



EAST KENTUCKY POWER COOPERATIVE

RECEIVED

DEC 15 2010

PUBLIC SERVICE
COMMISSION

December 15, 2010

HAND DELIVERED

Mr. Jeff Derouen
Executive Director
Public Service Commission
211 Sower Boulevard
Frankfort, Kentucky 40602

Re: PSC Case No. 2010-00176

Dear Mr. Derouen:

Please find enclosed for filing with the Commission in the above-referenced case an original and ten copies of revisions to the response to Request 2, Pages 2 through 7, of Jackson Energy Cooperative's responses to the Commission Staff's Information Request from East Kentucky Power Cooperative, Inc.'s Informal Conference held December 3, 2010. An electronic version of this revised response is included on the attached CD.

Very truly yours,

A handwritten signature in cursive script that reads "Ann F. Wood".

Ann F. Wood
Manager, Regulatory Services

Enclosures

4775 Lexington Road 40391
P.O. Box 707, Winchester,
Kentucky 40392-0707

Tel. (859) 744-4812
Fax: (859) 744-6008
<http://www.ekpc.coop>

A Touchstone Energy Cooperative The logo for Touchstone Energy Cooperative, featuring a stylized sun or starburst design.

Jackson Energy Cooperative
Billing Analysis
for the 12 months ended December 31, 2009

		Present Total Base \$	% of Total Revenue	Proposed Total Base \$	% of Total Revenue	\$ Increase	% Increase
Rate 10	Residential Service	\$ 72,578,856	73.20%	\$ 75,210,046	73.20%	\$ 2,631,190	3.63%
Rate 11	Residential Service - Off Peak Retail Marketing Rate	525,592	0.53%	544,634	0.53%	\$ 19,042	3.62%
Rate 20	Commercial Service Less Than 50 KW	7,394,607	7.46%	7,662,048	7.46%	\$ 267,441	3.62%
Rate 22	Commercial Service - Off Peak Retail Marketing Rate	14,006	0.01%	14,513	0.01%	\$ 507	3.62%
Rate 40	Large Power Loads 50 KW and Over	7,201,254	7.26%	7,462,329	7.26%	\$ 261,075	3.63%
Rate 46	Large Power Rate - 500 KW And Over	1,776,973	1.79%	1,841,387	1.79%	\$ 64,414	3.62%
Rate 47	Large Power Rate - 500 KW and Over	3,811,938	3.84%	3,950,277	3.84%	\$ 138,339	3.63%
Rate 50	Schools, Churches, Community Halls and Community Parks	2,409,787	2.43%	2,497,085	2.43%	\$ 87,298	3.62%
Rate 52	All Electric Schools	852,336	0.86%	883,165	0.86%	\$ 30,828	3.62%
	Street Lighting & Security Lights	2,588,962	2.61%	2,683,467	2.61%	\$ 94,505	3.65%
	Total Base Rates	<u>\$ 99,154,311</u>	<u>100.00%</u>	<u>\$ 102,748,951</u>	<u>100.00%</u>	<u>\$ 3,594,640</u>	<u>3.63%</u>
	Total Green Power	5,855		5,855			
	Total ES Component	5,029,508		5,029,508		-	
	Total FAC Component	1,160,031		1,160,031		-	
	Total Including Surcharges	<u>\$ 105,349,705</u>		<u>\$ 108,944,345</u>		<u>\$ 3,594,640</u>	<u>3.41%</u>
	Jackson's Portion of EKPC's Wholesale Rate Increase					<u>3,590,860</u>	
	Over (Under) Recovery Due to Rounding					\$ 3,780	

Note: In order to appropriately match retail rates to the forecasted test year used for wholesale rates, an escalation factor was applied to each member system's 2009 actual billing determinants. The escalation factors used in this proceeding were an outcome of preliminary load forecast projections.

