

OWEN *Electric*

A Touchstone Energy Cooperative 

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JUN 08 2012

PUBLIC SERVICE
COMMISSION

**Rate Case No.
2012-00154**

**SECOND DATA REQUEST OF
COMMISSION STAFF TO
OWEN ELECTRIC
COOPERATIVE INC**

**8205 Hwy 127 N
PO Box 400
Owenton, KY 40359
502-484-3471**

CRAWFORD & BAXTER, P.S.C.

ATTORNEYS AT LAW
523 Highland Avenue
P.O. Box 353
Carrollton, Kentucky 41008

James M. Crawford
Ruth H. Baxter

Alecia Gamm Hubbard

Phone: (502) 732-6688
1-800-442-8680
Fax: (502) 732-8303
E-Mail: CBJ523@aol.com

June 8, 2012

Mr. Jeff Derouen, Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
P. O. Box 615
Frankfort, KY 40602

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JUN 08 2012

PUBLIC SERVICE
COMMISSION

RE: Case No 2012-00154

Dear Mr. Derouen:

Please find enclosed the original and six (6) copies of the responses requested of Owen Electric Cooperative in Commission Staff's Second Information Request issued June 1, 2012 in the above referenced case.

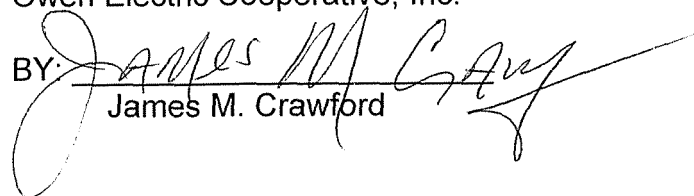
Please contact me with any questions.

Respectfully submitted,

CRAWFORD & BAXTER, P.S.C.
ATTORNEY'S AT LAW
523 Highland Avenue
P.O.Box 353
Carrollton, Kentucky 41008

Attorney for Applicant
Owen Electric Cooperative, Inc.

BY:


James M. Crawford

Enclosures

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

FILING OF OWEN ELECTRIC COOPERATIVE, INC.)	Case No.
TO IMPLEMENT A TIME OF DAY TARIFF FOR ITS)	2012-00154
SMART HOME PILOT PROGRAM)	

COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION
TO OWEN ELECTRIC COOPERATIVE, INC.

Owen Electric Cooperative, Inc. ("Owen"), pursuant to 807 KAR 5:001, is to file with the Commission the original and six copies of the following information, with a copy to all parties of record. The information requested herein is due within seven days of the issuance of this request. Responses to requests for information shall be appropriately bound, tabbed and indexed. Each response shall include the name of the witness responsible for responding to the questions related to the information provided.

Each response shall be answered under oath or, for representatives of a public or private corporation or a partnership or association or a governmental agency, be accompanied by a signed certification of the preparer or the person supervising the preparation of the response on behalf of the entity that the response is true and accurate to the best of that person's knowledge, information, and belief formed after a reasonable inquiry.

Owen shall make timely amendment to any prior response if it obtains information which indicates that the response was incorrect when made or, though correct when made, is now incorrect in any material respect. For any request to which Owen fails or refuses to furnish all or part of the requested information, it shall provide a

written explanation of the specific grounds for its failure to completely and precisely respond.

Careful attention shall be given to copied material to ensure that it is legible. When the requested information has been previously provided in this proceeding in the requested format, reference may be made to the specific location of that information in responding to this request.

1. As a result of Owen's recent revenue neutral rate case, Case No. 2011-00037,¹ the customer charges for both the residential class and the small commercial class were increased, with corresponding decreases to the energy charges. In part, the rate design changes are meant to allow Owen to offer demand-side management and energy efficiency programs, while limiting potential revenue erosion. Explain why Owen does not propose a program similar to the Smart Home Pilot for commercial customers. Include in the explanation whether Owen plans other programs for small commercial customers in the future.

2. Refer to Owen's response to Item 3 of Commission Staff's First Request for Information ("Staff's First Request"). Owen proposes to include 100 low-income members with full HAN including thermostat and water heater control, 100 non-low-income members with full HAN including thermostat and water heater control, and 100 members with HAN but no thermostat and water heater control in its Smart Home Pilot.

a. Explain how Owen decided to group the participants in the three segments as described above. Include in the explanation whether the segment with

¹ Case No. 2011-00037, Application of Owen Electric Cooperative Corporation for an Order Authorizing a Change in Rate Design for Its Residential and Small Commercial Rate Classes, and the Proffering of Several Optional Rate Designs for the Residential Rate Classes (Ky. PSC Feb. 29, 2012).

100 members with HAN and no thermostat and water heater control includes both low-income and non-low-income members and whether income will be identified in the segment.

b. Explain what criteria Owen will use to determine whether a customer is eligible as low income.

c. Explain whether Owen believes the \$11.76 per month fee for software service described in its response to Item No. 12 of Staff's First Request will be a deterrent for participation by low-income customers.

d. Explain whether Owen believes the high speed internet requirement for participation in the Smart Home Pilot will be a deterrent for participation by low-income customers.

e. Would a high-speed internet connection through a wireless device such as a smart phone be possible for participation?

