

Efficiency Vermont

2017 GROSS-TO-NET FACTORS

APRIL 2, 2018

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NARRATIVE

Adjustments to all savings were made to account for free riders, spillover, and line losses. This section lists the adjustments that were used for this report.

Adjustments in this report represent free rider and spillover rates used throughout 2017 by agreement between Efficiency Vermont and the Vermont Department of Public Service. Free rider and spillover adjustments are applied based on the specific measure and project track. No adjustments are made for free riders or spillover in the Customer Credit Program.

Adjustments for free riders and spillover are presented as a single combined factor rather than percentage adjustments. That is, “no adjustment” is indicated by a factor of 1. Factors less than 1 represent a net reduction in savings due to free riders. Factors greater than 1 represent a net increase in savings due to spillover. Free rider and spillover adjustments are combined by addition. For example, a free rider adjustment of 0.8 combined with a spillover adjustment of 1.1 results in a total adjustment of 0.9. The adjusted savings would be 90% of gross savings.

Savings adjusted for free riders and spillover are further adjusted to account for line losses, multiplying by 1 plus the appropriate line loss factor. See the Efficiency Vermont Technical Reference Manual for further detail on the application of line loss, free riders, and spillover adjustments. The line loss factors do not vary by measure, but by costing period, and are listed in **Table 1**.

Table 1. Line Loss Factors

Energy (MWh)				Peak (kW)	
Winter Peak Period	Winter Off-peak Period	Summer Peak Period	Summer Off-peak Period	Winter Peak	Summer Peak
14.80%	12.30%	15.00%	11.90%	11.30%	11.20%

The column headings in the following table indicate project tracks, project track descriptions and identified base track each project track maps to in the database. In some cases, more than one project track uses the same set of freerider and spillover adjustment factors. The base track shown in the following table identifies the name of the corresponding track for which values are displayed in the freerider/spillover table.

Table 2. Project Track with Base Track

Project Track	Project Track Description	Base Track
6012BPUF	Commercial Building Performance Retrofit	6012CNIR
6012CNIR	Commercial & Industrial Retrofit	6012CNIR
6013CUST	Commercial & Industrial Custom Equipment Replacement	6013CUST
6013PRES	Commercial & Industrial Prescriptive Equipment Replacement	6013PRES
6013UPST	Commercial & Industrial Upstream	6013UPST
6014CUST	Commercial & Industrial Custom New Construction	6014CUST
6014PRES	Commercial & Industrial Prescriptive Equipment New Construction	6014PRES
6015CC	Customer Credit	6015CC
6017BPUF	Multifamily Low-income Building Performance Retrofit	6017PRES
6017CUST	Multifamily Low-income Custom Retrofit	6017CUST
6017PRES	Multifamily Low-income Prescriptive Retrofit	6017PRES
6018LINC	Multifamily Low-income New Construction	6018LINC
6019MFNC	Multifamily Market-rate New Construction	6019MFNC
6020BPUF	Multifamily Building Performance Retrofit	6020PRES
6020CUST	Multifamily Market-rate Custom Retrofit	6020CUST
6020PRES	Multifamily Market-rate Prescriptive Equipment Replacement	6020PRES
6032EPEP	Efficient Products	6032EPEP
6032LIEP	Efficient Products, Low-income	6032EPEP
6032UPST	Residential Upstream	6032EPEP
6034LISF	Single Family Low-income Retrofit	6034LISF
6036HPES	Single Family Market-rate Home Performance Retrofit	6036RETR
6036RETR	Single Family Market-rate Retrofit	6036RETR
6038VESH	Single Family Market-rate New Construction	6038VESH
6041LINC	Single Family Low-income New Construction	6038VESH

MeasureCode	ProductDescription	6012CNIR	6013CUST	6013PRES	6013UPST	6014CUST	6014PRES	6015CC	6017CUST	6017PRES	6018LINC	6019MFCN	6020CUST	6020PRES	6032EPEP	6034LISF	6036RETR	6038VESH
ACEACDMS	Ductless Mini Split	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ACEACPTL	Package terminal air conditioner	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ACEACUNI	Unitary air conditioning system	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ACECA106	AC, Cool Choice tier 1 0-65 KBTU/hr	0.94	0.99	1	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1
ACECA113	AC, Cool Choice tier 1 65-135 KBTU/hr	0.94	0.99	1	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1
ACECA137	AC, Cool Choice tier 1 135-375 KBTU/hr	0.94	0.99	1	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1
ACECA206	AC, Cool Choice tier 2 0-65 KBTU/hr	0.94	0.99	1	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1
ACECA213	AC, Cool Choice tier 2 65-135 KBTU/hr	0.94	0.99	1	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1
ACECA237	AC, Cool Choice tier 2 135-375 KBTU/hr	0.94	0.99	1	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1
ACECH199	Package terminal heat pump, Cool Choice tier 1	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ACECHILL	Water chilling system	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ACECOMMI	Space Cooling Commissioning	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ACECONTR	Improved air conditioning controls	0.89	0.94	0.95	0.95	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ACECP106	Heat pump, air, Cool Choice tier 1 0-65 KBTU/hr	0.94	0.99	1	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1
ACECP113	Heat pump, air, Cool Choice tier 1 65-135 KBTU/hr	0.94	0.99	1	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1
ACECP137	Heat pump, air, Cool Choice tier 1 135-375 KBTU/hr	0.94	0.99	1	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1
ACECP206	Heat pump, air, Cool Choice tier 2 0-65 KBTU/hr	0.94	0.99	1	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1
ACECP213	Heat pump, air, Cool Choice tier 2 65-135 KBTU/hr	0.94	0.99	1	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1
ACECP237	Heat pump, air, Cool Choice tier 2 135-375 KBTU/hr	0.94	0.99	1	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1
ACECT199	Package terminal AC, Cool Choice tier 1	0.99	1.04	1.1	1.1	1	1	1	1	1	1	1	1	1	1	1	0.9	1
ACECW137	Heat pump, water, Cool Choice tier 1 0-375 KBTU/hr	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9	1
ACECW237	Heat pump, water, Cool Choice tier 2 0-375 KBTU/hr	0.94	0.99	1	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1
ACEDEHUM	Dehumidifier	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	0.77	1	0.9	1
ACEDISPL	Cooling displaced load	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ACESACP	Energy Star central AC	0.89	0.94	0.95	0.95	1	1	1	1	1	1	1	0.9	0.9	1	1	1	1.05
ACEESACR	Energy Star central AC, early replacement	0.89	0.94	0.95	0.95	1	1	1	1	1	1	1	0.9	0.9	1	1	1	1
ACEESAER	Energy Star room AC, early replacement	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ACESARP	Energy Star room AC	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ACEESRAC	ESRPP - ENERGY STAR Room Air Cleaner	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ACEESRT1	Energy Star CEE Tier 1 AC, incremental	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ACEHPAIR	Heat pump, air source	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ACEHPGRS	Efficient Ground Source Heat Pump System	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ACEHPPTL	Package terminal heat hump	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ACEHPUMP	Room heat pump	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ACEHPWAT	Heat pump, water source	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ACEMIZER	HVAC economizer	0.89	0.94	0.95	0.95	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ACEORIEI	Building orientation change	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ACERATA1	Rating based cooling savings, 81-85pts attached	0.89	0.99	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
ACERATA2	Rating based cooling savings, 61-80pts attached	0.89	0.99	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
ACERATA3	Rating based cooling savings, 0-60pts attached	0.89	0.99	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
ACERATD1	Rating based cooling savings, 81-85pts detached	0.89	0.99	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
ACERATD2	Rating based cooling savings, 61-80pts detached	0.89	0.99	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
ACERATD3	Rating based cooling savings, 0-60pts detached	0.89	0.99	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
ACERATM1	Rating based cooling savings, 82 plus multi	0.89	0.99	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
ACERATM2	Rating based cooling savings, 86 plus multi	0.89	0.99	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
ACERATVA	Rating based cooling savings, 82 plus mixed	0.89	0.99	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
ACERATVS	Rating based cooling savings, 86 plus mixed	0.89	0.99	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
ACESIZED	Proper sizing for HVAC	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ACEVARRF	Variable Refrigerant Flow system	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ACEWEBTS	Web-enabled advanced thermostat	0.89	0.94	0.95	0.95	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ACEZZZZZ	Custom air conditioning	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
BEHACEAE	Behavior Change - Using Alternative Equipment - Space Cooling	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHACECS	Behavior Change - Control Setting Changes - Space Cooling	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHACEOF	Behavior Change - Turning Off - Space Cooling	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHCKLAE	Behavior Change - Using Alternative Equipment - Cooking and Laun	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

