483	7.44%	234,483
Total Baseload Charges				\$4,126,344				(4,126,344)	-100.00%	
Fuel adjustment Environmental surcharge				493,713 302,565			493,713 <u>302,5</u> 65	-	0.00%	
Total Revenues			:	\$4,922,622			\$5,157,105	234,483	4,76%	
Average Bill				\$ 2,685.55			\$ 2,813.48	127.92	4.76%	
				Lan	Schedule 43 ge Power Rate - Over Rate 43	275 KW				
		Existing			Proposed			\$ Increase	% Increase	Demand Energy
		Billing	Current	Annualized	Billing	Rate	Annualized			
		Determinants	Rate	Revenues	Determinants	Kale	<u>Revenues</u>			
Customer Charge		246	\$31.82	\$7,828	246	\$31.82	\$7,828	-	0.00%	
Demand Charge		108,154	\$4,84	\$523,465.36	108,154	\$4,84	523,465		0,00%	•
Energy Charge	36,251,100	36,251,100	\$0.04980	1,805,305	36,251,100	\$0.05376	1,948,965	143,660	7.96%	143,660
Total Baseload Charges				\$2,336,598			\$2,480,258	143,660	6,15%	
Fuel adjustment Environmental surcharge				302,300 169,874			302,300 169,874	-	0.00% 0.00%	
Total Revenues				\$2,808,771			\$2,952,432	143,660	5.11%	
Average Bill				\$ 11,417.77			\$ 12,001.75	583.98	5.11%	

Request 1b Attachment Page 5 of 7

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Jackson Energy Cooperative Corporation Billing Analysis for the 12 months ended September 30, 2006

				Large F	Schedule 46 Power Rate - 500 kW Rate 46	and Over					
	F	Existing			Proposed			S increase	% Increase	Demand	Energy
		Billing Determinants	Current Rate	Annualized Revenues	Billing Determinants	Rate	Annualized Revenues				
Customer Charge		36	\$960.00	\$34,560	36	\$960.00	\$34,560	-	0.00%		
Demand Charge		93,235	\$5,39	502,538	93,235	\$7.29	679,686	177,147	35.25%	177,147	
Energy Charge		42,568,800	\$0.03550	1,511,192	42,568,800	\$0,03550	1,511,192	•	0.00%		
Total Baseload Charges			-	\$2,048,291							
Fuel adjustment Environmental surcharge			-	352,474 155,800			362,474 155,800	-	0.00% 0.00%		
Total Revenues			=	\$2,556,565		,	\$2,733,712	177,147	8.93%		
Average Bill				\$ 71,015.68			\$ 75,935.44	4,920.75	6.93%		
				Large F	Schedule 47 Power Rate 500 kW to Rate 47	4.999 kW					
		Existing			Proposed			\$ Increase	% Increase	Demand	Energy
		Billing Determinants	Current Rate	Annualized Revenues	Billing Determinants	Rate	Annualized Revenues				
Customer Charge		44	\$960.00	\$42,240	44	\$960.00	\$42,240		0.00%		
Demand Excess Demand		50,200 12,280	\$5,39 \$7,82	270,578 96,027	50,200 12,280	\$7.29 \$9.72	365,958 119,358	95,380 23,331	35.25% 24.30%	95,380 23,331	
Energy Charge		27,563,700	\$0.03754	1,034,741	27,563,700	\$0.03754	1,034,741		0.00%		
Total Baseload Charges				\$1,443,586			\$1,562,297				
Fuel adjustment Environmental surcharge				226,516 107,763			226,516 107,763	-	0.00% 0,00%		
Total Revenues				\$1,777,865			\$1,896,577	118,711	6.68%		
Average Bill				\$ 40,406.03			\$ 43,104.02	2,697.98	6.68%		
				Schoo	Schedule 50 Is, Churches & Comr Rate 50	unity Halls					
	C	Existing			Proposed			\$ Increase	% Increase	Demand	Energy
		Billing Determinants	Current Rate	Annualized Revenues	Billing Determinants	Rate	Annualized Revenues				
Customer Charge		1,847	\$9.75	\$18,008	1,847	\$9.75	\$18,008	-	0.00%		
Energy Charge	4,636,550	4,636,550	\$0.07269	337,031	4,636,550	\$0.07665	355,405	18,374	5.45%		18,374
Total Baseload Charges				\$355,039				(355,039)	-100.00%		
Fuel adjustment Environmental surcharge				38,106 23,661			39,108 23,661	-	0.00% 0.00%		
Total Revenues				\$417,809			\$436,183	18,374	4.40%		

\$

Average Bill

226.21

4.40%

9.95

\$ 236.16

Request 1b Altachment Page 6 of 7

> 3,655,565 0.00

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Jackson Energy Cooperative Corporation Billing Analysis for the 12 months ended September 30, 2006