3. Refer to Owen's response to Item 5 of Staff's First Request. Owen states that those customers with less- or greater-than-average usage would see a change in their monthly bills. Using specific examples and assuming no change in energy consumption patterns on behalf of the consumer, quantify the dollar and percentage increases for a low-usage and a high-usage residential customer. Provide all calculations and workpapers necessary to support the response.

4. Refer to Owen's response to Item 8 of Staff's First Request.

a. Explain why Owen sets out a schedule of hours that identifies weekday hours, but does not include weekend hours in the schedule. If unintentionally

omitted, provide a revised tariff setting out weekend hours, or include a statement concerning the treatment of all weekend hours.

b. Owen requires a two-year minimum commitment for participation in the Smart Home Pilot. Assume that a member does not sign up immediately when the pilot begins. The member's commitment would then exceed the two-year period for which Owen requests the pilot be approved. Explain whether the customer obligation ends if Owen decides not to continue the program past two years. Include in the explanation whether the member reverts to the Farm and Home tariff and, if so, when this occurs.




Jeff Derouen
Executive Director
Public Service Commission
P.O. Box 615
Frankfort, KY 40602

DATED JUN 01 2012

cc: Parties of Record

Affiant, Mark A Stallons, states that the answers given by him to the foregoing questions are true and correct to the best of his knowledge and belief.



Mark A Stallons

Subscribed and sworn to before me by the affiant, Mark A Stallons, this
3th day of June, 2012.

Notary Melissa K Moore

State-at-Large

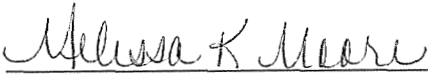
My Commission expires April 14th, 2015.

Affiant, Michael Cobb, states that the answers given by him to the foregoing questions are true and correct to the best of his knowledge and belief.



Michael Cobb

Subscribed and sworn to before me by the affiant, Michael Cobb, this 8th
day of June, 2012.

Notary 

State-at-Large

My Commission expires April 14th, 2015.

Affiant, James Adkins, states that the answers given by him to the foregoing questions are true and correct to the best of his knowledge and belief.

James R Adkins
James Adkins

Subscribed and sworn to before me by the affiant, James Adkins, this 8th
day of June, 2012.

Notary Melissa K Moore
State-at-Large

My Commission expires April 14th, 2015.

OWEN ELECTRIC COOPERATIVE
CASE NO 2012-00154
RESPONSE TO COMMISSION STAFF'S SECOND INFORMATION REQUEST

Question:

As a result of Owen's recent revenue neutral rate case, Case No. 2011-00037, the customer charges for both the residential class and the small commercial class were increased, with corresponding decreases to the energy charges. In part, the rate design changes are meant to allow Owen to offer demand-side management and energy efficiency programs, while limiting potential revenue erosion. Explain why Owen does not propose a program similar to the Smart Home Pilot for commercial customers. Include in the explanation whether Owen plans other programs for small commercial customers in the future.

Response:

When developing our energy innovation strategy we decided to begin with the residential market since the technology was more developed, vendors have well defined software and hardware available, and the residential market impacts a greater number of our members. If the Smart Home pilot is successful in the residential market we will investigate expanding the concept to the small commercial and other member rate classes.

OWEN ELECTRIC COOPERATIVE
CASE NO 2012-00154
RESPONSE TO COMMISSION STAFF'S SECOND INFORMATION REQUEST

Refer to Owen's response to Item 3 of Commission Staff's First Request for Information ("Staff's First Request"). Owen proposes to include 100 low-income members with full HAN including thermostat and water heater control, 100 non low-income members with full HAN including thermostat and water heater control, and 100 members with HAN but no thermostat and water heater control in its Smart Home Pilot.

a. Question:

Explain how Owen decided to group the participants in the three segments as described above. Include in the explanation whether the segment with 100 members with HAN and no thermostat and water heater control includes both low-income and non-low-income members and whether income will be identified in the segment.

a. Response: Mark Stallons, Witness

The pool of members who use in excess of 1100 kWh per month is approximately 23,000 members. This group is large enough and uses enough energy to provide the member with a reasonably good opportunity to significantly reduce energy usage as well as shift a significant amount of load from on peak to shoulder peak thereby resulting in savings to the member and savings to Owen Electric to fund the investment.

The separation of the full HAN deployment (web experience, smart thermostat, and water heater control) into two groups, low income and non-low income, was driven by our desire to learn how valuable the concept is to our low income members. Our data indicates that the average low income member uses well over 1100 kWh per month and comprises a significant segment of our membership.

