

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

In the Matter of Union Electric Company d/b/a Ameren)
Missouri's Filing to Implement Regulatory Changes in) File No. EO-2012-0142
Furtherance of Energy Efficiency as Allowed by MEEIA.)

NON-UNANIMOUS STIPULATION AND AGREEMENT

COMES NOW Union Electric Company d/b/a Ameren Missouri ("Ameren Missouri" or "Company"), the Staff of the Missouri Public Service Commission ("Staff"), the Missouri Division of Energy ("DE"), and the Office of the Public Counsel ("OPC"), (collectively "Parties"), and present this Non-Unanimous Stipulation and Agreement ("Stipulation") to the Missouri Public Service Commission ("Commission") for approval, and in support thereof respectfully state as follows:

1. On January 20, 2012, Ameren Missouri filed an application under the Missouri Energy Efficiency Investment Act ("MEEIA") and the Commission's MEEIA rules in Case No. EO-2012-0142. On July 5, 2012, Ameren Missouri, together with other parties, submitted to the Commission for approval a Unanimous Stipulation and Agreement ("Unanimous Stipulation") related to the Company's implementation of MEEIA. The Commission issued an Order approving the Unanimous Stipulation on August 1, 2012 and as amended on December 19, 2012.

2. Pursuant to Appendix D to the Unanimous Stipulation, the signatories agreed to ranges of incentive amounts, by measure, for Ameren Missouri to offer to residential customers after DSM program designs were finalized for initial offering to eligible residential customers. Recently, the Company has identified certain changes that are expected to provide benefits to customers. The Company has consulted with Stakeholders concerning these range changes, and

concludes that the ranges should be modified in order to maximize value for customers through modifications to incentives.

3. Ameren Missouri proposes changes to the range of incentives for measures as set forth in Amended Appendix D attached hereto. Amended Appendix D incorporates specific changes as follows:

		Proposed in red		
Energy Efficient Lighting Program Measures		Low Range	High Range	Difference
	LED - 10.5W Downlight E26 Light Bulb	\$4.00 \$1.50	\$30.00	-\$2.50
	LED - 12W Dimmable Light Bulb	\$4.00 \$1.50	\$30.00	-\$2.50
	LED - 15W Flood Light PAR30 Bulb (POST-EISA)	\$4.00 \$1.50	\$30.00	-\$2.50
	LED - 18W Flood Light PAR38 Bulb (POST-EISA)	\$4.00 \$1.50	\$30.00	-\$2.50
	LED - 8W Globe Light G25 Bulb	\$4.00 \$1.50	\$30.00	-\$2.50
HVAC Program Measures		Low Range	High Range	Difference
	GSHP - SEER 14+ ER Elec Resist Furnace Erbegin	\$400	\$1600 \$2,000	+\$400
	GSHP - SEER 14+ Replace Elec Resist Furnace	\$400	\$1600 \$2,000	+\$400
Multifamily Income Qualified		Low Range	High Range	Difference
Direct Install	Setback Thermostat – full setback_MF	\$45.00 \$43.00	\$180.00	-\$2.00
Home Energy Analysis Program Measures		Low Range	High Range	Difference
Direct Install	LED - 10.5W Downlight E26 Light Bulb	\$16.49 \$13.00	\$65.94	-\$3.49
Direct Install	LED - 12W Dimmable Light Bulb	\$16.49 \$14.00	\$65.94	-\$2.49
Home Energy Analysis Program Measures		Low Range	High Range	Difference
Direct Install	Window Replacement- \$38 Electric (+\$12 Gas)/window; min. 5 windows/max. 10	\$225.03 \$190.00	\$900.12	-\$35.03

4. When MEEIA was originally proposed and approved, incentive ranges reflected what was known at that time. Today, there exists a greater ability to parse savings between gas and electric, co-deliver programs with Laclede, and also incorporate the beneficial impact of reduced LED prices. With respect to HVAC incentives, Ameren Missouri has identified increases that will positively impact a customer’s ability to purchase higher efficiency equipment and increase customer savings.

