

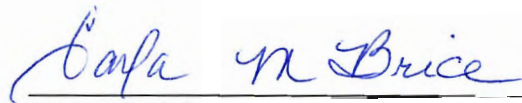
KyPSC Case No. 2025-00272
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VERIFICATION

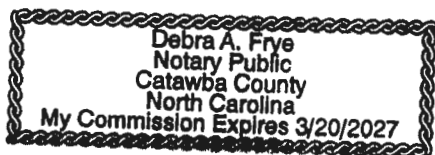
STATE OF NORTH CAROLINA)
) SS:
COUNTY OF MECKLENBURG)

The undersigned, Carla M. Brice, Products and Services 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.



Carla M. Brice, Affiant

Subscribed and sworn to before me by Carla M. Brice on this 6th day of October, 2025.





NOTARY PUBLIC

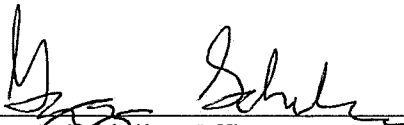
My Commission Expires:

3-20-2027

VERIFICATION

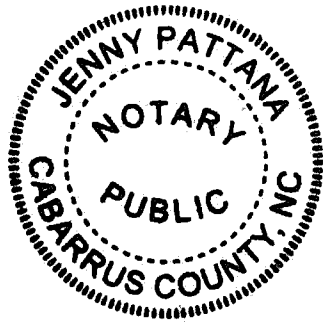
STATE OF NORTH CAROLINA)
) SS:
COUNTY OF MECKLENBURG)

The undersigned, Gregory Schielke, Sr. Products and 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.



Gregory Schielke, Affiant

Subscribed and sworn to before me by Gregory Schielke on this 8th day of
October, 2025.





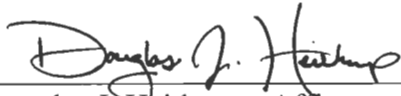
NOTARY PUBLIC

My Commission Expires: 06/08/2030

VERIFICATION

STATE OF OHIO)
) SS:
COUNTY OF HAMILTON)

The undersigned, Douglas J. Heitkamp, Manager Rates and Regulatory Strategy, 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.



Douglas J. Heitkamp, Affiant

Subscribed and sworn to before me by Douglas J. Heitkamp on this 9th day of October, 2025.



NOTARY PUBLIC

My Commission Expires: July 8, 2027

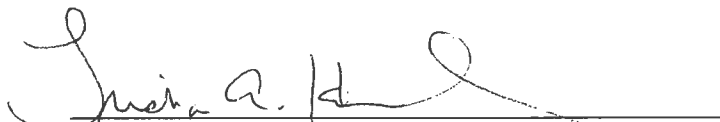


EMILIE SUNDERMAN
Notary Public
State of Ohio
My Comm. Expires
July 8, 2027

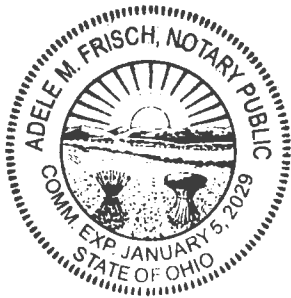
VERIFICATION

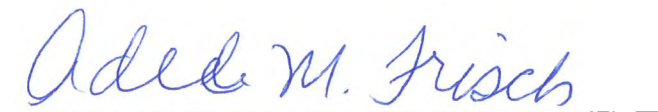
STATE OF OHIO)
) SS:
COUNTY OF HAMILTON)

The undersigned, Trisha A. Haemmerle, Lead 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 A. Haemmerle, Affiant

Subscribed and sworn to before me by Trisha A. Haemmerle on this 6TH day of OCTOBER, 2025.




NOTARY PUBLIC

My Commission Expires: 1/5/2029

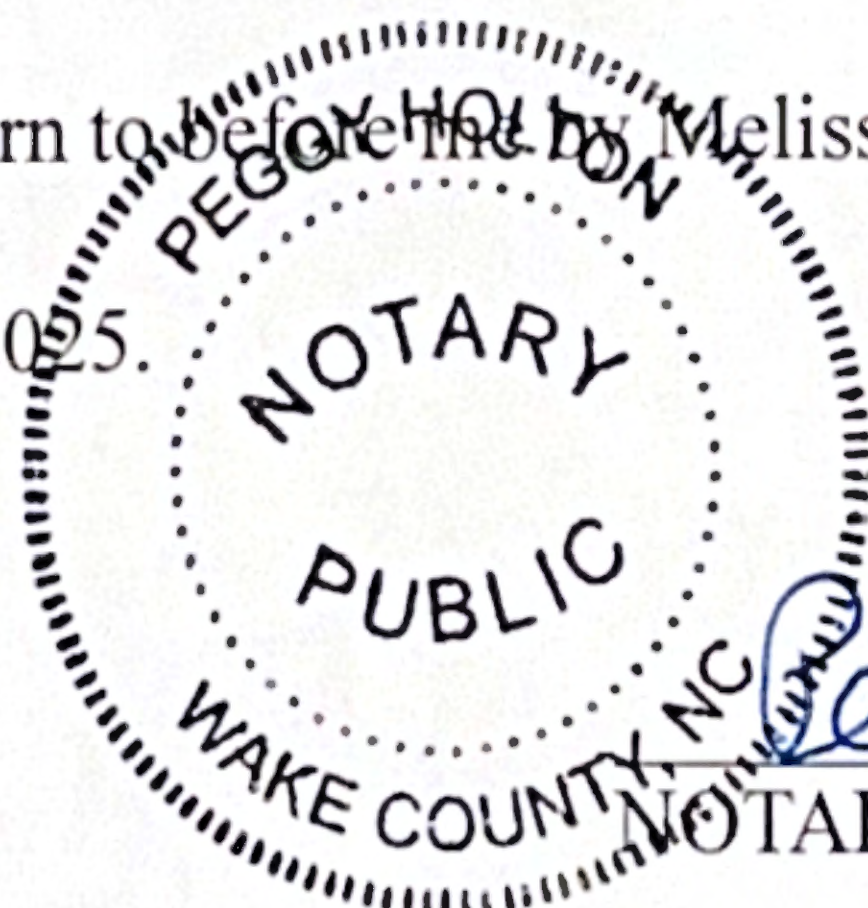
VERIFICATION

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

The undersigned, Melissa E. Adams, Director, 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.

Melissa E Adams
Melissa E. Adams, Affiant

Subscribed and sworn to before me by Melissa E. Adams on this 30th day of September, 2025.



Peggy Holton
NOTARY PUBLIC

My Commission Expires: 12/22/2026

Duke Energy Kentucky
Case No. 2025-00272
STAFF's First Request for Information
Date Received: September 24, 2025

STAFF-DR-01-001

REQUEST:

Refer to the Application at 6. Explain the reasoning behind requiring a participating customer to pay a copay for upgrades to the Residential Smart Saver kits. Additionally, provide examples of how much the copay would be for a participating customer.

RESPONSE:

Kits contain a free standard energy efficient showerhead. Accordingly, customers are offered the opportunity to purchase a specialty energy-efficient showerhead featuring various finishes or functionalities at a discounted price. The energy savings from upgraded showerheads are the same as for the standard option. Because there is no gain in energy savings from the upgrades, the added benefit is a matter of the customer's personal preference and therefore it is appropriate for the customer to bear that incremental cost. The customer pays only for the difference between the free standard showerhead included in the program and the upgraded showerhead of their choice as an enhancement to the program. The upgraded showerhead allows the customer to participate and receive energy savings while also getting the showerhead that best meets their personal preferences.

The copay for the customer would be the difference between the standard showerhead included in the kit and the upgraded showerhead of their choosing.

Upgrade List Requested	Customer Copay*
Measure Name	
Showerhead- 1.5 GPM- Matte Black	\$8.00
Showerhead- 1.5 GPM- Brush Nickel	\$9.00
Wand Showerhead- 1.5 GPM- Chrome	\$6.50
Wand Showerhead- 1.5 GPM- Matte Black	\$12.50
Wand Showerhead- 1.5 GPM- Brush Nickel	\$15.00
Showerhead-Thermostatic Valve Device Combo	\$11.00
**Faucet Aerator- 1.0 GPM- bath - Matte Black	\$0
**Faucet Aerator- 1.0 GPM- bath - Brush Nickel	\$0
*Copoly per measure per customer	
**Faucet Aerator - Bath in special finish are giveaways along with showerhead of choice	

PERSON RESPONSIBLE: Carla Brice

Duke Energy Kentucky
Case No. 2025-00272
STAFF's First Request for Information
Date Received: September 24, 2025

STAFF-DR-01-002

REQUEST:

Refer to the Application at 6. Explain how much the budget would increase if Duke Kentucky were to absorb the costs of the Residential Smart Saver kit upgrades. Additionally, explain how Duke Kentucky's absorption of program expenses might impact the Cost Effectiveness Test Results for the Residential Smart Saver program.

RESPONSE:

Please see table below for the costs that would be added to the program. Based on participation assumptions, the program would incur an additional \$14,490; however, the energy savings would not increase from the standard offerings, as explained in the Company's response to STAFF-DR-01-001.