The third group, without the smart thermostat or water heater load control, was added to compare the value of the web experience with and without load control devices. The equipment and installation cost of the web experience is less than half of the full system and information from Tendril indicates that significant savings are possible for this type of

OWEN ELECTRIC COOPERATIVE
CASE NO 2012-00154
RESPONSE TO COMMISSION STAFF'S SECOND INFORMATION REQUEST

installation. This group will be recruited from the entire 23,000 residential accounts without regards to income. In regards to income, Owen will only know that a participant in the low income pilot has received LIHEAP assistance. The specific income level of the participant is not a focus of the pilot project.

b. Question:

Explain what criteria Owen will use to determine whether a custom is eligible as low income.

b. Response: Michael Cobb, Witness

Owen will target LIHEAP (Low Income Home Energy Assistance Program) fund recipients to determine whether a member is eligible as low income. Owen's consumer data base records LIHEAP payments applied toward member's accounts. LIHEAP is a federally-funded program to help eligible low income households meet their home heating and/or cooling needs. Recipients must meet income guidelines that place them at or below 130 percent of the federal poverty level.

c. Question:

Explain whether Owen believes the \$11.76 per month fee for software service described in its response to Item No. 12 of Staff's First Request will be a deterrent for participation by low-income customers.

c. Response: Mark Stallons, Witness

The \$11.76 charge is not a line item on the member's bill. However, it is an internal cost paid by Owen Electric to Tendril and will be recovered through the Smart Home tariff. As the pilot moves to full deployment assuming 5,000 smart home accounts, economies of scale are expected to reduce the cost to \$3.66 per member or less.

OWEN ELECTRIC COOPERATIVE
CASE NO 2012-00154
RESPONSE TO COMMISSION STAFF'S SECOND INFORMATION REQUEST

d. Question:

Explain whether Owen believes the high speed internet requirement for participation in the Smart Home Pilot will be a deterrent for participation by low-income customers.

d. Response: Michael Cobb, Witness

It is plausible to assume that lower income members may have inferior (slower) internet service in their homes due to having less disposable income to spend towards high speed internet. However, we know from recent member survey data (Please refer to page 4 & 5 of this response for Owen Electric's 2011 End-Use Survey charts) that approximately 90 percent of Owen's membership has one or more personal computers and 77 percent have high speed internet in their homes. We believe that we will be able to successfully recruit the relatively small sample (100 low income participants) for the purposes of this pilot.

e. Question:

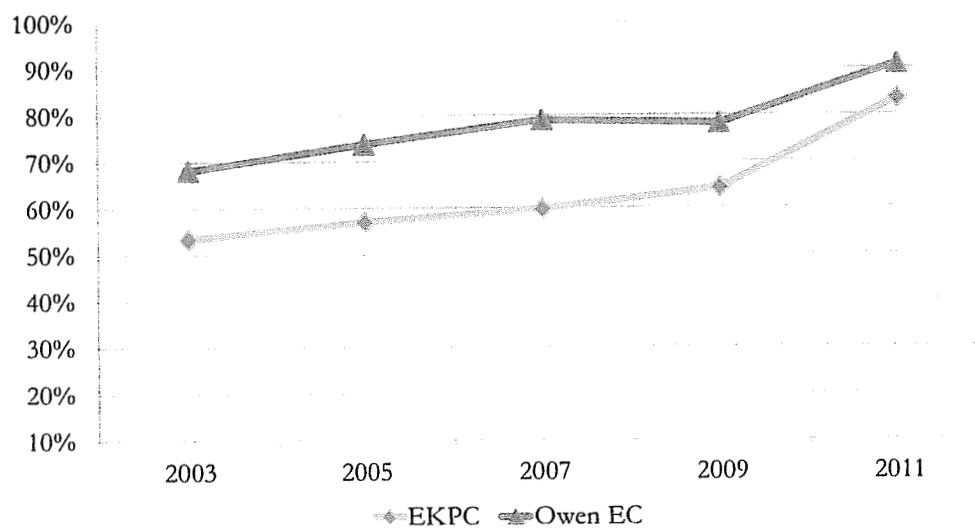
Would a high-speed internet connection through a wireless device such as a smart phone be possible for participation?

e. Response: Michael Cobb, Witness

Tendril's gateway requires a physical cable connection to the members' internet router, therefore, the use of wireless devices, such as a smart phone, is not possible at this time.