5. The modifications in the Amended Appendix D will provide additional financial incentives designed to increase customer adoption of efficient measures in a manner that promotes MEEIA policies and the public interest generally.

6. Further detail concerning the changes in incentives is provided in Exhibit 1 to this Stipulation. The incentive changes listed on Exhibit 1 are prospective. Upon approval of these range modifications, the revised measure incentives will be submitted under the approved 11-step process that is provided for pursuant to the Company's tariffs.

7. The Commission regulations require approval for any modification of demand-side programs pursuant to 4 CSR 240-20.094(4). Paragraph 9(a) of the *Unanimous Stipulation and Agreement Resolving Ameren Missouri's MEEIA Filing*¹ ("2012 Stipulation") contemplated a filing pursuant to 4 CSR 240-20.094(4) in order to change or modify the ranges of incentives.² That regulation would require a completed filing pursuant to 4 CSR 240-3.164, including a current potential study, demonstration of cost-effectiveness for each demand-side program and for the total of all demand-side programs of the utility, and demonstration and explanation in quantitative and qualitative terms of how the utility's demand-side programs are expected to make progress towards a goal of achieving all cost-effective, demand-side savings over the life of the programs. Since there remains less than four (4) full months for delivery of programs approved in the 2012 Stipulation and the overall impact on demand-side programs' spending and savings are relatively small, the Parties ask the Commission for a waiver of this regulation. The

¹ On August 1, 2012 the Commission approved the Unanimous Stipulation and Agreement Resolving Ameren Missouri's MEEIA Filing which had been filed on July 5, 2012 on behalf of nine parties including the Office of the Public Counsel.

² Paragraph 9(a) Attached hereto and incorporated herein by this reference as Appendix D are the ranges of incentive amounts, by measure, that Ameren Missouri may offer to customers. In order to offer incentive amounts that fall outside these ranges, Ameren Missouri must seek and obtain Commission approval under 4 CSR 240-20.094(4).

public interest is served by these modifications to provide additional energy efficiency benefits to customers.

8. The following Parties to this proceeding have been apprised of this Stipulation by e-mail to all Counsel of Record: Natural Resources Defense Council (“NRDC”), Renew Missouri, Sierra Club, Barnes-Jewish Hospital (“BJC”), Kansas City Power & Light Company (“KCP&L”), KCP&L Greater Missouri Operations Company (“GMO”), Laclede Gas Company (“Laclede”), and Missouri Industrial Energy Consumers (“MIEC”). To date, the aforementioned parties have not expressed any intent to object, however, they have not affirmatively stated that they will refrain from objecting.

WHEREFORE, the Parties respectfully request that the Commission approve this Stipulation, allow the related modifications to the MEEIA Plan, and grant any other and further relief as it deems just and equitable.

Respectfully submitted,

Matthew R. Tomc

Matthew R. Tomc, #66571

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CERTIFICATE OF SERVICE

I do hereby certify that a true and correct copy of the foregoing document has been hand-delivered, transmitted by e-mail or mailed, First Class, postage prepaid, this 3rd day of September, 2015, to counsel for all parties on the Commission's service list in this case.

/s/ Matthew R. Tomc

Residential Incentive Range Modification Summary

2015

Ameren Missouri is requesting to modify the incentive ranges on file for Residential Electric Programs as outlined below.

- I. Energy Efficient Lighting Program
- II. HVAC Program
- III. Multifamily Low Income Program
- IV. Home Energy Analysis Pilot Program
- V. Clean-up items

These modifications are being requested to accommodate incentive increases/decreases for the affected programs. Upon approval the measure incentive changes will be submitted using the 11-step process.

I. Energy Efficient Lighting Program

1. Proposed change to decrease the LED incentive low side range from \$4 to \$1.50 due to the price drops being realized in the LED market.