Measure Name	Participation Assumptions	Customer Copay	Total
Showerhead- 1.5 GPM - Matte Black	314	\$8.00	\$2,512.00
Showerhead- 1.5 GPM - Brush Nickel	986	\$9.00	\$8,874.00
Wand Showerhead- 1.5 GPM - Chrome	115	\$6.50	\$747.50
Wand Showerhead- 1.5 GPM - Matte Black	38	\$12.50	\$475.00
Wand Showerhead- 1.5 GPM - Brush Nickel	121	\$15.00	\$1,815.00
Showerhead-Thermostatic Valve Device Combo	6	\$11.00	\$66.00
Faucet Aerator- 1.0 GPM - bath - Matte Black	500	\$0.00	\$0.00
Faucet Aerator- 1.0 GPM - bath - Brush Nickel	1568	\$0.00	\$0.00
Total	3648		\$14,490

Please see the table below for the impacts to the Cost Effectiveness Test Results for the Residential Smart Saver Program:

Cost Effectiveness Test Results - 2025-26 Forecast				
Program Name	UCT	TRC	RIM	PCT
Residential Smart Saver® - as filed	3.75	3.35	1.58	4.66
Residential Smart Saver® - no copay on new measures	3.68	3.29	1.56	4.52

PERSON RESPONSIBLE: Carla Brice

Duke Energy Kentucky
Case No. 2025-00272
STAFF's First Request for Information
Date Received: September 24, 2025

STAFF-DR-01-003

REQUEST:

Refer to the Application at 7–8. Explain how the proposed Energy Efficiency in Education Program differs from the previously terminated Energy Efficiency Education Program for Schools.

RESPONSE:

The proposed Energy Efficiency in Education Program includes some enhancements from the previously terminated Energy Efficiency Program for Schools.

- A new theatrical performance implementation vendor.
- Expanding the program to offer performances or information seminars to high schools and also to non-school environments via community educational and awareness programs in communal settings (ex: Libraries, Summer camps, YMCAs).
- Expanded kit measures such as furnace filter whistle, weatherstripping and pipe wrap.
- Offering a second kit with a combination of different measures and measures that are in kit 1, however, have additional installation opportunities within a home. This kit would go to a customer who requests a kit after already receiving kit 1 and is still within the one kit per 36-month limit.

PERSON RESPONSIBLE: Gregory Schielke

Duke Energy Kentucky
Case No. 2025-00272
STAFF's First Request for Information
Date Received: September 24, 2025

STAFF-DR-01-004

REQUEST:

Refer to the Application, Appendix D. Explain why the Demand Side Management Rate (DSMR) decreased for both residential and non-residential distribution service. Provide cost justification for the decreases in Excel spreadsheet format with all formulas, rows, and columns unprotected and fully accessible.

RESPONSE:

The decrease in both residential and non-residential distribution service is due to lost revenues being adjusted as part of the overall program costs, lost revenues and shared savings total that are included in the rate calculation.

Due to the Company's pending base rate case, Case No. 2024-00354, lost revenues for the forecast timeframe (July 1, 2025 – June 30, 2026) are therefore being set to zero.

PERSON RESPONSIBLE: Douglas J. Heitkamp

Duke Energy Kentucky
Case No. 2025-00272
STAFF's First Request for Information
Date Received: September 24, 2025

STAFF-DR-01-005

REQUEST:

Refer to the Application, Appendix J at 1.

a. Clarify whether the title of the program is Small Business Energy Saver Program or Business Energy Saver Program.

b. Explain and exemplify what satisfactory consent means in the tariff.

c. Refer to the sentence starting “(SBES) facilitates the installation of.”

Explain whether the parentheses are necessary in that sentence.

RESPONSE:

a. The Company noted in its Application in Case No. 2022-00398, that Small Business Energy Saver and SmartPath would be referred to as a single program called “Business Energy Saver” beginning July 1, 2023.¹ The proposed tariff sheet submitted with this Application as Appendix J includes this update. In the current tariff, the program’s name is still Small Business Energy Saver.

b. “Satisfactory consent” is the customer’s acknowledgement, granted by signing the proposal given to the customer by Duke Energy Kentucky. This confirms that the customer has the authority to implement the measures to be installed. If the Duke Energy Kentucky Customer is not the owner of the facility, the Customer warrants that it

¹ *Electronic Annual Cost Recovery Filing for Demand Side Management by Duke Energy Kentucky, Inc.*, Case No. 2022-00398, Application, p. 33 n.12 (Nov. 15, 2022).

has obtained all necessary consents and authorizations for the work, including, without limitation, consent from the owner of the applicable premises.

c. No, parentheses are not necessary in that sentence as SBES was defined in the previous sentence. The Company typically uses parentheses around an abbreviation only the first time that the full term is spelled out.

PERSON RESPONSIBLE: Trisha Haemmerle

**Duke Energy Kentucky
Case No. 2025-00272
STAFF's First Request for Information
Date Received: September 24, 2025**

STAFF-DR-01-006

REQUEST:

Refer to the Application, Exhibit C. Provide the exhibit in Excel spreadsheet format with all formulas, rows, and columns unprotected and fully accessible.

RESPONSE:

Please see STAFF-DR-01-006 Attachment.

PERSON RESPONSIBLE: Douglas J. Heitkamp

Kentucky DSM Rider Comparison of Revenue Requirement to Rider Recovery 2023-2024 Status Update														
Residential Programs	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	Projected Program Costs 7/2023 to 6/2024 (A)	Projected Lost Revenues 7/2023 to 6/2024 (A)	Projected Shared Savings 7/2023 to 6/2024 (A)	Program Expenditures 7/2023 to 6/2024 (B)	Program Expenditures (C) Gas	Electric	Lost Revenues 7/2023 to 6/2024 (B)	Shared Savings 7/2023 to 6/2024 (B)	2023 Gas (D)	Reconciliation Electric (D)	Rider Collection (E) Gas	Electric	(Over)/Under Gas (F)	Collection Electric (G)
Income Qualified Neighborhood	\$ 512,928	\$ -	\$ (27,182)	\$ 484,377	\$ -	\$ 484,377	\$ 9,143	\$ (21,565)						
Income Qualified Services	\$ 940,323	\$ -	\$ (55,087)	\$ 500,362	\$ 238,922	\$ 261,440	\$ 7,930	\$ (20,612)						
Home Energy Report	\$ 275,858	\$ -	\$ 34,165	\$ 93,770	\$ -	\$ 93,770	\$ 32,699	\$ 15,479						
Residential Energy Assessments	\$ 286,985	\$ -	\$ 17,859	\$ 322,548	\$ -	\$ 322,548	\$ 25,702	\$ 13,768						
Residential Smart \$aver®	\$ 520,248	\$ -	\$ 39,668	\$ 530,726	\$ -	\$ 530,726	\$ 82,719	\$ 19,069						
Power Manager®	\$ 1,104,092	\$ -	\$ 101,191	\$ 843,133	\$ -	\$ 843,133	\$ -	\$ 125,853						
Peak Time Rebate Pilot Program	\$ 216,000	\$ -	\$ -	\$ 105,254	\$ -	\$ 105,254	\$ -							
Revenues collected													(\$417,814)	\$3,688,487
Total	\$ 3,856,433	\$ -	\$ 110,615	\$ 2,880,170	\$ 238,922	\$ 2,641,248	\$ 158,192	\$ 131,992	\$ (898,895)	\$ (3,439,347)	\$ (417,814)	\$ 3,688,487	\$ (242,159)	\$ (4,196,402)

(A) Amounts identified in report filed in Case No. 2023-00269
(B) Actual program expenditures, lost revenues (for this period and from prior period DSM measure installations), and shared savings for the period July 1, 2023 through June 30, 2024
(C) Allocation of program expenditures to gas and electric in accordance with the Commission's Order in Case No. 2014-00354
(D) Recovery allowed in accordance with the Commission's Order in Case No. 2023-00354
(E) Revenues collected through the DSM Rider between July 1, 2023 and June 30, 2024
(F) Column (5) + Column (9) - Column(11)
(G) Column (6) + Column (7) + Column (8) + Column (10) - Column(12)

Commercial Programs	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Projected Program Costs 7/2023 to 6/2024 (A)	Projected Lost Revenues 7/2023 to 6/2024 (A)	Projected Shared Savings 7/2023 to 6/2024 (A)	Program Expenditures 7/2023 to 6/2024 (B)	Lost Revenues 7/2023 to 6/2024 (B)	Shared Savings 7/2023 to 6/2024 (B)	2023 Reconciliation (C)	Rider Collection (D)	(Over)/Under Collection (E)
Business Energy Saver	\$ 879,517	\$ -	\$ 126,001	\$ 784,158	\$ 122,891	\$ 67,268			
Smart \$aver® Non-Residential	\$ 2,090,665	\$ -	\$ 473,988	\$ 888,499	\$ 106,720	\$ 480,267			
Total	\$ 2,970,183	\$ -	\$ 599,988	\$ 1,672,658	\$ 229,611	\$ 547,535	\$ 2,752,187	\$ 5,295,887	\$ (93,896)
PowerShare®	\$ 1,063,284	\$ -	\$ 93,220	\$ 726,232	\$ -	\$ 64,776	\$ 460,639	\$ 1,135,775	\$ 115,873
Total All Programs	\$ 7,889,900	\$ -	\$ 803,823	\$ 5,279,059	\$ 387,803	\$ 744,303			

(A) Amounts identified in report filed in Case No. 2023-00269
(B) Actual program expenditures, lost revenues (for this period and from prior period DSM measure installations), and shared savings for the period July 1, 2023 through June 30, 2024
(C) Recovery allowed in accordance with the Commission's Order in Case No. 2023-00354
(D) Revenues collected through the DSM Rider between July 1, 2023 and June 30, 2024
(E) Column (4) + Column (5) + Column (6) + Column (7) - Column(8)

**Duke Energy Kentucky
Case No. 2025-00272
STAFF's First Request for Information
Date Received: September 24, 2025**

STAFF-DR-01-007

REQUEST:

Refer to the Application, Exhibit G at 22. The DSMore Table Excel spreadsheet was not provided. Provide the table in Excel spreadsheet format with all formulas, rows, and columns unprotected and fully accessible.

