

KyPSC Case No. 2020-00266
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**Duke Energy Kentucky
Case No. 2020-00266
Staff First Set Data Requests
Date Received: September 28, 2020**

REVISED STAFF-DR-01-002

REQUEST:

Refer to the application, paragraph 7. Regarding the Home Energy House Call, provide the Cost-Effectiveness Test Results for each of the proposed individual program expansions.

REVISED RESPONSE:

The Company discovered that its initial response contained calculation errors. Please see STAFF-DR-01-002 Revised Attachment for corrected information.

PERSON RESPONSIBLE: Julie Hollingsworth

Program	Product Code	Measure I	Measure Name	UCT	TRC	RIM	PCT**	
Residential Energy Assessments	HCBLRD	12872	Home Energy House Call - Assess Kit w LEDs Blower Door		1.24	1.12	0.63	14.62
Residential Energy Assessments	HCCNDL	12875	Home Energy House Call - Specialty Candelabra LED		0.25	2.10	0.20	46.29
Residential Energy Assessments	HCGLOB	12876	Home Energy House Call - Specialty Globe LED		51.17	10.56	1.07	15.61
Residential Energy Assessments	HCHHSH	12878	Home Energy House Call - Specialty Showerhead		559.27	6.72	0.88	11.92
Residential Energy Assessments	HCNSTE	12873	Home Energy House Call - Smart Thermostat -Elec		1.61	0.97	0.53	2.57
Residential Energy Assessments	HCNSTE	12874	Home Energy House Call - Smart Thermostat -Only CAC Fuel Htd		1.61	0.97	0.53	2.57
Residential Energy Assessments	HCRCSO	12877	Home Energy House Call - Specialty Recessed LED		15.76	12.90	1.00	21.21

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REVISED STAFF-DR-01-006

REQUEST:

Refer to the application, Exhibit A.

- a. For the Residential Energy Assessment Program, provide the individual program cost-effectiveness test results.
- b. For the Smart \$aver® Prescriptive Program, provide the individual program cost-effectiveness test results.

REVISED RESPONSE:

- a. The Company discovered that its initial response contained calculation errors. See STAFF-DR-01-006(a) Revised Attachment for corrected information.
- b. The Company discovered that its initial response contained calculation errors. See STAFF-DR-01-006(b) Revised Attachment for corrected information.

PERSON RESPONSIBLE: Julie Hollingsworth

Program	Product Code	Measure I	Measure Name	UCT	TRC	RIM	PCT**	
Residential Energy Assessments	HCBAER	12207	Home Energy House Call - Bathroom Aerator		57.19	55.64	0.95	97.85
Residential Energy Assessments	HCBLRD	12872	Home Energy House Call - Assess Kit w LEDs Blower Door		1.24	1.12	0.63	14.62
Residential Energy Assessments	HCCNDL	12875	Home Energy House Call - Specialty Candelabra LED		0.25	2.10	0.20	46.29
Residential Energy Assessments	HCGLOB	12876	Home Energy House Call - Specialty Globe LED		51.17	10.56	1.07	15.61
Residential Energy Assessments	HCHHSH	12878	Home Energy House Call - Specialty Showerhead		559.27	6.72	0.88	11.92
Residential Energy Assessments	HCLED	12190	Home Energy House Call - Additional LED		2.48	2.48	0.66	5.72
Residential Energy Assessments	HCNSTE	12873	Home Energy House Call - Smart Thermostat -Elec		1.61	0.97	0.53	2.57
Residential Energy Assessments	HCNSTE	12874	Home Energy House Call - Smart Thermostat -Only CAC Fuel Htd		1.61	0.97	0.53	2.57
Residential Energy Assessments	HCPWRP	12206	Home Energy House Call - Pipe Wrap		36.39	40.13	1.00	67.12
Residential Energy Assessments	HCRCSO	12877	Home Energy House Call - Specialty Recessed LED		15.76	12.90	1.00	21.21
Residential Energy Assessments	HEHC	7103	Home Energy House Call - Kit w LEDs		1.32	1.32	0.65	45.45