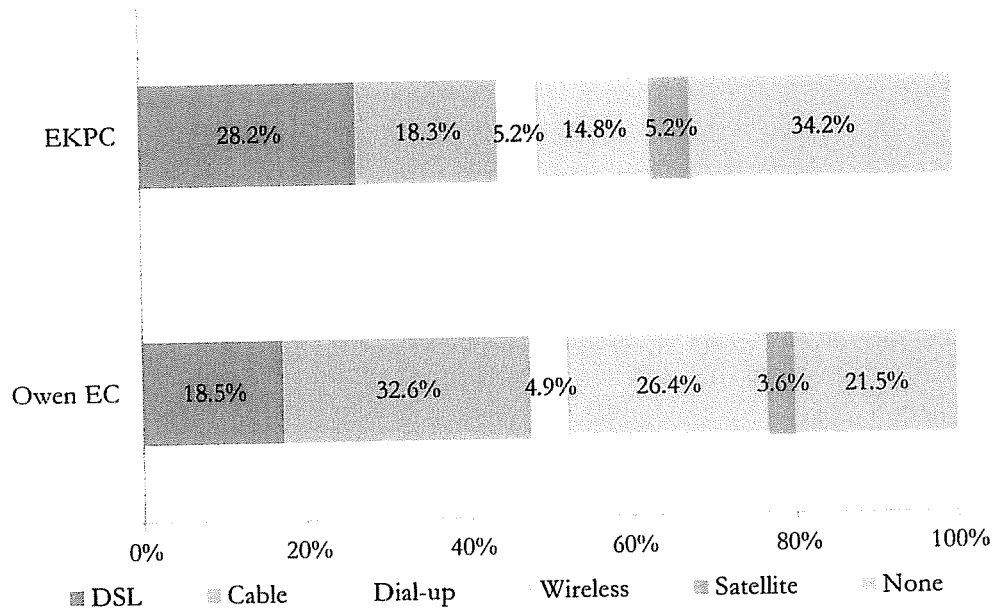
2.4 Personal Computers

Figure 2-10
Percentage of Homes With At Least One Personal Computer



2.5 Internet Access

**Figure 2-11
Type of Internet Connection
2011**



Note: Unlike previous surveys, multiple responses were permitted on this question in 2009 and 2011; therefore, totals may exceed 100 percent.

High Speed Internet Summary

DSL	18.5%
Cable	32.6%
Wireless	26.4%
Total	77.5%

OWEN ELECTRIC COOPERATIVE
CASE NO 2012-00154
RESPONSE TO COMMISSION STAFF'S SECOND INFORMATION REQUEST

Question:

Refer to Owen's response to Item 5 of Staff's First Request. Owen states that those customers with less- or greater-than-average usage would see a change in their monthly bills. Using specific examples and assuming no change in energy consumption patterns on behalf of the consumer, quantify the dollar and percentage increases for a low-usage and a high-usage residential customer. Provide all calculations and workpapers necessary to support the response.

Response:

Using various usage levels, the current bill was calculated (See below). The rate used is step 1 (\$14.20 customer charge, 8.545 cents energy charge) from the revenue neutral rate case. To find the smart home bill, the hourly annual load data was summed. Next, the peak, off peak, and shoulder hours were calculated for the winter and summer seasons. The percent of total load that is peak, off peak, and shoulder hours were calculated. This was done so that the monthly kWh usages could be allocated. Next the percent allocation was multiplied by the usage and the rate to calculate the total bill.

OWEN ELECTRIC COOPERATIVE
CASE NO 2012-00154
RESPONSE TO COMMISSION STAFF'S SECOND INFORMATION REQUEST

RESIDENTIAL RATE CLASS					
TOTAL BILL AT VARIOUS USAGE INCREMENTS					
kWh	Current	Smart Home		% change	
		Bill	Change		
800	\$ 82.56	\$ 85.26	\$ 2.70	0.031713411	
900	\$ 91.11	\$ 92.80	\$ 1.69	0.018233499	
1000	\$ 99.65	\$ 100.33	\$ 0.68	0.006777791	
1100	\$ 108.20	\$ 107.86	\$ (0.33)	-0.003077816	
1200	\$ 116.74	\$ 115.40	\$ (1.34)	-0.011646684	
1300	\$ 125.29	\$ 122.93	\$ (2.36)	-0.019165364	
1400	\$ 133.83	\$ 130.46	\$ (3.37)	-0.025815772	
1500	\$ 142.38	\$ 138.00	\$ (4.38)	-0.031740103	
1600	\$ 150.92	\$ 145.53	\$ (5.39)	-0.037051108	
1700	\$ 159.47	\$ 153.06	\$ (6.40)	-0.041839345	
1800	\$ 168.01	\$ 160.59	\$ (7.42)	-0.046178376	
1900	\$ 176.56	\$ 168.13	\$ (8.43)	-0.050128584	
2000	\$ 185.10	\$ 175.66	\$ (9.44)	-0.05373999	
2100	\$ 193.65	\$ 183.19	\$ (10.45)	-0.05705439	
2200	\$ 202.19	\$ 190.73	\$ (11.46)	-0.060106976	
2300	\$ 210.74	\$ 198.26	\$ (12.48)	-0.062927591	
2400	\$ 219.28	\$ 205.79	\$ (13.49)	-0.065541709	
2500	\$ 227.83	\$ 213.33	\$ (14.50)	-0.067971207	
2600	\$ 236.37	\$ 220.86	\$ (15.51)	-0.070234974	
2700	\$ 244.92	\$ 228.39	\$ (16.52)	-0.07234941	
2800	\$ 253.46	\$ 235.92	\$ (17.54)	-0.074328819	
2900	\$ 262.01	\$ 243.46	\$ (18.55)	-0.076185735	
3000	\$ 270.55	\$ 250.99	\$ (19.56)	-0.077931187	
Average	\$ 176.56	\$ 168.13	\$ (8.43)	-0.041230019	