					Schedule 52 All Electric Schools Rate 52							
	ſ	Existing			Proposed			\$ increase	% Increase	Demand	Energy	
		Billing Determinants	Current Rate	Annualized Revenues	Billing Determinants	Rate	Annualized Revenues					
Customer Charge		232	\$40.00	\$9,280	232	\$40.00	\$9,280	•	0.00%			
Energy Charge	8,018,143	8,018,143	\$0.05939	476,198	8,018,143	\$0.06335	507,973	31,775	6.67%		31,775	
Total Baseload Charges				\$485,478				(485,478)	-100.00%			
Fuel adjustment Environmental surcharge				65,796 36,547			65,796 36,547		0.00% 0.00%			
Total Revenues				\$587,821			\$619,596	31,775	5,41%			
Average Bill				\$ 2,533.71			\$ 2,670,67	136.96	5.41%			
		Existing Billing Determinants	Current Rate	Schoo Annualized Revenues	Schedule 60 is, Churches & Comm Rate 60 Proposed Billing Determinants	unity Halls	Annualized Revenues	\$ increase	% Increase	Demand	Energy]	
Customer Charge		6,973	\$9.65	\$67,289	6,973	\$9.65	\$67,289		0.00%			
Energy Charge	7,361,930	7,361,930	\$0.07234	532,562	7,361,930	\$0.07630	561,737	29,175	5.48%		29,175	
Total Baseload Charges				\$599,851				(599,851)	-100.00%			
Fuel adjustment Environmental surcharge				67,297 45,780			67,297 45,780	<u> </u>	0.00%			
Total Revenues							\$740 400	29,175	4 000/			
				\$712,928			\$742,102	23,173	4.09%			
Average Bill				\$712,928 \$ 102,24			\$ 106.43	<u>23,(75</u> 4,16	4,09%			3,655,565 Rev Req
Average Bill Jackson Lighting	19,455,575										77,101	3,655,565 Rev Req
	19,455,575 847,785,523									295,858	77,101	3,655,565 Rev Req 3,359,707 Less Dmd

																								3.81%																				
% Increase			1.30%	2.54%	3.75%	3.75%	4 46%	5 60%	2.00%	e/ 00-7		3 97%	2		5.21%	3 76%	0.84%		2.94%	4.07%	3.32%	/010	0.01%	0.30	1.30%	2 64%	0/ LO-7	0.070	3.75%	4.46%	5,60%	2.05%		0.00%	3.92%		0.00%	5.21%	3 76%	0.81%	70 PO C	0/ 5-0-7	4.01%	3.32%
\$ Increase %					\$ 15.212.58				50,504,4 G		, v	e 182.21		, 63	\$ 562.58					5 1,064.88		00.001 0	\$ //'100.89		SO 12	\$0.24 \$0.24	40.00 00.00	20.20	\$0.28	\$0.62	S1.49	\$0.29		\$0.00	\$0.29		\$0.00	\$0.62	C9 US	\$0.02 \$0.08	90.00	50.00 50.00	\$0.03	\$0.35
	Annualized	Revenues	1,065	3,765	421.021	1 413 633		670'71	63,692 1 005	4,299	1 727	2024	CO 1771	7.199	11 255	1200	010	14,000	11,162	23,846	16,193		2,098,313	8.14																				
sed		Rate	\$9.26	\$13.89	S7.68	¢7 £0	20.00	1440	\$28.09	\$14,24		07.46	10.15	94 75	81 1.2		90.714	26.92	\$12.20	\$14.11	\$10.84				00.00	07.62	513.89	\$7.68	\$7.68	S14.47	\$28.09	\$14 24		AC N2	47 E7	5	54 DR	07.10	04.216	80.718	78.95	\$12.20	\$14.11	240 B4
Proposed	Total kWh		3.450	23.577	052 220 5		12,000,120	782,028	1,119,728	21,744			121,680		000 111	141,800	5,616	28,240	80,520	268,710	131,472		19,455,575																					
	Billing	Determinants	- 1.2	274	C 4 000	000'#0	184,176	5,013	2,978	302		302	1,690	1 200	050'1	016	36	1,412	915	1,690	1,494																							
	Annualized	Revenues	1 051	1001	2/0/6	405,808	1,362,458	69,430	79,215	4,213		1,287	12,303		661,1	10,793	593	13,894	10,843	22,781	15,672		\$ 2,021,212	7.84																				
0	Current	Rate	** 0	1 L C	13.00	7.40	7.40	13.85	26.60	13,95		4.26	7.28		4,26	11.86	16.46	9.84	11.85	13.48	10.49					9.14	13.55	7 40	7 40		10.00	00.02	13.95		4.26	7.28		4.26	11.86	16.46	9.84	11.85	13.48	01.01
Existing	Totos LIMh			3,450	23,577	3,838,730	12,888,120	782,028	1.119.728	21.744			121,680			141,960	5,616	28.240	80.520	268 710	131 472		19,455,575																					
		Determinants		115	271	54,839	184,116	5.013	2.978	302	200	302	1,690		1,690	910	36	1 412	015	010	1 404	tot.	257,773																					
				Sodium Vapor - 5,800 Lumens - Street Light	Sodium Vapor - 22.000 Lumens - Street Light	Sortium Varon - 9.500 Lumens, 100W - Security Light	the second a more 175W . Security 10ht			Mercury Vapor - 1,000W - Froud Light	Mercury Vapor - 175W - Alcom Light Marcine Viapor - 175W - Alcom Head Yard Light	neruny vapor - 11000 - 11000 - 11000 - 11000 - 12000	(et steep start and Mercury Vanor - 175W - Colonial Light	Mercury Vapor - 175W - Colonial Post Yard Light and Pole		Morene Monte - Contra Head Light	Wercury vapor = +0000 - topical tootate i tobt		Sodium Vapor - 4,000 Lumens - Colorial	Sodium Vapor - 27,500 Lumens - Flood Light	Sodium Vapor - 50,000 Lumens - Flood Light	Sodium Vapor - 27,500 Lumens - Cobra Head		(ES and FAC for Lighting Rates included with primary rate class billed to each customer.)	Avenue Invoire	Avelage involve Casterne Venese – Streef i joht	- 0,000 Lungers - Outed Light	Sodium Vapor - ZZ,000 Luffelis - Sueet Light	Sodium Vapor - 9,500 Lumens, 100W - Security Ligni	Mercury Vapor - 7,000 Lumens, 175W - Security Light	Mercury Vapor - 400W - Flood Light	Mercury Vapor - 1,000W - Flood Light	Mercury Vapor - 175W - Alcorn Light	Mercury Vanor - 175W - Alcom Head Yard Light	\$13 95+54 26)	Merrirer Vanor - 175W - Colonial Light	Mercury Vanor - 175W - Colonial Post Yard Light and Pole	ret car 1 car 2	(ar.conar.co) Marrine Manor : MOM - Coora Head Light	Merculy vapor = 400M - Interstate { intt		or - 4,000 Lustrets - Cotomai	Sodium Vapor - 27,500 Lumens - Floou Light	Sodium Vapor - 50.000 Lumens - Flood Light