BEHCKLCS	Behavior Change - Control Setting Changes - Cooking and Laundry	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHCKLOF	Behavior Change - Turning Off - Cooking and Laundry	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHCMPEAE	Behavior Change - Using Alternative Equipment - Compressed Air	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHCMPCS	Behavior Change - Control Setting Changes - Compressed Air	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHCMPOF	Behavior Change - Turning Off - Compressed Air	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHDSNAE	Behavior Change - Using Alternative Equipment - Building-Wide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHDSNCS	Behavior Change - Control Setting Changes - Building-Wide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHDSNOF	Behavior Change - Turning Off - Building-Wide	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHEQPAE	Behavior Change - Using Alternative Equipment - Office Equipment	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHEQPCS	Behavior Change - Control Setting Changes - Office Equipment	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHEQPOF	Behavior Change - Turning Off - Office Equipment	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHHEREP	Home Energy Report savings	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHHWEAE	Behavior Change - Using Alternative Equipment - Hot Water	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHHWECS	Behavior Change - Control Setting Changes - Hot Water	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHHWEOF	Behavior Change - Turning Off - Hot Water	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHINDAE	Behavior Change - Using Alternative Equipment - Industrial Proce	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHINDCS	Behavior Change - Control Setting Changes - Industrial Process	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHINDOF	Behavior Change - Turning Off - Industrial Process	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHLECAE	Behavior Change - Using Alternative Equipment - Lighting	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHLECCS	Behavior Change - Control Setting Changes - Lighting	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHLECOF	Behavior Change - Turning Off - Lighting	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHMTRAE	Behavior Change - Using Alternative Equipment - Motors	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHMTRCS	Behavior Change - Control Setting Changes - Motors	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHMTROF	Behavior Change - Turning Off - Motors	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHRFRAE	Behavior Change - Using Alternative Equipment - Refrigeration	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHRFRCS	Behavior Change - Control Setting Changes - Refrigeration	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHRFROF	Behavior Change - Turning Off - Refrigeration	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHSHEAE	Behavior Change - Using Alternative Equipment - Space Heating	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHSHECS	Behavior Change - Control Setting Changes - Space Heating	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHSHEOF	Behavior Change - Turning Off - Space Heating	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHVNTAE	Behavior Change - Using Alternative Equipment - Ventilation	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHVNTCS	Behavior Change - Control Setting Changes - Ventilation	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHVNTOF	Behavior Change - Turning Off - Ventilation	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHZZAE	Behavior Change - Using Alternative Equipment - Other	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHZZCS	Behavior Change - Control Setting Changes - Other	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
BEHZZOF	Behavior Change - Turning Off - Other	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CEOINCENT	Commercial Special Incentive	1	1	1	1	0.95	0.95	1	1	1	1	1	1	1	1	1	1	1	1	1
CKLC1DRP	CEE Tier 1 Dishwasher Compact	0.89	0.94	1	1	0.95	0.95	1	1	1	1	1	0.9	0.9	1	1	0.9	1	0.9	1
CKLC2WRP	Energy Star clothes washer CEE Tier 2	0.89	0.94	1	1	1	1	1	1	1	1	0.95	0.9	0.9	0.5	1	0.9	1.15		
CKLC3WRP	Energy Star clothes washer CEE Tier 3	0.89	0.94	1	1	1	1	1	1	1	1	0.95	0.9	0.9	1	1	0.9	1.15		

CKCEDRP	Energy Star Dishwasher Compact	0.89	0.94	1	1	0.95	0.95	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
CKLCWASH	Commercial efficient clothes washer	0.89	0.94	1	1	1	1	1	1	1	1	1	0.95	0.9	0.9	1	1	0.9	0.95
CKLDYRED	Dryer usage reductions	0.89	0.94	1	1	1	1	1	1	1	1	1	0.95	0.9	0.9	0.95	1	0.9	0.95
CKLERESD	ENERGY STAR Clothes Dryer (Electric) Early Replacement	0.89	0.94	1	1	1	1	1	1	1	1	1	0.95	0.9	0.9	1	1	1	0.95
CKLERETD	Vented Hybrid Heat Pump Clothes Dryer (Electric) Early Replaceme	0.89	0.94	1	1	1	1	1	1	1	1	1	0.95	0.9	0.9	1	1	1	1.15
CKLESDER	Energy Star dishwasher, early replacement	0.89	0.94	1	1	0.95	0.95	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
CKLESDRP	Energy Star dishwasher	0.89	0.94	1	1	0.95	0.95	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
CKLESDRY	ENERGY STAR Clothes Dryer	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
CKLESETA	Energy Star Clothes Dryer (Emerging Technology Award)	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1.2	1	0.9	1.05
CKLESWER	Energy Star washer, early replacement	0.89	0.94	1	1	1	1	1	1	1	1	1	0.95	0.9	0.9	0.95	1	0.9	0.95
CKLESWRP	Energy Star washer	0.89	0.94	1	1	1	1	1	1	1	1	1	0.95	0.9	0.9	0.5	1	0.9	1.15
CKLFRYER	Energy Star Fryer	0.89	0.94	1	1	1	1	1	1	1	1	1	0.95	0.9	0.9	1	1	0.9	0.95
CKLGRIDL	Energy Star Griddle	0.89	0.94	1	1	1	1	1	1	1	1	1	0.95	0.9	0.9	1	1	0.9	0.95
CKLHFOOD	Energy Star Hot Food Holding Cabinet	0.89	0.94	1	1	1	1	1	1	1	1	1	0.95	0.9	0.9	1	1	0.9	0.95
CKLMEWER	Residential ENERGY STAR Most Efficient clothes washer retrofit	0.89	0.94	1	1	1	1	1	1	1	1	1	1.15	0.9	0.9	1.15	1	0.9	1.15
CKLMEWRP	Residential Energy Efficient clothes washer (ESTAR Most Eff)	0.89	0.94	1	1	1	1	1	1	1	1	1	0.95	0.9	0.9	1.15	1	0.9	1.15
CKLOCOMB	Energy Star Commercial Combination Oven	0.89	0.94	1	1	1	1	1	1	1	1	1	0.95	0.9	0.9	1	1	0.9	0.95
CKLOCONV	Energy Star Commercial Convection Oven	0.89	0.94	1	1	1	1	1	1	1	1	1	0.95	0.9	0.9	1	1	0.9	0.95
CKLS1DRP	CEE Tier 1 Dishwasher Standard	0.89	0.94	1	1	0.95	0.95	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
CKLS2DRP	CEE Tier 2 Dishwasher Standard	0.89	0.94	1	1	0.95	0.95	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
CKLSEDRP	Energy Star Dishwasher Standard	0.89	0.94	1	1	0.95	0.95	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
CKLSTEAM	Energy Star Steam Cooker	0.89	0.94	1	1	1	1	1	1	1	1	1	0.95	0.9	0.9	1	1	0.9	0.95
CKLT2WER	Energy Star Clothes Washer CEE 2 Early Replacement	0.89	0.94	1	1	1	1	1	1	1	1	1	1.15	0.9	0.9	1.15	1	0.9	1.15
CKLT3WER	Energy Star Clothes Washer CEE 3 Early Replacement	0.89	0.94	1	1	1	1	1	1	1	1	1	1.15	0.9	0.9	1.15	1	0.9	1.15
CKLTTWER	Residential Top Ten clothes washer retrofit	0.89	0.94	1	1	1	1	1	1	1	1	1	1.15	0.9	0.9	1.15	1	0.9	1.15
CKLTTWRP	Residential Energy Efficient clothes washer (Top Ten)	0.89	0.94	1	1	1	1	1	1	1	1	1	0.95	0.9	0.9	1.15	1	0.9	1.15
CKLYDUCT	Dryer duct improvement	0.89	0.94	1	1	1	1	1	1	1	1	1	0.95	0.9	0.9	1	1	0.9	0.95
CKLZZZZ	Custom cooking/laundry	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
CMPAIRTR	Compressed air, air treatment	0.89	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
CMPCOMMI	Compressed Air Commissioning	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CMPCOMPR	Compressed air, compressor	0.89	0.75	0.75	0.95	0.8	0.8	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
CMPCONTR	Compressed air, demand controls	0.89	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
CMPDISTR	Compressed air, distribution	0.89	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
CMPDRAIN	Compressed Air, No Loss Condensate Drain	0.89	0.95	0.95	0.95	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
CMPPRYER	Compressed air, Air Dryer	0.89	0.5	0.5	0.95	0.55	0.55	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
CMPMMAINT	Compressed air, maintenance	0.89	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
CMPPNOZZL	Compressed air, Air Nozzle	0.89	0.9	0.9	0.95	0.95	0.95	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
CMPPRECVR	Compressed air, Air Receiver	0.89	0.9	0.9	0.95	0.95	0.95	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
CMPPSCONT	Compressed air, supply controls	0.89	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
CMPPSNOWD	Compressed air, Snowmaking distribution	0.9	0.9	0.9	0.9	0.95	0.95	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
CMPPSNOWE	Compressed air, Snowmaking efficiency	0.9	0.9	0.9	0.9	0.95	0.95	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
CMPPZZZZ	Compressed air, custom	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
DHWDUMMY	URF Dummy Measure	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DSNASIST	Design assistance, general	0.89	0.95	0.98	0.98	1	1	1	1	1	1	0.98	1.02	0.9	0.9	1	1	0.9	1.02
DSNCOMMI	Comprehensive Building Commissioning	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DSNCOMPR	Comprehensive building-wide savings	0.89	0.95	0.98	0.98	1	1	1	1	1	1	0.98	1.02	0.9	0.9	1	1	0.9	1.02
DSNCOREP	Core Performance Building	0.89	0.95	0.98	0.98	1	1	1	1	1	1	0.98	0.99	0.9	0.9	1	1	0.9	0.99
EHINCENT	Existing Homes Custom Incentive, TA, or Fee	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
EQPBHTIM	Block Heater Timer	0.89	0.94	1.05	0.95	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
EQPCMPTR	Efficient Computers/Servers	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1.1	1	1	1
EQPMONTR	Efficient Computer Monitors	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	0.7	1	1	1
EQPPWCOF	Commercial Office Controlled Power Strip	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
EQPPWREC	Residential Entertainment Controlled Power Strip	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
EQPPWREK	EE-KIT Smart Power Strip	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9	1
EQPPWRHO	Residential Office Controlled Power Strip	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
EQPSERVE	Server Virtualization	0.5	0.5	0.5	0.5	0.55	0.55	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
EQPSLEEP	Computer monitor power management software	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

