

**VERIFICATION**

**STATE OF NORTH CAROLINA**       )  
  )  
**COUNTY OF MECKLENBURG**     )       **SS:**

The undersigned, Tom Puer, Database Management Manager, being duly sworn, deposes and says that he has personal knowledge of the matters set forth in the foregoing data requests, and that the answers contained therein are true and correct to the best of his knowledge, information and belief.

Tom Puer  
Tom Puer, Affiant

Subscribed and sworn to before me by Tom Puer on this 29 day of October,  
2014.

Jimmie O. Strand  
NOTARY PUBLIC

My Commission Expires:  
October 31, 2018



VERIFICATION

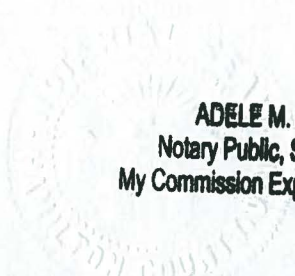
STATE OF OHIO )  
 ) SS:  
COUNTY OF HAMILTON )

The undersigned, Thomas Wiles, Director Analytics, being duly sworn, deposes and says that he has personal knowledge of the matters set forth in the foregoing data requests, and that the answers contained therein are true and correct to the best of his knowledge, information and belief.

  
Thomas Wiles, Affiant

Subscribed and sworn to before me by Thomas Wiles on this 31<sup>st</sup> day of OCTOBER, 2014.

  
NOTARY PUBLIC

  
ADELE M. FRISCH  
Notary Public, State of Ohio  
My Commission Expires 01-05-2019

My Commission Expires: 1/5/2019

VERIFICATION

STATE OF NORTH CAROLINA )  
 ) SS:  
COUNTY OF MECKLENBURG )

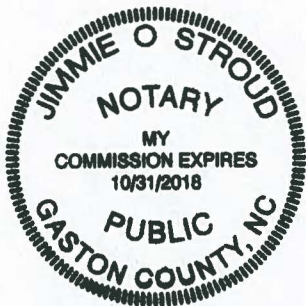
The undersigned, Rick Mifflin, Director of Product & Services, being duly sworn, deposes and says that he has personal knowledge of the matters set forth in the foregoing data requests, and that the answers contained therein are true and correct to the best of his knowledge, information and belief.

*Rick Mifflin*

Rick Mifflin, Affiant

Subscribed and sworn to before me by Rick Mifflin on this 3<sup>rd</sup> day of November,

2014.



*Jimmie O. Stroud*  
NOTARY PUBLIC

My Commission Expires: October 31, 2018

VERIFICATION

STATE OF NORTH CAROLINA )  
 )  
 ) SS:  
COUNTY OF WAKE )

The undersigned, Melissa Adams, Manager of Program Performance, being duly sworn, deposes and says that she has personal knowledge of the matters set forth in the foregoing data requests, and that the answers contained therein are true and correct to the best of her knowledge, information and belief.

Melissa Adams  
Melissa Adams, Affiant

Subscribed and sworn to before me by Melissa Adams on this 3<sup>rd</sup> day of November, 2014.



Maria Edwards  
NOTARY PUBLIC

My Commission Expires: 3/2/2018



VERIFICATION


STATE OF OHIO )  
 ) SS:  
COUNTY OF HAMILTON )

The undersigned, Trisha Haemmerle, Strategy & Collaboration Manager, being duly sworn, deposes and says that she has personal knowledge of the matters set forth in the foregoing data requests, and that the answers contained therein are true and correct to the best of her knowledge, information and belief.

  
Trisha Haemmerle, Affiant

Subscribed and sworn to before me by Trisha Haemmerle on this 31<sup>ST</sup> day of OCTOBER, 2014.

  
ADELE M. FRISCH  
Notary Public, State of Ohio  
My Commission Expires 01-05-2019

  
NOTARY PUBLIC

My Commission Expires: 1/5/2019

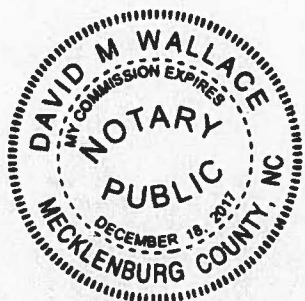
**VERIFICATION**


STATE OF NORTH CAROLINA        )  
  )  
  )        SS:  
COUNTY OF MECKLENBURG        )

The undersigned, John Langston, Senior Product & Services Manager, being duly sworn, deposes and says that he has personal knowledge of the matters set forth in the foregoing data requests, and that the answers contained therein are true and correct to the best of his knowledge, information and belief.