Jackson Energy Cooperative Corporation Billing Analysis for the 12 months ended September 30, 2006

Street Lighting and Security Lights Outdoor Lighting

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Request 1b Atachment Page 7 of 7 . 1.

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PSC Request 2 Page 1 of 4

JACKSON ENERGY COOPERATIVE PSC CASE NO. 2006-00482 FIRST DATA REQUEST RESPONSE

COMMISSION STAFF'S FIRST DATA REQUEST DATED 3/12/07REQUEST 2RESPONSIBLE PERSON:William A. BostaCOMPANY:Jackson 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, Jackson 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 theApplication, identify the corresponding wholesale Rate Schedule of East KentuckyPower Cooperative, Inc.

Response 2a. Please see the attached information.

Request 2b. Would Jackson 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.

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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 Jackson 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.

Request 2a Attachment Page 1 of 2 i.

The present and proposed rates structures of Jackson Energy Cooperative are listed below:

<u>Schedule</u>	Rate Class	EKPC Sch	Present	Proposed
10	Residential, Farm and Non-Farm Service	E2		_
	Customer Charge		\$8.25/Mo	\$8.25/Mo
	Energy Charge		\$0.06956/kWh	\$0.07355/kWh
11	Residential, Farm and Non-Farm Service – Off Peak	<i>E2</i>		
	Energy Charge		\$0.04174/kWh	\$0.04413
01	Special Dual Fuel Tariff	<i>E2</i>		
•••	Customer Charge		\$1.95/Mo	\$1.95/Mo
	Energy Charge		\$0.06938/kWh	\$0.07334/kWh
20	Commercial, Small Power & Three-Phase Farm Service	<i>E2</i>	••••	4
	Customer Charge		\$10.00/Mo	\$10.00/Mo
	Energy Charge		\$0.06915/kWh	\$0.07314/kWh
30	Large Power Service Less Than 50 kW	<i>E2</i>	•	
	Customer Charge		\$21.75/Mo	\$21.75/Mo
	Demand Charge		\$5.22/kW	\$5.22/kW
	Energy Charge		\$0.06249/kWh	\$0.06645/kWh
33	Water Pumping Service	<i>E2</i>	•••••	•••••
22	Customer Charge		\$15.25/Mo	\$15.25/Mo
	Energy Charge		\$0.05704/kWh	\$0.06100/kWh
40	Large Power More than 50 kW but Less Than 274 kW	<i>E2</i>	\$010210 MAR 12	
40	Customer Charge	~~~~	\$17.90/Mo	\$17.90/Mo
	Demand Charge		\$4.84/kW	\$4.84/kW
	Energy Charge		\$0.05328/kWh	\$0.05724/kWh
43	Large Power Rate – Over 275 kW	<i>E2</i>	\$0.000D0.11.11	\$\$100, <u></u>
4 0	Customer Charge	202	\$31.82/Mo	\$31.82/Mo
	Demand Charge		\$4.84/kW	\$4.84/kW
	Energy Charge		\$0.04980/kWh	\$0.05376/kWh
46	Large Power Rate – 500 kW or More (12-Mo Period)	С	4010 1900 x 11 H	\$01000 / 0/12 / A
40	Customer Charge	e	\$960.00/Mo	\$960.00/Mo
	Demand Charge		\$5.39/kW	\$7.29/kW
	Energy Charge		\$0.03550/kWh	\$0.03550/kWh
47	Large Power Rate – 500 kW to 4,999 kW	B	\$0.05550mm	\$0100000 (MIT)
	Customer Charge		\$960.00/Mo	\$960.00/Mo
	Contract Demand Charge		\$5.39/kW	\$7.29/kW
	Demand Charge in Excess of Contract Demand		\$7.82/kW	\$9.72/kW
	Energy Charge		\$0.03754/kWh	\$0.03754/kWh
48	Large Power Rate 5,000 kW and Above	В		•••••
40	Customer Charge		\$1,069.00/Mo	\$1,069.00/Mo
	Contract Demand Charge		\$5.39/kW	\$7.29/kW
	Demand Charge in Excess of Contract Demand		\$7.82/kW	\$9.72/kW
	Energy Charge		\$0.03014/kWh	\$0.03014/kWh
50	Schools, Community Halls and Community Parks	<i>E2</i>	\$010D0x0x0111	40100 01 011000
50	Customer Charge	A	\$9.75/Mo	\$9.75/Mo
	Energy Charge		\$0.07269/kWh	\$0.07665/kWh
60	Churches	<i>E2</i>		Q 0101 0 00111
00	Customer Charge		\$9.65/Mo	\$9.65/Mo
	Energy Charge		\$0.07234/kWh	\$0.07630/kWh
52	All Electric Schools	<i>E2</i>	,	
<i></i>	Customer Charge	- 1 998	\$40.00/Mo	\$40.00/Mo
	Energy Charge		\$0.05939/kWh	\$0.06335/kWh