EQPTIMER	Plug-in Timer	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
EQPTLVSN	Efficient Televisions	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
EQPTRANS	Transformer, efficient	0.89	0.98	0.99	0.99	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	1
EQPTVSBR	ESRPP - Sound Bars	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
EQPZZZZ	Custom Office Equipment Efficiency	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ESTZZZZ	Estimated gross results	0.89	0.94	0.95	0.95	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	1	1
ETIPS	Internal Power Supplies	1	1	1	1	1	1	1	1	1	1	1	1	1	1.1	1	1	1	1
EVTBICAC	Compressed Air Challenge	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	1
HASCHIMN	Chimney liner	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	1
HASMONOX	Carbon monoxide detector	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	1
HASVENTL	Ventilation, health only	0.89	0.94	1	1	1	1	1	1	1	1	1.1	0.9	0.9	1	1	0.9	1.1	1
HASZZZZ	Other Health and Safety Improvements	0.89	0.94	1	1	1	1	1	1	1	1	1.1	0.9	0.9	1	1	0.9	1.1	1
HWEBREIN	Boiler Hot Water Recirculation Pipe	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	1
HWECOMP1	Comprehensive Thermal Measure REMRate Calculated DHW	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1.05	1
HWECOMPR	Comprehensive hot water conservation	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	1
HWCONTR	Improve hot water controls	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	1
HWEDRAIN	Drain Water Heat Recovery	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	1
HWEDWHR	Drain Water Waste Heat Recovery	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	1
HWFAUCT	Faucet aerator/flow restrictor	0.89	0.94	1	1	1	1	1	0.9	0.9	0.9	1	0.9	0.9	1	1	0.9	1	1
HWHRCOMP	Heat recovery, compressor	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	1
HWHRGRY	Heat recovery, grey water	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	1
HWHRHTP	Heat Pump Water Heater	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1.1	1	0.9	1	1
HWINSUL	Insulate hot water tank	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	1
HWLOWFL	Low flow water fixtures, mixed types	0.89	0.99	0.95	1	1	1	1	0.9	0.9	0.9	1	0.9	0.9	1	1	0.9	1	1
HWPEIPES	Insulate hot water pipes	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	1
HWERATA1	Rating based hot water savings, 81-85pts attached	0.89	0.99	0.95	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05	1
HWERATA2	Rating based hot water savings, 61-80pts attached	0.89	0.99	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05	1
HWERATA3	Rating based hot water savings, 0-60pts attached	0.89	0.99	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05	1
HWERATD1	Rating based hot water savings, 81-85pts detached	0.89	0.99	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05	1
HWERATD2	Rating based hot water savings, 61-80pts detached	0.89	0.99	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05	1
HWERATD3	Rating based hot water savings, 0-60pts detached	0.89	0.99	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05	1
HWERATM1	Rating based hot water savings, 82 plus multi	0.89	0.99	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05	1
HWERATM2	Rating based hot water savings, 86 plus multi	0.89	0.99	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05	1
HWERATVA	Rating based hot water savings, 82 plus mixed	0.89	0.99	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05	1
HWERATVS	Rating based hot water savings, 86 plus mixed	0.89	0.99	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05	1
HWERECIN	Domestic Hot Water Recirculation Pipe	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	1
HWESHOWR	Low flow showerhead	0.89	0.94	1	1	1	1	1	0.9	0.9	0.9	1	0.9	0.9	1	1	0.9	1	1
HWESHTRV	Thermostatic Shower Restriction Valve	0.89	0.99	0.95	1	1	1	1	0.9	0.9	0.9	1	0.9	0.9	1	1	0.9	1	1
HWESOLAR	Solar hot water heating	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	1
HWESPRAY	Low flow Pre-Rinse Spray Valve	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	1
HWETEMPS	Hot water temperature setback	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	1
HWEWBPAD	Waterbed pad	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	1
HWZZZZZ	Custom hot water efficiency	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	1
HWFCFOIL	Fuel switch hot water, continuous flow oil	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0	0
HWFCKERO	Fuel switch hot water, continuous flow kerosene	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0	0
HWFCNGAS	Fuel switch hot water, continuous flow natural gas	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0	0
HWFCPROP	Fuel switch hot water, continuous flow propane	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0	0
HWFDCKER	DHW Displaced load - Kerosene continuous flow	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0	0
HWFDCNGA	DHW Displaced load - Natural Gas continuous flow	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0	0
HWFDKOIL	DHW Displaced load - Oil continuous flow	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0	0
HWFDPRO	DHW Displaced load - Propane continuous flow	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0	0
HWFDELEC	DHW Displaced load - Electric	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0	0
HWFDNNGA	DHW Displaced load - Natural Gas indirect-fired	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0	0
HWFDNOIL	DHW Displaced load - Oil indirect-fired	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0	0
HWFDNPRO	DHW Displaced load - Propane indirect-fired	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0	0
HWFDNWDC	DHW Displaced load - Wood indirect-fired	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0	0
HWFDNWDP	DHW Displaced load - Wood pellet indirect-fired	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0	0
HWFDSNGA	DHW Displaced load - Natural Gas stand alone	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0	0

