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PUBLIC SERVICE  
COMMISSION

ROY E. TOOMS  
(1917-1986)

January 12, 2009

*Via Hand Delivery*

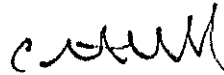
Mr. Jeff Derouen  
Executive Director  
Public Service Commission  
211 Sower Boulevard  
Frankfort, Kentucky 40602

Re: PSC Case No. 2008-00418

Dear Mr. Derouen:

Please find enclosed for filing with the Commission in the above-referenced case an original and five copies of the responses of Jackson Energy Cooperative Corporation to the Commission Staff's Initial Data Request, dated December 19, 2008.

Very truly yours,



Clayton O. Oswald

Enclosures

COO/rlc

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

IN THE MATTER OF:

APPLICATION OF JACKSON ENERGY	)	
COOPERATIVE TO PASS-THROUGH AN	)	CASE NO.
INCREASE OF ITS WHOLESALE POWER	)	2008-00418
SUPPLIER PURSUANT TO KRS 278.455(2)	)	

CERTIFICATE

STATE OF KENTUCKY )  
 )  
 COUNTY OF CLARK )

James C. Lamb, Jr., being duly sworn, states that he has supervised the preparation of the responses of Jackson Energy Cooperative to the Public Service Commission Staff Initial Data Request in the above-referenced case dated December 19, 2008, and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.

James C. Lamb, Jr.

Subscribed and sworn before me on this 12<sup>th</sup> day of January, 2009.

Deanna S. Griffin  
 Notary Public

My Commission expires:

December 8, 2009

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

IN THE MATTER OF:

APPLICATION OF JACKSON ENERGY	)	
COOPERATIVE TO PASS-THROUGH AN	)	CASE NO.
INCREASE OF ITS WHOLESALE POWER	)	2008-00418
SUPPLIER PURSUANT TO KRS 278.455(2)	)	

CERTIFICATE

STATE OF KENTUCKY )  
 )  
 COUNTY OF CLARK )

Ann F. Wood, being duly sworn, states that she has supervised the preparation of the responses of Jackson Energy Cooperative to the Public Service Commission Staff Initial Data Request in the above-referenced case dated December 19, 2008, and that the matters and things set forth therein are true and accurate to the best of her knowledge, information and belief, formed after reasonable inquiry.

Ann F. Wood

Subscribed and sworn before me on this 9<sup>th</sup> day of January, 2009.

Reagan S. Griffin  
 Notary Public

My Commission expires:

December 8, 2009

**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

<b>APPLICATION OF JACKSON ENERGY</b>	)	
<b>COOPERATIVE TO PASS-THROUGH AN</b>	)	<b>CASE NO.</b>
<b>INCREASE OF ITS WHOLESALE POWER</b>	)	<b>2008-00418</b>
<b>SUPPLIER PURSUANT TO KRS 278.455(2)</b>	)	

**RESPONSES TO COMMISSION STAFF'S INITIAL DATA REQUEST  
TO JACKSON ENERGY COOPERATIVE  
DATED DECEMBER 19, 2008**

—

**JACKSON ENERGY COOPERATIVE  
PSC CASE NO. 2008-00418  
INITIAL DATA REQUEST RESPONSE**

**COMMISSION STAFF'S INITIAL DATA REQUEST DATED 12/19/08  
REQUEST 1**

**RESPONSIBLE PERSON:** Ann F. Wood  
**COMPANY:** Jackson Energy Cooperative

**Request 1.** Provide the workpapers, spreadsheets, etc. which show the calculation of the increase, by individual wholesale rate schedule, in Jackson's cost of power from East Kentucky Power Cooperative, Inc that Jackson is proposing to flow through to its customers. Include a brief narrative description of the data being provided.

**Response 1.** Please see pages 2 through 4 of this response. EKPC multiplied the projected wholesale billing units for all members for the test year by the EKPC existing rates to determine revenue before the rate increase. The revenue increase was then proportioned to EKPC rate classes in order to develop proposed rates. After the proposed wholesale rates were developed, the new rates were applied to the same projected billing units proportionally among all rate classes. These rates were then applied to the projected wholesale billing units of each member system, in order to determine their proportionate share of EKPC's revenue requirements.

