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March 24, 2009

RECEIVED

MAR 24 2009

PUBLIC SERVICE
COMMISSION

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

VIA: HAND DELIVERY

Re: Public Service Commission Case No: 2008-00423

Dear Mr. Derouen:

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 Shelby Energy Cooperative, Inc., to the Commission Staff's Second Data Request dated March 18, 2009.

Yours Truly,

MATHIS, RIGGS & PRATHER, P.S.C.

By: 

Donald T. Prather
Counsel for Shelby Energy
Cooperative, Inc.

Enclosures

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

IN THE MATTER OF:

APPLICATION OF SHELBY ENERGY)	
COOPERATIVE, INC. TO PASS-THROUGH AN)	CASE NO.
INCREASE OF ITS WHOLESALE POWER)	2008-00423
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 Shelby Energy Cooperative, Inc. to the Public Service Commission Staff Second Data Request in the above-referenced case dated March 18, 2009, 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 20th day of March, 2009.

Beggy S. Griffin
 Notary Public

My Commission expires:

December 8, 2009

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF SHELBY ENERGY)	
COOPERATIVE, INC. TO)	CASE NO.
PASS-THROUGH AN INCREASE OF ITS)	2008-00423
WHOLESALE POWER SUPPLIER PURSUANT)	
TO KRS 278.455(2))	

**RESPONSES TO COMMISSION STAFF'S SECOND DATA REQUEST
TO SHELBY ENERGY COOPERATIVE, INC.
DATED MARCH 18, 2009**

SHELBY ENERGY COOPERATIVE, INC.

PSC CASE NO. 2008-00423

SECOND DATA REQUEST RESPONSE

COMMISSION STAFF'S SECOND DATA REQUEST DATED 03/18/09

REQUEST 1

RESPONSIBLE PERSON: Ann F. Wood

**COMPANY: Shelby Energy Electric Cooperative
Corporation**

Request 1. Provide the workpapers, spreadsheets, etc. that show the calculation of the increase, by individual wholesale rate schedule, in Shelby's cost of power from East Kentucky Power Electric, Inc. ("EKPC") that Shelby proposes to flow through to its customers based on the rates contained in the March 13, 2009 Settlement Agreement filed by EKPC in Case No. 2008-00409 ("Settlement Agreement").

Response 1. Please see pages 2 through 4 for the calculation of the increase by individual wholesale rate schedule.

EKPC Revenue Increase by Member System - Based on Settlement

	A			D			E		B		C	
	Base Revenue	FAC, ES	Total - Existing Rates	Base Revenue per Settlement	Calculated Increase	FAC, ES	Total before Rounding	Round to \$59.5 M	Total Per Settlement	B-A or D+E	C / A	
Big Sandy E	15,479,475	4,632,597	20,112,072	16,942,004	1,462,529	4,632,597	21,574,601	(890)	21,573,711	1,461,639	7.27%	
Blue Grass E	61,130,076	18,234,897	79,364,973	66,905,788	5,775,712	18,234,897	85,140,685	(3,512)	85,137,172	5,772,200	7.27%	
Blue Grass B	11,112,841	3,687,220	14,800,061	12,165,315	1,052,474	3,687,220	15,852,535	(654)	15,851,881	1,051,820	7.11%	
Blue Grass Total	72,242,917	21,922,117	94,165,033	79,071,103	6,828,186	21,922,117	100,993,219	(4,166)	100,989,053	6,824,020		
Clark E	25,994,706	7,821,067	33,815,773	28,451,167	2,456,460	7,821,067	36,272,233	(1,496)	36,270,737	2,454,964	7.26%	
Cumberland Valley E	29,286,707	8,876,911	38,163,618	32,054,278	2,767,571	8,876,911	40,931,189	(1,689)	40,929,501	2,765,883	7.25%	
Farmers E	25,765,586	7,891,794	33,657,381	28,200,647	2,435,061	7,891,794	36,092,441	(1,489)	36,090,953	2,433,572	7.23%	
Farmers C	2,902,631	956,091	3,858,722	3,177,544	274,913	956,091	4,133,635	(171)	4,133,464	274,742	7.12%	
Farmers Total	28,668,217	8,847,885	37,516,103	31,378,191	2,709,974	8,847,885	40,226,076	(1,659)	40,224,417	2,708,314		
Fleming-Mason E	25,341,624	7,668,304	33,009,928	27,736,377	2,394,753	7,668,304	35,404,682	(1,461)	35,403,221	2,393,293	7.25%	
Fleming-Mason C	7,679,330	2,543,180	10,222,510	8,406,642	727,312	2,543,180	10,949,822	(452)	10,949,370	726,860	7.11%	
Fleming-Mason G	9,233,903	3,186,976	12,420,880	10,106,772	872,868	3,186,976	13,293,748	(548)	13,293,200	872,320	7.02%	
Fleming-Mason Station	9,867,458	3,593,578	13,461,036	10,802,419	934,961	3,593,578	14,395,997	(594)	14,395,403	934,367	6.94%	
FM Pumping Station	2,843,748	387,318	3,231,066	2,843,748	-	387,318	3,231,066	-	3,231,066	-	0.00%	
FM Total	54,966,063	17,379,357	72,345,420	59,895,958	4,929,895	17,379,357	77,275,315	(3,055)	77,272,260	4,926,840		
Grayson E	14,788,949	4,439,166	19,228,115	16,186,450	1,397,501	4,439,166	20,625,617	(851)	20,624,766	1,396,650	7.26%	
Grayson C	720,982	231,828	952,810	789,271	68,290	231,828	1,021,100	(42)	1,021,058	68,247	7.16%	
Grayson Total	15,509,931	4,670,994	20,180,925	16,975,722	1,465,791	4,670,994	21,646,716	(893)	21,645,823	1,464,898		
Inter-County E	24,229,314	7,243,050	31,472,364	26,518,634	2,289,320	7,243,050	33,761,684	(1,393)	33,760,291	2,287,927	7.27%	
Inter-County B	2,444,633	800,470	3,245,103	2,676,167	231,534	800,470	3,476,636	(143)	3,476,493	231,390	7.13%	
Inter-County Total	26,673,947	8,043,520	34,717,467	29,194,801	2,520,853	8,043,520	37,238,321	(1,536)	37,236,784	2,519,317		
Jackson E	51,640,808	15,533,305	67,174,113	56,520,418	4,879,610	15,533,305	72,053,723	(2,972)	72,050,751	4,876,638	7.26%	
Jackson B	1,631,878	537,507	2,169,385	1,786,432	154,554	537,507	2,323,940	(96)	2,323,844	154,459	7.12%	
Jackson C	1,625,925	515,935	2,141,860	1,779,934	154,009	515,935	2,295,868	(95)	2,295,774	153,914	7.19%	
Jackson Total	54,898,611	16,586,748	71,485,358	60,086,784	5,188,173	16,586,748	76,673,531	(3,163)	76,670,368	5,185,010		
Licking Valley E	15,691,068	4,733,378	20,424,446	17,173,787	1,482,719	4,733,378	21,907,164	(904)	21,906,261	1,481,815	7.26%	
Nolin E	34,599,310	10,441,601	45,040,912	37,868,776	3,269,466	10,441,601	48,310,377	(1,993)	48,308,384	3,267,473	7.25%	
Nolin B	2,411,185	792,757	3,203,942	2,639,549	228,364	792,757	3,432,306	(142)	3,432,164	228,223	7.12%	
Nolin G	5,418,903	1,894,383	7,313,286	5,931,177	512,273	1,894,383	7,825,559	(323)	7,825,236	511,951	7.00%	
Nolin Total	42,429,398	13,128,741	55,558,139	46,439,502	4,010,103	13,128,741	59,568,242	(2,457)	59,565,785	4,007,646	7.21%	
Owen E	55,769,700	16,991,184	72,760,884	61,061,271	5,291,571	16,991,184	78,052,455	(3,220)	78,049,235	5,288,351	7.27%	
Owen B	9,230,752	3,100,872	12,331,625	10,104,948	874,196	3,100,872	13,205,821	(545)	13,205,276	873,651	7.08%	
Owen Lg Special Contr	36,324,802	13,238,369	49,563,171	36,994,071	669,269	13,238,369	50,232,440	(2,072)	50,230,368	667,197	1.35%*	
Owen Total	101,325,254	33,330,425	134,655,680	108,160,290	6,835,036	33,330,425	141,490,716	(5,837)	141,484,879	6,829,199	5.07%	
Salt River E	54,109,148	16,414,505	70,523,653	59,222,470	5,113,322	16,414,505	75,636,975	(3,120)	75,633,855	5,110,202	7.25%	
Salt River B	4,804,674	1,571,700	6,376,374	5,259,733	455,058	1,571,700	6,831,432	(282)	6,831,150	454,776	7.13%	
Salt River Total	58,913,822	17,986,205	76,900,027	64,482,203	5,568,380	17,986,205	82,468,407	(3,402)	82,465,005	5,564,978		
Shelby E	17,273,731	5,199,157	22,472,888	18,906,054	1,632,323	5,199,157	24,105,211	(994)	24,104,216	1,631,329	7.26%	
Shelby B	8,271,289	2,747,767	11,019,056	9,054,642	783,353	2,747,767	11,802,409	(487)	11,801,922	782,866	7.10%	
Shelby Total	25,545,020	7,946,924	33,491,944	27,960,696	2,415,676	7,946,924	35,907,620	(1,481)	35,906,138	2,414,195		
So Ky E	60,726,833	18,217,505	78,944,337	66,464,823	5,737,991	18,217,505	84,682,328	(3,493)	84,678,835	5,734,497	7.26%	
So Ky B	2,991,172	964,910	3,956,081	3,274,480	283,309	964,910	4,239,390	(175)	4,239,215	283,134	7.16%	
So Ky C	3,781,377	1,211,664	4,993,041	4,139,542	358,166	1,211,664	5,351,206	(221)	5,350,986	357,945	7.17%	
South Kentucky Total	67,499,381	20,394,078	87,893,459	73,878,846	6,379,465	20,394,078	94,272,924	(3,889)	94,269,035	6,375,576		
Taylor E	25,365,883	7,654,596	33,020,479	27,762,800	2,396,917	7,654,596	35,417,397	(1,461)	35,415,936	2,395,456	7.25%	
Taylor B	391,703	125,608	517,311	428,804	37,101	125,608	554,411	(23)	554,388	37,078	7.17%	
Taylor C	878,739	293,616	1,172,355	961,962	83,224	293,616	1,255,579	(52)	1,255,527	83,172	7.09%	
Taylor Pumping Station	1,689,753	230,144	1,919,897	1,689,753	-	230,144	1,919,897	-	1,919,897	-	0.00%	
Taylor Total	28,326,078	8,303,964	36,630,042	30,843,319	2,517,242	8,303,964	39,147,284	(1,536)	39,145,748	2,515,706		
Total All Classes	663,450,596	204,604,910	868,055,506	722,988,649	59,538,053	204,604,910	927,593,559	(38,053)	927,555,506	59,500,000	6.85%	