OWEN ELEC COOPERATIVE
 CASE 2-00154
 RESPONSE TO COMMISSION STAFF -> SECOND INFORMATION REQUEST

Total Peak	Winter Peak	Summer Peak	Total kWh	January				February				March				April				October				November				December													
				Weekday	WeekEnd	Weekday	WeekEnd	Weekday	WeekEnd	Weekday	WeekEnd	Weekday	WeekEnd	Weekday	WeekEnd	Weekday	WeekEnd	Weekday	WeekEnd	Weekday	WeekEnd	Weekday	WeekEnd	Weekday	WeekEnd	Weekday	WeekEnd	Weekday	WeekEnd	Weekday	WeekEnd										
2,936,454	2,936,454	2,514,092	710,449,061	1,830,038	700,097	1,415,821	600,210	1,111,780	398,097	997,053	470,446	1,326,647	886,970	2,247,877	886,970	1,830,038	700,097	1,415,821	600,210	1,111,780	398,097	997,053	470,446	1,326,647	886,970	2,247,877	886,970	1,830,038	700,097	1,415,821	600,210	1,111,780	398,097	997,053	470,446	1,326,647	886,970	2,247,877	886,970		
1	2,347,206	965,891	965,891	1,789,338	679,177	1,389,572	599,114	1,096,731	388,013	985,657	455,711	1,276,186	609,315	2,150,860	867,046	2,347,206	965,891	1,389,572	599,114	1,096,731	388,013	985,657	455,711	1,276,186	609,315	2,150,860	867,046	2,347,206	965,891	1,389,572	599,114	1,096,731	388,013	985,657	455,711	1,276,186	609,315	2,150,860	867,046		
2	2,356,401	925,971	925,971	1,799,059	698,079	1,444,314	604,049	1,129,924	399,020	1,034,077	469,586	1,318,118	625,084	2,188,900	854,957	2,356,401	925,971	1,444,314	604,049	1,129,924	399,020	1,034,077	469,586	1,318,118	625,084	2,188,900	854,957	2,356,401	925,971	1,444,314	604,049	1,129,924	399,020	1,034,077	469,586	1,318,118	625,084	2,188,900	854,957		
3	2,350,107	918,021	918,021	1,846,988	676,227	1,474,567	619,465	1,174,167	409,259	1,067,790	485,404	1,324,395	630,561	2,218,461	865,061	2,350,107	918,021	1,846,988	676,227	1,474,567	619,465	1,067,790	485,404	1,324,395	630,561	2,218,461	865,061	2,350,107	918,021	1,846,988	676,227	1,474,567	619,465	1,067,790	485,404	1,324,395	630,561	2,218,461	865,061		
4	2,371,369	998,427	998,427	1,846,988	676,227	1,474,567	619,465	1,174,167	409,259	1,067,790	485,404	1,324,395	630,561	2,218,461	865,061	2,371,369	998,427	1,846,988	676,227	1,474,567	619,465	1,067,790	485,404	1,324,395	630,561	2,218,461	865,061	2,371,369	998,427	1,846,988	676,227	1,474,567	619,465	1,067,790	485,404	1,324,395	630,561	2,218,461	865,061		
5	2,439,949	949,393	949,393	1,932,465	699,131	1,631,536	641,637	1,378,167	432,914	1,247,148	495,794	1,401,497	656,190	2,299,067	901,219	2,439,949	949,393	1,932,465	699,131	1,631,536	641,637	1,378,167	432,914	1,247,148	495,794	2,299,067	901,219	2,439,949	949,393	1,932,465	699,131	1,631,536	641,637	1,378,167	432,914	1,247,148	495,794	2,299,067	901,219		
6	2,633,466	980,842	980,842	2,054,809	716,353	1,914,114	664,443	1,612,271	453,837	1,469,970	526,606	1,846,523	745,141	2,486,518	931,974	2,633,466	980,842	2,054,809	716,353	1,914,114	664,443	1,612,271	453,837	1,469,970	526,606	2,486,518	931,974	2,633,466	980,842	2,054,809	716,353	1,914,114	664,443	1,612,271	453,837	1,469,970	526,606	2,486,518	931,974		
7	2,810,006	1,012,259	1,012,259	2,331,845	821,503	2,015,705	737,333	1,733,012	548,466	1,592,496	622,695	1,846,523	745,141	2,486,518	931,974	2,810,006	1,012,259	2,331,845	821,503	2,015,705	737,333	1,733,012	548,466	1,592,496	622,695	2,486,518	931,974	2,810,006	1,012,259	2,331,845	821,503	2,015,705	737,333	1,733,012	548,466	1,592,496	622,695	2,486,518	931,974		
8	2,922,129	1,147,219	1,147,219	2,334,446	872,695	2,191,317	766,669	1,805,994	601,042	1,541,270	722,664	1,924,001	829,475	2,870,331	1,043,072	2,922,129	1,147,219	2,334,446	872,695	2,191,317	766,669	1,805,994	601,042	1,541,270	722,664	2,870,331	1,043,072	2,922,129	1,147,219	2,334,446	872,695	2,191,317	766,669	1,805,994	601,042	1,541,270	722,664	2,870,331	1,043,072		
9	2,833,491	1,174,596	1,174,596	2,334,446	872,695	2,191,317	766,669	1,805,994	601,042	1,541,270	722,664	1,924,001	829,475	2,870,331	1,043,072	2,833,491	1,174,596	2,334,446	872,695	2,191,317	766,669	1,805,994	601,042	1,541,270	722,664	2,870,331	1,043,072	2,833,491	1,174,596	2,334,446	872,695	2,191,317	766,669	1,805,994	601,042	1,541,270	722,664	2,870,331	1,043,072		