Please note that the wholesale increase on pages 2 and 3 totals \$5,646,103, and differs slightly from the retail increase of \$5,646,147 as filed in the pass-through application dated October 31, 2008 (Exhibit 3, Page 1 of 6). This slight under recovery is a result of rounding.

EKPC  
Jackson  
Rate E  
Option 2

Description	Current Rate		Billing Units	Rate	Calculated Billings	Description	Billing Units	Rate	Calculated Billings
	Rate	Calculated Billings							
<b>Metering Point Charge</b> All Customers	348	\$ 125.00	\$ 43,500.00	348	\$ 138.00	\$ 48,024.00			
<b>Substation charges</b>									
Substation 1,000 - 2,999 kVa	-	\$ 944.00	\$ -	-	\$ 1,041.00	\$ -			
Substation 3,000 - 7,499 kVa	24	\$ 2,373.00	\$ 56,952.00	24	\$ 2,617.00	\$ 62,808.00			
Substation 7,500 - 14,999 kVa	240	\$ 2,855.00	\$ 685,200.00	240	\$ 3,149.00	\$ 755,760.00			
Substation > 15,000 kVa	84	\$ 4,605.00	\$ 386,820.00	84	\$ 5,079.00	\$ 426,636.00			
	348		\$ 1,128,972.00	348		\$ 1,245,204.00			
<b>Demand Charge</b> All Kw	2,323,696	\$ 5.22	\$ 12,129,693.12	2,323,696	\$ 5.76	\$ 13,384,488.96			
<b>Energy Charge</b>									
On-Peak (April - July)	161,549,414	\$ 0.042470	\$ 6,861,003.61	505,983,388	\$ 0.046844	\$ 23,702,285.83			
Off-Peak (April - July)	120,030,867	\$ 0.034904	\$ 4,189,557.38	479,573,155	\$ 0.038499	\$ 18,463,086.89			
On-Peak (Aug - March)	344,433,974	\$ 0.042470	\$ 14,628,110.88	985,556,543		\$ 42,165,372.72			
Off-Peak (Aug - March)	359,542,288	\$ 0.034904	\$ 12,549,464.02						
	985,556,543		\$ 38,228,135.89						
	985,556,543								
FAC		\$ 0.007604	\$ 7,494,171.95			\$ 7,494,171.95			
ES		13.62%	\$ 8,039,133.22			\$ 8,039,133.22			
Power Factor			\$ -			\$ -			
<b>Total Billings</b>			\$ 67,063,606.18			\$ 72,376,394.85			
Increase/(Decrease)						\$ 5,312,788.67			
Percent Change						7.92%			

EKPC  
Jackson  
Rate B

Description	Current Rate		Pro Rata	
	Billing Units	Rate	Billing Units	Rate
<b>Demand Charge</b>				
Base kW	60,613	\$ 6.22	60,613	\$ 6.86
Excess kW	1,366	\$ 8.65	1,366	\$ 9.54
Interruptible kW	-	(2.25)	-	-
Buy-Through \$	-	\$ -	-	\$ -
<b>Energy Charge</b>				
All kWh	36,718,724	\$ 0.033455	36,718,724	\$ 0.036901
	36,718,724	\$ 1,228,424.91		\$ 1,354,957.63
		\$ 1,617,253.67		\$ 1,783,794.45
FAC		\$ 0.007604		\$ 279,209.18
ES		13.62%		\$ 258,298.24
Power Factor		\$ -		\$ -
<b>Total Billings</b>		\$ 2,154,761.09		\$ 2,321,301.87
Increase/(Decrease)				\$ 166,540.78
Percent Change				7.73%



EKPC  
Jackson  
Rate C

Pro Rata  
Calculated  
Billings

Current Rate

Description	Billing Units	Rate	Calculated Billings	Description	Billing Units	Rate	Calculated Billings
Demand Charge Billing kW	76,519	\$ 6.22	\$ 475,948.18	Demand Charge Billing kW	76,519	\$ 6.86	\$ 524,920.34
Energy Charge All kWh	34,184,808 kWh	\$ 0.033455	\$ 1,143,652.75	Energy Charge All kWh	34,184,808 kWh	\$ 0.036901	\$ 1,261,453.60
	34,184,808		\$ 1,619,600.93				\$ 1,786,373.94
FAC		\$ 0.007604	\$ 259,941.28	FAC			\$ 259,941.28
ES		13.62%	\$ 255,993.65	ES			\$ 255,993.65
Power Factor			\$ -	Power Factor			\$ -
<b>Total Billings</b>			<b>\$ 2,135,535.86</b>	<b>Total Billings</b>			<b>\$ 2,302,308.87</b>
				Increase/(Decrease)			\$ 166,773.01
				Percent Change			7.81%