* Owen's large special contract has a large interruptible load - the interruptible Credit increased significantly.

EKPC Annual Billing Based on Settlement
Shelby
Rate E
Option 2

Current Rate				Proposed Rates				
Description	Billing Units	Rate	Calculated Billings	Description	Billing Units	Rate	Calculated Billings	
Metering Point Charge				Metering Point Charge				
All Customers	155	\$ 125.00	\$ 19,375.00	All Customers	155	\$ 137.00	\$ 21,235.00	9.60%
Substation charges				Substation charges				
Substation 1,000 - 2,999 kVa	-	\$ 944.00	\$ -	Substation 1,000 - 2,9	-	\$ 1,033.00	\$ -	
Substation 3,000 - 7,499 kVa	12	\$ 2,373.00	\$ 28,476.00	Substation 3,000 - 7,4	12	\$ 2,598.00	\$ 31,176.00	9.48%
Substation 7,500 - 14,999 kVa	96	\$ 2,855.00	\$ 274,080.00	Substation 7,500 - 14,	96	\$ 3,125.00	\$ 300,000.00	9.46%
Substation > 15,000 kVa	35	\$ 4,605.00	\$ 161,175.00	Substation > 15,000 k'	35	\$ 5,041.00	\$ 176,435.00	9.47%
	143		\$ 463,731.00				\$ 507,611.00	9.46%
Demand Charge				Demand Charge				
All Kw	753,943	\$ 5.22	\$ 3,935,582.46	All Kw	753,943	\$ 5.71	\$ 4,305,014.53	
Interr kW	-	\$ (3.15)	\$ -	Interr kW	#REF!		#REF!	
Energy Charge	kWh			Energy Charge	kWh			
On-Peak	172,694,220	\$ 0.042470	\$ 7,334,323.52	On-Peak	172,694,220	\$ 0.046491	\$ 8,028,726.98	
Off-Peak	158,168,656	\$ 0.034904	\$ 5,520,718.77	Off-Peak	158,168,656	\$ 0.038209	\$ 6,043,466.18	
	330,862,876		\$ 12,855,042.29		330,862,876		\$ 14,072,193.16	9.47%
			\$ 17,273,730.75				\$ 18,906,053.69	
FAC		\$ 0.007604	\$ 2,515,881.31	FAC			\$ 2,515,881.31	
ES		13.62%	\$ 2,695,345.16	ES			\$ 2,695,345.16	
Total Billings			\$ 22,484,957.22	Total Billings			\$ 24,117,280.16	
				Increase/(Decrease)			\$ 1,632,322.94	
				Percent Change				7.26%

EKPC Annual Billing Based on Settlement
Shelby B
Rate B

Current Rate				Proposed Rates				
Description	Billing Units	Rate	Calculated Billings	Description	Billing Units	Rate	Calculated Billings	
Demand Charge				Demand Charge				
Base kW	294,224	\$ 6.22	\$ 1,830,073.28	Base kW	294,224	\$ 6.81	\$ 2,003,665.44	9.49%
Excess kW	5,724	8.65	49,512.60	Excess kW	5,724	9.47	54,206.28	9.48%
Energy Charge				Energy Charge				
All kWh	191,053,754	\$ 0.033455	\$ 6,391,703.34	All kWh	191,053,754	\$ 0.036622	\$ 6,996,770.58	9.47%
	191,053,754		\$ 8,271,289.22				\$ 9,054,642.30	9.47%
FAC		\$ 0.007604	\$ 1,452,772.75	FAC			\$ 1,452,772.75	
ES		13.62%	\$ 1,324,417.24	ES			\$ 1,324,417.24	
Total Billings			<u>\$ 11,048,479.21</u>	Total Billings			<u>\$ 11,831,832.28</u>	
				Increase/(Decrease)			\$ 783,353.08	
				Percent Change				7.09%

SHELBY ENERGY COOPERATIVE, INC.