JACKSON ENERGY COOPERATIVE CORPORATION
 BILLING ANALYSIS
 SUMMARY TOTALS FOR THE 12 MONTH PERIOD ENDED December 31, 2009

Rate 10 Residential Service	Existing						Proposed				Amount of	
	Billing Determinants	Escalation Rate	Billing Units Escalated	Current Rate	Annualized Revenues	% of Total	Billing Determinants	Proposed Rate	Annualized Revenues	% of Total	Increase	% Increase
Customer Charge	555,586	0.83%	560,197	\$ 10.08	5,646,786	7.78%	560,197	\$ 10.44	\$ 5,848,457	7.78%	\$ 201,671	3.57%
Energy charge per kWh	648,724,959	1.59%	659,039,686	0.10156	66,932,071	92.22%	659,039,686	\$0.10525	69,361,589	92.22%	2,429,519	3.63%
Revenue from Base Rates					<u>72,578,856</u>	100.00%			<u>75,210,046</u>	100.00%	2,631,190	3.63%
Environmental Surcharge - Gross					3,783,039				3,783,039			
Fuel Charge - Gross					713,005				713,005			
Renewable Resource Power					5,855				5,855			
Total revenues					<u>77,080,755</u>				<u>\$ 79,711,945</u>		\$ 2,631,190	3.41%
Average Amount Per Customer				\$	137.60		1,176	\$	142.29		\$ 4.70	3.41%

Rate 11 Residential Service - Off Peak Retail Marketing Rate	Existing						Proposed				Amount of	
	Billing Determinants	Escalation Rate	Billing Units Escalated	Current Rate	Annualized Revenues	% of Total	Billing Determinants	Proposed Rate	Annualized Revenues	% of Total	Increase	% Increase
Customer Charge	9,388	0.83%	9,466	\$ -	-	0.00%	9,466	\$ -	\$ -	0.00%		
Energy charge per kWh	8,489,760	1.59%	8,624,747	0.06094	525,592	100.00%	8,624,747	0.06315	544,634	100.00%	\$ 19,042	3.62%
Revenue from Base Rates					<u>525,592</u>	100.00%			<u>544,634</u>	100.00%	19,042	3.62%
Environmental Surcharge - Gross					22,090				22,090			
Fuel Charge - Gross					(11,494)				(11,494)			
Total revenues					<u>\$ 536,188</u>				<u>\$ 555,230</u>		\$ 19,042	3.55%
				\$	56.64			\$	58.66		\$ 2.01	3.55%

JACKSON ENERGY COOPERATIVE CORPORATION
 BILLING ANALYSIS
 SUMMARY TOTALS FOR THE 12 MONTH PERIOD ENDED December 31, 2009

Rate 20 Commercial Service Less Than 50 KW	Existing						Proposed				Amount of	
	Billing Determinants	Escalation Rate	Billing Units Escalated	Current Rate	Annualized Revenues	% of Total	Billing Determinants	Proposed Rate	Annualized Revenues	% of Total	Increase	% Increase
Customer Charge	41,200	1.21%	41,699	\$ 26.51	1,105,440	14.95%	41,699	\$ 27.47	\$ 1,145,472	14.95%	\$ 40,031	3.62%
Energy charge per kWh	67,688,695	1.50%	68,704,025	\$ 0.09154	6,289,166	85.05%	68,704,025	\$ 0.09485	6,516,577	85.05%	227,410	3.62%
Revenue from Base Rates					<u>7,394,607</u>	100.00%			<u>7,662,048</u>	100.00%	267,441	3.62%
Environmental Surcharge - Gross					405,368				405,368			
Fuel Charge - Gross					122,972				122,972			
Total revenues					<u>\$ 7,922,947</u>				<u>\$ 8,190,388</u>		\$ 267,441	3.38%
					\$ 190.00				\$ 196.42		\$ 6.41	3.38%