	Proposed			
Energy Efficient Lighting Program Measures	Low Range	High Range	Difference	High Range
LED - 10.5W Downlight E26 Light Bulb	\$4.00 \$1.50		-\$2.50	\$30.00
LED - 12W Dimmable Light Bulb	\$4.00 \$1.50		-\$2.50	\$30.00
LED - 15W Flood Light PAR30 Bulb (POST-EISA)	\$4.00 \$1.50		-\$2.50	\$30.00
LED - 18W Flood Light PAR38 Bulb (POST-EISA)	\$4.00 \$1.50		-\$2.50	\$30.00
LED - 8W Globe Light G25 Bulb	\$4.00 \$1.50		-\$2.50	\$30.00

II. HVAC Program

1. In order to accommodate the proposed GSHP incentive increase to \$2,000 the following filed HVAC System Incentive measure High Ranges will need to be increased.

		Proposed			
HVAC Program Measures	Low Range	High Range	Difference	% of Incremental cost	
GSHP - SEER 14+ ER Elec Resist Furnace Erbegin	\$400	\$1600 \$2,000	+\$400	38%	(\$5,250)
GSHP - SEER 14+ Replace Elec Resist Furnace	\$400	\$1600 \$2,000	+\$400	42%	(\$4,717)

III. Multifamily Low Income Program

1. Reduce the low range incentive for programmable thermostats due to co-delivery/cost sharing with Laclede gas. (Gas \$57/Electric \$43)

		Proposed			
	Multifamily Income Qualified	Low Range	Difference	High Range	
Direct Install	Setback Thermostat – full setback_MF	\$45.00 \$43.00	-\$2.00	\$180.00	

Residential Incentive Range Modification Summary

2015

IV. Home Energy Analysis Pilot Program

1. Proposed change to decrease the LED incentive low side range due to price drops in the LED market. This amount was renegotiated with the program implementation vendor.

		Proposed			
	Home Energy Analysis Program Measures	Low Range	Difference	High Range	
Direct Install	LED - 10.5W Downlight E26 Light Bulb	\$16.49 \$13.00	-\$3.49	\$65.94	
Direct Install	LED - 12W Dimmable Light Bulb	\$16.49 \$14.00	-\$2.49	\$65.94	

2. Reduced the low range incentive for Window Replacement due to co-delivery/cost sharing with Ameren Missouri gas.

		Proposed			
	Home Energy Analysis Program Measures	Low Range	Difference	High Range	
Direct Install	Window Replacement- \$38 Electric (+\$12 Gas)/window; min. 5 windows/max. 10	\$225.03 \$190.00	\$35.03	\$900.12	

V. Clean-up items

1. Remove multifamily designation (MF) for the listed direct installation domestic hot water (DHW) measures. The TRM lists these measures with the same savings for direct install SF.

		Proposed Remove 'MF' designation			
	Home Energy Analysis Program Measures	Low Range	High Range		
Direct Install	Low Flow Faucet Aerator _MF	\$6.50	\$26.00		
Direct Install	Low Flow Showerhead _MF	\$21.00	\$84.00		
Direct Install	Pipe Insulation _MF (10LF)	\$2.50	\$15.00		