PSC CASE NO. 2008-00423

SECOND DATA REQUEST RESPONSE

COMMISSION STAFF'S SECOND DATA REQUEST DATED 03/18/09

REQUEST 2

RESPONSIBLE PERSON: Ann F. Wood

**COMPANY: Shelby Energy Electric Cooperative
Corporation**

Request 2. Provide the proof of revenues for the increase in rates that Shelby proposes to implement to recover the increased wholesale power costs it will incur as a result of the Settlement Agreement.

Response 2. Please see response 3 for the increase in rates allocated on a proportional basis.

SHELBY ENERGY COOPERATIVE, INC.

PSC CASE NO. 2008-00423

SECOND DATA REQUEST RESPONSE

**COMMISSION STAFF'S SECOND DATA REQUEST DATED 03/18/09
REQUEST 3**

RESPONSIBLE PERSON: Ann F. Wood

**COMPANY: Shelby Energy Electric Cooperative
Corporation**

Request 3. Provide analyses which demonstrate the increase has been allocated on a proportional basis to each class and within each tariff, in a manner that does not change Shelby's rate design. The analyses are to be provided in both paper copy and electronic Excel format with all formulas intact.

Response 3. Please see the proportional analysis on pages 2 through 5 of this response and also provided in electronic format on the attached CD.

Shelby Energy Cooperative
Billing Analysis
for the 12 months ended June 30, 2008

	Present Total Base \$	% of Total Revenue	Proposed Total Base \$	% of Total Revenue	\$ Increase	% Increase
Schedule 1 General Service	\$ 8,954,167	27.76%	\$ 9,624,066	27.76%	\$ 669,898	7.48%
Schedule ETS Off-Pk Retail Mkt Rate	25,099	0.08%	26,978	0.08%	1,879	7.49%
Schedule 2 Lg Power Service >50 kW	2,835,942	8.79%	3,048,749	8.79%	212,807	7.50%
Schedule 3 - Outdoor & Str Lighting	363,360	1.13%	390,603	1.13%	27,243	7.50%
Schedule 10 - Optional Res, Church & School	10,462,829	32.44%	11,245,415	32.43%	782,586	7.48%
Schedule B-1 Lg Industrial Rate	7,275,385	22.55%	7,819,470	22.55%	544,085	7.48%
Sch B-2 Lg Industrial Rate	2,340,879	7.26%	2,515,629	7.26%	174,750	7.47%
Total Base Rates	\$ 32,257,661	100.00%	\$ 34,670,910	100.00%	\$ 2,413,249	7.48%
Total FAC Component	2,856,264		2,856,264		-	
Total ES Component	2,077,957		2,077,957		-	
Total Including Surcharges	\$ 37,191,882		\$ 39,605,131		\$ 2,413,249	6.49%
					2,414,195	
					Under-recovered - Rounding	(946)

Shelby Energy Cooperative Billing Analysis
for the 12 months ended June 30, 2008

Schedule 1
General Service
Rate 1; 11, 14; 31

Actual Billing Data	Escalation %	Existing (escalated)				Proposed				\$ Increase	% Increase	
		Billing Determinants	Current Rate	Annualized Revenues	% of Total	Billing Determinants	Proposed Rate	Annualized Revenues	% of Total			
Customer Charge	100,188	2.14%	102,332	\$7.37	\$754,187	8.42%	102,332	\$7.92	810,470	8.42%	56,283	7.46%
Energy charge per kWh												
First 600 kWh	58,890,573	3.30%	60,833,962	\$0.07574	4,607,564	51.46%	60,833,962	\$0.08141	4,952,493	51.46%	344,929	7.49%
Next 1400 kWh	38,107,537	3.30%	39,365,086	\$0.07394	2,910,654	32.51%	39,365,086	\$0.07947	3,128,343	32.51%	217,689	7.48%
all over 2000 kWh	9,091,915	3.30%	9,391,948	\$0.07259	681,762	7.61%	9,391,948	\$0.07802	732,760	7.61%	50,998	7.48%
Total from base rates					<u>8,954,167</u>	100.00%			<u>9,624,066</u>	100.00%	<u>669,898.38</u>	
Green Power					1,711				1,711			
Fuel adjustment					630,231				630,231		-	
Environmental surcharge					<u>584,831</u>				<u>584,831</u>		-	
Total revenues					<u>\$10,170,940</u>				<u>10,840,838</u>		<u>669,898</u>	<u>6.59%</u>
Average Bill					\$99.39			1,071	\$ 105.94		6.55	6.59%

Schedule ETS
Off-Peak Retail Marketing Rate
Rate 9; 29

ETS is stated rate - not required to be 60% of appl energy..

Actual Billing Data	Escalation %	Existing (escalated)				Proposed				\$ Increase	% Increase	
		Billing Determinants	Current Rate	Annualized Revenues	% of Total	Billing Determinants	Proposed Rate	Annualized Revenues	% of Total			
Customer Charge			1,102	\$0	0.00%	1,102	\$0.00	-	0.00%	-		
Sch 9 27 Cust, Sch 29 68 Cust												
Energy charge per kWh	557,918	3.30%	576,329	\$0.04355	25,099	100.00%	576,329	\$0.04681	26,978	100.00%	1,879	7.49%
Total from base rates					<u>25,099</u>	100.00%			<u>26,978</u>	100.00%	<u>1,879</u>	<u>7.49%</u>
Fuel adjustment					2,220				2,220		-	0.00%
Environmental surcharge					<u>1,550</u>				<u>1,550</u>		-	0.00%
Total revenues					<u>\$28,869</u>				<u>30,748</u>		<u>1,879</u>	<u>6.51%</u>
Average Bill					\$26.20			\$ 27.90	\$ 27.90		\$ 1.70	6.51%

Schedule 2
Large Power Service >50kW
Rate 2; 5; 21; 32

Actual Billing Data	Escalation %	Existing (escalated)				Proposed				\$ Increase	% Increase	
		Billing Determinants	Current Rate	Annualized Revenues	% of Total	Billing Determinants	Proposed Rate	Annualized Revenues	% of Total			
Customer Charge	732	1.19%	741	\$0.00	\$0	0.00%	741	\$0.00	-	0.00%	-	
Demand Charge	124,833	1.90%	127,205	\$4.62	587,686	20.72%	127,205	\$4.97	632,208	20.74%	44,522	7.58%
Energy Charge												
First 100 kWh Per KW	8,357,765	3.30%	8,633,571	\$0.06163	532,087	18.76%	8,633,571	\$0.06624	571,888	18.76%	39,801	7.48%
Next 100 kWh Per KW	7,191,916	3.30%	7,429,249	\$0.05591	415,369	14.65%	7,429,249	\$0.06009	446,424	14.64%	31,054	7.48%
All over 200 kWh Per KW	25,084,539	3.30%	25,912,329	\$0.05020	1,300,799	45.87%	25,912,329	\$0.05396	1,398,229	45.86%	97,430	7.49%
Total Baseload Charges					<u>\$2,835,942</u>	100.00%			<u>\$3,048,749</u>	100.00%	<u>212,807</u>	<u>7.50%</u>
Fuel adjustment					254,823				254,823		-	0.00%
Environmental surcharge					<u>185,639</u>				<u>185,639</u>		-	0.00%
Total revenues					<u>\$3,276,404</u>				<u>3,489,211</u>		<u>212,807</u>	<u>6.50%</u>
Average Bill					\$ 4,423.32			\$ 4,710.62	\$ 4,710.62		\$ 287.30	6.50%