Rate 22 Commercial Service - Off Peak Retail Marketing Rate	Existing						Proposed				Amount of	
	Billing Determinants	Escalation Rate	Billing Units Escalated	Current Rate	Annualized Revenues	% of Total	Billing Determinants	Proposed Rate	Annualized Revenues	% of Total	Increase	% Increase
Customer Charge	166	1.21%	168	\$ -	\$ -	0.00%	168	\$ -	\$ -	0.00%		
Energy charge per kWh	251,248	1.50%	255,017	0.05492	14,006	100.00%	255,017	0.05691	14,513	100.00%	\$ 507.49	3.62%
Revenue from Base Rates					<u>14,006</u>	100.00%			<u>14,513</u>	100.00%		
Environmental Surcharge - Gross					779				779			
Fuel Adjustment - Gross					(363)				(363)			
Total revenues					<u>\$ 14,422</u>				<u>\$ 14,929</u>		\$ 507.49	3.52%
					\$ 85.84				\$ 88.86		\$ 3.02	3.52%

JACKSON ENERGY COOPERATIVE CORPORATION
 BILLING ANALYSIS
 SUMMARY TOTALS FOR THE 12 MONTH PERIOD ENDED December 31, 2009

Rate 40 Large Power Loads 50 KW and Over	Existing						Proposed				Amount of Increase	% Increase
	Billing Determinants	Escalation Rate	Billing Units Escalated	Current Rate	Annualized Revenues	% of Total	Billing Determinants	Proposed Rate	Annualized Revenues	% of Total		
Customer Charge	1,664	1.21%	1,684	\$ 47.72	\$ 80,360	1.12%	1,684	\$ 49.45	\$ 83,274	1.12%	\$ 2,913	3.63%
Demand Charge	253,121.000		253,121	6.36	1,609,850	22.36%	253,121	6.59	1,668,067	22.35%	58,218	3.62%
Energy charge per kWh	77,554,637	1.50%	78,717,957	0.07001	5,511,044	76.53%	78,717,957	0.07255	5,710,988	76.53%	199,944	3.63%
Revenue from Base Rates					<u>7,201,254</u>	100.00%			<u>7,462,329</u>	100.00%	261,075	3.63%
Environmental Surcharge - Gross					382,478				382,478			
Fuel Adjustment - Gross					<u>156,566</u>				<u>156,566</u>			
Total revenues					<u>\$ 7,740,298</u>				<u>\$ 8,001,373</u>		\$ 261,075	3.37%
					\$ 4,596.38				\$ 4,751.41		\$ 155.03	3.37%

Rate 46 Large Power Rate - 50 KW And Over	Existing						Proposed				Amount of Increase	% Increase
	Billing Determinants	Escalation Rate	Billing Units Escalated	Current Rate	Annualized Revenues	% of Total	Billing Determinants	Proposed Rate	Annualized Revenues	% of Total		
Customer Charge	24		24	\$ 1,042.12	\$ 25,011	1.41%	24	\$ 1,079.86	\$ 25,917	1.41%	\$ 906	3.62%
Demand Charge	45,048	0.28%	45,174	6.60	298,148	16.78%	45,174	6.84	308,990	16.78%	\$ 10,841.76	3.64%
Energy charge per kWh	21,608,400	20.66%	26,072,695	0.05576	1,453,813	81.81%	26,072,695	0.05778	1,506,480	81.81%	\$ 52,666.85	3.62%
Revenue from Base Rates					<u>1,776,973</u>	100.00%			<u>1,841,387</u>	100.00%	\$ 64,414.37	3.62%
Environmental Surcharge - Gross					81,788				81,788			
Fuel Charge - Gross					<u>48,078</u>				<u>48,078</u>			
Total revenues					<u>\$ 1,906,839</u>				<u>\$ 1,971,253</u>		\$ 64,414	3.38%
					\$ 79,451.61				\$ 82,135.55		\$ 2,683.93	3.38%