RESPONSE:

Please see STAFF-DR-01-007 Attachment.

PERSON RESPONSIBLE: Melissa Adams

DSMore Table: DEK 2024 Non-Residential Smart \$aver® Prescriptive Program Evaluation

For completeness sake, this table includes measures not included in this evaluation. Values are ex ante DSMore values.
Values are for planning purposes. Two measures (Air Cooled Chiller_Any greater than 150 tons; Combination Oven_10 pan) have different retrospective values for 2019 records.
The last entry reflects case lighting with controls in NC applications. We provided that for DEC/DEP and DEI. Here, we have no instances of that measure in NC but if it is going to be incented, this would be the value to use.

MeasureName	Unit of Measure	Jurisdiction	State	ProdCode	SRC_PGM_ MEAS_ID	MEAS_ID	EM&V Gross Target Annual kWh Savings/Unit	EM&V Gross Target Annual Summer Coincident kW/Unit	EM&V Gross Target Annual Winter Coincident kW/Unit	Combined Free Rider % - Spillover%
Air Cooled Chiller_Any greater than 150 tons	per ton	DEK	KY	NRHVAC	10957	6122	435.109	0.1152	-	18.20%
Air Cooled Chiller_Any less than 150 tons	per ton	DEK	KY	NRHVAC	10958	6123	314.199	0.0798	-	18.20%
Air Receiver Tanks for Load, No Load Compressors	per gallon	DEK	KY	NRPROC	16135	8820	62.399	0.0090	0.0090	18.20%
Anti-sweat Heater Controls	per door	DEK	KY	NRFS	2163	292	1,673.972	-	0.0980	18.20%
ARC 10 to 15 Ton Gas Heat	per ton	DEK	KY	NRHVAC	10184	5661	649.893	0.1660	0.1670	18.20%
ARC greater than 15 Ton Gas Heat	per ton	DEK	KY	NRHVAC	10185	5662	803.613	0.2030	0.2090	18.20%
ARC HP 10 to 15 Ton	per ton	DEK	KY	NRHVAC	10186	5663	774.779	0.1670	0.2790	18.20%
ARC HP greater than 15 Ton	per ton	DEK	KY	NRHVAC	10187	5664	937.134	0.2040	0.3130	18.20%
Barrel Wraps (Inj Mold & Extruders) kW per ton	kW per ton	DEK	KY	NRPROC	3927	1192	49.999	0.0080	0.0080	18.20%
CEE Tier 1 Room AC less than 14,000 Btu per hr	per HVAC	DEK	KY	NRHVAC	3676	1134	129.000	0.1370	-	18.20%
Clothes Dryer C&I - Electric	per clothes dryer	DEK	KY	NRPROC	17810	10092	1,241.543	0.0220	0.0220	18.20%
Clothes Washer C&I	per clothes washer	DEK	KY	NRPROC	17809	10091	465.468	0.0080	0.0080	18.20%
Clothes Washer MF Common Area	per clothes washer	DEK	KY	NRPROC	17814	10096	484.613	0.0148	0.0148	18.20%
Clothes Washer MF Tnt	per clothes washer	DEK	KY	NRPROC	17812	10094	133.189	0.0172	0.0172	18.20%
Combination Oven_10 pan	per oven	DEK	KY	NRFS	10150	5758	6,305.287	1.1660	1.0077	18.20%
Combination Oven_20 pan	per oven	DEK	KY	NRFS	10151	5759	11,644.377	2.1534	1.8610	18.20%
Compressed Air Audit and Leak Repair	per SCFM	DEK	KY	NRPROC	16136	8821	1,247.974	0.1730	0.1730	18.20%
Convection Oven Full-Sized	per oven	DEK	KY	NRFS	10152	5760	2,084.524	0.3850	0.3330	18.20%
CoolRoof New Replace on Burnout College-sq ft	per sq ft	DEK	KY	NRHVAC	8350	4501	0.535	-	-	18.20%
CoolRoof New Replace on Burnout Hotel-sq ft	per sq ft	DEK	KY	NRHVAC	8360	4503	0.538	0.0010	-	18.20%
CoolRoof New Replace on Burnout Medium Offic-sq ft	per sq ft	DEK	KY	NRHVAC	8370	4505	0.230	-	-	18.20%
CoolRoof New Replace on Burnout Other-sq ft	per sq ft	DEK	KY	NRHVAC	8380	4507	0.350	0.0002	-	18.20%
CoolRoof New Replace on Burnout Retail-sq ft	per sq ft	DEK	KY	NRHVAC	8385	4508	0.587	-	-	18.20%
CoolRoof New Replace on Burnout School-sq ft	per sq ft	DEK	KY	NRHVAC	8390	4509	0.410	-	-	18.20%
CoolRoof New Replace on Burnout Strip Mall-sq ft	per sq ft	DEK	KY	NRHVAC	8395	4510	0.459	-	-	18.20%
Dairy Heat Reclaimer	per heat reclaimer	DEK	KY	NRPROC	16139	8824	22,329.438	0.5530	0.9270	18.20%
Dairy Scroll Compressor	per compressor hp	DEK	KY	NRPROC	16141	8826	699.084	0.0820	0.2190	18.20%
Daylighting Control with Occupancy Sensors	per watt controlled	DEK	KY	NRLTG	16142	8827	1.076	0.0010	0.0010	12.10%
DCV Retrofit Medium Office - per sq ft	per sq ft	DEK	KY	NRHVAC	17730	10012	0.140	0.0010	-	18.20%
DCV Retrofit Motel - per sq ft	per sq ft	DEK	KY	NRHVAC	17720	10002	0.216	-	-	18.20%
DCV Retrofit Restaurant - per sq ft	per sq ft	DEK	KY	NRHVAC	17724	10006	0.011	-	-	18.20%
DCV Retrofit Retail - per sq ft	per sq ft	DEK	KY	NRHVAC	17721	10003	0.175	0.0010	-	18.20%
DCV Retrofit School - per sq ft	per sq ft	DEK	KY	NRHVAC	17722	10004	0.216	0.0010	-	18.20%
DCV Retrofit Small Office - per sq ft	per sq ft	DEK	KY	NRHVAC	17727	10009	0.109	-	-	18.20%
DCV Retrofit Strip Mall - per sq ft	per sq ft	DEK	KY	NRHVAC	17725	10007	0.207	0.0010	-	18.20%
Demand Control Ventilation for Kitchen Exhaust Hood	per hp	DEK	KY	NRFS	16143	8828	4,196.580	0.5410	0.5420	18.20%
Dishwasher Multi-Tank -HT- CNV New -rplc on BO	per dishwasher	DEK	KY	NRFS	10175	5652	30,432.199	3.7460	3.2400	18.20%
Dishwasher Multi-Tank -HT- CNV w-Boost Htr (Elec) New -rplc on BO	per dishwasher	DEK	KY	NRFS	6982	3121	30,432.199	3.7460	3.2400	18.20%
Dishwasher Multi-Tank -HT- CNV w-Boost Htr (Gas) New -rplc on BO	per dishwasher	DEK	KY	NRFS	6983	3122	21,182.059	2.6070	2.2550	18.20%
Dishwasher Multi-Tank -LT- CNV New -rplc on BO	per dishwasher	DEK	KY	NRFS	6940	3079	22,319.814	2.7470	2.3760	18.20%
Dishwasher Sngl Tank -HT- CNV New -rplc on BO	per dishwasher	DEK	KY	NRFS	10179	5656	10,009.644	1.2320	1.0660	18.20%
Dishwasher Sngl Tank -HT- CNV w-Boost Htr (Elec) New -rplc on BO	per dishwasher	DEK	KY	NRFS	6984	3123	9,949.586	1.2256	1.0596	18.20%
Dishwasher Sngl Tank -HT- CNV w-Boost Htr (Gas) New -rplc on BO	per dishwasher	DEK	KY	NRFS	6985	3124	7,526.594	0.9264	0.8012	18.20%
Dishwasher Sngl Tank -HT- Door New -rplc on BO	per dishwasher	DEK	KY	NRFS	10180	5657	13,096.691	1.6123	1.3946	18.20%
Dishwasher Sngl Tank -HT- Door w-Boost Htr (Elec) New -rplc on BO	per dishwasher	DEK	KY	NRFS	6986	3125	13,096.691	1.6123	1.3946	18.20%
Dishwasher Sngl Tank -HT- Door w-Boost Htr (Gas) New -rplc on BO	per dishwasher	DEK	KY	NRFS	6987	3126	9,160.080	1.1270	0.9750	18.20%
Dishwasher Under Counter -HT- New -rplc on BO	per dishwasher	DEK	KY	NRFS	10181	5658	3,373.793	0.4150	0.3590	18.20%
Dishwasher Under Counter -HT- w-Boost Htr (Elec) New -rplc on BO	per dishwasher	DEK	KY	NRFS	6923	3062	3,374.240	0.4160	0.3590	18.20%
Dishwasher Under Counter -HT- w-Boost Htr (Gas) New -rplc on BO	per dishwasher	DEK	KY	NRFS	6924	3063	2,754.828	0.3390	0.2930	18.20%
Dishwasher Under Counter -LT- New -rplc on BO	per dishwasher	DEK	KY	NRFS	6943	3082	3,013.000	0.3710	0.3210	18.20%
Door Gaskets - Cooler and Freezer	per linear foot	DEK	KY	NRFS	3736	1146	98.000	0.0080	0.0100	18.20%
DX RTU Tune-up_ AC_ Fixed Orifice_ +10pct chg adj	per ton	DEK	KY	NRHVAC	10190	5667	88.939	0.0970	-	18.20%
DX RTU Tune-up_ AC_ Fixed Orifice_ +15pct chg adj	per ton	DEK	KY	NRHVAC	10191	5668	141.256	0.1540	-	18.20%
DX RTU Tune-up_ AC_ Fixed Orifice_ +20pct chg adj	per ton	DEK	KY	NRHVAC	10192	5669	200.112	0.2170	-	18.20%
DX RTU Tune-up_ AC_ Fixed Orifice_ +25pct chg adj	per ton	DEK	KY	NRHVAC	10193	5670	326.944	0.3550	-	18.20%
DX RTU Tune-up_ AC_ Fixed Orifice_ +30pct chg adj	per ton	DEK	KY	NRHVAC	10194	5671	470.105	0.5110	-	18.20%
DX RTU Tune-up_ AC_ Fixed Orifice_ +5pct chg adj	per ton	DEK	KY	NRHVAC	10195	5672	42.129	0.0460	-	18.20%
DX RTU Tune-up_ AC_ TXV_ +20pct chg adj	per ton	DEK	KY	NRHVAC	10199	5676	60.249	0.0650	-	18.20%
DX RTU Tune-up_ AC_ TXV_ +25pct chg adj	per ton	DEK	KY	NRHVAC	10200	5677	79.165	0.0860	-	18.20%
DX RTU Tune-up_ AC_ TXV_ +30pct chg adj	per ton	DEK	KY	NRHVAC	10201	5678	109.152	0.1190	-	18.20%
DX RTU Tune-up_ AC_ TXV_ -20pct chg adj	per ton	DEK	KY	NRHVAC	10203	5680	33.352	0.0360	-	18.20%
DX RTU Tune-up_ HP_ Fixed Orifice_ +10pct chg adj	per ton	DEK	KY	NRHVAC	10204	5681	383.669	0.0970	0.0990	18.20%
DX RTU Tune-up_ HP_ Fixed Orifice_ +15pct chg adj	per ton	DEK	KY	NRHVAC	10205	5682	609.356	0.1540	0.1570	18.20%
DX RTU Tune-up_ HP_ Fixed Orifice_ +20pct chg adj	per ton	DEK	KY	NRHVAC	10206	5683	863.255	0.2170	0.2220	18.20%
DX RTU Tune-up_ HP_ Fixed Orifice_ +25pct chg adj	per ton	DEK	KY	NRHVAC	10207	5684	1,410.388	0.3550	0.3630	18.20%
DX RTU Tune-up_ HP_ Fixed Orifice_ +30pct chg adj	per ton	DEK	KY	NRHVAC	10208	5685	2,027.964	0.5110	0.5220	18.20%
DX RTU Tune-up_ HP_ Fixed Orifice_ +5pct chg adj	per ton	DEK	KY	NRHVAC	10209	5686	181.738	0.0460	0.0470	18.20%
DX RTU Tune-up_ HP_ TXV_ +25pct chg adj	per ton	DEK	KY	NRHVAC	10214	5691	341.507	0.0860	0.0880	18.20%