10	2,724,737	1,145,948	1,145,948	2,051,163	810,951	1,678,755	804,780	1,450,986	585,200	1,373,178	687,332	1,639,370	782,471	2,654,611	1,010,676	2,724,737	1,145,948	2,051,163	810,951	1,678,755	804,780	1,450,986	585,200	1,373,178	687,332	2,654,611	1,010,676	2,724,737	1,145,948	2,051,163	810,951	1,678,755	804,780	1,450,986	585,200	1,373,178	687,332	2,654,611	1,010,676		
11	2,613,881	1,103,335	1,103,335	1,853,024	773,379	1,539,167	762,387	1,387,486	545,325	1,263,679	597,621	1,398,379	628,389	2,391,122	881,925	2,613,881	1,103,335	1,853,024	773,379	1,539,167	762,387	1,387,486	545,325	1,263,679	597,621	2,391,122	881,925	2,613,881	1,103,335	1,853,024	773,379	1,539,167	762,387	1,387,486	545,325	1,263,679	597,621	1,398,379	628,389		
12	2,452,780	1,054,859	1,054,859	1,791,756	764,149	1,462,468	722,779	1,331,698	555,291	1,263,679	597,621	1,398,379	628,389	2,391,122	881,925	2,452,780	1,054,859	1,791,756	764,149	1,462,468	722,779	1,331,698	555,291	1,263,679	597,621	2,391,122	881,925	2,452,780	1,054,859	1,791,756	764,149	1,462,468	722,779	1,331,698	555,291	1,263,679	597,621	1,398,379	628,389		
13	2,537,979	1,088,924	1,088,924	1,853,024	773,379	1,539,167	762,387	1,387,486	545,325	1,263,679	597,621	1,398,379	628,389	2,391,122	881,925	2,537,979	1,088,924	1,853,024	773,379	1,539,167	762,387	1,387,486	545,325	1,263,679	597,621	2,391,122	881,925	2,537,979	1,088,924	1,853,024	773,379	1,539,167	762,387	1,387,486	545,325	1,263,679	597,621	1,398,379	628,389		
14	2,457,780	1,054,859	1,054,859	1,791,756	764,149	1,462,468	722,779	1,331,698	555,291	1,263,679	597,621	1,398,379	628,389	2,391,122	881,925	2,457,780	1,054,859	1,791,756	764,149	1,462,468	722,779	1,331,698	555,291	1,263,679	597,621	2,391,122	881,925	2,457,780	1,054,859	1,791,756	764,149	1,462,468	722,779	1,331,698	555,291	1,263,679	597,621	1,398,379	628,389		
15	2,575,659	994,039	994,039	1,768,861	731,905	1,485,071	680,417	1,554,924	583,240	1,639,236	677,767	1,826,609	756,993	2,902,623	1,010,194	2,575,659	994,039	1,768,861	731,905	1,485,071	680,417	1,554,924	583,240	1,639,236	677,767	1,826,609	756,993	2,902,623	1,010,194	2,575,659	994,039	1,768,861	731,905	1,485,071	680,417	1,554,924	583,240	1,639,236	677,767	1,826,609	756,993
16	2,476,483	973,157	973,157	1,868,237	761,509	1,551,680	699,506	1,649,035	588,670	1,648,337	710,885	1,871,238	773,871	2,933,036	1,014,596	2,476,483	973,157	1,868,237	761,509	1,551,680	699,506	1,649,035	588,670	1,648,337	710,885	1,871,238	773,871	2,933,036	1,014,596	2,476,483	973,157	1,868,237	761,509	1,551,680	699,506	1,649,035	588,670	1,648,337	710,885	1,871,238	773,871
17	2,611,044	1,023,002	1,023,002	2,020,209	817,776	1,803,375	740,407	1,701,230	588,670	1,648,337	710,885	1,871,238	773,871	2,933,036	1,014,596	2,611,044	1,023,002	2,020,209	817,776	1,803,375	740,407	1,701,230	588,670	1,648,337	710,885	1,871,238	773,871	2,933,036	1,014,596	2,611,044	1,023,002	2,020,209	817,776	1,803,375	740,407	1,701,230	588,670	1,648,337	710,885	1,871,238	773,871
18	2,728,617	1,040,046	1,040,046	2,128,115	816,174	1,823,225	727,858	1,756,496	610,748	1,569,725	696,038	1,920,139	774,145	3,006,683	1,026,683	2,728,617	1,040,046	2,128,115	816,174	1,823,225	727,858	1,756,496	610,748	1,569,725	696,038	1,920,139	774,145	3,006,683	1,026,683	2,728,617	1,040,046	2,128,115	816,174	1,823,225	727,858	1,756,496	610,748	1,569,725	696,038	1,920,139	774,145
19	2,754,804	1,049,670	1,049,670	2,184,593	839,545	1,773,943	692,694	1,586,580	595,041	1,394,975	653,233	1,827,476	723,933	2,845,108	1,004,143	2,754,804	1,049,670	2,184,593	839,545	1,773,943	692,694	1,586,580	595,041	1,394,975	653,233	1,827,476	723,933	2,845,108	1,004,143	2,754,804	1,049,670	2,184,593	839,545	1,773,943	692,694	1,586,580	595,041	1,394,975	653,233	1,827,476	723,933
20	2,772,314	1,049,670	1,049,670	2,184,593	839,545	1,773,943	692,694	1,586,580	595,041	1,394,975	653,233	1,827,476	723,933	2,845,108	1,004,143	2,772,314	1,049,670	2,184,593	839,545	1,773,943	692,694	1,586,580	595,041	1,394,975	653,233	1,827,476	723,933														