Shelby Energy Cooperative Billing Analysis
for the 12 months ended June 30, 2008

Schedule 10
Optional Residential, Church and School Service
Rate 10; 13; 40; 88

Actual Billing Data	Escalation %	Existing (escalated)				Proposed				\$ Increase	% Increase	
		Billing Determinants	Current Rate	Annualized Revenues	% of Total	Billing Determinants	Proposed Rate	Annualized Revenues	% of Total			
Customer Charge												
Single Phase	80,561 2.14%	82,285	\$11.65	\$958,620	9.16%	82,285	\$12.52	1,030,208	9.16%	71,588	7.47%	
Three-Phase Service	133 2.14%	136	\$30.29	\$4,115	0.04%	136	\$32.56	4,423	0.04%	308	7.49%	
Energy charge per kWh	143,629,647 3.30%	148,369,425	\$0.06403	9,500,094	90.80%	148,369,425	\$0.06882	10,210,784	90.80%	710,690	7.48%	
Total from base rates				<u>10,462,829</u>	100.00%			<u>11,245,415</u>	100.00%	<u>782,586</u>	<u>7.48%</u>	
Green Power				1,859				1,859				
Fuel adjustment				836,434				836,434		-	0.00%	
Environmental surcharge				<u>682,058</u>				<u>682,058</u>		-	0.00%	
Total revenues				<u>\$11,983,180</u>				<u>12,765,766</u>		<u>782,586</u>	<u>6.53%</u>	
Average Bill				\$ 145.39		\$ 1,800.14		\$ 154.89		9.49	6.53%	

Shelby Energy Cooperative Billing Analysis
for the 12 months ended June 30, 2008

Schedule B-1
Large Industrial Rate
Rate 8; 38

Actual Billing Data	Escalation %	Existing (escalated)				Proposed				\$ Increase	% Increase
		Billing Determinants	Current Rate	Annualized Revenues	% of Total	Billing Determinants	Proposed Rate	Annualized Revenues	% of Total		
Customer Charge	145 0.00%	145	\$549.32	\$79,651	1.09%	145	\$590.43	85,612	1.09%	5,961	7.48%
Demand Charge	236,740 1.90%	241,238	\$5.53	1,334,046	18.34%	241,238	\$5.94	1,432,954	18.33%	98,908	7.41%
Excess Demand	19,495 1.90%	19,865	\$8.03	159,519	2.19%	19,865	\$8.63	171,438	2.19%	11,919	7.47%
Energy Charge											
First 100 kW	128,461,890 3.30%	132,701,132	\$0.04297	5,702,168	78.38%	132,701,132	\$0.04619	6,129,465	78.39%	427,298	7.49%
Total Baseload Charges				<u>\$7,275,385</u>	100.00%			<u>7,819,470</u>	100.00%	<u>544,085</u>	<u>7.48%</u>
Fuel adjustment				825,455				825,455		-	0.00%
Environmental surcharge				<u>469,000</u>				<u>469,000</u>		-	0.00%
Total Revenues				<u>\$8,569,840</u>				<u>9,113,925</u>		<u>544,085</u>	<u>6.35%</u>
Average Bill				\$ 59,102.34				\$ 62,854.66		\$ 3,752.31	6.35%

Schedule B-2
Large Industrial Rate
Rate 28

Actual Billing Data	Escalation %	Existing (escalated)				Proposed				\$ Increase	% Increase
		Billing Determinants	Current Rate	Annualized Revenues	% of Total	Billing Determinants	Proposed Rate	Annualized Revenues	% of Total		
Customer Charge	12 0.00%	12	\$1,097.60	\$13,171	0.56%	12	\$1,179.75	14,157	0.56%	986	7.48%
Demand Charge	87,600 1.90%	89,264	\$5.53	493,632	21.09%	89,264	\$5.94	530,231	21.08%	36,598	7.41%
Excess Demand	3,500 1.90%	3,567	\$8.03	28,639	1.22%	3,567	\$8.63	30,779	1.22%	2,140	7.47%
Energy Charge											
Per kWh	46,188,175 3.30%	47,712,385	\$0.03784	1,805,437	77.13%	47,712,385	\$0.04067	1,940,463	77.14%	135,026	7.48%
Total Baseload Charges				<u>\$2,340,879</u>	100.00%			<u>2,515,629</u>	100.00%	<u>174,750</u>	<u>7.47%</u>
Fuel adjustment				306,272				306,272		-	0.00%
Environmental surcharge				<u>153,293</u>				<u>153,293</u>		-	0.00%
Total Revenues				<u>\$2,800,444</u>				<u>2,975,194</u>		<u>174,750</u>	<u>6.24%</u>
Average Bill				\$ 233,370.33				\$247,932.84		\$14,562.51	6.24%

Shelby Energy Cooperative Billing Analysis
for the 12 months ended June 30, 2008

	Existing					Proposed				\$ Increase	% Increase
	# Customers	kWh	Current Rate	Annualized Revenues	% of Total	Billing Determinants	Proposed Rate	Annualized Revenues	% of Total		
Rate 3, Outdoor & Street Lighting											
100 Watt HPS Security light	42,323	1,650,597	\$6.93	293,298	80.72%	42,323	\$7.45	315,306	80.72%	22,008	7.50%
250 Watt Directional Flood	3,706	322,422	\$10.06	37,282	10.26%	3,706	\$10.81	40,062	10.26%	2,780	7.46%
100 Watt Decorative Colonial	891	34,749	\$9.39	8,366	2.30%	891	\$10.09	8,990	2.30%	624	7.45%
400 Watt Directional Flood	1,648	262,032	\$13.73	22,627	6.23%	1,648	\$14.76	24,324	6.23%	1,697	7.50%
150 Watt Decorative Acorn	160	9,280	\$11.16	1,786	0.49%	160	\$12.00	1,920	0.49%	134	7.53%
Total Base Rates	48,728	2,279,080		\$ 363,360	100.00%	48,728		390,603	100.00%	27,243	7.50%
FAC				829				829		-	
ES				1,586				1,586		-	
Total				\$ 365,775				\$ 393,018		27,243	7.45%
Average Bill				\$ 7.51				\$ 8.07		0.56	7.45%

SHELBY ENERGY COOPERATIVE, INC.

PSC CASE NO. 2008-00423

SECOND DATA REQUEST RESPONSE

**COMMISSION STAFF'S SECOND DATA REQUEST DATED 03/18/09
REQUEST 4**

RESPONSIBLE PERSON: Ann F. Wood

**COMPANY: Shelby Energy Electric Cooperative
Corporation**

Request 4. Provide a statement showing, by cross-outs and italicized inserts, all proposed changes in rates. A copy of the current tariff may be used.

Response 4. Please see pages 2 through 17 for revised tariff sheets indicating the proposed change in rates.