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DX RTU Tune-up_ HP_ TXV_ +30pct chg adj	per ton	DEK	KY	NRHVAC	10215	5692	470.866	0.1190	0.1210	18.20%	-
DX RTU Tune-up_ HP_ TXV_ -20pct chg adj	per ton	DEK	KY	NRHVAC	10217	5694	143.876	0.0360	0.0370	18.20%	-
EC Plug Fan_10 HP	per 10HP fan	DEK	KY	NRIT	10260	5737	32,999.611	-	-	18.20%	-
EC Plug Fan_15 HP	per 15HP fan	DEK	KY	NRIT	10261	5738	48,807.489	-	-	18.20%	-
EC Plug Fan_20 HP	per 20HP fan	DEK	KY	NRIT	10257	5734	65,076.652	-	-	18.20%	-
EC Plug Fan_3 HP	per 3HP fan	DEK	KY	NRIT	10258	5735	10,143.232	-	-	18.20%	-
EC Plug Fan_5 HP	per 5HP fan	DEK	KY	NRIT	10259	5736	16,905.387	-	-	18.20%	-
EC Plug Fan_7.5 HP	per 7.5HP fan	DEK	KY	NRIT	10263	5740	24,940.091	-	-	18.20%	-
ECM for HVAC fan_ 1 HP	per motor	DEK	KY	NRHVAC	10218	5695	2,895.000	0.6600	0.6740	18.20%	-
ECM for HVAC fan_ 3 qrtr HP	per motor	DEK	KY	NRHVAC	10219	5696	2,171.250	0.4950	0.5050	18.20%	-
ECM for HVAC fan_ half HP	per motor	DEK	KY	NRHVAC	10220	5697	1,447.500	0.3300	0.3370	18.20%	-
ECM for HVAC fan_ qrtr HP	per motor	DEK	KY	NRHVAC	10221	5698	723.750	0.1650	0.1680	18.20%	-
ECM for HVAC fan_ third HP	per motor	DEK	KY	NRHVAC	10222	5699	955.350	0.2180	0.2220	18.20%	-
ECM Refrigerated or Freezer Display Case Motors - ECM replacing PSC	per hp	DEK	KY	NRFS	17718	10000	7,443.991	0.8490	0.8500	18.20%	-
ECM Refrigerated or Freezer Display Case Motors - ECM replacing SP	per hp	DEK	KY	NRFS	17716	9998	23,230.508	2.6490	2.6520	18.20%	-
ECM Walk-In Cooler and Freezer Motors - ECM replacing PSC	per hp	DEK	KY	NRFS	17717	9999	6,992.995	0.8440	0.8450	18.20%	-
ECM Walk-In Cooler and Freezer Motors - ECM replacing SP	per hp	DEK	KY	NRFS	17715	9997	19,558.749	2.3620	2.3640	18.20%	-
Energy Star Room AC over 14,000 Btu hr	per HVAC	DEK	KY	NRHVAC	2173	518	212.000	0.2240	-	18.20%	-
Energy Star Room AC under 14,000 Btu hr	per HVAC	DEK	KY	NRHVAC	2174	519	129.000	0.1370	-	18.20%	-
Engine Block Heater Timer	per timer	DEK	KY	NRPROC	16144	8829	415.025	-	0.3710	18.20%	-
Engineered Nozzles - COMPRESS AIR	per nozzle	DEK	KY	NRPROC	2176	534	2,879.940	1.0800	1.0800	18.20%	-
Escalator Motor Efficiency Controller	per hp	DEK	KY	NRPAM	16145	8830	136.190	0.0250	0.0250	18.20%	-
Fan High Efficiency 14 to 23 inches	per fan	DEK	KY	NRHVAC	16154	8839	479.477	0.0940	0.0940	18.20%	-
Fan High Efficiency 14 to 23 inches - C&I	per fan	DEK	KY	NRHVAC	17735	10017	282.238	0.0750	0.0580	18.20%	-
Fan High Efficiency 24 to 35 inches	per fan	DEK	KY	NRHVAC	16155	8840	712.760	0.1400	0.1400	18.20%	-
Fan High Efficiency 24 to 35 inches - C&I	per fan	DEK	KY	NRHVAC	17736	10018	419.558	0.1110	0.0860	18.20%	-
Fan High Efficiency 36 to 47 inches	per fan	DEK	KY	NRHVAC	16156	8841	750.396	0.1470	0.1470	18.20%	-
Fan High Efficiency 36 to 47 inches - C&I	per fan	DEK	KY	NRHVAC	17737	10019	441.711	0.1170	0.0900	18.20%	-
Fan High Efficiency 48 to 61 inches	per fan	DEK	KY	NRHVAC	16157	8842	1,302.814	0.2560	0.2560	18.20%	-
Fan High Efficiency 48 to 61 inches - C&I	per fan	DEK	KY	NRHVAC	17738	10020	766.886	0.2030	0.1560	18.20%	-
Fan High Volume Low Speed	per fan	DEK	KY	NRHVAC	17719	10001	19,446.207	2.5472	2.5472	18.20%	1
Faucet Aerator 0.5 gpm (DI) cmrcl, public use	per aerator	DEK	KY	NRHVAC	6862	2999	1,730.964	0.0350	0.0350	18.20%	1
Faucet Aerator 0.5 gpm (DI) cmrcl, pvt use	per aerator	DEK	KY	NRHVAC	6863	3000	241.995	0.0350	0.0350	18.20%	1
Faucet Aerator 0.5 gpm (DI) School, public use	per aerator	DEK	KY	NRHVAC	6864	3001	1,299.973	0.0350	0.0350	18.20%	-
Faucet Aerator 1.0 gpm (DI) cmrcl, public use	per aerator	DEK	KY	NRHVAC	6865	3002	1,221.975	0.0250	0.0250	18.20%	1
Faucet Aerator 1.0 gpm (DI) cmrcl, pvt use	per aerator	DEK	KY	NRHVAC	6866	3003	170.996	0.0250	0.0250	18.20%	-
Faucet Aerator 1.0 gpm (DI) School, public use	per aerator	DEK	KY	NRHVAC	6867	3004	916.981	0.0250	0.0250	18.20%	-
FHAC_No Variable Speed_1975-1985	per HP	DEK	KY	NRFS	10153	5630	623.079	0.0860	0.0860	18.20%	-
FHAC_No Variable Speed_1985-1996	per HP	DEK	KY	NRFS	10154	5631	471.576	0.0650	0.0650	18.20%	-
FHAC_No Variable Speed_1996-2003	per HP	DEK	KY	NRFS	10155	5632	300.894	0.0420	0.0420	18.20%	-
FHAC_No Variable Speed_less than 1975	per HP	DEK	KY	NRFS	10156	5633	620.591	0.0860	0.0860	18.20%	-
FHAC_Variable Speed_1975-1985	per HP	DEK	KY	NRFS	10157	5634	890.551	0.1230	0.1230	18.20%	-
FHAC_Variable Speed_1985-1996	per HP	DEK	KY	NRFS	10158	5635	890.551	0.1230	0.1230	18.20%	-
FHAC_Variable Speed_1996-2003	per HP	DEK	KY	NRFS	10159	5636	890.551	0.1230	0.1230	18.20%	-
FHAC_Variable Speed_less than 1975	per HP	DEK	KY	NRFS	10160	5637	890.551	0.1230	0.1230	18.20%	-
FHWC_No Variable Speed_1975-1985	per HP	DEK	KY	NRFS	10161	5638	1,165.633	0.1610	0.1610	18.20%	-
FHWC_No Variable Speed_1985-1996	per HP	DEK	KY	NRFS	10162	5639	669.220	0.0930	0.0930	18.20%	-
FHWC_No Variable Speed_1996-2003	per HP	DEK	KY	NRFS	10163	5640	452.266	0.0630	0.0630	18.20%	-
FHWC_No Variable Speed_less than 1975	per HP	DEK	KY	NRFS	10164	5641	1,156.980	0.1600	0.1600	18.20%	-
FHWC_Variable Speed_1975-1985	per HP	DEK	KY	NRFS	10165	5642	1,266.219	0.1750	0.1750	18.20%	-
FHWC_Variable Speed_1985-1996	per HP	DEK	KY	NRFS	10166	5643	841.981	0.1160	0.1170	18.20%	-
FHWC_Variable Speed_1996-2003	per HP	DEK	KY	NRFS	10167	5644	577.904	0.0800	0.0800	18.20%	-
FHWC_Variable Speed_less than 1975	per HP	DEK	KY	NRFS	10168	5645	1,256.994	0.1740	0.1740	18.20%	-
Floating Suction_1975-1985	per HP	DEK	KY	NRFS	10169	5646	282.628	-	-	18.20%	-
Floating Suction_1985-1996	per HP	DEK	KY	NRFS	10170	5647	222.573	-	-	18.20%	-
Floating Suction_1996-2003	per HP	DEK	KY	NRFS	10171	5648	197.692	-	-	18.20%	-
Floating Suction_less than 1975	per HP	DEK	KY	NRFS	10172	5649	280.005	-	-	18.20%	-
Fluorescent Delamping 2ft T8	per lamp removed	DEK	KY	NRLTG	16147	8832	37.426	0.0070	0.0050	12.10%	-
Fluorescent Delamping 3ft T8	per lamp removed	DEK	KY	NRLTG	16149	8834	55.757	0.0100	0.0070	12.10%	-
Fluorescent Delamping 3ft T8 with Reflector	per lamp removed	DEK	KY	NRLTG	16148	8833	55.757	0.0100	0.0070	12.10%	-
Fluorescent Delamping 4ft T8	per lamp removed	DEK	KY	NRLTG	16151	8836	74.088	0.0140	0.0100	12.10%	-
Fluorescent Delamping 4ft T8 with Reflector	per lamp removed	DEK	KY	NRLTG	16150	8835	74.088	0.0140	0.0100	12.10%	-
Fluorescent Delamping 8ft T8	per lamp removed	DEK	KY	NRLTG	16153	8838	147.413	0.0280	0.0190	12.10%	-
Fluorescent Delamping 8ft T8 with Reflector	per lamp removed	DEK	KY	NRLTG	16152	8837	147.413	0.0280	0.0190	12.10%	-
Freezer -C&I- Glass Door 15 to 30 ft3 - var	per freezer	DEK	KY	NRFS	2898	882	2,004.000	0.1920	0.1920	18.20%	-
Freezer -C&I- Glass Door 30 to 50ft3 - var	per freezer	DEK	KY	NRFS	2900	884	3,868.920	0.3710	0.3710	18.20%	-
Freezer -C&I- Glass Door less than 15ft3 - var	per freezer	DEK	KY	NRFS	2896	880	1,693.000	0.1620	0.1620	18.20%	-
Freezer -C&I- Glass Door more than 50ft3 - var	per freezer	DEK	KY	NRFS	2902	886	7,117.852	0.6830	0.6830	18.20%	-
Freezer -C&I- Solid Door 30 to 50ft3 - var	per freezer	DEK	KY	NRFS	2916	900	1,727.964	0.1650	0.1650	18.20%	-
Freezer -C&I- Solid Door less than 15ft3 - var	per freezer	DEK	KY	NRFS	2912	896	594.988	0.0570	0.0570	18.20%	-
Freezer -C&I- Solid Door more than 50ft3 - var	per freezer	DEK	KY	NRFS	2918	902	3,757.000	0.3600	0.3600	18.20%	-
Fryer (Large Vat)	per fryer	DEK	KY	NRFS	10173	5650	2,660.766	0.4920	0.4250	18.20%	-
Fryer (Standard Vat)	per fryer	DEK	KY	NRFS	10174	5651	1,057.702	0.1950	0.1690	18.20%	-
High Bay 2L T5 H0 replacing HID retrofit	per fixture (ballast + bulb)	DEK	KY	NRLTG	2179	317	326.993	0.0670	0.0670	12.10%	-
High Bay 3L T5 H0 replacing HID retrofit	per fixture (ballast + bulb)	DEK	KY	NRLTG	2183	318	488.019	0.0890	0.0800	12.10%	-
High Bay 4L T5 H0 replacing HID retrofit	per fixture (ballast + bulb)	DEK	KY	NRLTG	2180	319	1,012.187	0.1850	0.1670	12.10%	-