2. Multiple ASHP HVAC Unit duplicates are listed and should be removed.

Measure	Low Range	High Range	
ASHP- SEER 15 Replace at Fail Elec Resist Furnace	107.40	1,074.00	<--remove duplicate measure
ASHP- SEER 15 Replace at Fail Elec Resist Furnace	107.40	1,075.00	
ASHP - SEER 15 Replace at Fail with ASHP	78.30	523.00	
ASHP- SEER 15 Replace at Fail with ASHP	104.40	523.00	<--remove duplicate measure
ASHP - SEER 16+ ER Elec Resist Furnace ERbegin	201.83	1,500.00	
ASHP- SEER 16+ ER Elec Resist Furnace ERbegin	201.83	1,500.00	<--remove duplicate measure
ASHP - SEER 16+ ER with ASHP ERbegin	239.29	1,300.00	
ASHP- SEER 16+ ER with ASHP ERbegin	319.05	1,300.00	<--remove duplicate measure
ASHP- SEER 16+ Replace at Fail Elec Resist Furnace	148.50	1,485.00	
ASHP- SEER 16+ Replace at Fail Elec Resist Furnace	148.50	1,486.00	<--remove duplicate measure
ASHP - SEER 16+ Replace at Fail with ASHP	139.95	933.00	
ASHP- SEER 16+ Replace at Fail with ASHP	186.60	934.00	<--remove duplicate measure

Residential Incentive Range Modification Summary

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The following revisions (as outlined above) to the Ameren Missouri Residential EE Incentive Ranges: S&A Appendix D, are noted in red and clean-up items are highlighted in blue.

Ameren Missouri Res EE Incentive Ranges_revision_6_2015

Program	Measure	Low Range	High Range
Direct Install	AC - Energy Star Room - Thru-Wall	\$ 250.00	\$ 1,000.00
Direct Install	AC - Energy Star Room_MF	\$ 197.50	\$ 790.00
Direct Install	AC - SEER 14_MF	\$ 69.46	\$ 277.86
Direct Install	AC - SEER 15_MF	\$ 138.93	\$ 555.71
Direct Install	AC - SEER 16_MF	\$ 208.39	\$ 833.57
Direct Install	AC - SEER 17_MF	\$ 277.86	\$ 1,111.42
Direct Install	Airtight Can Lights_MF	\$ 75.00	\$ 300.00
Direct Install	ASHP - SEER 14_MF	\$ 73.45	\$ 375.00
Direct Install	ASHP - SEER 15_MF	\$ 146.90	\$ 600.00
Direct Install	ASHP - SEER 16_MF	\$ 220.36	\$ 900.00
Direct Install	ASHP - SEER 17_MF	\$ 293.81	\$ 1,175.23
Direct Install	ASHP - SEER 18_MF	\$ 367.26	\$ 1,500.00
Direct Install	CFL - 13W_MF POST-EISA	\$ 2.50	\$ 10.00
Direct Install	CFL - 13W_MF PRE-EISA	\$ 2.50	\$ 10.00
Direct Install	CFL - 18W (75W incand equiv) POST-EISA	\$ 2.50	\$ 10.00
Direct Install	CFL - 23W (100W incand equiv) POST-EISA	\$ 2.50	\$ 10.00
Direct Install	CFL - Fixtures	\$ 9.00	\$ 36.00
Direct Install	CFL - High Wattage Bulbs	\$ 7.50	\$ 40.00