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**JACKSON ENERGY COOPERATIVE  
PSC CASE NO. 2008-00418  
INITIAL DATA REQUEST RESPONSE**

**COMMISSION STAFF'S INITIAL DATA REQUEST DATED 12/19/08  
REQUEST 2**

**RESPONSIBLE PERSON: James C. Lamb, Jr./Ann F. Wood**

**COMPANY: Jackson Energy Cooperative**

**Request 2.** Refer to Exhibit 3 of the application. The billing analysis shows various rate schedules with escalation percentages applied to the billing determinants. Explain the need for the escalation percentages and provide workpapers, spreadsheets, etc. for the calculation of the percentages, as well as a narrative explanation of how the percentages were determined.

**Response 2.** Since EKPC is using a forecasted test period, the increase is calculated based on projected billing determinants. In order to appropriately match retail rates to the forecasted test year used for wholesale rates, an escalation factor was used. The escalated data was applied to Residential and Small Commercial classes only due to the wide variance and unpredictable nature of the Large Commercial/Industrial class.

The Attachment shows the escalation percentages calculated by the Resource Planning Department of EKPC and the supporting calculations.

EKPC prepares a load forecast by working jointly with its member systems in preparing their individual load forecasts. Factors considered in preparing the forecasts include national, regional, and local economic performance, appliance saturations and

efficiencies, population and housing trends, service area industrial development, electric price, household income, and weather. Each member system reviews the preliminary forecast for reasonability.

The general steps followed by EKPC in developing its load forecast are summarized as follows:

EKPC subscribes to Global Insight, Inc., in order to analyze regional economic performance. Global Insight provides EKPC projections for population, employment, and income as well as other variables.

EKPC prepares a preliminary forecast for each of its member systems for each classification using monthly data as reported on the Rural Utilities Services (RUS) Form 7, which contains publicly available retail sales data for member systems. These include: residential, seasonal, small commercial, public buildings, large commercial, and other. EKPC's sales to member systems are then determined by adding distribution losses to total retail sales. Seasonal peak demands are determined by applying peak factors for heating, cooling, and water heating to energy.

The supplementary spreadsheets in the Attachment contain the data resulting from the above-described process. The growth rates for energy sales, winter peak demand, and customers are based upon the monthly forecasts for the test period.

Escalation - Jackson

Escalation - MWH - Energy	
Time Period	MWH Sales
May 2008 to April 2009	957,618
May 2009 to April 2010	968,685
Percent change	1.2%

Escalation - MW - Demand	
Time Period	
Winter 2009-2010	290.8
Winter 2010-2011	294.9
Percent change	1.4%

Escalation - Customers - Residential	
Time Period	Average Annual Customers
2009	48,264
2010	48,664
Percent change	0.8%

Escalation - Customers - Small Commercial	
Time Period	Average Annual Customers
2009	3,699
2010	3,739
Percent change	1.1%

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**JACKSON ENERGY COOPERATIVE**  
**PSC CASE NO. 2008-00418**  
**INITIAL DATA REQUEST RESPONSE**

**COMMISSION STAFF'S INITIAL DATA REQUEST DATED 12/19/08**  
**REQUEST 3**

**RESPONSIBLE PERSON:** Ann F. Wood

**COMPANY:** Jackson Energy Cooperative

**Request 3.** Refer to Exhibit 3 of the application. The billing analysis does not include an analysis of Rate 48, Large Power Rate 5,000 kW and Above. Are there any customers taking service under this rate? If yes, explain why the rate schedule is not included in the billing analysis and provide an updated analysis.

**Response 3.** There are currently no customers taking service on Rate Schedule 48. These rates were increased by the same percentage as the rate classes with active customers.