Request 2a Attachment Page 2 of 2 ί.,

OL	Outdoor Lighting Service	<i>E2</i>		
	100 Watt Sodium Vapor Security Light		\$7.40/Mo	\$7.68/Mo
	175 Watt Mercury Vapor Security Light		\$7.40/Mo	\$7.68/Mo
	400 Watt Mercury Vapor Flood Light		\$13.85/Mo	\$14.47/Mo
	1,000 Watt Mercury Vapor Flood Light		\$26.60/Mo	\$28.09/Mo
	175 Watt Mercury Vapor Acorn Light		\$13.95/Mo	\$14.24/Mo
	175 Watt Mercury Vapor Colonial Light		\$7.28/Mo	\$7.57/Mo
	400 Watt Mercury Vapor Cobra Head Light		\$11.86/Mo	\$12.48/Mo
	400 Watt Mercury Vapor Interstate Light		\$16.46/Mo	\$17.08/Mo
	4,000 Lumen Sodium Colonial		\$9.84/Mo	\$9.92/Mo
	27,500 Lumen Sodium Floodlight		\$11.85/Mo	\$12.20/Mo
	50,000 Lumen Sodium Floodlight		\$13.48/Mo	\$11.11/Mo
	27,500 Lumen Sodium Cobra Head		\$10.49/Mo	\$10.84/Mo
65	Street Lighting Service	<i>E2</i>		
	Sodium Vapor Light 22,000 Lumens		\$13.55/Mo	\$13.89/Mo
	Sodium Vapor Light 5,800 Lumens		\$9.14/Mo	\$9.26/Mo
22	Commercial, Small Power and 3-Phase Farm Service -	<i>E2</i>		
	Off Peak Retail Marketing Rate			
	Energy Charge		\$0.04164/kWh	\$0.04388/kWh

PSC Request 3 Page 1 of 2

JACKSON ENERGY COOPERATIVE PSC CASE NO. 2006-00482 FIRST DATA REQUEST RESPONSE

COMMISSION STAFF'S FIRST DATA REQUEST DATED 3/12/07REQUEST 3RESPONSIBLE PERSON:William A. BostaCOMPANY:Jackson Energy Cooperative

Request 3. Refer to Exhibit III of the Application.

<u>Request 3a.</u> Prepare the following comparative analyses of Jackson'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.

PSC Request 3 Page 2 of 2

Request 3b. Based upon the results of the analyses prepared in part (a) above, explain in detail how Jackson'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).

<u>Response 3b.</u> 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.

	Present Revenue		Proposed Revenue			
	Total	% of Total	Total	% of Total	\$ Increase	% Increase
Schodule 1 Dusi Eitel	21,761	0.03%	22,772	0.03%	1,011	4.64%
Schodule I Duai 1 uci Schodulo 10 Doc Earm & Non-Farm	58.593.933	72.90%	61,164,284	72.79%	2,570,352	4.39%
Sciedule 10 Nos, 1 atti a Norr atti Sch 11 Dos Form Non-Form Refail Mkf Rafe (FTS)	498,461	0.62%	520,919	0.62%	22,457	4.51%
soch on Comme Sm Dower & 3-Phase Farm	3,880,472	4.83%	4,048,489	4.82%	168,016	4.33%
Soli zo collini, Sili i Sword o'r Faco'r am. Soch 22 Comm. Sm Power & 3-Dhase Farm Ret Mkt (ETS)	11,056	0.01%	11,514	0.01%	458	4.14%
SCI ZZ COUNN, ON LOWCH & CLASS CONTRACT AND CONTRACT AND CONTRACT AND CONTRACT SUCCESSION AND CONTRACT AND CO	1,416,681	1.76%	1,471,342	1.75%	54,661	3.86%
out do Large Jordin Over Over Control	143.895	0.18%	152,079	0.18%	8,184	5.69%
ool oo waxa turiprig oo woo	4,922,622	6,12%	5,157,105	6.14%	234,483	4.76%
	2,808,771	3.49%	2,952,432	3.51%	143,660	5.11%
Solids Larre Davier - 500 kW and Over	2.556,565	3.18%	2,733,712	3.25%	177,147	6.93%
20140 - Laige Fowei - 200 NM and 200	1.777.865	2.21%	1,896,577	2.26%	118,711	6.68%
och eol i caige rowei ouoliw i tuooliw ook eol i cohoolo Chirches & Comm Halls	417.809	0.52%	436,183	0.52%	18,374	4.40%
out ou - outious, other or out the range	587.821	0.73%	619,596	0.74%	31,775	5.41%
son 32 - All Lisoury Sonoos sob so Schools Churches & Community Halls	712,928	0.89%	742,102	0.88%	29,175	4.09%
Surface Lighting and Security Lights	2,021,212	2.51%	2,098,313	2.50%	77,101	3.81%
	80,371,852	100.00%	84,027,417	100,00%	3,655,565	4.55%