  
\_\_\_\_\_  
John Langston, Affiant

Subscribed and sworn to before me by John Langston on this 29 day of October, 2014.



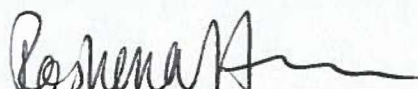
  
\_\_\_\_\_  
NOTARY PUBLIC

My Commission Expires: 12/18/2017

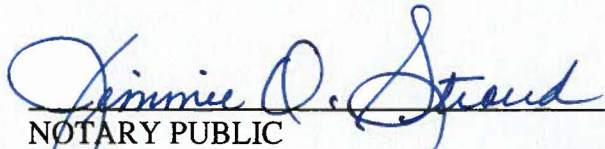
VERIFICATION

STATE OF NORTH CAROLINA        )  
  )  
COUNTY OF MECKLENBURG        )        SS:

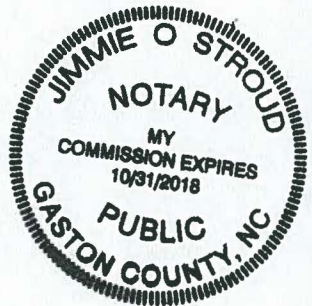
The undersigned, Roshena Ham, Manager Measure & Verification Ops – Planning & Analytics, being duly sworn, deposes and says that she has personal knowledge of the matters set forth in the foregoing data requests, and that the answers contained therein are true and correct to the best of her knowledge, information and belief.

  
\_\_\_\_\_  
Roshena Ham, Affiant

Subscribed and sworn to before me by Roshena Ham on this 29<sup>th</sup> day of October,  
2014.

  
\_\_\_\_\_  
NOTARY PUBLIC

My Commission Expires:  
October 31, 2018



## TABLE OF CONTENTS

<u>DATA REQUEST</u>	<u>WITNESS</u>	<u>TAB NO.</u>
STAFF-DR-02-001	Tom Pluer/Tom Wiles .....	1
STAFF-DR-02-002	Rick Mifflin .....	2
STAFF-DR-02-003	Melissa Adams/Trisha Haemmerle .....	3
STAFF-DR-02-004	John Langston/Roshena Ham .....	4
STAFF-DR-02-005	Trisha Haemmerle .....	5
STAFF-DR-02-006	Trisha Haemmerle .....	6
STAFF-DR-02-007	Roshena Ham .....	7



**STAFF-DR-02-001**

**REQUEST:**

Refer to the response to Commission Staff's First Request for Information ("Staff's First Request"), Item 11.

- a. Provide the number of residential customers with gas service for the four programs with ccf savings shown on page 1 of 2.
- b. The ccf saved by the four programs identified on pages 1 and 2 are the same for 2012-2013 and 2014-2015. Explain how the gas savings for the four programs were calculated, and state how the savings are tied to participation of gas customers.
- c. Provide, by program, the incremental participation for electric and gas, kWh savings, kW savings, and ccf or therm savings for July 2012 to June 2013, July 2013 to June 2014, and projected July 2014 to June 2015.

**RESPONSE:**

- a. See Attachment STAFF-DR-02-001.xlsx. See tab 2012 – 2013 column labeled A – Cust with Gas Service for the number of customers with gas service.
- b. See Attachment STAFF-DR-02-001.xlsx. See tab 2014 – 2015, column labeled B – ccf. Gas savings for the four programs are calculated by multiplying the impact per participant by the incremental participation. A revision was made to the table provided in Staff-DR-01-011 to reflect the corrected impacts for ccf for 2014 -2015. The changes are highlighted in yellow.

- c. See Attachment STAFF-DR-02-001.xlsx. Each tab has information pertaining to Staff-DR-02-001 c. and is labled (C) in row three of each tab.