Direct Install	CFL - Reflector	\$ 7.50	\$ 30.00
Direct Install	CFL - Specialty Bulbs	\$ 5.00	\$ 30.00
Direct Install	DFHP - SEER 14_MF	\$ 69.46	\$ 300.00
Direct Install	DFHP - SEER 15_MF	\$ 138.93	\$ 600.00
Direct Install	DFHP - SEER 16_MF	\$ 208.39	\$ 850.00
Direct Install	DFHP - SEER 17_MF	\$ 277.86	\$ 1,200.00
Direct Install	DFHP - SEER 18_MF	\$ 366.75	\$ 1,500.00
Direct Install	Duct Insulation_MF	\$ 264.00	\$ 1,500.00
Direct Install	Duct location_MF	\$ 825.00	\$ 3,300.00
Direct Install	Duct sealing 20% leakage base_MF	\$ 150.00	\$ 949.61
Direct Install	Duct sealing 25% leakage base_MF	\$ 150.00	\$ 949.61
Direct Install	Duct sealing 30% leakage base_MF	\$ 150.00	\$ 949.61
Direct Install	ECM blower - continuous_MF	\$ 131.25	\$ 525.00
Direct Install	ECM blower - intermittent_MF	\$ 131.25	\$ 525.00
Direct Install	Energy Star Refrigerator_MF	\$ 340.00	\$ 1,400.00
Direct Install	HVAC Maintenance and Tune-up_MF	\$ 34.75	\$ 300.00
Direct Install	LED - 10.5W Downlight E26 Light Bulb	\$ 13.00	\$ 65.94
Direct Install	LED - 12W Dimmable Light Bulb	\$ 14.00	\$ 65.94
Direct Install	LED - 15W Flood Light PAR30 Bulb (Post-EISA)	\$ 16.49	\$ 65.94
Direct Install	LED - 18W Flood Light PAR38 Bulb (Post-EISA)	\$ 16.49	\$ 65.94
Direct Install	LED - 8W Globe Light G25 Bulb	\$ 11.49	\$ 45.94
Direct Install	Low Flow Faucet Aerator_MF	\$ 6.50	\$ 26.00
Direct Install	Low Flow Showerhead_MF	\$ 21.00	\$ 84.00
Direct Install	Pipe Insulation_MF	\$ 2.50	\$ 15.00
Direct Install	PTAC 10.3 EER_MF	\$ 62.15	\$ 248.58
Direct Install	PTAC 9.3 EER_MF	\$ 67.80	\$ 271.18
Direct Install	PTHP 10.9 EER_MF	\$ 77.56	\$ 310.23
Direct Install	PTHP 9.1 EER_MF	\$ 84.61	\$ 338.43
Direct Install	RCA 10% improvement_MF	\$ 34.75	\$ 225.00
Direct Install	RCA 15% improvement_MF	\$ 109.70	\$ 438.81
Direct Install	RCA 5% improvement_MF	\$ 28.77	\$ 115.08
Direct Install	Refrigerator Coil Cleaning Brush	\$ 1.50	\$ 9.00
Direct Install	Setback thermostat - full setback_MF	\$ 43.00	\$ 180.00
Direct Install	Smart Strip plug outlet	\$ 20.00	\$ 80.00
Direct Install	Wall Insulation_MF	\$ 1,520.56	\$ 3,040.00
Direct Install	Water Heater, Tank Blanket-Insulation - Electric	\$ 12.50	\$ 150.00
Direct Install	Water Heater, Thermostat Setback - Electric	\$ 4.00	\$ 16.00
Direct Install	Window Film_MF	\$ 269.18	\$ 540.00
Direct Install	Window Replacement_MF	\$ 750.10	\$ 1,500.00
Direct Install	Air Sealing (Infiltration reduction) - 30%_SF	\$ 35.00	\$ 264.00