Jackson Energy Cooperative Billing Analysis for the 12 months ended September 30, 2006 Request 3a 1 Attachment Page 1 of 1 i.,

Jackson Energy Cooperative Corporation Billing Analysis for the 12 months ended September 30, 2006

Schedule 1 Dual Fuel Rate 1

	Existing]	Proposed				\$ Increase	% increase
	Billing Determinants	Current Rate	Annualized Revenues	% of Rev Class	Billing Determinants	Proposed Rate	Annualized Revenues	% of Rate Class		
Customer Charge	261	\$1.95	\$509	2.80%	261	\$1.95	\$509	2.65%		0.00%
Energy charge per kWh	255,009	\$0.06938	17,693	97.20%	255,009	\$0.07334	18,703	97.35%	1,011	5.71%
Total from base rates			18,201	100.00%		-	19,212	100.00%	1,011	5.55%
Fuel adjustment Environmental surcharge		-	2,141 <u>1,4</u> 18				2,141 1,418		. <u>-</u>	0.00% 0.00%
Total revenues		5	\$21,761	3			\$22,772	-	1,011	4.64%
Average Bill			\$83.38				\$87.25		3.87	4.64%

Schedule 10 Residential, Farm and Non-Farm Service Rate 10

	Existing				Proposed]	\$ Increase	% increase
	Billing Determinants	Current Rate	Annualized Revenues	% of Rev Class	Billing Determinants	Proposed Rate	Annualized Revenues	% of Rate Class		
Customer Charge	559,002	\$8.25	\$4,611,767	9.32%	559,002	\$8.25	\$4,611,767	8,86%	*	0.00%
Energy charge per kWh	645,005,288	\$0.06956	44,866,568	90.67%	645,005,288	\$0.07355	47,436,919	91.13%	2,570,352	5.73%
Renewable Resource Adder			5,539	0.01%			5,539	0.01%	-	0.00%
Total from base rates		-	49,483,873	100.00%			52,054,224	100.00%	2,570,352	5.19%
Fuel adjustment Environmental surcharge		-	5,506,854 3,603,206				5,506,854 3,603,206		-	0.00% 0.00%
Total revenues		=	\$58,593,933			:	\$61,164,284	<u>.</u>	2,570,352	4.39%
Average Bill			\$104.82				\$109.42		4,60	4.39%

Schedule 11 (ETS) Residential, Farm and Non-Farm Service - Of Peak Retail Marketing Rate Rate 11

	Existing				Proposed				\$ Increase	% increase
	Billing Determinants	Current Rate	Annualized Revenues	% of Rev Class	Billing Determinants	Proposed Rate	Annualized Revenues	% of Rate Class		·
Customer Charge	10,681		\$0	0.00%	10,681	\$0.00	\$0	0.00%		
Energy Charge	9,408,205	\$0.04174 _	392,698	100.00%	9,408,205	\$0.04413 _	415,156	100.00%	22,457	5.72%
Total Baseload Charges	×		\$392,698	100.00%			\$415,155.91	100.00%	22,457	5.72%
Fuel Adjustment Environmental Surcharge			78,429 27, <u>334</u>	~		-	78,429 27,334	-	-	0.00% 0.00%
Total Revenues		=	\$498,461				\$520,919	=	22,457	4,51%
Average Bill			\$ 46.67				\$ 48.77		2.10	4.51%

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Jackson Energy Cooperative Corporation Billing Analysis for the 12 months ended September 30, 2006

Schedule 20 Commercial, Small Power & Three-Phase Farm Service Rate 20

	Existing]	Proposed				\$ Increase	% increase
	Billing Determinants	Current Rate	Annualized Revenues	% of Rev Class	Billing Determinants	Proposed Rate	Annualized <u>Revenues</u>	% of Rate Class		
Customer Charge	35,555	\$10.00	\$355,550	10.87%	35,555	\$10.00	\$355,550	10.34%	-	0.00%
Energy charge per kWh	42,162,069	\$0.06915	2,915,507	89.13%	42,162,069	\$0.07314	3,083,523	89.66%	168,016	5.76%
Total from base rates		-	3,271,057	100.00%			3,439,073	100.00%	168,016	5.14%
Fuel adjustment Environmental surcharge			362,975 246,440			_	362,975 246,440			0.00% 0.00%
Total revenues			\$3,880,472	1		-	\$4,048,489	=	168,016	4.33%
Average Bill			\$ 109.14				\$ 113.87		4.73	4.33%

Schedule 22 (ETS) Commercial, Small Power & three-Phase Farm Service - Off Peak Retail Marketing Rate Rate 22

	Existing				Proposed				\$ Increase	% increase
	Billing Determinants	Current Rate	Annualized Revenues	% of Rev Class	Billing Determinants	Proposed Rate	Annualized Revenues	% of Rate Class		
Customer Charge	157		\$0	0.00%	157	\$0.00	\$0	0.00%		
Energy charge per kWh	204,247	\$0.04164	8,505	100.00%	204,247	\$0.04388	8,963	100.00%	458	5.38%
Total from base rates		-	8,505	100.00%			8,963	100.00%	458	5.38%
Fuel adjustment Environmental surcharge			1,847 704				1,847 704_	•	-	0.00% 0.00%
Total revenues		:	\$11,056				\$11,514	=	458	4.14%
Average Bill			\$ 70.42				\$ 73.34		2.92	4.14%