Program	Product Code	Measure I	Measure Name	UCT	TRC	RIM	PCT**	
Smart Saver® Prescriptive	NRFS	5660	Zero Energy Doors_Med-Temp Cooler		2.45	1.68	0.78	3.41
Smart Saver® Prescriptive	NRFS	5760	Convection Oven Full-Size		3.51	2.40	1.12	3.41
Smart Saver® Prescriptive	NRHVAC	384	Setback Programmable Thermostat		0.25	1.20	0.19	6.78
Smart Saver® Prescriptive	NRHVAC	3001	0.5 gpm Faucet Aerator (DI) - School, public use		0.24	1.15	0.18	6.78
Smart Saver® Prescriptive	NRHVAC	5704	HVAC DX AC 65-135kBtuh 11.7 EER (Tier 0_1)		1.04	4.97	0.77	6.78
Smart Saver® Prescriptive	NRHVAC	5731	HVAC DX PTAC 12000 Btuh 10.7 EER		1.05	5.02	0.78	6.78
Smart Saver® Prescriptive	NRHVAC	10001	High Volume Low Speed Fan		0.58	2.76	0.43	6.78
Smart Saver® Prescriptive	NRLTG	352	LED Exit Signs Electronic Fixtures (Retrofit Only)		5.06	3.22	1.03	5.69
Smart Saver® Prescriptive	NRLTG	3067	LED FLD rplcng or ILO GRT 100W HAL, INCD, or HID		3.49	2.22	0.71	5.69
Smart Saver® Prescriptive	NRLTG	3069	LED Highbay replacing 251-400W HID		5.55	3.53	1.12	5.69
Smart Saver® Prescriptive	NRLTG	3070	LED Highbay replacing greater than 400W HID		5.54	3.53	1.12	5.69
Smart Saver® Prescriptive	NRLTG	3071	LED Lowbay replacing 176W-250W HID		5.34	3.40	1.08	5.69
Smart Saver® Prescriptive	NRLTG	3072	LED Lowbay replacing up to 175W HID		5.34	3.40	1.08	5.69
Smart Saver® Prescriptive	NRLTG	3073	LED Panel 1x4 replacing or in lieu of T8 FL		5.81	3.70	1.18	5.69
Smart Saver® Prescriptive	NRLTG	3075	LED Panel 2x2 replacing or in lieu of T8 FL		5.87	3.74	1.19	5.69
Smart Saver® Prescriptive	NRLTG	3077	LED Panel 2x4 replacing or in lieu of T8 FL		5.89	3.75	1.19	5.69
Smart Saver® Prescriptive	NRLTG	8850	LED 2ft Tube 1-LED, replacing or in lieu of T8 fluorescent		5.54	3.53	1.12	5.69
Smart Saver® Prescriptive	NRLTG	8851	LED 4ft Tube 1-LED, replacing or in lieu of T8 fluorescent		5.56	3.54	1.13	5.69
Smart Saver® Prescriptive	NRLTG	8852	LED A Lamps		5.90	3.75	1.20	5.69
Smart Saver® Prescriptive	NRLTG	8853	LED Decorative, Globe, 3-Way Lamps		5.92	3.77	1.20	5.69
Smart Saver® Prescriptive	NRLTG	8859	LED PAR, BR, MR Lamps		5.93	3.78	1.20	5.69
Smart Saver® Prescriptive	NRLTG	10070	LED Highbay replacing greater than 400W HID Lamp		5.43	3.46	1.10	5.69
Smart Saver® Prescriptive	NRLTG	10074	LED Highbay Fixture replacing 6-lamp 4ft T8 fixture		6.02	3.83	1.22	5.69
Smart Saver® Prescriptive	NRLTG	10075	LED Highbay Fixture replacing 2-lamp 8ft T12 fixture		6.03	3.84	1.22	5.69
Smart Saver® Prescriptive	NRLTG	10077	LED Highbay Fixture replacing 4-lamp 4ft T5HO fixture		6.02	3.83	1.22	5.69
Smart Saver® Prescriptive	NRLTG	10079	LED FLD rplcng or ILO greater than 500W HAL, INCD, or HID		2.99	1.90	0.61	5.69
Smart Saver® Prescriptive	NRP&M	1114	VFD Process Pump 1-50 HP		3.78	1.87	1.07	2.58
Smart Saver® Prescriptive	NRP&M	10098	VFD on Chilled Water Pump		4.29	2.12	1.21	2.58

Duke Energy Kentucky
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Date Received: September 28, 2020

REVISED STAFF-DR-01-010

REQUEST:

Refer to the application, Appendix G.

- a. Also, refer to the application, paragraph 4. Regarding the Save Energy and Water Kit Program (SEWKP), explain to which demand-side management program listed in paragraph 4 the SEWKP will be part of.
- b. Provide the cost-effectiveness score for the SEWKP.
- c. Refer to page 5 of 83. Explain how Duke Kentucky pre-selects a household.

REVISED RESPONSE:

- a. N/A
- b. The Company discovered that its initial response contained calculation errors. See STAFF-DR-01-010(b) Revised Attachment for corrected information.
- c. N/A

PERSON RESPONSIBLE: Julie Hollingsworth – b.

Program	Product Code	Measure I	Measure Name	UCT	TRC	RIM	PCT**	
Residential Smart Saver®	SFEEAR	2979	Faucet Aerators SF DIY 1.0 GPM - bath		13.60	12.24	0.92	33.63
Residential Smart Saver®	SFEEAR	2980	Faucet Aerators SF DIY 1.0 GPM - kitchen		13.64	12.28	0.92	33.63
Residential Smart Saver®	SFEEPW	2997	Pipe Wrap SF DIY		10.23	12.81	0.90	71.34
Residential Smart Saver®	SFEESH	2993	LF Showerhead SF DIY 1.5 GPM		6.06	8.77	0.85	31.85