High Bay 6L T5 HO (2 fixtures) retrofit replc 1000W HID	per 2 fixtures (ballasts + bulbs)	DEK	KY	NRLTG	2131	491	1,581.542	0.2890	0.2610	12.10%	-
High Bay 8L T5 HO replacing HID retrofit	per fixture (ballast + bulb)	DEK	KY	NRLTG	2182	321	1,645.070	0.3000	0.2710	12.10%	-
High Efficiency Pumps 1.5HP	per pump	DEK	KY	NRPAM	2126	486	325.680	0.0740	0.0730	18.20%	-
High Efficiency Pumps 10HP	per pump	DEK	KY	NRPAM	2128	488	2,171.200	0.4950	0.4890	18.20%	1
High Efficiency Pumps 15HP	per pump	DEK	KY	NRPAM	2130	490	3,256.800	0.7430	0.7330	18.20%	-
High Efficiency Pumps 20HP	per pump	DEK	KY	NRPAM	2134	494	4,028.200	0.8540	0.8540	18.20%	1
High Efficiency Pumps 2HP	per pump	DEK	KY	NRPAM	2133	493	402.820	0.0850	0.0850	18.20%	-
High Efficiency Pumps 3HP	per pump	DEK	KY	NRPAM	2136	496	604.230	0.1280	0.1280	18.20%	-
High Efficiency Pumps 5HP	per pump	DEK	KY	NRPAM	2138	498	1,007.050	0.2140	0.2140	18.20%	-
High Efficiency Pumps 7.5HP	per pump	DEK	KY	NRPAM	2139	499	1,628.400	0.3710	0.3660	18.20%	1
Holding Cabinet Full Size Insulated	per cabinet	DEK	KY	NRFS	2188	327	5,259.491	0.8060	0.8060	18.20%	-
HVAC DX AC 135-240kBtuh 11.7 EER (Tier 0_1)	per ton	DEK	KY	NRHVAC	10223	5700	80.427	0.0630	-	18.20%	1
HVAC DX AC 135-240kBtuh 11.7 EER (Tier 0_1) - EER only	per ton	DEK	KY	NRHVAC	17747	10029	51.265	0.0480	-	18.20%	-
HVAC DX AC 135-240kBtuh 12.2 EER (Tier 2)	per ton	DEK	KY	NRHVAC	10224	5701	119.982	0.0940	-	18.20%	1
HVAC DX AC 135-240kBtuh 12.2 EER (Tier 2) - EER only	per ton	DEK	KY	NRHVAC	17744	10026	82.641	0.0790	-	18.20%	1
HVAC DX AC 240-760kBtuh 10.5 EER (Tier 0_1)	per ton	DEK	KY	NRHVAC	10225	5702	76.816	0.0600	-	18.20%	-
HVAC DX AC 240-760kBtuh 10.5 EER (Tier 0_1) - EER only	per ton	DEK	KY	NRHVAC	17748	10030	77.282	0.0420	-	18.20%	-
HVAC DX AC 240-760kBtuh 10.8 EER (Tier 2)	per ton	DEK	KY	NRHVAC	10226	5703	106.689	0.0840	-	18.20%	1
HVAC DX AC 240-760kBtuh 10.8 EER (Tier 2) - EER only	per ton	DEK	KY	NRHVAC	17745	10027	109.806	0.0660	-	18.20%	1
HVAC DX AC 65-135kBtuh 11.7 EER (Tier 0_1)	per ton	DEK	KY	NRHVAC	10227	5704	61.417	0.0480	-	18.20%	1
HVAC DX AC 65-135kBtuh 11.7 EER (Tier 0_1) - EER only	per ton	DEK	KY	NRHVAC	17746	10028	61.144	0.0340	-	18.20%	1
HVAC DX AC 65-135kBtuh 12.2 EER (Tier 2)	per ton	DEK	KY	NRHVAC	10228	5705	100.972	0.0790	-	18.20%	1
HVAC DX AC 65-135kBtuh 12.2 EER (Tier 2) - EER only	per ton	DEK	KY	NRHVAC	17743	10025	101.392	0.0650	-	18.20%	1
HVAC DX AC greater than 760kBtuh 10.4 EER (Tier 2)	per ton	DEK	KY	NRHVAC	10229	5706	102.862	0.0810	-	18.20%	-
HVAC DX AC greater than 760kBtuh 10.4 EER (Tier 2) - EER only	per ton	DEK	KY	NRHVAC	17756	10038	96.918	0.0620	-	18.20%	1
HVAC DX AC greater than 760kBtuh 9.9 EER (Tier 0_1)	per ton	DEK	KY	NRHVAC	10230	5707	48.026	0.0380	-	18.20%	-
HVAC DX AC greater than 760kBtuh 9.9 EER (Tier 0_1) - EER only	per ton	DEK	KY	NRHVAC	17757	10039	76.816	0.0180	-	18.20%	-
HVAC DX AC less than 65kBtuh 14 SEER (Tier 0_1)	per ton	DEK	KY	NRHVAC	10231	5708	62.044	0.0540	-	18.20%	1
HVAC DX AC less than 65kBtuh 15 SEER (Tier 0_1) - EER only	per ton	DEK	KY	NRHVAC	17753	10035	62.044	0.0840	-	18.20%	-
HVAC DX AC less than 65kBtuh 15 SEER (Tier 2)	per ton	DEK	KY	NRHVAC	10232	5709	115.815	0.1000	-	18.20%	1
HVAC DX AC less than 65kBtuh 16 SEER (Tier 2) - EER only	per ton	DEK	KY	NRHVAC	17749	10031	89.857	0.1110	-	18.20%	-
HVAC DX HP 135-240kBtuh 10.9 EER 3.3 COP (Tier 1)	per ton	DEK	KY	NRHVAC	10233	5710	143.728	0.0940	0.0190	18.20%	-
HVAC DX HP 135-240kBtuh 10.9 EER 3.3 COP (Tier 1) - EER only	per ton	DEK	KY	NRHVAC	17755	10037	72.449	0.0230	0.0190	18.20%	-
HVAC DX HP 65-135kBtuh 11.3 EER 3.4 COP (Tier 1)	per ton	DEK	KY	NRHVAC	10234	5711	123.321	0.0790	0.0180	18.20%	-
HVAC DX HP 65-135kBtuh 11.3 EER 3.4 COP (Tier 1) - EER only	per ton	DEK	KY	NRHVAC	17754	10036	71.187	0.0210	0.0180	18.20%	1
HVAC DX HP greater than 240 kBtuh 10.3 EER 3.3 COP (Tier 1)	per ton	DEK	KY	NRHVAC	10235	5712	130.436	0.0840	0.0190	18.20%	-
HVAC DX HP greater than 240 kBtuh 10.3 EER 3.3 COP (Tier 1) - EER only	per ton	DEK	KY	NRHVAC	17758	10040	88.088	0.0730	0.0190	18.20%	-
HVAC DX HP Packaged less than 65kBtuh 14 SEER 8 HSPF (Tier 1)	per ton	DEK	KY	NRHVAC	10236	5713	103.713	0.0540	0.0330	18.20%	-
HVAC DX HP Packaged less than 65kBtuh 15 SEER 8.5 HSPF (Tier 1) - EER only	per ton	DEK	KY	NRHVAC	17760	10042	193.539	0.0390	0.0840	18.20%	-
HVAC DX HP Packaged less than 65kBtuh 15 SEER 8.5 HSPF (Tier 2)	per ton	DEK	KY	NRHVAC	10238	5715	90.598	0.0470	0.0290	18.20%	-
HVAC DX HP Packaged less than 65kBtuh 16 SEER 9 HSPF (Tier 2) - EER only	per ton	DEK	KY	NRHVAC	17759	10041	291.664	0.0560	0.1280	18.20%	-
HVAC DX HP Split less than 65kBtuh 15 SEER 9 HSPF (Tier 2)	per ton	DEK	KY	NRHVAC	10240	5717	146.519	0.0470	0.0740	18.20%	1
HVAC DX mini split AC 15 SEER	per ton	DEK	KY	NRHVAC	10242	5719	115.815	0.1000	-	18.20%	-
HVAC DX mini split AC 16 SEER	per ton	DEK	KY	NRHVAC	10243	5720	179.152	0.1410	-	18.20%	1
HVAC DX mini split AC 18 SEER	per ton	DEK	KY	NRHVAC	10244	5721	265.410	0.2090	-	18.20%	-
HVAC DX mini split AC 20 SEER	per ton	DEK	KY	NRHVAC	10245	5722	334.417	0.2630	-	18.20%	-
HVAC DX mini split HP 15 SEER 8.5 HSPF	per ton	DEK	KY	NRHVAC	10246	5723	90.598	0.0470	0.0290	18.20%	-
HVAC DX mini split HP 16 SEER 8.5 HSPF	per ton	DEK	KY	NRHVAC	10248	5725	137.648	0.0870	0.0290	18.20%	-
HVAC DX mini split HP 18 SEER 9.6 HSPF	per ton	DEK	KY	NRHVAC	10250	5727	331.403	0.1550	0.1220	18.20%	-
HVAC DX mini split HP 20 SEER 9.6 HSPF	per ton	DEK	KY	NRHVAC	10252	5729	394.136	0.2090	0.1220	18.20%	1
HVAC DX PTAC 12000 Btuh 10.7 EER	per HVAC	DEK	KY	NRHVAC	10254	5731	51.732	0.0410	-	18.20%	-
HVAC DX PTAC 15000 Btuh 9.8 EER	per HVAC	DEK	KY	NRHVAC	10255	5732	77.436	0.0610	-	18.20%	-
HVAC DX PTAC 7600 Btuh 12.2 EER	per HVAC	DEK	KY	NRHVAC	10256	5733	34.602	0.0270	-	18.20%	-
HVAC PTHP 12000 Btuh 11.4 EER 3.3 COP	per HVAC	DEK	KY	NRHVAC	17728	10010	150.579	0.0750	0.0440	18.20%	-
HVAC PTHP 15000 Btuh 10.2 EER 3.2 COP	per HVAC	DEK	KY	NRHVAC	17729	10011	195.894	0.0800	0.0750	18.20%	-
HVAC PTHP 7600 Btuh 12.4 EER 3.4 COP	per HVAC	DEK	KY	NRHVAC	17726	10008	46.919	0.0260	0.0110	18.20%	-
HVAC Water Source HP less than 17 kBtuh	per ton	DEK	KY	NRHVAC	16160	8845	318.767	0.1590	0.0730	18.20%	-
Icemaker (Greater Than 1000 lbs_day)	per ice maker	DEK	KY	NRFS	2205	350	3,541.181	0.4040	0.4040	18.20%	-
LED 2ft T8 or T12 Delamping	per lamp removed	DEK	KY	NRLTG	17771	10053	34.371	0.0060	0.0040	12.10%	-
LED 2ft Tube 1-LED, rplcg or in lieu of T8 fluor	per lamp	DEK	KY	NRLTG	16165	8850	33.507	0.0060	0.0038	12.10%	1
LED 4ft Case Lights, T8 to LED	per fixture	DEK	KY	NRLTG	10264	5741	86.505	0.0150	-	12.10%	-
LED 4ft T8 or T12 Delamping	per lamp removed	DEK	KY	NRLTG	17770	10052	64.923	0.0120	0.0080	12.10%	-
LED 4ft T8 or T12 Delamping with Reflector	per lamp removed	DEK	KY	NRLTG	17773	10055	64.923	0.0120	0.0080	12.10%	-
LED 4ft Tube 1-LED, rplcg or in lieu of T5HO fluor	per lamp	DEK	KY	NRLTG	17801	10083	149.549	0.0266	0.0171	12.10%	1
LED 4ft Tube 1-LED, rplcg or in lieu of T5SO fluor	per lamp	DEK	KY	NRLTG	17800	10082	75.231	0.0134	0.0086	12.10%	1
LED 4ft Tube 1-LED, rplcg or in lieu of T8 fluor	per lamp	DEK	KY	NRLTG	16166	8851	64.823	0.0115	0.0074	12.10%	1
LED 5ft Case Lights, T8 to LED	per fixture	DEK	KY	NRLTG	10266	5743	109.270	0.0190	-	12.10%	-
LED 6ft Case Lights, T8 to LED	per fixture	DEK	KY	NRLTG	17774	10056	273.784	0.0370	0.0330	12.10%	-
LED 6ft Case Lights, T8 to LED - With Controls	per fixture	DEK	KY	NRLTG	17786	10068	364.865	0.0490	0.0440	12.10%	-
LED Canopy replacing 176-250W HID Lamp	per lamp	DEK	KY	NRLTG	17778	10060	649.158	0.1220	0.0840	12.10%	-
LED Canopy replacing 251-400W HID Lamp	per lamp	DEK	KY	NRLTG	17779	10061	1,101.293	0.2070	0.1420	12.10%	-
LED Canopy replacing up to 175W HID Lamp	per lamp	DEK	KY	NRLTG	17782	10064	330.445	0.0620	0.0430	12.10%	-
LED Display Case, rplcg or ILO INCD or FL display case ltng	per fixture	DEK	KY	NRLTG	6989	3128	68.001	0.0133	-	12.10%	1
LED Downlight up to 18W	per lamp	DEK	KY	NRLTG	3811	1161	222.575	0.0466	0.0466	12.10%	1
LED Exit Signs Electronic Fixtures (Retrofit Only)	per fixture	DEK	KY	NRLTG	2209	352	211.314	0.0295	0.0247	12.10%	1
LED FLD rplcng or ILO greater than 500W HAL, INCD, or HID	per lamp	DEK	KY	NRLTG	17797	10079	2,855.204	-	0.3943	12.10%	1