HWFDSOIL	DHW Displaced load - Oil stand alone	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0
HWFDSPRO	DHW Displaced load - Propane stand alone	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0
HWFDSWDC	DHW Displaced load - Wood stand alone	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0
HWFDSWPC	DHW Displaced load - Wood pellet stand alone	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0
HWFNFOIL	Fuel switch hot water, indirect fired fuel oil	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0
HWFNNGAS	Fuel switch hot water, indirect fired natural gas	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0
HWFNPROP	Fuel switch hot water, indirect fired propane	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0
HWFNWOOD	Fuel switch hot water, indirect fired wood	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0
HWFSFOIL	Fuel switch hot water, stand alone fuel oil	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0
HWFSNGAS	Fuel switch hot water, stand alone natural gas	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.5	0
HWFSPROP	Fuel switch hot water, stand alone propane	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0
HWFSWOOD	Fuel switch hot water, stand alone wood	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.85	0.85	0.85	0	1	0.8	0
HWRCFOIL	Replace hot water, continuous flow oil	0.89	0.94	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	0.9	1
HWRCEROL	Replace hot water, continuous flow kerosene	0.89	0.94	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	0.9	1
HWRCNGAS	Replace hot water, continuous flow natural gas	0.89	0.94	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	0.9	1
HWRCPROP	Replace hot water, continuous flow propane	0.89	0.94	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	0.9	1
HWRHWHTP	Heat Pump Water Heater	0.89	0.94	1	1	1	1	1	1	1	1	0.9	0.9	1.1	1	1	0.9	1
HWRNFOIL	Replace hot water, indirect fired fuel oil	0.89	0.94	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	0.9	1
HWRNNGAS	Replace hot water, indirect fired natural gas	0.89	0.94	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	0.9	1
HWRNPROP	Replace hot water, indirect fired propane	0.89	0.94	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	0.9	1
HWRNWOOD	Replace hot water, indirect fired wood	0.89	0.94	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	0.9	1
HWRSFOIL	Replace hot water, stand alone fuel oil	0.89	0.94	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	0.9	1
HWRSNGAS	Replace hot water, stand alone natural gas	0.89	0.94	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	0.9	1
HWRSPROP	Replace hot water, stand alone propane	0.89	0.94	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	0.9	1
HWRSWOOD	Replace hot water, stand alone wood	0.89	0.94	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	0.9	1
INDCHILL	Industrial Process Efficient Chiller	0.89	0.94	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	0.9	1
INDCOMHP	Combined Heat and Power system	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
INDCOMMI	Industrial Process Commissioning	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
INDCONTR	Snowmaking Process Controls	0.9	0.9	0.9	0.9	0.95	0.95	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
INDEGUNS	Efficient Snowmaking Guns, Other	0.8	0.8	0.8	0.8	0.85	0.85	1	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
INDFGUNS	Efficient Snowmaking Fan Guns	0.8	0.8	0.8	0.8	0.85	0.85	1	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
INDGGUNS	Efficient Snowmaking Ground Guns	0.8	0.8	0.8	0.8	0.85	0.85	1	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
INDIMOLD	Injection Molding Machines	0.89	0.94	1	1	1	1	1	1	1	1	0.89	0.89	1	1	1	1	1
INDPBOIL	Industrial Process Efficient Boiler	0.89	0.94	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	0.9	1
INDPCOOL	Industrial Process Cooling Efficiency	0.89	0.94	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	0.9	1
INDPHEAT	Industrial Process Heating Efficiency	0.89	0.94	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	0.9	1
INDRGUNS	Rebuilt Snowmaking Guns	0.7	0.7	0.7	0.7	0.75	0.75	1	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
INDRVOSM	Maple Sap Reverse Osmosis	0.89	0.94	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	0.9	1
INDSNOWM	Snowmaking process	0.9	0.9	0.9	0.9	0.95	0.95	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
INDTGUNS	Efficient Snowmaking Tower Guns	0.8	0.8	0.8	0.8	0.85	0.85	1	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
INDWATER	Snowmaking Water Distribution Efficiency	0.9	0.9	0.9	0.9	0.95	0.95	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
INDWCOOL	Snowmaking Water Precooling	0.9	0.9	0.9	0.9	0.95	0.95	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
INDWPUMP	Snowmaking Water Pump Rebuild	0.9	0.9	0.9	0.9	0.95	0.95	1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
INDZZZZZ	Custom industrial process	0.89	0.94	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	0.9	1
LBL2TLED	LED 2' Linear Replacement Lamp	1	1	1	1	1	1	1	1	1	1	1	1	0.99	1	0.9	0.98	
LBL4TLED	LED 4' Linear Replacement Lamp	1	1	1	1	1	1	1	1	1	1	1	1	0.99	1	0.9	0.98	
LBLBASEL	Lighting baseline only - lamp - no savings	0.89	0.97	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	0.9	1
LBLCFBLB	Compact fluorescent screw-base bulb	0.4	0.4	0.4	0.4	1	1	1	1	1	1	0.95	0.95	0.4	1	0.9	1	1
LBLCFBLH	Compact fluorescent screw-base bulb - Hard to Reach	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LBLCFCOM	Compact fluorescent screw-base bulb Com	0.94	0.94	0.95	0.95	1	1	1	1	1	1	0.95	0.95	0.6	1	0.9	1	1
LBLCFDIC	CFL - Commercial DI	0.94	0.94	0.95	0.95	1	1	1	1	1	1	1	1	1	1	1	1	1
LBLCFFRE	Free CFL screw-base bulb	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LBLCFSPC	Specialty Compact Fluorescent Bulb	0.94	0.94	0.95	0.95	1	1	1	1	1	1	0.95	0.95	0.6	1	1	1	1
LBLCFSPD	Compact Fluorescent - Specialty Bulb - Direct Install	0.94	0.94	0.95	0.95	1	1	1	1	1	1	1	1	1	1	1	0.9	1
LBLCFSPH	CFL - Specialty Bulb - Hard to Reach	0.94	0.94	0.95	0.95	1	1	1	1	1	1	0.9	0.9	1	1	1	1	1
LBLFLOOR	Floor lamp, compact fluorescent	0.94	1.02	1.05	1.05	1	1	1	1	1	1	0.95	0.95	0.4	1	0.9	1	1
LBLHALED	LED HID Lamp Replacement-Type A (using existing ballast)	1	0.95	0.95	1	1	1	1	1	0.95	1.05	0.95	0.95	0.94	1	0.9	0.98	
LBLHALIR	Halogen IR	0.89	0.89	0.9	0.9	1	1	1	1	1	1	1	1	1	1	1	1	1
LBLHDLED	LED HID Lamp Replacement-Type B/C (direct-wired)	1	1	1	1	1	1	1	1	1	1	1	1	1.01	1	0.9	0.98	
LBLHBMH	Integrated Ballast Metal-halide	0.89	0.9	0.9	0.9	1	1	1	1	1	1	1	1	1	1	1	1	1
LBLINDFL	Screw-Base Induction Fluorescent	0.89	0.9	0.9	0.9	1	1	1	1	1	1	1	1	1	1	1	1	1
LBLLEDKO	LED DOWN LIGHT	1	1	1	0.9	1	1	1	1	1	0.9	0.98	0.9	0.9	1.19	1	0.9	0.98