PSC Request 4
Page 2 of 17

Form for filing Rate Schedule

FOR All Territory Served
Community, Town or City

P.S.C. NO. 5
2nd Revised Sheet No. 1

Shelby Energy Cooperative, Inc.
Shelbyville, Kentucky
Name of Issuing Corporation

Canceling P.S.C. NO. 5
1st Revised Sheet No. 1

CLASSIFICATION OF SERVICE	
GENERAL SERVICE - RATE 1	Rate Per Unit
<p><u>AVAILABILITY:</u></p> <p>Available for commercial, small power, single-phase service, and residential and farm consumers and for three-phase loads below 50 KW, subject to the established Rules and Regulations of the Seller. Consumer having a peak demand exceeding 20 KW may at the direction of Seller be billed a demand charge as shown below.</p> <p><u>TYPE OF SERVICE:</u></p> <p>Single-phase and three-phase, 60 Hertz, at available secondary voltage.</p> <p><u>MONTHLY RATE:</u></p> <p><u>Demand Charge:</u></p> <p>First 20 KW of billing demand per month, no demand charge. Excess above 20 KW of billing demand per month @ \$4.62 \$4.97 per KW.</p>	

DATE OF ISSUE March 24, 2009

DATE EFFECTIVE: April 1, 2009

ISSUED BY _____
Name of Officer

TITLE President & CEO

Form for filing Rate Schedule

FOR All Territory Served
Community, Town or City

P.S.C. NO. 5
4th Revised Sheet No. 2

Shelby Energy Cooperative, Inc.
Shelbyville, Kentucky
Name of Issuing Corporation

Cancelling P.S.C. NO. 5
3rd Revised Sheet No. 2

CLASSIFICATION OF SERVICE						
GENERAL SERVICE - RATE 1						Rate Per Unit
<u>Rate</u>						
<u>Energy Charge</u>						
	Consumer Facility Charge			\$ 7.37 \$7.92	(minimum)	
First	600	kWh per month	\$ 0.07574	\$ 0.08141	per kWh	
Next	1,400	kWh per month	\$ 0.07394	\$ 0.07947	per kWh	
All Over	2,000	kWh per month	\$ 0.07259	\$ 0.07802	per kWh	
<u>DETERMINATION OF BILLING DEMAND:</u>						
The billing demand shall be the maximum kilowatt demand established by the consumer for any period of fifteen (15) consecutive minutes during the month for which the bill is rendered, as indicated or recorded by a demand meter and adjusted for power factor as provided hereafter.						
<u>POWER FACTOR ADJUSTMENT:</u>						
The consumer agrees to maintain unity power factor as nearly as practicable. Power factor may be measured at any time. Should such measurements indicate that the power factor at the time of his maximum demand is less than 0.90 (90%), the demand for billing purposes shall be the demand as indicated or recorded by the demand meter multiplied by 0.90 (90%) and divided by the power factor.						

DATE OF ISSUE March 24, 2009

DATE EFFECTIVE: April 1, 2009

ISSUED BY _____
Name of Officer

TITLE President & CEO

Form for filing Rate Schedule

FOR All Territory Served
Community, Town or City

P.S.C. NO. 5
1st Revised Sheet No. 3

Shelby Energy Cooperative, Inc.
Shelbyville, Kentucky
Name of Issuing Corporation

Canceling P.S.C. NO. 5
Original Sheet No. 3

CLASSIFICATION OF SERVICE		
GENERAL SERVICE - RATE 1	Rate Per Unit	
<p>MINIMUM MONTHLY CHARGE:</p> <p>The minimum monthly charge under the above rate shall be \$7.37 \$7.92 . Where it is necessary to extend or reinforce existing distribution facilities, the minimum monthly charge may be increased to assure adequate compensation for added facilities. Where the minimum charge is increased in accordance with the terms of this section, additional energy and demand shall be included in accordance with the foregoing rate schedule.</p> <p>The minimum monthly charge for three-phase service shall be \$1.00 per KVA of installed transformer capacity or the minimum monthly charge stated in the contract for service.</p> <p>SPECIAL PROVISIONS:</p> <p><u>Contract</u></p> <p>An "Agreement for Purchase of Power" shall be executed by the consumer for service under this rate schedule if the service is to be three-phase, or if required by the Seller.</p> <p>TERMS OF PAYMENT:</p> <p>The above rates are net; the gross rates are 10% higher. In the event the current monthly bill is not paid by the due date as shown on the bill, the gross rate shall apply.</p>		

DATE OF ISSUE March 24, 2009

DATE EFFECTIVE: April 1, 2009

ISSUED BY _____
Name of Officer

TITLE President & CEO

Form for filing Rate Schedule

FOR All Territory Served
Community, Town or City

P.S.C. NO. 5
4th Revised Sheet No. 5

Shelby Energy Cooperative, Inc.
Shelbyville, Kentucky
Name of Issuing Corporation

Cancelling P.S.C. NO. 5
3rd Revised Sheet No. 5

CLASSIFICATION OF SERVICE																
LARGE POWER SERVICE - RATE 2	Rate Per Unit															
<p><u>AVAILABILITY:</u></p> <p>Available to all consumers whose KW demand shall be greater than 50 KW, including residential and farm consumers who do not qualify under availability of service under Rate 1, located on or near Seller's line for all types of usage, subject to the established Rules and Regulations of Seller.</p>																
<p><u>TYPES OF SERVICE:</u></p> <p>Three -phase, 60 Hertz, available at Sellers's standard voltage</p>																
<p><u>RATE:</u></p> <p><u>Demand Charge</u></p> <p>\$4.62 \$4.97 per month per KW of billing demand</p> <p><u>Energy Charge</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">First</td> <td style="width: 35%;">100 kWh per KW demand</td> <td style="width: 15%; text-align: right;">\$ 0.06163</td> <td style="width: 15%; text-align: right;">\$ 0.06624</td> <td style="width: 20%;">per kWh</td> </tr> <tr> <td>Next</td> <td>100 kWh per KW demand</td> <td style="text-align: right;">\$ 0.05594</td> <td style="text-align: right;">\$ 0.06009</td> <td>per kWh</td> </tr> <tr> <td>All Over</td> <td>200 kWh per KW demand</td> <td style="text-align: right;">\$ 0.05020</td> <td style="text-align: right;">\$ 0.05396</td> <td>per kWh</td> </tr> </table>		First	100 kWh per KW demand	\$ 0.06163	\$ 0.06624	per kWh	Next	100 kWh per KW demand	\$ 0.05594	\$ 0.06009	per kWh	All Over	200 kWh per KW demand	\$ 0.05020	\$ 0.05396	per kWh
First	100 kWh per KW demand	\$ 0.06163	\$ 0.06624	per kWh												
Next	100 kWh per KW demand	\$ 0.05594	\$ 0.06009	per kWh												
All Over	200 kWh per KW demand	\$ 0.05020	\$ 0.05396	per kWh												

DATE OF ISSUE March 24, 2009

DATE EFFECTIVE: April 1, 2009

ISSUED BY _____
Name of Officer

TITLE President & CEO

PSC Request 4
Page 6 of 17

Form for filing Rate Schedule

FOR All Territory Served
Community, Town or City

P.S.C. NO. 5
5th Revised Sheet No. 9

Shelby Energy Cooperative, Inc.
Shelbyville, Kentucky
Name of Issuing Corporation