OWEN ELECTRIC COOPERATIVE
 CASE 2-00154
 RESPONSE TO COMMISSION STAFF SECOND INFORMATION REQUEST

Days:	Winter		Summer		Total	Customers	Winter	Summer	Peak	Off Peak	Shoulder	Total
	Weekday	Weekend	Weekday	Weekend								
	152	60	212	109	44	153	648,908					
	Winter		Summer									
	Weekday	Weekend	total	Weekday	Weekend	total	Peak	Summer	Off Peak	Shoulder	Winter	Summer
1	11,276,420	4,654,380	15,930,800	5,514,319	2,309,399	7,823,718	44,471,198	32,598,466	175,894,256	59,454,645	310,990,187	175,894,256
2	11,044,727	4,524,347	15,569,074	5,043,384	2,081,401	7,124,785	87,040,310	59,454,645	12,25%	100.00%	442,501,694	267,947,367
3	11,244,497	4,568,795	15,813,292	4,820,865	1,972,737	6,793,602	442,501,694	710,449,061	6.26%	4.59%	44,471,198	32,598,466
4	11,477,736	4,624,404	16,102,140	4,722,321	1,934,141	6,656,462	310,990,187	175,894,256	43.77%	24.76%	87,040,310	59,454,645
5	12,529,830	4,776,278	17,106,109	5,101,359	1,915,543	7,016,902	87,040,310	59,454,645	12.25%	8.37%	442,501,694	267,947,367
6	13,767,839	4,971,082	18,738,921	5,904,797	1,971,369	7,876,166	442,501,694	710,449,061	6.26%	4.59%	44,471,198	32,598,466
7	15,125,362	5,381,940	20,507,302	6,362,700	2,236,901	8,599,601	310,990,187	175,894,256	43.77%	24.76%	87,040,310	59,454,645
8	15,359,769	5,892,872	21,252,641	6,492,427	2,704,578	9,197,005	87,040,310	59,454,645	12.25%	8.37%	442,501,694	267,947,367
9	14,863,509	6,246,253	21,109,762	6,835,887	3,081,747	9,917,634	442,501,694	710,449,061	6.26%	4.59%	44,471,198	32,598,466
10	14,247,920	6,080,818	20,328,738	7,384,631	3,395,546	11,646,648	310,990,187	175,894,256	43.77%	24.76%	87,040,310	59,454,645
11	13,572,798	5,828,678	19,401,476	8,003,957	3,642,691	11,646,648	87,040,310	59,454,645	12.25%	8.37%	442,501,694	267,947,367
12	12,969,228	5,545,569	18,514,796	8,518,198	3,834,879	12,353,077	442,501,694	710,449,061	6.26%	4.59%	44,471,198	32,598,466
1	12,570,772	5,389,921	17,960,694	8,944,583	3,954,895	12,899,478	310,990,187	175,894,256	43.77%	24.76%	87,040,310	59,454,645
2	12,064,973	5,222,579	17,287,553	9,393,447	4,060,490	13,453,937	87,040,310	59,454,645	12.25%	8.37%	442,501,694	267,947,367
3	11,866,167	5,064,982	16,931,148	9,978,027	4,205,357	14,183,384	442,501,694	710,449,061	6.26%	4.59%	44,471,198	32,598,466
4	12,151,720	5,028,016	17,179,736	10,745,482	4,336,555	15,082,038	310,990,187	175,894,256	43.77%	24.76%	87,040,310	59,454,645
5	12,716,597	5,097,378	17,813,975	10,984,724	4,452,960	15,437,684	87,040,310	59,454,645	12.25%	8.37%	442,501,694	267,947,367
6	13,446,493	5,310,376	18,756,869	10,907,897	4,455,000	15,362,897	442,501,694	710,449,061	6.26%	4.59%	44,471,198	32,598,466
7	14,395,762	5,585,522	19,981,285	10,705,845	4,231,294	14,937,139	310,990,187	175,894,256	43.77%	24.76%	87,040,310	59,454,645
8	14,839,934	5,687,901	20,527,835	10,303,236	4,086,024	14,389,260	87,040,310	59,454,645	12.25%	8.37%	442,501,694	267,947,367
9	14,913,491	5,701,099	20,614,591	10,089,870	3,958,142	14,048,012	442,501,694	710,449,061	6.26%	4.59%	44,471,198	32,598,466
10	14,319,267	5,498,262	19,817,529	9,100,840	3,623,373	12,724,213	310,990,187	175,894,256	43.77%	24.76%	87,040,310	59,454,645
11	13,144,691	5,182,191	18,326,882	7,579,512	3,101,157	10,680,669	87,040,310	59,454,645	12.25%	8.37%	442,501,694	267,947,367
12	12,172,845	4,755,704	16,928,549	6,381,345	2,581,534	8,962,879	442,501,694	710,449,061	6.26%	4.59%	44,471,198	32,598,466
			442,501,694			267,947,367						