Schedule 30 Large Power Service Less than 50 kW Rate 30

	Existing				Proposed				\$ Increase	% Increase
	Billing Determinants	Current Rate	Annualized Revenues	% of Rev Class	Billing Determinants	Proposed Rate	Annualized Revenues	% of Rate Class		
Customer Charge	2,851	\$21.75	\$62,009	5.11%	2,851	\$21.75	\$62,009	4.89%		0.00%
Demand Charge	55,302	\$5.22	288,679	23.81%	55,302	\$5.22	\$288,678.79	22.78%	~	0.00%
Energy Charge	13,793,112	\$0.06249	861,932	71.08%	13,793,112	\$0.06645	916,593	72.33%	54,661	6.34%
Total Baseload Charges		-	\$1,212,620	100.00%			\$1,267,281	100.00%	54,661	4.51%
Fuel adjustment Environmental surcharge		-	115,084 <u>88,</u> 977	_		-	115,084 88,977		• 	0.00% 0.00%
Total Revenues		=	\$1,416,681			=	\$1,471,342	3	54,661	3.86%
Average Bill			\$ 496.91				\$ 516.08		19.17	3.86%

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Jackson Energy Cooperative Corporation Billing Analysis for the 12 months ended September 30, 2006

Schedule 33 Water Pumping Service Rate 33

	Existing				Proposed				\$ Increase	% Increase
	Billing Determinants	Current Rate	Annualized Revenues	% of Rev Class	Billing Determinants	Proposed Rate	Annualized Revenues	% of Rate Class		
Customer Charge	72	\$15.25	\$1,098	0.92%	72	\$15.25	\$1,098	0.86%	-	0.00%
Energy Charge	2,065,094	\$0.05704	117,793	99.08%	2,065,094	\$0.06100	125,977	99,14%	8,184	6.95%
Total Baseload Charges			\$118,891	100.00%		·	\$127,075	100.00%	8,184	6.88%
Fuel adjustment Environmental surcharge			16,328 8,677				16,328 8,677			0.00% 0.00%
Total Revenues		2	\$143,895			=	\$152,079	:	8,184	5.69%
Average Bill			\$ 1,998.55				\$ 2,112.21		113.66	5,69%
					Schedule 40					

Large Power More than 50 kW But Less Than 275 kW Rate 40

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	Existing	·			Proposed		,		\$ Increase	% Increase
	Billing Determinants	Current Rate	Annualized Revenues	% of Rev Class	Billing Determinants	Proposed Rate	Annualized Revenues	% of Rate Class		
Customer Charge	1,833	\$17.90	\$32,811	0.80%	1,833	\$17.90	\$ 32,811	0.75%	-	0.00%
Demand Charge	194,421	\$4.84	940,998	22.80%	194,421	\$4.84	940,998	21,58%	-	0.00%
Energy Charge	59,169,201	\$0.05328	3,152,535	76.40%	59,169,201	\$0.05724	3,387,018	77.67%	234,483	7.44%
Total Baseload Charges		-	\$4,126,344	100.00%			\$4,360,827	100.00%	234,483	5.68%
Fuel adjustment Environmental surcharge			493,713 302,565				493,713 302,565	, -	- 	0.00% 0.00%
Total Revenues		=	\$4,922,622				\$5,157,105	-	234,483	4.76%
Average Bill			\$ 2,685.55				\$ 2,813.48		127.92	4.76%

Schedule 43 Large Power Rate - Over 275 kW Rate 43

	Existing				Proposed				\$ Increase	% increase
	Billing Determinants	Current Rate	Annualized Revenues	% of Rev Class	Billing Determinants	Proposed Rate	Annualized Revenues	% of Rate Class		
Customer Charge	_ 246	\$31.82	\$7,828	0.34%	246	\$31.82	\$7,828	0.32%	-	0.00%
Demand Charge	108,154	\$4,84	\$523,465.36	22.40%	108,154	\$4.84	523,465	21.11%	м	0.00%
Energy Charge	36,251,100	\$0.04980	1,805,305	77.26%	36,251,100	\$0.05376	1,948,965	78.58%	143,660	7,96%
Total Baseload Charges		-	\$2,336,598	100.00%		•	\$2,480,258	100.00%	143,660	6.15%
Fuel adjustment Environmental surcharge			302,300 169,874				302,300 169,874		<u> </u>	0.00% 0.00%
Total Revenues			\$2,808,771	-			\$2,952,432	=	143,660	5.11%
Average Bill			\$ 11,417.77				\$ 12,001.75		583.98	5.11%

Jackson Energy Cooperative Corporation Billing Analysis for the 12 months ended September 30, 2006

Schedule 46 Large Power Rate - 500 kW and Over Rate 46

	Existing				Proposed				\$ Increase	% Increase
	Billing Determinants	Current Rate	Annualized Revenues	% of Rev Class	Billing Determinants	Proposed Rate	Annualized Revenues	% of Rale Class		
Customer Charge	36	\$960.00	\$34,560	1.69%	36	\$960.00	\$34,560	1.55%		0.00%
Demand Charge	93,235	\$5.39	502,538	24.53%	93,235	\$7.29	679,686	30.54%	177,147	35.25%
Energy Charge	42,568,800	\$0.03550	1,511,192	73.78%	42,568,800	\$0.03550	1,511,192	67.91%	-	0.00%
Total Baseload Charges			\$2,048,291	100.00%		-	\$2,225,438	100.00%		
Fuel adjustment Environmental surcharge			352,474 155,800				352,474 155,800		•	0.00% 0.00%
Total Revenues			\$2,556,565			-	\$2,733,712		177,147	6.93%
Average Bill			\$ 71,015.68				\$75,936.44		4,920.75	6.93%