Cancelling P.S.C. NO. 5
4th Revised Sheet No. 9

CLASSIFICATION OF SERVICE			
OUTDOOR AND STREET LIGHTING SERVICE - RATE 3			Rate Per Unit
<u>AVAILABILITY:</u>			
Available to all consumers of the Cooperative, subject to the established Rules and Regulations of the Cooperative.			
<u>TYPE OF SERVICE:</u>			
Cooperative will furnish, install, and maintain at no extra expense to the consumer, a lighting unit, in accordance with the rate schedule and conditions of service below. Cooperative will make all necessary electrical connections and furnish electricity for same which shall be controlled by a photocell to energize the unit from dusk to dawn.			
<u>RATES:</u>			
	Type of Fixture		
A.	HPS (High Pressure Sodium)	100 Watt Security Light	\$6.93 \$7.45
B.	HPS (High Pressure Sodium)	100 Watt Decorative Colonial Light	\$9.39 \$10.09
C.	HPS (High Pressure Sodium)	400 Watt Directional Flood and Security and Street Light	\$13.73 \$14.76
D.	HPS (High Pressure Sodium)	250 Watt Directional Flood and Security and Street Light	\$10.06 \$10.81
E.	HPS (High Pressure Sodium)	150 Watt Decorative Acorn Light	\$11.16 \$12.00

DATE OF ISSUE March 24, 2009 DATE EFFECTIVE: April 1, 2009

ISSUED BY _____ TITLE President & CEO
Name of Officer

Form for filing Rate Schedule

FOR All Territory Served
Community, Town or City

P.S.C. NO. 5
6th Revised Sheet No. 15

Shelby Energy Cooperative, Inc.
Shelbyville, Kentucky
Name of Issuing Corporation

Cancelling P.S.C. NO. 5
5th Revised Sheet NO 15

CLASSIFICATION OF SERVICE		Rate Per Unit
OFF-PEAK RETAIL MARKETING RATE (ETS)		
<u>AVAILABILITY OF SERVICE:</u>		
<p>This special marketing rate is made as an attachment to Rate GS-1 & Rate 10 and all other terms of that rate apply except those covered here. It is available for specific marketing programs as approved by Shelby Energy's Board of Directors.</p> <p>The electric power furnished under this marketing program shall be separately metered for each point of delivery and is applicable during the below listed off-peak hours. This rate is available to customers already receiving service under Rate GS-1 & Rate 10. This marketing rate applies only to programs which are expressly approved by the Public Service Commission to be offered under the Marketing Rate of East Kentucky Power Cooperative's Wholesale Power Rate Schedule E.</p>		
<u>Months</u>	<u>Hours Applicable - EST</u>	
May through September	10:00 P.M. to 10:00 A.M.	
October through April	12:00 Noon to 5:00 P.M. 10:00 P.M. to 7:00 A.M.	
<u>Rates</u>		
The energy rate for this program is as listed below:		
All kWh	\$0.04355	\$0.04681 per kWh

DATE OF ISSUE March 24, 2009

DATE EFFECTIVE: April 1, 2009

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Name of Officer

TITLE President & CEO

Form for filing Rate Schedule

FOR All Territory Served
Community, Town or City

P.S.C. NO. 5
4th Revised Sheet No. 17

Shelby Energy Cooperative, Inc.
Shelbyville, Kentucky
Name of Issuing Corporation

Cancelling P.S.C. NO. 5
3rd Revised Sheet No. 17

CLASSIFICATION OF SERVICE	
LARGE INDUSTRIAL RATE - SCHEDULE B1	Rate Per Unit
<u>AVAILABILITY:</u>	
Applicable to contracts with demands of 500 to 4,999 KW with a monthly energy usage equal to or greater than 400 hours per KW of contract demand.	
<u>MONTHLY RATE:</u>	
Consumer Charge	\$ 549.32 \$ 590.43
Demand Charge per KW of Contract Demand	\$ 5.53 \$ 5.94
Demand Charge per KW for Billing Demand in Excess of Contract Demand	\$ 8.03 \$ 8.63
Energy Charge per kWh	\$ 0.04297 \$ 0.04619
<u>BILLING DEMAND:</u>	
The billing demand (kilowatt demand) shall be the contract demand plus any excess demand. Excess demand occurs when the consumer's peak demand during the current month exceeds the contract demand. The load center's peak demand is the highest average rate at which energy is used during any fifteen-minute interval in the below listed hours for each month and adjusted for power factor as provided herein:	
<u>Months</u>	<u>Hours Applicable for Demand Billing - EST</u>
October through April	7:00 A.M. to 12:00 Noon 5:00 P.M. to 10:00 P. M.
May through September	10:00 A.M. to 10:00 P.M.

DATE OF ISSUE March 24, 2009

DATE EFFECTIVE: April 1, 2009

ISSUED BY _____
Name of Officer

TITLE President & CEO

PSC Request 4
Page 9 of 17

Form for filing Rate Schedule

FOR All Territory Served
Community, Town or City

P.S.C. NO. 5
4th Revised Sheet No. 20

Shelby Energy Cooperative, Inc.
Shelbyville, Kentucky
Name of Issuing Corporation

Cancelling P.S.C. No. 5
3rd Revised Sheet No. 20

CLASSIFICATION OF SERVICE	
LARGE INDUSTRIAL RATE - SCHEDULE B2	Rate Per Unit
<u>AVAILABILITY:</u>	
Applicable to contracts with demands of 5,000 to 9,999 KW with a monthly energy usage equal to or greater than 400 hours per KW of contract demand.	
<u>MONTHLY RATE:</u>	
Consumer Charge	\$ 1,097.60 \$ 1,179.75
Demand Charge per KW of Contract Demand	\$ 5.53 \$ 5.94
Demand Charge per KW for Billing Demand in Excess of Contract Demand	\$ 8.03 \$ 8.63
Energy Charge per kWh	\$ 0.03784 \$ 0.04067
<u>BILLING DEMAND:</u>	
The billing demand (kilowatt demand) shall be the contract demand plus any excess demand. Excess demand occurs when the consumer's peak demand during the current month exceeds the contract demand. The load center's peak demand is the highest average rate at which energy is used during any fifteen-minute interval in the below listed hours for each month and adjusted for power factor as provided herein:	
<u>Months</u>	<u>Hours Applicable for Demand Billing - EST</u>
October through April	7:00 A.M. to 12:00 Noon 5:00 P.M. to 10:00 P. M.
May through September	10:00 A.M. to 10:00 P.M.

DATE OF ISSUE March 24, 2009 DATE EFFECTIVE: April 1, 2009

ISSUED BY _____ TITLE President & CEO
Name of Officer

Form for filing Rate Schedule

FOR All Territory Served
Community, Town or City

P.S.C. NO. 5
4th Revised Sheet No. 23

Shelby Energy Cooperative, Inc.
Shelbyville, Kentucky
Name of Issuing Corporation

Cancelling P.S.C. No. 5
3rd Revised Sheet No. 23

CLASSIFICATION OF SERVICE		Rate Per Unit
LARGE INDUSTRIAL RATE - SCHEDULE B3		
<u>AVAILABILITY:</u>		
Applicable to contracts with demands of 10,000 kW and over with a monthly energy usage equal to or greater than 400 hours per kW of contract demand.		
<u>MONTHLY RATE:</u>		
Consumer Charge		
Transformer Size of 10,000 - 14,999 kVa	\$ 3,059.74	\$ 3,288.73
Transformer Size of 15,000 kVa and greater	\$ 4,856.57	\$ 5,220.04
Demand Charges per kW		
Contract Demand	\$ 5.53	\$ 5.94
Billing Demand in Excess of Contract Demand	\$ 8.03	\$ 8.63
Energy Charge per kWh	\$ 0.03681	\$ 0.03956
<u>BILLING DEMAND:</u>		
The billing demand (kilowatt demand) shall be the contract demand plus any excess demand. Excess demand occurs when the consumer's peak demand during the current month exceeds the contract demand. The consumer's peak demand is the highest average rate at which energy is used during any fifteen-minute interval in the below listed hours for each month and adjusted for power factor as provided herein:		
<u>Months</u>	<u>Hours Applicable for Demand Billing - EST</u>	
October through April	7:00 A.M. to 12:00 Noon 5:00 P.M. to 10:00 P. M.	
May through September	10:00 A.M. to 10:00 P.M.	