OWEN ELECTRIC COOPERATIVE
CASE NO 2012-00154
RESPONSE TO COMMISSION STAFF'S SECOND INFORMATION REQUEST

Refer to Owen's response to Item 8 of Staff's First Request.

a. Question:

Explain why Owen sets out a schedule of hours that identifies weekday hours, but does not include weekend hours in the schedule. If unintentionally omitted, provide a revised tariff setting out weekend hours, or include a statement concerning the treatment of all weekend hours.

a. Response:

Please refer to the attached revised tariff which states "All Saturday and Sunday weekend hours are considered off peak."

b. Question:

Owen requires a two-year minimum commitment for participation in the Smart Home Pilot. Assume that a member does not sign up immediately when the pilot begins. The member's commitment would then exceed the two-year period for which Owen requests the pilot be approved. Explain whether the customer obligation ends if Owen decides not to continue the program past two years. Include in the explanation whether the member reverts to the Farm and Home tariff and, if so, when this occurs.

b. Response:

Yes, the member obligation will end if Owen decides not to continue the program. At the conclusion of the program the member will choose to either return to the base rate or other available rate, including a Smart Home Rate, if offered.

FOR Entire Territory Served
Community, Town or City
P.S.C. KY. NO. 6
Original SHEET NO. 23D
CANCELING P.S.C. KY. NO. _____
SHEET NO. _____

Owen Electric Cooperative, Inc.

(Name of Utility)

CLASSIFICATION OF SERVICE

SCHEDULE 1-B4 – SMART HOME PILOT - TIME OF DAY

(N)

- A. Applicable – to the entire territory served.
- B. Available – to all consumers eligible for Schedule 1–Farm and Home participating in Owen Electric’s Smart Home Pilot Program. Participation will be limited to those residential members residing in single family homes with high speed internet access, air conditioning/electric heat, electric water heating, and who use on average 1,100 kWh of energy or more each month. Two year minimum commitment required.
- C. Type of Service – Single Phase, 60 cycle, 120/240 volt.
- D. Rate

Customer Charge (no usage)	\$25.00 per meter, per month
Energy Charge per kWh	
On-Peak Energy	\$0.16329
Off-Peak Energy	\$0.06000
Shoulder	\$0.08000

E. Schedule of Hours

On-Peak and Off-Peak Hours

Months	Days (5 days a week)	On-Peak Hours	*Off-Peak Hours	Shoulder Hours
May thru September	Monday thru Friday	4:00 p.m. to 7:00 p.m.	9:00 p.m. to 12:00 noon	12:00 noon to 4:00 p.m. 7:00 p.m. to 9:00 p.m.
October thru April	Monday thru Friday	7:00 a.m. to 10:00 a.m.	10:00 a.m. to 5:00 p.m. 10:00 p.m. to 6:00 a.m.	5:00 p.m. to 10:00 p.m. 6:00 a.m. to 7:00 a.m.

*All Saturday and Sunday weekend hours are considered off-peak.

- F. Terms of Payment – the above rates are net, the gross being five percent (5%) higher. In the event the current monthly bill is not paid within fifteen days from the date the bill was rendered, the prompt payment discount will be forfeited and the gross amount shall apply.
The monthly kilowatt hour usage shall be subject to plus or minus an adjustment per kWh determined in accordance with the Fuel Adjustment Clause.

The tariff is subject to the Energy Emergency Control Program as filed with the Kentucky Energy Regulatory Commission (now the Public Service Commission) on February 23, 1981, in Administrative Case No. 240, and as approved by the Commission Order of March 31, 1981.

DATE OF ISSUE April 17, 2012
Month / Date / Year

DATE EFFECTIVE Service rendered on and after June 1, 2012
Month / Date / Year

ISSUED BY _____
(Signature of Officer)

TITLE President /CEO

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION
IN CASE NO. _____ DATED _____