**PERSON RESPONSIBLE:** Tom Pluer and Tom Wiles

Summary of Load Impacts July 2012 Through June 2013  
 Net Free Rider at Plant

	(C)	(C)	(C)	(A)	(C)	(C)	(C)	(C)	(C)	
Residential Programs	Incremental Participation	kWh	kW	ccf	Cust With Gas Service	Elec/Gas Participation	Elec Participation	Gas Participation	Other* Participation	Total by Service Type
Appliance Recycling Program	526	515,147	134			376	127	23		526
Energy Efficiency Education Program for Schools	773	94,514	8	3,020	577	443	196	134		773
Low Income Neighborhood	109	101,080	26			106	3			109
Low Income Services	297	295,907	52	13,048	184	202	82	13		297
My Home Energy Report**	44,372	10,217,043	2,659			29,890	14,482			44,372
Residential Energy Assessments	504	208,853	140	10,109	373	359	131	14		504
Residential Smart Saver®	539,465	25,725,431	3,656	357	25,593	329,865	209,425	58	117	539,465
Power Manager***	8,956	-	10,907			6,722	2,229	5		8,956
<b>Total Residential</b>	<b>595,002</b>	<b>35,341,089</b>	<b>17,582</b>	<b>26,534</b>						

Non-Residential Programs	Incremental Participation	kWh	kW	ccf	Cust With Gas Service	Elec/Gas Participation	Elec Participation	Gas Participation	Other* Participation	Total by Service Type
Smart Saver® Prescriptive - Energy Star Food Service Products	3	7,259	1			3				3
Smart Saver® Prescriptive - HVAC	15,436	700,682	207			4,823	10,613			15,436
Smart Saver® Prescriptive - Lighting	24,476	4,348,449	856			14,154	10,322			24,476
Smart Saver® Prescriptive - Motors/Pumps/VFD	361	315,525	52			221	140			361
Smart Saver® Prescriptive - Process Equipment	140	64,830	16				140			140
Smart Saver® Custom	1,408	1,087,966	121			1,292	116			1,408
Power Share****	20	-	27,985			3	17			20
<b>Total Non-Residential</b>	<b>41,844</b>	<b>6,205,679</b>	<b>29,238</b>							
<b>Total</b>	<b>636,846</b>	<b>41,546,768</b>	<b>46,820</b>	<b>26,534</b>						

\*Customers have alternative service agreement.

\*\*Actual participants are shown as the June 2013 mailings. Impacts reflect additions due to incremental program participation

\*\*\*Cumulative number of controlled devices installed

Summary of Load Impacts July 2013 Through June 2014  
 Net Free Rider at Plant

		(C)	(C)	(C)	(C)	(C)	(C)	(C)	(C)
Residential Programs	Incremental Participation	kWh	kW	ccf	Elec/Gas Participation	Elec Participation	Gas Participation	Other* Participation	Total by Service Type
Appliance Recycling Program	745	691,610	175		513	232	51		796
Energy Efficiency Education Program for Schools	1,939	237,079	19	7,576	1,335	604	307		2,246
Low Income Neighborhood	719	666,760	174		530	189	1		720
Low Income Services	180	264,160	63	7,990	135	45	4		184
My Home Energy Report**	55,517	11,907,710	3,514		38,674	16,843			55,517
Residential Energy Assessments	557	432,643	95	11,172	373	184	11		568
Residential Smart Saver®	307,772	14,118,429	2,126	41	181,980	125,917	47	10	307,954
Power Manager***	10,453	-	10,800		7,808	2,639	6		10,453
<b>Total Residential</b>	<b>377,882</b>	<b>28,318,391</b>	<b>16,967</b>	<b>26,779</b>					
Non-Residential Programs	Incremental Participation	kWh	kW	ccf	Elec/Gas Participation	Elec Participation	Gas Participation	Other* Participation	Total by Service Type
Smart Saver® Prescriptive - Energy Star Food Service Products	963	844,872	53		908	55			963
Smart Saver® Prescriptive - HVAC	25,613	341,761	152		7,939	17,674			25,613
Smart Saver® Prescriptive - Lighting	19,244	3,601,686	765		15,746	3,498			19,244
Smart Saver® Prescriptive - Motors/Pumps/VFD	567	509,264	53		280	287			567
Smart Saver® Prescriptive - Process Equipment	200	92,615	22			200			200
Smart Saver® Custom	1,490	572,160	88		1,315	175			1,490
Power Share****	22	-	21,895		4	18			
<b>Total Non-Residential</b>	<b>48,099</b>	<b>5,962,358</b>	<b>23,028</b>						
<b>Total</b>	<b>425,981</b>	<b>34,280,749</b>	<b>39,995</b>	<b>26,779</b>					

\*Customers have alternative service agreement.