DATE OF ISSUE March 24, 2009

DATE EFFECTIVE: April 1, 2009

ISSUED BY _____
Name of Officer

TITLE President & CEO

Form for filing Rate Schedule

FOR All Territory Served
Community, Town or City
 P.S.C. NO. 5
 4th Revised Sheet No. 26
 Cancelling P.S.C. No. 5
 3rd Revised Sheet No. 26

Shelby Energy Cooperative, Inc.
Shelbyville, Kentucky
 Name of Issuing Corporation

CLASSIFICATION OF SERVICE		Rate Per Unit
LARGE INDUSTRIAL RATE - SCHEDULE C1		
<u>AVAILABILITY:</u>		
<p>Applicable to contracts with demands of 500 to 4,999 KW with a monthly energy usage equal to or greater than 400 hours per KW of contract billing demand. These contracts will be two "two-party" contracts with the first one being between the Seller and the Cooperative association and the second one being between the Seller and the ultimate consumer.</p>		
<u>MONTHLY RATE:</u>		
Consumer Charge	\$ 549.32	\$ 590.43
Demand Charge per KW of billing demand	\$ 5.53	\$ 5.94
Energy Charge per kWh	\$ 0.04297	\$ 0.04619
<u>BILLING DEMAND:</u>		
<p>The monthly billing demand shall be the greater of (a) or (b) listed below:</p> <p>(a) The contract demand</p> <p>(b) The ultimate consumer's peak demand during the current month or preceding eleven months. The peak demand shall be the highest average rate at which energy is used during any fifteen-minute interval in the below listed hours for each month and adjusted for power factor as provided herein:</p>		
<u>Months</u>	<u>Hours Applicable for Demand Billing - EST</u>	
October through April	7:00 A.M. to 12:00 Noon 5:00 P.M. to 10:00 P. M.	
May through September	10:00 A.M. to 10:00 P.M.	

DATE OF ISSUE March 24, 2009 DATE EFFECTIVE: April 1, 2009
 ISSUED BY _____ TITLE President & CEO
 Name of Officer

Form for filing Rate Schedule

FOR

All Territory Served
Community, Town or City

P.S.C. NO.

5

4th Revised

Sheet No.

29

Shelby Energy Cooperative, Inc.
Shelbyville, Kentucky

Name of Issuing Corporation

Cancelling P.S.C. No.

5

3rd Revised Sheet No.

29

CLASSIFICATION OF SERVICE

LARGE INDUSTRIAL RATE - SCHEDULE C2

Rate
Per Unit

AVAILABILITY:

Applicable to contracts with demands of 5,000 to 9,999 KW with a monthly energy usage equal to or greater than 400 hours per KW of contract billing demand. These contracts will be two "two-party" contracts with the first one being between the Seller and the Cooperative association and the second one being between the Seller and the ultimate consumer.

MONTHLY RATE:

Consumer Charge	\$ 1,097.60	\$ 1,179.75
Demand Charge per KW of Billing Demand	\$ 5.53	\$ 5.94
Energy Charge per kWh	\$ 0.03784	\$ 0.04067

BILLING DEMAND:

The monthly billing demand shall be the greater of (a) or (b) listed below:

- (a) The contract demand
- (b) The ultimate consumer's peak demand during the current month or preceding eleven months. The peak demand shall be the highest average rate at which energy is used during any fifteen-minute interval in the below listed hours for each month and adjusted for power factor as provided herein:

<u>Months</u>	<u>Hours Applicable for Demand Billing - EST</u>
October through April	7:00 A.M. to 12:00 Noon 5:00 P.M. to 10:00 P. M.
May through September	10:00 A.M. to 10:00 P.M.

DATE OF ISSUE March 24, 2009

DATE EFFECTIVE: April 1, 2009

ISSUED BY _____
Name of Officer

TITLE President & CEO

Form for filing Rate Schedule

FOR All Territory Served
Community, Town or City

P.S.C. NO. 5
4th Revised Sheet No. 32

Shelby Energy Cooperative, Inc.
Shelbyville, Kentucky
Name of Issuing Corporation

Cancelling P.S.C. No. 5
3rd Revised Sheet No. 32

CLASSIFICATION OF SERVICE

LARGE INDUSTRIAL RATE - SCHEDULE C3

**Rate
Per Unit**

AVAILABILITY:

Applicable to contracts with demands of 10,000 kW and over with a monthly energy usage equal to or greater than 400 hours per kW of contract demand.

MONTHLY RATE:

Consumer Charge			
Transformer Size of 10,000 - 14,999 kVa	\$ 3,059.74	\$	3,288.73
Transformer Size of 15,000 kVa and greater	\$ 4,856.57	\$	5,220.04
Demand Charge per kW	\$ 5.53	\$	5.94
Energy Charge per kWh	\$ 0.03681	\$	0.03956

BILLING DEMAND:

The monthly billing demand shall be the greater of (a) or (b) listed below:

- (a) The contract demand
- (b) The consumer's peak demand during the current month or preceding eleven months. The peak demand shall be the highest average rate at which energy is used any fifteen-minute interval in the below listed hours for each month and adjusted for power factor as provided herein:

<u>Months</u>	<u>Hours Applicable for Demand Billing - EST</u>
October through April	7:00 A.M. to 12:00 Noon 5:00 P.M. to 10:00 P.M.
May through September	10:00 A.M. to 10:00 P.M.

DATE OF ISSUE March 24, 2009

DATE EFFECTIVE: April 1, 2009

ISSUED BY _____
Name of Officer

TITLE President & CEO

Form for filing Rate Schedule

FOR All Territory Served
Community, Town or City

P.S.C. NO. 5
2nd Revised Sheet No. 35

Shelby Energy Cooperative, Inc.
Shelbyville, Kentucky
Name of Issuing Corporation

Canceling P.S.C. NO. 5
1st Revised Sheet No. 35

CLASSIFICATION OF SERVICE

INTERRUPTIBLE SERVICE

**Rate
Per Unit**

Standard Rider

This Interruptible Rate is a rider to Rate Schedule(s) 2, 4, 22, B1, B2, B3, C1, C2, and C3.

Applicable

In all territory served by the Cooperative.

Availability of Service

This schedule shall be made available to any member where that member will contract for an interruptible demand of not less than 250 kW and not more than 20,000 kW, subject to a maximum number of hours of interruption per year and a notice period as listed below.