LED FLD rplcng or ILO GRT 100W HAL, INCD, or HID	per fixture	DEK	KY	NRLTG	6928	3067	767.864	-	0.1060	12.10%	1
LED FLD rplcng or ILO up to 100W HAL, INCD, or HID	per fixture	DEK	KY	NRLTG	6929	3068	172.000	-	0.0238	12.10%	1
LED Garage replacing above 400W HID retrofit Lamp	per lamp	DEK	KY	NRLTG	17791	10073	3,004.979	-	-	12.10%	-
LED Highbay Fixture replacing 2-lamp 8ft T12 fixture	per fixture	DEK	KY	NRLTG	17793	10075	899.555	0.1255	0.0752	12.10%	1
LED Highbay Fixture replacing 4-lamp 4ft T5HO fixture	per fixture	DEK	KY	NRLTG	17795	10077	691.597	0.0965	0.0578	12.10%	1
LED Highbay Fixture replacing 6-lamp 4ft T8 fixture	per fixture	DEK	KY	NRLTG	17792	10074	777.078	0.1084	0.0649	12.10%	1
LED Highbay replacing 251-400W HID	per fixture	DEK	KY	NRLTG	6930	3069	1,719.630	0.2399	0.1437	12.10%	1
LED Highbay replacing 251-400W HID Lamp	per lamp	DEK	KY	NRLTG	17780	10062	1,898.125	0.2648	0.1586	12.10%	1
LED Highbay replacing greater than 400W HID	per fixture	DEK	KY	NRLTG	6931	3070	4,618.088	0.6443	0.3859	12.10%	1
LED Highbay replacing greater than 400W HID Lamp	per lamp	DEK	KY	NRLTG	17788	10070	4,375.031	0.6104	0.3656	12.10%	1
LED Indoor Channel Sign, greater than 2 feet	per letter	DEK	KY	NRLTG	16169	8854	328.433	0.0620	0.0420	12.10%	-
LED Indoor Channel Sign, less than or equal to 2 feet	per letter	DEK	KY	NRLTG	16170	8855	127.936	0.0240	0.0160	12.10%	-
LED Indoor Sport Lighting	per lamp	DEK	KY	NRLTG	16171	8856	2,280.546	0.5261	0.4076	12.10%	1
LED Linear Ambient Fixture	per fixture	DEK	KY	NRLTG	21999	12160	76.202	0.0159	0.0121	12.10%	-
LED Lowbay replacing 176W-250W HID	per fixture	DEK	KY	NRLTG	6932	3071	1,019.459	0.1541	0.1007	12.10%	1
LED Lowbay replacing 176W-250W HID Lamp	per lamp	DEK	KY	NRLTG	17781	10063	599.158	0.1160	0.0798	12.10%	1
LED Lowbay replacing up to 175W HID	per fixture	DEK	KY	NRLTG	6933	3072	364.093	0.0552	0.0361	12.10%	1
LED Lowbay replacing up to 175W HID Lamp	per lamp	DEK	KY	NRLTG	17783	10065	330.076	0.0620	0.0430	12.10%	-
LED Outdoor Channel Sign, greater than 2 feet	per letter	DEK	KY	NRLTG	16172	8857	376.930	-	-	12.10%	-
LED Outdoor Channel Sign, less than or equal to 2 feet	per letter	DEK	KY	NRLTG	16173	8858	143.186	-	-	12.10%	-
LED Panel 1x4 replacing or in lieu of T8 FL	per fixture	DEK	KY	NRLTG	6934	3073	99.328	0.0182	0.0114	12.10%	1
LED Panel 2x2 replacing or in lieu of T8 FL	per fixture	DEK	KY	NRLTG	6936	3075	39.317	0.0072	0.0045	12.10%	1
LED Panel 2x4 replacing or in lieu of T8 FL	per fixture	DEK	KY	NRLTG	6938	3077	171.203	0.0314	0.0197	12.10%	1
LED Poultry Lights	per lamp	DEK	KY	NRLTG	16175	8860	257.638	0.0380	0.0340	12.10%	-
Lighting Power Density for New Construction	per sq ft	DEK	KY	NRLTG	16176	8861	0.850	-	-	12.10%	-
Low Flow Showerhead 1.5 gpm (DI) cmrcl, public use	per showerhead	DEK	KY	NRHVAC	6979	3118	852.982	0.0320	0.0320	18.20%	-
Low Flow Showerhead 1.5 gpm (DI) cmrcl, pvt use	per showerhead	DEK	KY	NRHVAC	6868	3005	426.991	0.0320	0.0320	18.20%	1
Low Pressure Sprinkler Nozzles Solid Set	per nozzle	DEK	KY	NRPROC	16180	8865	9.250	0.0030	-	18.20%	-
Milk Vacuum Pump VFD	per hp	DEK	KY	NRPAM	16181	8866	1,750.823	0.1850	0.4040	18.20%	-
Notched V-Belts for Non-HVAC Systems	per motor HP	DEK	KY	NRPROC	22006	12161	34.872	0.0044	0.0061	18.20%	-
PC Power Management from Network	per computer and monitor controlled	DEK	KY	NRIT	6944	3083	200.000	0.0200	-	18.20%	-
Photocells with Time Clocks Exterior	per watt controlled	DEK	KY	NRLTG	16184	8869	2.023	-	-	12.10%	-
Pre Rinse Sprayers	per sprayer	DEK	KY	NRFS	3841	1167	1,387.595	0.1153	0.1153	18.20%	1
Refrigerators -C&I- ENERGY STAR ER	per refrigerator	DEK	KY	NRFS	17708	9990	179.682	0.0290	0.0240	18.20%	-
Refrigerators -C&I- Glass Door less than 15ft3 - var	per refrigerator	DEK	KY	NRFS	2904	888	722.000	0.0690	0.0690	18.20%	-
Remote Mounted Daylight Sensor	per control	DEK	KY	NRLTG	6945	3084	378.714	0.0860	0.0770	12.10%	-
Remote Mounted Daylight Sensor per watt	per watt controlled	DEK	KY	NRLTG	16187	8872	1.003	0.0010	0.0010	12.10%	-
Roof Insulation	per sq ft of roof insulated	DEK	KY	NRHVAC	22020	12163	4.614	0.0003	0.0034	18.20%	-
Setback Programmable Thermostat	per thermostat	DEK	KY	NRHVAC	2225	384	1,158.555	-	0.0300	18.20%	1
Steamer_3 pan	per steam cooker	DEK	KY	NRFS	2232	522	11,195.431	2.1430	2.1460	18.20%	-
Steamer_4 pan	per steam cooker	DEK	KY	NRFS	2233	525	12,467.275	2.3870	2.3890	18.20%	-
Steamer_5 pan	per steam cooker	DEK	KY	NRFS	2234	526	13,840.186	2.6500	2.6530	18.20%	-
Steamer_6 pan	per steam cooker	DEK	KY	NRFS	2235	527	15,088.996	2.8915	2.8915	18.20%	1
Strip Curtains - Freezers	per sq ft	DEK	KY	NRFS	17704	9986	79.210	0.0090	0.0090	18.20%	-
Strip Curtains - Refrigerated Warehouse	per sq ft	DEK	KY	NRFS	17711	9993	287.000	0.0330	0.0330	18.20%	-
Suction Pipe Insulation - Coolers	per linear foot	DEK	KY	NRFS	17707	9989	11.300	0.0020	0.0020	18.20%	-
Suction Pipe Insulation - Freezers	per linear foot	DEK	KY	NRFS	17709	9991	14.935	0.0030	0.0030	18.20%	-
Switch or Fixture Mounted Daylight Sensor per watt	per watt controlled	DEK	KY	NRLTG	16188	8873	1.003	0.0010	0.0010	12.10%	-
Switching Controls for Multi-Level Lighting	per watt controlled	DEK	KY	NRLTG	16189	8874	1.003	0.0010	0.0010	12.10%	-
Time Clocks External Lighting	per watt controlled	DEK	KY	NRLTG	16190	8875	1.451	-	-	12.10%	-
Variable speed drive on HVAC chiller	per hp	DEK	KY	NRHVAC	16192	8877	198.957	0.0540	-	18.20%	-
VFD HVAC Fan	per fan hp	DEK	KY	NRPAM	3636	1112	1,011.700	0.0700	0.1460	18.20%	-
VFD on Chilled Water Pump	per hp	DEK	KY	NRPAM	17816	10098	101.608	-	-	18.20%	1
VFD on Hot Water Pump	per hp	DEK	KY	NRPAM	17815	10097	608.518	-	-	18.20%	1
VFD Process Pump 1-50 HP	per hp	DEK	KY	NRPAM	3646	1114	1,012.000	0.2090	0.2090	18.20%	1
VFDs on chilled water pumps 10HP	per pump	DEK	KY	NRIT	6949	3088	23,003.869	-	-	18.20%	-
VFDs on chilled water pumps 10HP w Economizer	per pump	DEK	KY	NRIT	6950	3089	11,381.829	-	-	18.20%	-
VFDs on chilled water pumps 15HP	per pump	DEK	KY	NRIT	6951	3090	34,023.465	-	-	18.20%	-
VFDs on chilled water pumps 15HP w Economizer	per pump	DEK	KY	NRIT	6952	3091	16,834.092	-	-	18.20%	-
VFDs on chilled water pumps 20HP	per pump	DEK	KY	NRIT	6953	3092	45,364.620	-	-	18.20%	-
VFDs on chilled water pumps 20HP w Economizer	per pump	DEK	KY	NRIT	6954	3093	22,445.455	-	-	18.20%	-
VFDs on chilled water pumps 25HP w Economizer	per pump	DEK	KY	NRIT	6956	3095	27,876.968	-	-	18.20%	-
VFDs on chilled water pumps 30HP w Economizer	per pump	DEK	KY	NRIT	6958	3097	33,274.613	-	-	18.20%	-
VFDs on chilled water pumps 40HP w Economizer	per pump	DEK	KY	NRIT	6960	3099	44,366.150	-	-	18.20%	-
VFDs on chilled water pumps 50HP w Economizer	per pump	DEK	KY	NRIT	6962	3101	55,222.946	-	-	18.20%	-
VFDs on chilled water pumps 5HP	per pump	DEK	KY	NRIT	6963	3102	11,784.664	-	-	18.20%	-
VFDs on chilled water pumps 5HP w Economizer	per pump	DEK	KY	NRIT	6964	3103	5,830.803	-	-	18.20%	-
VFDs on chilled water pumps 7.5HP	per pump	DEK	KY	NRIT	6965	3104	17,385.617	-	-	18.20%	-
VFDs on chilled water pumps 7.5HP w Economizer	per pump	DEK	KY	NRIT	6966	3105	8,602.036	-	-	18.20%	-
VFDs on CRAC CRAH AHU Fan 10HP	per fan	DEK	KY	NRIT	6967	3106	22,261.957	-	-	18.20%	-
VFDs on CRAC CRAH AHU Fan 15HP	per fan	DEK	KY	NRIT	6968	3107	32,926.152	-	-	18.20%	-
VFDs on CRAC CRAH AHU Fan 20HP	per fan	DEK	KY	NRIT	6969	3108	43,901.536	-	-	18.20%	-
VFDs on CRAC CRAH AHU Fan 2HP	per fan	DEK	KY	NRIT	6970	3109	4,720.050	-	-	18.20%	-
VFDs on CRAC CRAH AHU Fan 3HP	per fan	DEK	KY	NRIT	6971	3110	6,842.753	-	-	18.20%	-
VFDs on CRAC CRAH AHU Fan 5HP	per fan	DEK	KY	NRIT	6972	3111	11,404.589	-	-	18.20%	-
VFDs on CRAC CRAH AHU Fan 7.5HP	per fan	DEK	KY	NRIT	6973	3112	16,824.902	-	-	18.20%	-