JACKSON ENERGY COOPERATIVE CORPORATION
 BILLING ANALYSIS
 SUMMARY TOTALS FOR THE 12 MONTH PERIOD ENDED December 31, 2009

	Existing						Proposed				Amount of	
	Billing Determinants	Escalation Rate	Billing Units Escalated	Current Rate	Annualized Revenues	% of Total	Billing Determinants	Proposed Rate	Annualized Revenues	% of Total	Increase	% Increase
Rate 47												
Large Power Rate - 500 KW and Over												
Customer Charge	45		45	\$ 1,042.12	46,895	1.23%	45	\$ 1,079.86	48,594	1.23%	\$ 1,698	3.62%
Demand Charge per contract	77,700	0.28%	77,918	6.60	514,259	13.49%	77,918	6.84	532,959	13.49%	18,700	3.64%
Demand Charge over contract	14,389	0.28%	14,429	9.17	132,314	3.47%	14,429	9.50	137,076	3.47%	4,762	3.60%
Energy charge per kWh	45,534,000	20.66%	54,941,324	0.05676	3,118,470	81.81%	54,941,324	0.05882	3,231,649	81.81%	113,179	3.63%
Revenue from Base Rates					<u>3,811,938</u>	100.00%			<u>3,950,277</u>	100.00%	138,339	3.63%
Environmental Surcharge - Gross					176,887				176,887			
Fuel Charge - Gross					<u>82,086</u>				<u>82,086</u>			
Total revenues					<u>4,070,911</u>				<u>4,209,250</u>		\$ 138,339	3.40%
					\$ 90,464.68				\$ 93,538.89		\$ 3,074.21	3.40%

	Existing						Proposed				Amount of	
	Billing Determinants	Escalation Rate	Billing Units Escalated	Current Rate	Annualized Revenues	% of Total	Billing Determinants	Proposed Rate	Annualized Revenues	% of Total	Increase	% Increase
Rate 50												
Schools, Churches, Community Halls and Community Parks												
Customer Charge	10,303		10,303	\$ 15.91	\$ 163,921	6.80%	10,303	\$ 16.49	\$ 169,896	6.80%	\$ 5,976	3.65%
Energy charge per kWh	22,569,119	1.50%	22,907,656	0.09804	2,245,867	93.20%	22,907,656	0.10159	2,327,189	93.20%	81,322	3.62%
Revenue from Base Rates					<u>2,409,787</u>	100.00%			<u>2,497,085</u>	100.00%	87,298	3.62%
Environmental Surcharge - Gross					132,185				132,185			
Fuel Charge - Gross					<u>32,061</u>				<u>32,061</u>			
Total revenues					<u>\$ 2,574,033</u>				<u>\$ 2,661,331</u>		\$ 87,298	3.39%
					\$ 249.83				\$ 258.31		\$ 8.47	3.39%

JACKSON ENERGY COOPERATIVE CORPORATION
 BILLING ANALYSIS
 SUMMARY TOTALS FOR THE 12 MONTH PERIOD ENDED December 31, 2009

Rate 52 All Electric Schools	Existing						Proposed				Amount of Increase	
	Billing Determinants	Escalation Rate	Billing Units Escalated	Current Rate	Annualized Revenues	% of Total	Billing Determinants	Proposed Rate	Annualized Revenues	% of Total		% Increase
Customer Charge	192		192	\$ 42.42	\$ 8,145	0.96%	192	\$ 43.96	\$ 8,440	0.96%	\$ 296	3.63%
Energy charge per kWh	10,060,673	1.50%	10,211,583	0.08267	844,192	99.04%	10,211,583	0.08566	874,724	99.04%	30,533	3.62%
Revenue from Base Rates					<u>852,336</u>	100.00%			<u>883,165</u>	100.00%	30,828	3.62%
Environmental Surcharge - Gross					44,894				44,894			
Fuel Charge - Gross					17,120				17,120			
Total revenues					<u>\$ 914,350</u>				<u>\$ 945,179</u>		\$ 30,828	3.37%
Avg Customer					\$ 4,762.24				\$ 4,922.80		\$ 160.56	3.37%