Monthly Rate

A monthly demand credit per kW is to be based on the following matrix:

ANNUAL HOURS OF INTERRUPTION

<u>NOTICE MINUTES</u>	<u>200</u>	<u>300</u>	<u>400</u>
10	2.70 \$4.20	3.15 \$4.90	3.60 \$5.60
60	2.25 \$3.50	2.70 \$4.20	3.15 \$4.90

DATE OF ISSUE March 24, 2009

DATE EFFECTIVE: April 1, 2009

ISSUED BY _____
Name of Officer

TITLE President & CEO

Form for filing Rate Schedule

FOR All Territory Served
Community, Town or City

P.S.C. NO. 5
7th Revised Sheet No. 39

Shelby Energy Cooperative, Inc.
Shelbyville, Kentucky
Name of Issuing Corporation

Cancelling P.S.C. NO. 5
6th Revised 39

CLASSIFICATION OF SERVICE																
OPTIONAL T-O-D DEMAND - RATE 22	Rate Per Unit															
<p><u>AVAILABILITY:</u></p> <p>Available to all consumers whose KW demand shall be greater than 200 KW, including consumers who do not qualify under availability of service under Rate 1 or Rate 10, located on or near Seller's line for all types of usage, subject to the established Rules and Regulations of Seller.</p>																
<p><u>TYPES OF SERVICE:</u></p> <p>Three -phase, 60 Hertz, available at Sellers's standard voltage</p>																
<p><u>RATE:</u></p> <p><u>Consumer Charge</u></p> <p style="padding-left: 40px;">\$41.07 \$44.14</p> <p><u>Demand Charge</u></p> <p>\$4.62 \$4.97 per month per KW of billing demand</p> <p><u>Energy Charge</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">First</td> <td style="width: 40%;">100 kWh per KW demand</td> <td style="width: 10%; text-align: right;">\$ 0.06163</td> <td style="width: 10%; text-align: right;">\$ 0.06624</td> <td style="width: 20%;">per kWh</td> </tr> <tr> <td>Next</td> <td>100 kWh per KW demand</td> <td style="text-align: right;">\$ 0.05591</td> <td style="text-align: right;">\$ 0.06009</td> <td>per kWh</td> </tr> <tr> <td>All Over</td> <td>200 kWh per KW demand</td> <td style="text-align: right;">\$ 0.05020</td> <td style="text-align: right;">\$ 0.05396</td> <td>per kWh</td> </tr> </table>		First	100 kWh per KW demand	\$ 0.06163	\$ 0.06624	per kWh	Next	100 kWh per KW demand	\$ 0.05591	\$ 0.06009	per kWh	All Over	200 kWh per KW demand	\$ 0.05020	\$ 0.05396	per kWh
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Form for filing Rate Schedule

FOR All Territory Served
Community, Town or City

P.S.C. NO. 5
4th Revised Sheet No. 43

Shelby Energy Cooperative, Inc.
Shelbyville, Kentucky
Name of Issuing Corporation

Cancelling P.S.C. NO. 5
3rd Revised Sheet No. 43

CLASSIFICATION OF SERVICE																					
OPTIONAL RESIDENTIAL, CHURCH & SCHOOL SERVICE - RATE 10	Rate Per Unit																				
<p><u>AVAILABILITY:</u></p> <p>Available for residences, churches, schools, volunteer fire departments, municipal fire departments and municipal buildings willing to accept the Seller's Special provisions as conditions of service.</p>																					
<p><u>TYPE OF SERVICE:</u></p> <p>Single phase and three-phase, 60 hertz, at available secondary voltages.</p>																					
<p><u>MONTHLY RATE:</u></p> <table style="width: 100%; border: none;"> <tr> <td colspan="4">Customer Charge</td> </tr> <tr> <td style="padding-left: 20px;">1. Single Phase Service</td> <td style="text-align: right;">\$ 11.65</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">12.52</td> </tr> <tr> <td style="padding-left: 20px;">2. Three Phase Service</td> <td style="text-align: right;">30.29</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">32.56</td> </tr> <tr> <td colspan="4"> </td> </tr> <tr> <td style="padding-left: 20px;">Energy Charge per kWh</td> <td style="text-align: right;">\$ 0.06403</td> <td style="text-align: center;">\$</td> <td style="text-align: right;">0.06882</td> </tr> </table>		Customer Charge				1. Single Phase Service	\$ 11.65	\$	12.52	2. Three Phase Service	30.29	\$	32.56					Energy Charge per kWh	\$ 0.06403	\$	0.06882
Customer Charge																					
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2. Three Phase Service	30.29	\$	32.56																		
Energy Charge per kWh	\$ 0.06403	\$	0.06882																		
<p><u>MINIMUM MONTHLY CHARGE:</u></p> <p>The minimum monthly charge for this rate schedule shall be \$11.65 \$12.52 for single phase service and \$30.29 \$32.56 for three phase service. Where it is necessary to extend or upgrade existing facilities, the minimum monthly charge may be increased to provide adequate compensation for the added facilities.</p>																					
<p><u>SPECIAL PROVISIONS:</u></p> <p>1 During peak system hours, the Cooperative may control electric water heaters, central air conditioners and other major electrical loads. Such control would be for limited time periods and control strategies would be based on industry standard practices to reduce consumer inconvenience.</p>																					

DATE OF ISSUE March 24, 2009

DATE EFFECTIVE: April 1, 2009

ISSUED BY _____
Name of Officer

TITLE President & CEO

Form for filing Rate Schedule

FOR All Territory Served
Community, Town or City

P.S.C. NO. 5
1st Revised Sheet No. 60

Shelby Energy Cooperative, Inc.
Shelbyville, Kentucky
Name of Issuing Corporation

P.S.C. NO. 5
Original Sheet No. 60

CLASSIFICATION OF SERVICE	
SPECIAL OUTDOOR LIGHTING SERVICE - RATE 33	Rate Per Unit
<p><u>AVAILABILITY:</u></p> <p>This schedule is available to any consumer requesting luminaries for dusk to dawn outdoor or street lighting service of a type not provided for under other rate schedules, and is subject to the established Rules & Regulations of the Cooperative.</p> <p><u>TYPE OF SERVICE:</u></p> <p>The Cooperative will install and maintain automatic outdoor or street lighting of the desired type by the consumer, single phase, 60 Hertz at available secondary voltage.</p> <p><u>RATES:</u></p> <p>The monthly charge will be the sum of items (1) and (2) below.</p> <p>1. The Energy Rate for each type of lamp shall be \$ 0.05043 <u>\$0.05388</u> per kWh as determined by the following formula:</p> <p style="padding-left: 40px;">Monthly Rated kWh = (4100 hours per year X Manufacturer's total input rating in watts) divided by (12X1000).</p> <p>2. Facilities Charge - The books of the Cooperative shall accurately reflect the Cooperative's total investment in facilities for each individual, agency or organization receiving service under this tariff. The monthly facilities charge shall be 1.4027 percent of the total investment in these special facilities</p> <p><u>FUEL ADJUSTMENT CLAUSE:</u></p> <p>This rate may be increased or decreased by an amount per kWh equal to the fuel adjustment amount per kWh as billed by the wholesale power supplier plus an allowance for line losses. The allowance for line losses will not exceed 10% and is based on a twelve-month moving average of such losses. The Fuel Clause is subject to all other applicable provisions as set out in KAR 5:056.</p>	

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TITLE President & CEO