LBLLEDRE	LED DOWN LIGHT	1	1	1	0.9	1	1	1	1	1	0.9	0.98	0.9	0.9	1.19	1	0.9	0.98
LBLLEDSC	LED Screw Base Lamp	1	1	1	1	1	1	1	1	1	0.9	0.98	0.9	0.9	1	1	0.9	0.98
LBLRWLCF	Reduced Wattage CFL	0.89	0.89	0.9	0.9	1	1	1	1	1	1	1	1	1	1	1	1	1
LBLRWLMH	Reduced Wattage MH	0.89	0.89	0.9	0.9	1	1	1	1	1	1	1	1	1	1	1	1	1
LBLRWLT5	Reduced-Wattage T5 Lamp	0.89	0.89	0.9	0.9	1	1	1	1	1	1	1	1	1	1	1	1	1
LBLRWLT8	Reduced-Wattage T8 Lamp	0.89	0.89	0.9	0.9	1	1	1	1	1	1	1	1	1	1	1	1	1
LBLSBLED	LED Screw Base Lamp	1	0.95	0.95	1	1	1	1	1	1	0.95	1.05	0.95	0.95	1.19	1	0.9	0.98
LBLSCLCD	LED Smartlight Commercial	0.95	0.95	0.95	1	1	1	1	1	1	0.95	0.95	0.95	0.95	1	1	1	1
LBLSRLED	LED Smartlight Residential	0.95	0.95	0.95	1	1	1	1	1	1	0.95	0.95	0.95	0.95	1	1	1	1
LBLT8LED	LED Linear Replacement Lamp (TLED)	0.89	0.94	1	0.9	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
LBLTABLE	Table/Desk lamp, compact fluorescent	0.94	1.02	1.05	1.05	1	1	1	1	1	1	1	0.95	0.95	0.4	1	0.9	1
LBLTORCH	Torchiere, compact fluorescent	0.94	1.02	1.05	1.05	1	1	1	1	1	1	1	0.95	0.95	0.97	1	0.9	1
LBLUHPT8	HPT8 - F32T8 Lamps	0.89	0.89	0.9	0.9	1	1	1	1	1	1	1	1	1	1	1	1	1
LBLUPHIR	Upstream - Halogen IR	0.89	0.89	0.9	0.9	1	1	1	1	1	1	1	1	1	1	1	1	1
LBLURWT8	Reduced-Wattage T8 - 1L	0.89	0.89	0.9	0.9	1	1	1	1	1	1	1	1	1	1	1	1	1
LB�UTLED	LED U-Tube Linear Replacement Lamp	1	1	1	1	1	1	1	1	1	1	1	1	1	0.99	1	0.9	0.98
LBZZZZZ	Custom lamp or bulb	0.89	0.97	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
LECACEXT	Lighting system, exterior power density reduction	0.89	0.97	0.98	0.98	1	1	1	1	1	0.9	1	0.9	0.9	1	1	0.9	1
LECCACINT	Lighting system, interior power density reduction	0.89	0.97	0.98	0.98	1	1	1	1	1	0.9	1	0.9	0.9	1	1	0.9	1
LECCOMMI	Lighting System Commissioning	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LECDAYLT	Daylighting	0.89	0.97	0.98	0.98	1	1	1	1	1	0.9	1	0.9	0.9	1	1	0.9	1
LECDSEGN	Lighting design improvements	0.89	0.97	0.98	0.98	1	1	1	1	1	0.9	1	0.9	0.9	1	1	0.9	1
LECDIMMR	Dimming controls and ballasts	0.89	0.97	0.98	0.98	1	1	1	1	1	0.9	1	0.9	0.9	1	1	0.9	1
LECDLAMP	Delamping/fixture reduction	0.89	0.97	0.98	0.98	1	1	1	1	1	0.9	1	0.9	0.9	1	1	0.9	1
LECMOTNX	Exterior motion sensors	0.89	0.97	0.98	0.98	1	1	1	1	1	0.9	1.1	0.9	0.9	1	1	0.9	1.1
LECOCCDL	Fixture-Mounted Dual Occupancy & Daylight Sensor	0.89	0.97	0.98	0.98	1	1	1	1	1	0.9	1	0.9	0.9	1	1	0.9	1
LECOCCEX	Exterior Occupancy Sensors	0.89	0.97	0.98	0.98	1	1	1	1	1	0.9	1	0.9	0.9	1	1	0.9	1
LECOCCFR	Freezer Case Controls	0.89	0.97	0.98	0.98	1	1	1	1	1	0.9	1	0.9	0.9	1	1	0.9	1
LECOCCRE	Refrigerator Case Controls	0.89	0.97	0.98	0.98	1	1	1	1	1	0.9	1	0.9	0.9	1	1	0.9	1
LECOCCUP	Occupancy sensors	0.89	0.97	0.98	0.98	1	1	1	1	1	0.9	1	0.9	0.9	1	1	0.9	1
LECPHOTO	Photozell switches	0.89	0.97	0.98	0.98	1	1	1	1	1	0.9	1	0.9	0.9	1	1	0.9	1
LECSPIFF	Lighting supplier compensation	0.94	0.94	0.95	0.95	1	1	1	1	1	0.9	0.96	0.95	0.95	1.05	1	0.9	0.96
LECTIMER	Timer controls	0.89	0.97	0.98	0.98	1	1	1	1	1	0.9	1	0.9	0.9	1	1	0.9	1
LECTUWAY	2-way switching	0.89	0.97	0.98	0.98	1	1	1	1	1	0.9	1	0.9	0.9	1	1	0.9	1
LECZZZZZ	Custom lighting efficiency	0.89	0.97	0.98	0.98	1	1	1	1	1	0.9	1	0.9	0.9	1	1	0.9	1
LFH14LED	LED Recessed Lighting Fixture 1X4	1	1	1	1	1	1	1	1	1	1	1	1	1	1.01	1	0.9	0.98
LFH22LED	LED Recessed Lighting Fixture 2X2	1	1	1	1	1	1	1	1	1	1	1	1	1	1.01	1	0.9	0.98
LFH24LED	LED Recessed Lighting Fixture 2X4	1	1	1	1	1	1	1	1	1	1	1	1	1	1.01	1	0.9	0.98
LFH8T8RR	Relamp/Reballast T8 to HPT8	1.14	1.14	1.15	1.15	1	1	1	1	1	1	1	1	1	1	1	1	1
LFHAGLED	LED Ag Interior Fixtures	1	1	1	1	1	1	1	1	1	0.95	1.05	1	1	0.94	1	0.9	0.98
LFHBASEL	Lighting baseline only - fixture - no savings	0.89	0.97	1	1	1	1	1	1	1	0.9	0.86	0.9	0.9	1.05	1	0.9	0.86
LFHCEFIX	Compact fluorescent exterior fixture	0.94	0.94	0.95	0.95	1	1	1	1	1	0.9	1.01	0.95	0.95	0.4	1	0.9	0.5
LFHCFEIX	Compact Fluorescent farm fixture	0.94	0.94	0.9	0.9	1	1	1	1	1	1	1	1	1	1	1	1	1
LFHCNFFX	Compact fluorescent interior fixture, ceiling fan	0.94	0.94	0.95	0.95	1	1	1	1	1	0.9	0.96	0.95	0.95	0.47	1	0.9	0.96
LFHCNFFX	Compact fluorescent interior fixture	0.4	0.4	0.4	0.4	1	1	1	1	1	0.9	0.96	0.95	0.95	0.4	1	0.9	0.96
LFHCNREC	Compact fluorescent interior fixture, recessed can	0.94	0.94	0.95	0.95	1	1	1	1	1	0.9	0.96	0.95	0.95	1.05	1	0.9	0.5
LFHCNSUR	Compact fluorescent interior fixture, surface mount	0.94	0.94	0.95	0.95	1	1	1	1	1	0.9	0.96	0.95	0.95	1.05	1	0.9	0.5
LFHCONVT	Relamp/reballast conversion existing fixture to standard T8	0.89	0.69	0.7	0.7	1	1	1	1	1	0.9	0.96	0.9	0.9	1.05	1	0.9	0.96
LFHCRFIX	Circline fluorescent fixture	0.94	0.94	0.95	0.95	1	1	1	1	1	0.9	0.96	0.95	0.95	1.05	1	0.9	0.96
LFHDCLCD	LED Display Case Light Fixture (per foot)	1	1	1	1	1	1	1	1	1	1	1	1	1	1.19	1	0.9	0.98
LFHDHLED	LED Track or mono-point Light Fixture	1	1	1	1	1	1	1	1	1	1	1	1	1	1.19	1	0.9	0.98
LFHESLED	Exit signs, LED	0.89	0.89	0.9	0.9	1	1	1	1	1	0.9	0.9	0.9	0.9	0.67	1	0.9	0.9
LFHEXLED	LED Exterior Fixtures	1	1	1	1	1	1	1	1	1	1	1	1	1	1.01	1	0.9	0.98
LFHFLED	LED Freezer Case Light	1	1	1	1	1	1	1	1	1	1	1	1	1	1.01	1	0.9	0.98
LFHFLED	LED Flood Light Fixture	1	1	1	1	1	1	1	1	1	1	1	1	1	1.01	1	0.9	0.98
LFHGENFT	Generic linear fluorescent tube fixture	0.89	0.69	0.7	0.7	1	1	1	1	1	0.9	0.96	0.9	0.9	0.98	1	0.9	0.5
LFHHBLEL	LED High- and Low-Bay Fixtures	1	1	1	1	1	1	1	1	1	1	1	1	1	1.01	1	0.9	0.98
LFHHDELB	Electronic-Ballast HID	0.89	0.89	0.9	0.9	1	1	1	1	1	1	1	1	1	1	1	1	1
LFHHDHPS	High pressure sodium fixture	0.89	0.89	0.9	0.9	1	1	1	1	1	0.9	0.98	0.9	0.9	1.05	1	0.9	0.98
LFHHDLPS	Low pressure sodium fixture	0.89	0.89	0.9	0.9	1	1	1	1	1	0.9	0.98	0.9	0.9	1.05	1	0.9	0.98