VSD Air COMP replacing load no load COMP	per hp	DEK	KY	NRPROC	6974	3113	500.990	0.1210	0.1200	18.20%	1
VSD Air COMP replacing variable displacement COMP	per hp	DEK	KY	NRPROC	6975	3114	187.996	0.0450	0.0450	18.20%	-
VSD Air Compressors	per hp	DEK	KY	NRPROC	3851	1169	629.137	0.1510	0.1510	18.20%	-
Walk-In Cooler Automatic Door-Closer Retrofit	per automatic door-closer	DEK	KY	NRFS	6976	3115	660.677	-	0.0740	18.20%	-
Walk-In Freezer Automatic Door-Closer Retrofit	per automatic door-closer	DEK	KY	NRFS	6977	3116	1,726.775	-	0.1930	18.20%	-
Wall Insulation	per sq ft of wall insulated	DEK	KY	NRHVAC	22027	12164	23.854	0.0028	0.0162	18.20%	-
Water Cooled Chiller_Centrifugal at least 150 tons and less than 300 tons	per ton	DEK	KY	NRHVAC	10959	6124	399.506	0.0640	-	18.20%	-
Water Cooled Chiller_Centrifugal at least 300 tons and less than 600 tons	per ton	DEK	KY	NRHVAC	10960	6125	357.616	0.0257	-	18.20%	-
Water Cooled Chiller_Centrifugal at least 600 tons	per ton	DEK	KY	NRHVAC	10961	6126	346.845	0.0245	-	18.20%	-
Water Cooled Chiller_Centrifugal less than 150 tons	per ton	DEK	KY	NRHVAC	10962	6127	399.506	0.0640	-	18.20%	-
Water Cooled Screw or Scroll at least 150 tons and less than 300 tons	per ton	DEK	KY	NRHVAC	10999	6128	293.966	0.0387	-	18.20%	-
Water Cooled Screw or Scroll at least 300 tons	per ton	DEK	KY	NRHVAC	11000	6129	305.149	0.0231	-	18.20%	-
Water Cooled Screw or Scroll at least 75 tons and less than 150 tons	per ton	DEK	KY	NRHVAC	11001	6130	162.479	0.0484	-	18.20%	-
Water Cooled Screw or Scroll less than 75 tons	per ton	DEK	KY	NRHVAC	11002	6131	166.442	0.0487	-	18.20%	-
Water Heater Pipe Insulation	per linear foot of pipe wrapped	DEK	KY	NRHVAC	6978	3117	76.998	0.0070	0.0070	18.20%	1
Zero Energy Doors_High-Temp Cooler	per door	DEK	KY	NRFS	10182	5659	1,319.667	0.1500	0.1510	18.20%	-
Zero Energy Doors_Med-Temp Cooler	per door	DEK	KY	NRFS	10183	5660	1,391.623	0.1589	0.1589	18.20%	1
LED A Lamps	per lamp	DEK	KY	NRLTG	16167	8852	214.762	0.0270	0.0180	12.10%	1 <-- Discontinued measure
LED Decorative, Globe, 3-Way Lamps	per lamp	DEK	KY	NRLTG	16168	8853	424.637	0.0466	0.0317	12.10%	1 <-- Discontinued measure
LED PAR, BR, MR Lamps	per lamp	DEK	KY	NRLTG	16174	8859	243.148	0.0444	0.0302	12.10%	1 <-- Discontinued measure
LED Track Ltng (rplcng or ILO INCD, HAL, CFL, or HID track Ltng)	per fixture	DEK	KY	NRLTG	6992	3131	182.572	0.0409	-	12.10%	1 <-- Discontinued measure
Occupancy Sensors under 500 watts	per sensor	DEK	KY	NRLTG	2216	368	252.708	0.1170	0.0751	12.10%	1 <-- Discontinued measure