Schedule 47 Large Power Rate 500 kW to 4,999 kW Rate 47

	Existing				Proposed				\$ Increase	% increase
	Billing Determinants	Current Rate	Annualized Revenues	% of Rev Class	Billing Determinants	Proposed Rate	Annualized Revenues	% of Rate Class		
Customer Charge	44	\$960.00	\$42,240	2.93%	44	\$960.00	\$42,240	2.70%	-	0.00%
Demand Excess Demand	50,200 12,260	\$5.39 \$7.82	270,578 96,027	18.74% 6.65%	50,200 12,280	\$7,29 \$9,72	365,958 119,358	23.42% 7.64%	95,380 23,331	35.25% 24.30%
Energy Charge	27,563,700	\$0,03754	1,034,741	71.68%	27,563,700	\$0.03754	1,034,741	66.23%	-	0.00%
Total Baseload Charges			\$1,443,586	100.00%			\$1,562,297	100.00%		
Fuel adjustment Environmental surcharge		-	226,516 107,763				226,516 107,763		- -	0.00% 0.00%
Total Revenues		=	\$1,777,865				\$1,896,577	=	118,711	6.68%
Average Bill			\$ 40,406.03				\$ 43,104.02		2,697.98	6.68%

Schedule 50 Schools, Churches & Community Halls Rate 50

	Existing				Proposed				\$ Increase	% Increase
	Billing Determinants	Current Rate	Annualized Revenues	% of Rev Class	Billing Determinants	Proposed Rate	Annualized Revenues	% of Rate Class		
Customer Charge	1,847	\$9.75	\$18,008	5.07%	1,847	\$9.75	\$18,008	4.82%	-	0,00%
Energy Charge	4,636,550	\$0.07269	337,031	94,93%	4,636,550	\$0.07665	355,405	95.18%	18,374	5.45%
Total Baseload Charges		-	\$355,039	100.00%			\$373,413	100.00%	18,374	5.18%
Fuel adjustment Environmental surcharge			39,108 23,661				39,108 23,661	.	-	0.00%
Total Revenues		-	\$417,809	1		:	\$436,183	-	18,374	4.40%
Average Bill			\$ 226.21				\$ 236.16		9.95	4.40%

\$ Increase | % Increase

Jackson Energy Cooperative Corporation Billing Analysis for the 12 months ended September 30, 2006

Schedule 52 All Electric Schools Rate 52

Rate 5	2
Proposi	ed

	Existing			
	Billing	Current	Annualized	% of
	Determinants	Rate	Revenues	Rev Class
Customer Charge	232	\$40.00	\$9,280	1.91%
Energy Charge	8,018,143	\$0.05939	476,198	98,09%
Total Baseload Charges	i.		\$485,478	100.00%
Fuel adjustment			65,796	
Environmental surcharge			36,547	
Total Revenues			\$587,821	
Average Bill			\$ 2,533.71	

Billing	Proposed	Annualized	% of		
Determinants	Rate	Revenues	Rate Class		
232	\$40.00	\$9,280	1.79%	•	0.00%
8,018,143	\$0.06335	507,973	98.21%	31,775	6.67%
	-	\$517,253	100.00%	31,775	6.55%
		65,796		-	0.00%
	-	36,547	•		0.00%
	z	\$619,596	ž	31,775	5.41%
		\$ 2,670.67		136.96	5.41%

Schedule 60 Schools, Churches & Community Halls Rate 60

	Existing				Proposed				\$ Increase	% increase
	Billing Determinants	Current Rate	Annualized Revenues	% of Rev Class	Billing Determinants	Proposed Rate	Annualized Revenues	% of Rate Class		
Customer Charge	6,973	\$9.65	\$67,289	11.22%	6,973	\$9.65	\$67,289	10.70%	*	0.00%
Energy Charge	7,361,930	\$0.07234	532,562	88.78%	7,361,930	\$0,07630	561,737	89.30%	29,175	5.48%
Total Baseload Charges		-	\$599,851	100.00%		-	\$629,026	100.00%	29,175	4.86%
Fuel adjustment Environmental surcharge			67,297 45,780			-	67,297 45,780		-	0.00%
Total Revenues		-	\$712,928			=	\$742,102	:	29,175	4.09%
Average Bill			\$ 102.24				\$ 106.43		4.18	4.09%

Jackson Lighting

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Street Lighting and Security Lights Outdoor Lighting