LFHDMHN	Metal halide fixture normal start	0.89	0.89	0.9	0.9	1	1	1	1	1	1	0.9	0.98	0.9	0.9	1.05	1	0.9	0.98
LFHDMHP	Metal halide fixture pulse start	0.89	0.89	0.9	0.9	1	1	1	1	1	1	0.9	0.98	0.9	0.9	1.05	1	0.9	0.98
LFHDMHT	Metal halide track lighting	1.09	1.09	1.1	1.1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LFHDZZZ	HID fixture, other	0.89	0.89	0.9	0.9	1	1	1	1	1	1	0.9	0.98	0.9	0.9	1.05	1	0.9	0.98
LFHHIBAY	High bay fluorescent fixture	1	1.09	1.1	1.1	1	1	1	1	1	1	0.9	0.86	0.9	0.9	1.05	1	0.9	0.86
LFHLEDIN	LED Indoor Fixture	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9	0.98
LFHLEDOU	LED Outdoor Fixture - Residential EPP	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9	0.98
LFHLESD	SMARTLIGHT LED Downlight Fixture (ENERGY STAR)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9	0.98
LFHLEDTU	LED Task/Under cabinet Fixture - Residential EPP	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.9	0.98
LFHLFT05	Linear fluorescent T5	1.14	1.14	1.15	1	1	1	1	1	1	1	0.9	0.96	0.9	0.9	1.05	1	0.9	0.96
LFHLFT08	Linear fluorescent T8	0.79	0.49	0.5	0.5	0.55	0.55	1	1	1	1	0.9	0.86	0.9	0.9	0	0	0.9	0.86
LFHLFT12	Linear fluorescent T12	0.75	0.69	0.7	0.7	1	1	1	1	1	1	0.9	0.96	0.9	0.9	1.05	1	0.9	0.96
LFHLGT08	Linear fluorescent T8, low glare fixture	0.89	0.99	1	1	1	1	1	1	1	1	0.9	0.96	0.9	0.9	1.05	1	0.9	0.96
LFHLHT08	Linear fluorescent T8, high efficiency fixture	0.89	0.99	1	1	1	1	1	1	1	1	0.9	0.96	0.9	0.9	1.05	1	0.9	0.96
LFHLNT08	Linear fluorescent T8, indirect fixture	0.89	0.99	1	1	1	1	1	1	1	1	0.9	0.96	0.9	0.9	1.05	1	0.9	0.96
LFHLRT08	Linear fluorescent T8, w/reflector	0.89	0.99	1	1	1	1	1	1	1	1	0.9	0.96	0.9	0.9	1.05	1	0.9	0.96
LFHLST08	Linear fluorescent High Performance T8	1.14	0.99	1	1.15	1	1	1	1	1	1	0.9	0.86	0.9	0.9	1.05	1	0.9	0.86
LFHOBLED	LED Outdoor Bollard	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.99	1	0.9	0.98
LFHODLED	LED Outdoor Decorative Pole/Arm Area or Roadway Fixture	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.99	1	0.9	0.98
LFHOPLED	LED Outdoor Pathway Lights	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.99	1	0.9	0.98
LFHORLED	LED Outdoor Pole/Arm Area or Roadway Fixture	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.99	1	0.9	0.98
LFHOSLED	LED Outdoor Steplight	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.99	1	0.9	0.98
LFHOWLED	LED Wall-Mount Area Fixture (WallPack)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.99	1	0.9	0.98
LFHPGLED	LED Parking Garage/Canopy Fixture	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.99	1	0.9	0.98
LFHPTLED	LED Portable Desk/Task Light	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.99	1	0.9	0.98
LFHRCLD	LED Refrigerated Case Lighting	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.99	1	0.9	0.98
LFHRDLED	LED Recessed Surface or Pendant Downlight	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.19	1	0.9	0.98
LFHSDLED	LED Surface or Pendant Downlight	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.19	1	0.9	0.98
LFHSLLED	LED Surface and Suspended Linear Fixture	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.19	1	0.9	0.98
LFHST5HB	Linear fluorescent T5, High Bay fixture	0.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LFHST5IN	Linear fluorescent T5, Indirect fixture	1.14	1.14	1.15	1.15	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LFHST5IS	Linear fluorescent T5, Industrial/Strip fixture	1.14	1.14	1.15	1.15	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LFHST5TW	Linear fluorescent T5, Troffer/Wrap fixture	1.14	1.14	1.15	1.15	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LFHST5VP	Linear fluorescent T5, Vapor Proof fixture	1.04	1.04	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LFHST8HB	Linear fluorescent High Performance T8, High Bay fixture	0.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LFHST8HP	Linear fluorescent High Performance T8, High performance troffer	1.14	1.14	1.15	1.15	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LFHST8IN	Linear fluorescent High Performance T8, Indirect fixture	1.14	1.14	1.15	1.15	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LFHST8IS	Linear fluorescent High Performance T8, Industrial/Strip fixture	0.87	1.14	1.15	1.15	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LFHST8RR	Relamp/Reballast to High Performance T8	0.75	0.75	0.75	0.75	0.75	0.75	1	1	1	1	1	1	1	1	1	1	1	1
LFHST8TW	Linear fluorescent High Performance T8, Troffer/Wrap fixture	1.14	1.14	1.15	1.15	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LFHST8VP	Linear fluorescent High Performance T8, Vapor Proof fixture	1.04	1.04	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LFHTDFIX	2-D fluorescent fixture	0.89	0.97	1	1	1	1	1	1	1	1	0.9	0.96	0.9	0.9	1.05	1	0.9	0.96
LFHTSLED	Traffic signal, LED	0.67	0.67	0.67	0.67	0.72	0.72	1	1	1	1	0.9	0.86	0.67	0.67	1	1	0.9	0.86
LFHUSLED	LED UnderCabinet Shelf Task Light	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.99	1	0.9	0.98
LFHUTFIX	U-Tube fluorescent fixture	0.89	0.69	0.7	0.7	1	1	1	1	1	1	0.9	0.96	0.9	0.9	1.05	1	0.9	0.96
LFHWWLED	LED Wall Wash Fixture	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.99	1	0.9	0.98
LFHZZLED	Miscellaneous LEDs	0.75	1	1	0.9	1	1	1	1	1	1	0.9	0.98	0.9	0.9	1.19	1	0.9	0.98
LFHZZZZ	Other fixture	0.89	0.97	1	1	1	1	1	1	1	1	0.9	0.86	0.9	0.9	1.05	1	0.9	0.86
MNMBLULN	BlueLine Power Meter - Residential EPP	0.89	0.89	0.9	0.9	1	1	1	1	1	1	0.9	0.98	0.9	0.9	1	1	0.9	0.98
MTCCOMMI	Motor Controls Commissioning	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MTCDFVFD	Dairy Milk Pump VFD	0.9	0.94	1	0.98	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
MTCHEVFD	Kitchen Exhaust Hood Controls	0.89	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
MTCHVCOM	Motor Control Commissioning - HVAC	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MTCHVTIM	Motor Timer Control - HVAC	0.89	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
MTCHVZZZ	Custom Motor Control - HVAC	0.89	0.97	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
MTCIPVFD	Variable Frequency Drive, Industrial Process	0.89	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	1
MTCMPSAP	Maple Sap Vacuum Pump VFD	0.9	0.94	1	0.98	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
MTCMTVFD	Variable Speed Milk Transfer Pump	0.9	0.94	1	0.98	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1