Residential Incentive Range Modification Summary

2015

Ameren Missouri Res EE Incentive Ranges_revision_6_2015

Program	Measure	Low Range	High Range
	Air Sealing (Infiltration reduction) - 50%_SF	\$ 35.00	\$ 264.00
	ASHP - SEER 14 ER Elec Resist Furnace ERbegin	\$ 149.63	\$ 950.00
	ASHP - SEER 14 ER with ASHP ERbegin	\$ 160.99	\$ 750.00
	ASHP- SEER 14 Replace at Fail Elec Resist Furnace	\$ 96.30	\$ 950.00
	ASHP - SEER 14 Replace at Fail with ASHP	\$ 61.65	\$ 411.00
	ASHP - SEER 15 ER Elec Resist Furnace ERbegin	\$ 160.73	\$ 1,100.00
	ASHP - SEER 15 ER Elec Resist Furnace ERbegin	\$ 160.73	\$ 1,100.00
	ASHP - SEER 15 ER with ASHP ERbegin	\$ 177.64	\$ 1,000.00
	ASHP - SEER 15 ER with ASHP ERbegin	\$ 216.06	\$ 1,000.00
duplicate ->	ASHP - SEER 15 Replace at Fail Elec Resist Furnace	\$ 107.40	\$ 1,074.00
	ASHP- SEER 15 Replace at Fail Elec Resist Furnace	\$ 107.40	\$ 1,075.00
	ASHP - SEER 15 Replace at Fail with ASHP	\$ 78.30	\$ 523.00
duplicate ->	ASHP - SEER 15 Replace at Fail with ASHP	\$ 104.40	\$ 523.00
	ASHP - SEER 16+ ER Elec Resist Furnace ERbegin	\$ 201.83	\$ 1,500.00
duplicate ->	ASHP - SEER 16+ ER Elec Resist Furnace ERbegin	\$ 201.83	\$ 1,500.00
	ASHP - SEER 16+ ER with ASHP ERbegin	\$ 239.29	\$ 1,300.00
duplicate ->	ASHP - SEER 16+ ER with ASHP ERbegin	\$ 319.05	\$ 1,300.00
	ASHP- SEER 16+ Replace at Fail Elec Resist Furnace	\$ 148.50	\$ 1,485.00
duplicate ->	ASHP - SEER 16+ Replace at Fail Elec Resist Furnace	\$ 148.50	\$ 1,486.00
	ASHP - SEER 16+ Replace at Fail with ASHP	\$ 139.95	\$ 933.00
duplicate ->	ASHP - SEER 16+ Replace at Fail with ASHP	\$ 186.60	\$ 934.00
	CAC - SEER 14 ERbegin	\$ 133.55	\$ 750.00
	CAC - SEER 14 Replace at Fail	\$ 53.55	\$ 357.00
	CAC - SEER 15 ERbegin	\$ 187.10	\$ 1,000.00
	CAC - SEER 15 Replace at Fail	\$ 107.10	\$ 714.00
	CAC - SEER 16+ ERbegin	\$ 195.65	\$ 1,200.00
	CAC - SEER 16+ Replace at Fail	\$ 115.65	\$ 771.00
	Ceiling Insulation R5-R30	\$ 0.00075	\$ 0.0030
	Ceiling Insulation R5-R38	\$ 0.00075	\$ 0.0030
	Ceiling Insulation R5-R49	\$ 0.00075	\$ 0.0030
	Ceiling Insulation R11-R30	\$ 0.00075	\$ 0.0030
	Ceiling Insulation R11-R38	\$ 0.00075	\$ 0.0030
	Ceiling Insulation R11-R49	\$ 0.00075	\$ 0.0030
	Ceiling Insulation R19-R30	\$ 0.00075	\$ 0.0030
	Ceiling Insulation R19-R38	\$ 0.00075	\$ 0.0030
	Ceiling Insulation R19-R49	\$ 0.00075	\$ 0.0030
	CFL - 13W (60W incand equiv) POST-EISA	\$ 0.33	\$ 2.50
	CFL - 13W (60W incand equiv) PRE-EISA	\$ 0.33	\$ 2.50
	CFL - 18W (75W incand equiv) POST-EISA	\$ 0.33	\$ 2.50
	CFL - 23W (100W incand equiv) POST-EISA	\$ 0.33	\$ 2.50
	CFL - Fixtures	\$ 3.75	\$ 30.00
	CFL - High Wattage Bulbs	\$ 1.50	\$ 6.00
	CFL - Reflector	\$ 1.50	\$ 8.00
	CFL - Specialty Bulbs	\$ 1.50	\$ 10.50
	CFL - Torchiere Floor Lamps	\$ 7.50	\$ 30.00
	DFHP - SEER 14_SF	\$ 38.14	\$ 250.00
	DFHP - SEER 15_SF	\$ 76.27	\$ 450.00
	DFHP - SEER 16_SF	\$ 114.41	\$ 650.00
	DFHP - SEER 17_SF	\$ 152.54	\$ 850.00
	DFHP - SEER 18_SF	\$ 201.35	\$ 1,100.00
	Duct Sealing Level 1	\$ 48.75	\$ 325.00
	Duct Sealing Level 2	\$ 32.50	\$ 325.00
	ECM Installations Auto Fan ERbegin	\$ 15.00	\$ 167.75
	ECM Installations Auto Fan Replace at Fail	\$ 15.00	\$ 125.00
	ECM Installations Continuous Fan ERBegin	\$ 15.00	\$ 167.75
	ECM Continuous Fan Replace at Fail	\$ 15.00	\$ 125.00
	Energy Star Room AC	\$ 7.50	\$ 50.00
	Energy Star Room Air Purifier	\$ 25.00	\$ 70.00