																					3.81%								•													
Increase		1.30%	2.54%	3.75%	3.75%	4.46%	5.60%	2.05%			3.92%		521%	3 76%	0 81%	2010.0	0/ 40.7	4.51%	3.32%	3.81%	0.30		1.30%	2 EAOL	2 75%		3.75%	4.46%	5.60%	2.05%		0.00%	3.92%		0.00%	5.21%	3 76%	0.81%	10405	8/ 10-7 7 6-7 61	2 10 4	3.32%
\$ Increase % Increase					51,074.59	3,099.11	4,437.39				482.21	•	562.58	22.26			1		521.01	\$ 77,100.89			\$0.12	50.24	ac 03	00.00	20.28	\$0.62	\$1.49	\$0.29		\$0.00	\$0.29		\$0.00	\$0.62	S0.62	S0.08	20.05	00.00	30.0¢	cs.US
					%		%		0 20	۹ : ۹ :	% %	% %	%	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				<i>*</i>	8																							
	% to Total	0.05%						1		0.00%				0 03%		0.520		1.14%	-	3 1.0000																						
	Annualized Revenues	1,065	3,765	421,021	1,413,533	72,529	83,652	4,299	100 1	10241	12/121	7,199	11,355	615	14 006	11 163	201111	23,845	16,193	2,098,313	8.14	•																				
Proposed	Rate	\$9.26	\$13.89	\$7.68	\$7.68	\$14.47	\$28.09	\$14.24	ar 14	07.44	10.14	\$4.26	\$12.48	\$17.08	\$0 03	10 01 A	12:2:4	A 4	\$10.84				\$9.26	612 RO	67.60	00.10	21.68	\$14.47	\$28.09	\$14.24		\$4.26	\$7.57		\$4.28	S12.48	S17 08	60.05	00 010	07710	1. 1 9	510.84
4	Total kWh	3,450	23,577	3,838,730	12,888,120	782,028	1,119,728	21,744			121,680		141.960	5616	28.240	80,520	0720100	208,/10	131,472	19,455,575																						
	Billing Determinants	115	271	54,839	184,116	5,013	2,978	302	606	700	1,690	1.690	910	36	1 412	045	010	0.89'1	1,494																							
	% to Total	0.05%	0.18%	20.08%	67.41%	3.44%	3.92%	0.21%	7620 0	0.00%	0.61%	0.36%	0.53%	0 03%	A 60%	0.54%	0/ t-0 '0	1.1.3%	0.78%	1.0000																						
	Annualized Revenues	1,051	3,672	405,809	1,362,458	69,430	79,215	4,213	1 207	107'1	12,303	7,199	10,793	593	13 894	10,001	240,01	22,181	15,672	2,021,212	7.84																					
Existing	Current Rate	9.14	13.55	7.40	7,40	13.85	26.60	13.95		07.4	1.28	4.26	11.86	16 46	0 84	100	0.1	13.48	10.49				9.14	12 65	07.4		7.40	13.85	26.60	13.95		4.26	7.28		4.26	11 86	16.46	0.84	10.00	0.11	04.0	10.49
	Total kWh	3,450	23,577	3,838,730	12,868,120	782,028	1,119,728	21,744			121,680		141 960	5,616	070 80	00 200	076'00	268,710	131,472	19,455,575																						
*****	Billing Determinants	115	271	54,839	184,116	5,013	2,978	302		200	1,690	1.690	910	36	1 110	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C16	1,690	1,494	257,773																						÷
			Sodium Vapor - 22,000 Lumens - Street Light	.,	Mercury Vapor - 7,000 Lumens, 175W - Security Light				196 13-30 283/ Hard 1 have been meeting 1432 have been been been been been been been be	MERCERTY Vapor - 1/1984 - Alcula hadu 1 alu Ligin (> 10.50744.20	Mercury Vapor - 175W - Colonial Light Mercury Vanor - 175W - Colonial Boot Vard Linht and Bola	(57,28+54.26)						.,	Sodium Vapor - 27,500 Lumens - Cobra Head		(ES and FAC for Lighting Rales included with primary rate class billed to each customer.)	Average Invoice	Sodium Vanor - 5 800 Fumens - Street Light	Codium Viener 20 000 Lumane Clarat Link	OVALUATY VARVAT - 2.5000 LATAGES - 20.601 LIGHA	OUGIDIE VERIUE - SCOULEURIS, FULLY - OCUMENT LIGHT	Mercury Vapor - 7,000 Lumens, 175W - Security Light	Mercury Vapor - 400W - Flood Light	Mercury Vapor - 1,000W - Flood Light	Mercury Vapor - 175W - Alcorn Light	Mercury Vapor - 175W - Alcorn Head Yard Light	(\$13.95+\$4.26)	Mercury Vapor - 175W - Colonial Light	Mercury Vapor - 175W - Colonial Post Yard Light and Pole	(\$7.28+\$4.26)	Merry Vanor - 400W - Conra Head Linht	Marcun Venor - 400W - Interstate Linkt	Priciousy version = 10001 - microactic fight			Socium Vapor - Su, uvu Lumens - Filoou Ligin	Sodium Vapor - 27,500 Lumens - Cobra Head
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Request 3a 2 Attachment

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Analysis of Wholesale to Retail Proportionality

M	Wholesale			<u></u>	Retail		
I Gutomar Channa	Existing	Proposed	Change		Existing	Existing Proposed	Change
Metering Point Charge Substation at less than 3 MVA	\$125/Mo. \$944/Mo.	\$125/Mo. \$944/Mo.	। । १२	Customer Charge 10 Residential Customer Charge 10 Residential	\$8.25/Mo \$8.25/Mo	\$8.25/Mo \$8.25/Mo	
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.	ncrease was b red at wholes	ased on the do ale, divided by	llar / 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 de retail, divided b	ollar y kWh.	

Request 3b Attachment Page 1 of 1