\*\*Actual participants and Impact capability shown as of the June 2014 mailings.

\*\*\*Cumulative number of controlled devices installed. Impacts reflect average capability over the contract period.



Summary of Load Impacts July 2014 Through June 2015  
 Net Free Rider at Plant

		(C)	(C)	(B), (C)	(C)	(C)	(C)	(C)	(C)
Residential Programs	Incremental Participation	kWh	kW	ccf	Elec/Gas Participation (3)	Elec Participation	Gas Participation	Other* Participation	Total by Service Type
Appliance Recycling Program	1,300	1,297,065	338	-	N/A	1,300			1,300
Energy Efficiency Education Program for Schools	1,500	183,403	15	5,861	N/A	548	953		1,500
Low Income Neighborhood	600	556,406	145	-	N/A	600			600
Low Income Services	303	276,994	48	9,923	N/A	111	192		303
My Home Energy Report	1 43,000	9,901,128	2,576	-	N/A	43,000			43,000
Residential Energy Assessments	500	207,195	139	10,029	N/A	183	318		500
Residential Smart Saver*	44,459	3,159,433	660	3,067	N/A	16,228	28,232		44,459
Power Manager	2		12,050	-	N/A	12,050			12,050
Residential Smart Saver* - New Measures	1,131	46,409	3	-	N/A	413	718		1,131
My Home Energy Report - New Measures	1,338	373,116	110	-	N/A	1,338			1,338
<b>Total Residential</b>	<b>94,130</b>		<b>16,085</b>	<b>28,879</b>					

Non-Residential Programs	Incremental Participation	kWh	kW	ccf	Elec/Gas Participation	Elec Participation	Gas Participation	Other* Participation	Total by Service Type
Smart Saver* Prescriptive - Energy Star Food Service Products	225	210,223	16	-	N/A	225			225
Smart Saver* Prescriptive - HVAC	10,300	497,065	230	-	N/A	10,300			10,300
Smart Saver* Prescriptive - Lighting	19,073	4,287,659	804	-	N/A	19,073			19,073
Smart Saver* Prescriptive - Motors/Pumps/VFD	337	366,878	54	-	N/A	337			337
Smart Saver* Prescriptive - Process Equipment	23	11,567	2	-	N/A	23			23
Smart Saver* Prescriptive - IT	436	88,949	0	-	N/A	436			436
Smart Saver* Custom	1,551	2,008,478	229	-	N/A	1,551			1,551
Power Share*	2		28,099	-	N/A	-			-
SBES	688,763	646,474	139	-	N/A	688,763			688,763
<b>Total Non-Residential</b>	<b>720,707</b>		<b>29,574</b>						
<b>Total</b>	<b>814,837</b>		<b>45,659</b>	<b>28,879</b>					

Notes:

- 1 My Home Energy Report impacts represent cumulative capability, and does not reflect incremental program participation from the prior filing period.
  - 2 Demand Response Impacts reflect YTD average capability over the respective program contract period, not incremental impacts or actual events. Participants are KW Net FR @ Plant.
  3. Projection allocated to gas vs. electric based on allocation of costs in true up filing. Uses 63.5% gas based upon saturation of gas space heating.
- \*Customers have alternative service agreement.

**Duke Energy Kentucky  
Case No. 2014-00280  
Staff's Second Set Data Requests  
Date Received: October 23, 2014**

**STAFF-DR-02-002**

**REQUEST:**

Refer to the response to Staff's First Request, Item 12.d. Confirm that Duke Energy's Residential DSM Program has no gas-burning appliance repair or replacement program that is subject to recovery through its demand-side management surcharge mechanism.

**RESPONSE:**

Residential Conservation and Energy Education which is included in the Low Income Services Program provides up to \$600 per qualified home for repairing gas furnaces and gas water heaters that are operating incorrectly. These costs are recovered through the demand-side management cost recovery mechanism.

There are no other programs for gas-burning appliance repair or replacement within the DSM portfolio.

**PERSON RESPONSIBLE:** Rick Mifflin