LED 6ft Case Lights, T8 to LED - With Controls_nc	per fixture	DEK	KY	NRLTG	17786nc	10068nc	91.081	0.0120	0.0110	12.10%	-	-
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Duke Energy Kentucky
Case No. 2025-00272
STAFF's First Request for Information
Date Received: September 24, 2025

STAFF-DR-01-008

REQUEST:

Refer to the Application at 3 and 7. Provide the Cost Effectiveness Test results for all of Duke Kentucky's existing and proposed DSM programs in table format.

RESPONSE:

Cost Effectiveness Test Results - 2025-26 Forecast

as amended 8/15/25

Program Name	UCT	TRC	RIM	PCT
Residential Programs				
Income Qualified Neighborhood	1.56	1.56	0.89	2.79
Income Qualified Services	0.85	0.85	0.66	1.56
Energy Efficiency Education for Schools	9.20	8.91	2.03	10.53
Home Energy Report	10.23	10.23	2.90	NA
Residential Energy Assessments	4.22	4.10	1.37	18.62
Residential Smart \$aver®	3.75	3.35	1.58	4.66
Power Manager®	6.19	8.05	6.19	NA
Peak Time Rebate Pilot Program	0.70	0.73	0.70	NA
Total	4.47	4.80	2.58	5.66
Non-Residential Programs				
Business Energy Saver	9.41	5.29	2.09	3.73
Smart \$aver® Non-Residential	5.52	4.72	1.36	6.80
PowerShare®	11.09	27.48	11.09	NA
Total	7.63	6.35	2.10	5.34
Overall Portfolio Total	5.88	5.59	2.28	5.42

PERSON RESPONSIBLE: Melissa Adams