Rate Street Lighting & Security Lights	Existing					Proposed				Amount of Increase		
	Billing Units	Total kWh	Current Rate	Annualized Revenues	% of Total	Total kWh	Proposed Rate	Annualized Revenues	% of Total		% Increase	
Sodium Vapor - 22,000 Lumens - Street Light	87	416	36,192	\$ 16.25	\$ 6,760	0.26%	36,192	\$ 16.84	\$ 7,005	0.26%	\$ 245	3.63%
Sodium Vapor - 9,500 Lumens, 100W - Security Light	70	53,925	3,774,750	9.30	501,503	19.37%	3,774,750	9.64	519,837	19.37%	18,335	3.66%
Sodium Vapor - 9,500 Lumens, 100W - Colonial Light	42	40	1,680	7.61	304	0.01%	1,680	7.89	316	0.01%	11	3.68%
15 Ft Aluminum Pole	42	40		4.52	181	0.01%	0	4.68	187	0.01%	6	3.54%
Sodium Vapor - 9,500 Lumens, 100W - Alcorn Light	42	7	294	11.21	78	0.00%	294	11.62	81	0.00%	3	3.66%
Mercury Vapor - 7,000 Lumens, 175W - Security Light	70	185,407	12,978,490	9.30	1,724,285	66.60%	12,978,490	9.64	1,787,323	66.61%	63,038	3.66%
Mercury Vapor - 400W - Flood Light	156	5,857	913,692	17.79	104,196	4.02%	913,692	18.43	107,945	4.02%	3,748	3.60%
Mercury Vapor - 1,000W - Flood Light	376	3,362	1,264,112	35.51	119,385	4.61%	1,264,112	36.80	123,722	4.61%	4,337	3.63%
Mercury Vapor - 175W - Acorn Head Yard Light	72	488	35,136	16.41	8,008	0.31%	35,136	17.00	8,296	0.31%	288	3.60%
15-Ft Aluminum Pole		488		4.52	2,206	0.09%	0	4.68	2,284	0.09%	78	3.54%
Mercury Vapor - 175W - Colonial Light	72	1,706	122,832	9.17	15,644	0.60%	122,832	9.50	16,207	0.60%	563	3.60%
15 Ft Aluminum Pole		1,706		4.52	7,711	0.30%	0	4.68	7,984	0.30%	273	3.54%
Mercury Vapor - 400W - Copra Head Light	156	1,069	166,764	15.63	16,708	0.65%	166,764	16.20	17,318	0.65%	609	3.65%
Mercury Vapor - 400W - Interstate Light	156	420	65,520	20.62	8,660	0.33%	65,520	21.37	8,975	0.33%	315	3.64%
Sodium Vapor - 4,000 Lumens - Colonial	20	1,307	26,140	11.04	14,429	0.56%	26,140	11.44	14,952	0.56%	523	3.62%
Sodium Vapor - 27,500 Lumens - Flood Light	88	935	82,280	14.42	13,483	0.52%	82,280	14.94	13,969	0.52%	486	3.61%
Sodium Vapor - 50,000 Lumens - Flood Light	159	1,369	217,671	17.44	23,875	0.92%	217,671	18.07	24,738	0.92%	862	3.61%
Sodium Vapor - 27,500 Lumens - Cobra Head	88	1,665	146,520	12.94	21,545	0.83%	146,520	13.41	22,328	0.83%	783	3.63%
Street & Security Lights Base Revenue		<u>260,207</u>	<u>19,832,073</u>		<u>\$ 2,588,962</u>	100.00%	<u>19,832,073</u>		<u>\$ 2,683,467</u>	100.00%	<u>\$ 94,505</u>	3.65%
Environmental Surcharge - Gross												
Fuel Charge - Gross												
Total Lighting Revenue		<u>260,207</u>			<u>\$ 2,588,962</u>				<u>\$ 2,683,467</u>		<u>\$ 94,505</u>	3.65%
					\$ 9.95				\$ 10.31		\$ 0.36	3.65%