OTFPPROP	Fuel switch, industrial process propane	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
OTFPWOOD	Fuel switch, industrial process wood	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
OTFRNGAS	Fuel switch, refrigerator natural gas	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
OTFSNGAS	Fuel switch, cook stove natural gas	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
OTFSPPROP	Fuel switch, cook stove propane	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
OTFYNGAS	Fuel switch, dryer natural gas	0.89	0.94	1	1	1	1	1	1	1	1	1	0.7	0.7	0.9	0.9	1	1	0.9	0.7
OTFYPPROP	Fuel switch, dryer propane	0.89	0.94	1	1	1	1	1	1	1	1	1	0.7	0.7	0.9	0.9	1	1	0.9	0.7
OTFZFOIL	Fuel switch, custom fuel oil	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
OTFZKERO	Fuel switch, custom kerosene	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
OTFZNGAS	Fuel switch, custom natural gas	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
OTFZOIL6	Fuel switch, custom number 6 oil	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
OTFZPROP	Fuel switch, custom propane	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
OTFZWOOD	Fuel switch, custom wood	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
RFRBLFAN	Efficient blower fan	0.94	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
RFRRCMPDS	Refrigeration compressor, discus	0.94	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1	
RFRRCMPSC	Refrigeration compressor, scroll	0.94	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1	
RFRRCOMFZ	Commercial freezer	0.94	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1	
RFRRCOMIM	Commercial icemaker	0.94	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1	
RFRRCOMMI	Refrigeration Commissioning	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
RFRRCOMPL	Refrigeration Compressor Load Reduction	0.94	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1	
RFRRCOMPR	Refrigeration compressor	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
RFRRCOMRF	Commercial refrigerator	0.94	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1	
RFRCONTR	Improve refrigeration controls	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
RFRCOVER	Refrigerator covers	0.94	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1	
RFRDRCON	Refrigeration door heater controls	0.94	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
RFRDRFIL	Refrigerator Door Film	0.94	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
RFRDRZER	Refrigeration zero energy doors	0.94	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
RFRSFZP	Energy star freezer	0.89	0.94	1	1	0.95	0.95	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
RFRSFZR	Energy star freezer, early replacement	0.89	0.94	1	1	0.95	0.95	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
RFRRESRER	Energy star refrigerator, early replacement	0.89	0.94	1	1	0.95	0.95	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
RFRRESRRP	Energy star refrigerator	0.89	0.94	1	1	0.95	0.95	1	1	1	1	1	0.9	0.9	0.9	0.5	1	0.9	0.5	
RFRRESRT1	Energy Star CEE Tier 1 refrigerator, incremental cost	0.89	0.94	1	1	0.95	0.95	1	1	1	1	1	0.9	0.9	0.9	1	1	0.9	0.9	
RFRRESRT2	CEE Tier 2 refrigerator, incremental cost	0.89	0.94	1	1	0.95	0.95	1	1	1	1	1	1	0.9	0.9	0.9	1	0.9	0.9	
RFRRESRT3	Energy Star CEE Tier 3 refrigerator, incremental cost	0.89	0.94	1	1	0.95	0.95	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
RFRFERPS	Freezer early retirement program, secondary	0.89	0.94	1	1	0.95	0.95	1	1	1	1	1	1	0.9	0.9	0.81	1	0.9	1	
RFRFHCON	Refrigeration floating head pressure controls	0.94	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1	
RFRFMCON	Refrigeration fan motor controls	0.94	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1	
RFRFROST	Defrost Control on Refrigeration	0.94	0.94	0.95	0.95	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
RFRHECUS	High Efficiency Condensing Unit	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
RFRMIZER	Refrigerator economizer	0.94	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1	
RFRPLATE	Plate cooler	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
RFRREMOV	Remove refrigerator/freezer	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
RFRRERPS	Refrigerator early retirement program, secondary	0.89	0.94	1	1	0.95	0.95	1	1	1	1	1	1	0.9	0.9	0.72	1	0.9	1	
RFRSUCPA	Refrigeration Suction Pressure Increase - Automated Setback	0.94	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1	
RFRSUCPM	Refrigeration Suction Pressure Increase - Manual Setback	0.94	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.95	0.95	1	1	0.9	1	
RFRSYFAN	Synchronous Motor Evaporator Fan	0.94	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
RFRTRZER	CEE Tier 2 refrigerator, early replacement	0.89	0.94	1	1	0.95	0.95	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
RFRTRZER	CEE Tier 3 refrigerator, early replacement	0.89	0.94	1	1	0.95	0.95	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
RFRTRRRP	Top-third refrigerator	0.89	0.99	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
RFRVENDM	Vending miser	0.99	0.99	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
RFRZZZZZ	Custom refrigeration	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
RNCINCNT	RNC Customer Incentive Adj	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
SHEBALAN	Balance distribution	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
SHECLEAN	Clean and tune furnace/boiler	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
SHECOMMI	Space Heat Commissioning	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
SHECONTR	Improved space heating controls	0.89	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
SHECP3HP	BLPM Circulator pump > 3 HP	1	0.95	0.95	0.95	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
SHECPMTR	BLPM Circulator Pump	1	0.95	0.95	0.95	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
SHEDUCTS	Duct air sealing and insulation	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
SHEESHRP	Energy Star heating system	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	
SHEFNMTR	Furnace fan motor	1	1	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1	

SHEPINSU	Pipe insulation	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHERESET	Boiler Reset Controls	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHESMART	Advanced Thermostat	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	1
SHESTMTP	Steam trap replacement/maintenance	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SETHERM	Setback thermostat	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHETHMUF	Setback thermostat, URF	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHEVGSBR	VGS Base Rebate	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHEWEBTS	Web-enabled advanced thermostat - heating only	0.89	0.94	0.95	0.95	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHEWECBR	WEC Base Rebate	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHEZONES	Mutlizezone heating controls	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHEZZZZ	Custom space heat efficiency	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHFBBIOM	Biomass Fuel Switch	0.79	0.84	0.8	0.8	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFBFOIL	Fuel switch, boiler, fuel oil	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFBNGAS	Fuel switch, boiler, natural gas	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFBPROP	Fuel switch, boiler, propane	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFBWODP	Fuel switch, boiler, wood pellet	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFBWOOD	Fuel switch, boiler, wood	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFDBNGA	Space heat Displaced load - Natural Gas Boiler	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFDBOIL	Space heat Displaced load - Oil Boiler	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFDBPRO	Space heat Displaced load - Propane Boiler	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFDBWDC	Space heat Displaced load - Wood Boiler	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFDBWDP	Space heat Displaced load - Wood pellet Boiler	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFDELEC	Space heat Displaced load - Electric heat	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHDFNNGA	Space heat Displaced load - Natural Gas Furnace	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHDFFOIL	Space heat Displaced load - Oil Furnace	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHDFPROP	Space heat Displaced load - Propane Furnace	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHDFWDC	Space heat Displaced load - Wood Furnace	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHDFWDP	Space heat Displaced load - Wood pellet Furnace	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFDHKER	Space heat Displaced load - Kerosene Space heater	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFDHNGA	Space heat Displaced load - Natural Gas Space Heater	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFDHOIL	Space heat Displaced load - Oil Space heater	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFDHPRO	Space heat Displaced load - Propane Space Heater	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFDHWDC	Space heat Displaced load - Wood Stove	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFDHWDP	Space heat Displaced load - Wood pellet Stove	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFFFoil	Fuel switch, furnace, fuel oil	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFFNGAS	Fuel switch, furnace, natural gas	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFFPROP	Fuel switch, furnace, propane	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFFWODP	Fuel switch, furnace, wood pellet	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFFWOOD	Fuel switch, furnace, wood	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFHFOIL	Fuel switch, space heater, fuel oil	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFHKERO	Fuel switch, space heater, kerosene	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFHNGAS	Fuel switch, space heater, natural gas	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFHPCVF	Cold climate variable speed heat pump, displacing fuel heat	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHFHPCVH	Cold climate variable speed heat pump - cooling portion	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHFHPMAF	Air source heat pump - heating portion, displacing fuel	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHFHPMGF	Ground source heat pump - heating portion, displacing fuel	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHFHPMHF	Cold climate var. sp. multi-head heat pump, displ. fuel heat	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHFHPMMF	Efficient ductless mini-split - heating portion, displacing fuel	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHFHPMVR	VRF heat pump system - heating portion, displacing fuel	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHFHPMWR	Groundwater source heat pump - heating portion, displacing fuel	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHFHPROP	Fuel switch, space heater, propane	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFHWODP	Fuel switch, space heater, wood pellet	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFHWOOD	Fuel switch, space heater, wood	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFNFOIL	Indirect heat from DHW system, fuel oil	0.79	0.84	0	0	0.85	0.85	1	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0

SHFNNGAS	Indirect heat from DHW system, natural gas	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHFNPROP	Indirect heat from DHW system, propane	0.79	0.84	0	0	0.85	0.85	1	1	1	1	0.5	0.85	0.85	0	1	0.8	0
SHRBFOIL	Replace boiler, fuel oil	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	1
SHRBFOUF	Space Heat Replacement Boiler, Oil URF	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	1
SHRBKEUF	Space Heat Replacement Boiler, Kerosene URF	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRBNGAS	Replace boiler, natural gas	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRBPROP	Replace boiler, propane	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	1
SHRBPRUF	Space Heat Replacement Boiler, Propane URF	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	1
SHRBWODP	Replace boiler, wood pellet	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRBWOOD	Replace boiler, wood	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRFFOIL	Replace furnace, fuel oil	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	1
SHRFFOUF	Space Heat Replacement Furnace, Oil URF	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	1
SHRFKEUF	Space Heat Replacement Furnace, Kerosene URF	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRFGAS	Replace furnace, natural gas	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRFPROP	Replace furnace, propane	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	1	1
SHRFPRUF	Space Heat Replacement Furnace, Propane URF	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRFWODP	Replace furnace, wood pellet	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRFWOOD	Replace furnace, wood	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRHFOIL	Replace space heater, fuel oil	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRHKERO	Replace space heater, kerosene	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRHNGAS	Replace space heater, natural gas	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRHPCVE	Cold climate variable speed heat pump, displacing electric resis	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRHPCVH	Cold climate single-head variable speed heat pump	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	0.88	1	0.9	1
SHRHMAE	Air source heat pump - heating portion, displacing electric resi	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRHMAH	Air source heat pump - heating portion, heat pump baseline	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRHMPGE	Ground source heat pump - heating portion, displacing electric r	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRHMPGH	Ground source heat pump - heating portion, heat pump baseline	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRHPMHC	Cold climate multi-head variable speed heat pump	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	0.88	1	0.9	1
SHRHPMME	Efficient ductless mini-split - heating portion, displacing elec	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRHPMMH	Efficient ductless mini-split - heating portion, heat pump basel	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRHPMVE	VRF heat pump system - heating portion, displacing electric resi	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRHPMVH	VRF heat pump system - heating portion, heat pump baseline	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRHPMWE	Groundwater source heat pump - heating portion, displacing elect	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRHPMWH	Groundwater source heat pump - heating portion, heat pump baseli	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRHPROP	Replace space heater, propane	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRHWOOD	Replace space heater, wood pellet	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SHRHWOOD	Replace space heater, wood	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SRVAUDIT	Residential energy audit	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SRVBAPKG	Appliance package bonus	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SRVBSTAR	Vermont Star Home bonus	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SRVBUYDN	Commercial Loan Buy Down	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SRVBVESH	Vermont Energy Star Home bonus	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SRVMODTB	Modular Home Thermal Bypass Inspection Incentive	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SRVRATAB	Home energy rating, as built (ABHER)	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SRVRATFU	Home energy rating, full	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SRVRATNG	Home energy rating	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SRVRATVA	Vermont Advantage rating (82.0-85.9)	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SRVRATVS	Vermont Star rating (86.0+)	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
SRVSPADV	Advance special incentive payment	0.89	0.95	0.98	0.98	1	1	1	1	1	0.98	1.02	0.9	0.9	1	1	0.9	1.02
SRVSPWTH	Withheld special incentive payment	0.89	0.95	0.98	0.98	1	1	1	1	1	0.98	1.02	0.9	0.9	1	1	0.9	1.02
TSHAIRSL	Airsealing	0.89	0.94	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
TSHCODEC	Energy code compliance	0.89	0.94	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05

TSHCOMPC	Comprehensive Thermal Measure REMRate Calculated Cooling	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1.05
TSHCOMPH	Comprehensive Thermal Measure REMRate Calculated Heating	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1.05
TSHCOMPR	Comprehensive heating system and shell improvements	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
TSHDOORS	Door improvements	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
TSHNACWL	Attic/ceiling/wall insulation	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	1	1.05
TSHNAIRS	Insulate and airseal	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
TSHNBLDG	Whole-building insulation	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
TSHNFNDE	Foundation insulation, exterior	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
TSHNFNDN	Foundation insulation, interior	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
TSHPVSQL	Passive solar design	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
TSHRATA1	Rating based space heating savings, 81-85pts attached	0.89	0.99	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
TSHRATA2	Rating based space heating savings, 61-80pts attached	0.89	0.99	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
TSHRATA3	Rating based space heating savings, 0-60pts attached	0.89	0.99	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
TSHRATD1	Rating based space heating savings, 81-85pts detached	0.89	0.99	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
TSHRATD2	Rating based space heating savings, 61-80pts detached	0.89	0.99	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
TSHRATD3	Rating based space heating savings, 0-60pts detached	0.89	0.99	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
TSHRATM1	Rating based space heating savings, 82 plus multi	0.89	0.99	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
TSHRATM2	Rating based space heating savings, 86 plus multi	0.89	0.99	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
TSHRATVA	Rating based space heating savings, 82 plus mixed	0.89	0.99	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
TSHRATVS	Rating based space heating savings, 86 plus mixed	0.89	0.99	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
TSHVSTAR	Vermont Star home (OBSOLETE)	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
TSHVTADV	Vermont Advantage home (OBSOLETE)	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
TSHWINDO	Window improvements	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
TSHZZZZZ	Custom thermal shell	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
VNTBELEC	Balanced ventilator, makeup heat electric	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
VNTBFOIL	Balanced ventilator, makeup heat oil	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
VNTBNGAS	Balanced ventilator, makeup heat natural gas	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
VNTBNONE	Balanced ventilator, makeup heat none	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
VNTBPROP	Balanced ventilator, makeup heat propane	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
VNTCLFAN	Ceiling fan	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
VNTCOMMI	Ventilation Commissioning	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
VNTDEMAN	Demand controlled ventilation	0.89	0.94	0.95	0.95	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
VNTHELEC	HRV ventilator, makeup heat electric	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
VNTHFOIL	HRV ventilator, makeup heat oil	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
VNTHNGAS	HRV ventilator, makeup heat natural gas	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
VNTHNONE	HRV ventilator, makeup heat none	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
VNTHPROP	HRV ventilator, makeup heat propane	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
VNTMECHV	Mechanical ventilation, unspecified	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
VNTXCEIL	Exhaust fan, ceiling	0.89	0.94	1	1	1	1	1	1	1	1	1	0.9	0.9	0.9	1	1	0.9	1.05
VNTXLINE	Exhaust fan, inline	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
VNTXFAN	Exhaust fan, variable speed	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
VNTXWALL	Exhaust fan, wall	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
VNTZZZZZ	Custom ventilation	0.89	0.94	1	1	1	1	1	1	1	1	1	1.05	0.9	0.9	1	1	0.9	1.05
WATDFTLT	Dual flush toilet	0.89	0.94	1	1	1	1	1	1	1	1	1	1.1	0.9	0.9	1	1	0.9	1.1
WATDVTLT	Toilet diverter	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
WATLEAKS	Water leak reduction	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
WATLFTLT	Low flow toilet	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
WATZZZZZ	Custom water conservation	0.89	0.94	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ZZZBHTIM	Block Heater Timer	0.89	0.94	1.05	0.95	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ZZZEKIT	Home Energy Kit - Total	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ZZZMASTR	Master meter conversion	0.89	0.99	1	1	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ZZZTEMPX	Temporary measure code, to be reassigned	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0
ZZZTRANS	Transformer, efficient	0.89	0.98	0.99	0.99	1	1	1	1	1	1	1	1	0.9	0.9	1	1	0.9	1
ZZZZZZZ	Other uncategorized efficiency	0.99	0.99	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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