Residential Incentive Range Modification Summary

2015

Ameren Missouri Res EE Incentive Ranges_revision_6_2015

Program	Measure	Low Range	High Range
	Energy Star Water Cooler	\$ 8.50	\$ 17.00
	Freezer Recycling	\$ 25.00	\$ 100.00
	Geothermal HP Desuperheater	\$ 23.90	\$ 100.00
	GSHP - SEER 14+ ER ASHP with GSHP ERbegin	\$ 724.09	\$ 3,860.00
	GSHP - SEER 14+ ER Elec Resist Furnace Erbegin	\$ 400.00	\$ 2,000.00
	GSHP - SEER 14+ Replace Elec Resist Furnace	\$ 400.00	\$ 2,000.00
	Heat Pump Strip Installed	\$ 15.38	\$ 75.00
	Heat Pump Strip Reset	\$ 2.50	\$ 25.00
	Heat Pump Water Heaters	\$ 125.00	\$ 700.00
	HID - Exterior	\$ 8.49	\$ 33.94
	HVAC Maintenance and Tune-up_SF	\$ 19.44	\$ 130.00
	Indoor Coil Cleaning	\$ 6.25	\$ 62.50
	LED - 10.5W Downlight E26 Light Bulb	\$ 1.50	\$ 30.00
	LED - 12W Dimmable Light Bulb	\$ 1.50	\$ 30.00
	LED - 15W Flood Light PAR30 Bulb (POST-EISA)	\$ 1.50	\$ 30.00
	LED - 18W Flood Light PAR38 Bulb (POST-EISA)	\$ 1.50	\$ 30.00
	LED - 8W Globe Light G25 Bulb	\$ 1.50	\$ 30.00
	Level 1 Home Audit	\$ 0.00	\$ 300.00
	Level 2 Home Audit	\$ 0.00	\$ 300.00
	Low Flow Faucet Aerator - Electric water heater	\$ 0.95	\$ 5.00
	Low Flow Showerhead - Electric water heater	\$ 3.16	\$ 15.00
	Metal Halide Outdoor Lighting	\$ 16.80	\$ 67.20
	Occupancy Sensor	\$ 5.00	\$ 49.00
	Outdoor Coil Cleaning	\$ 3.13	\$ 31.25
	Pipe Wrap - Electric water heater	\$ 0.76	\$ 7.60
	Pool Pump and Motor Single Speed	\$ 8.50	\$ 85.00
	Pool Pump and motor w auto controls - multi speed	\$ 86.85	\$ 400.00
	PTAC 10.3 EER_SF	\$ 18.64	\$ 124.29
	PTAC 9.3 EER_SF	\$ 20.34	\$ 135.59
	PTHP 10.9 EER_SF	\$ 23.27	\$ 150.00
	PTHP 9.1 EER_SF	\$ 25.38	\$ 150.00
	RCA 10% improvement_SF	\$ 19.08	\$ 127.19
	Refrigerator Recycling	\$ 25.00	\$ 100.00
	Setback thermostat - full setback_SF	\$ 6.34	\$ 50.00
	Setback thermostat - moderate setback_SF	\$ 7.34	\$ 50.00
	Smart Strip plug outlet	\$ 5.00	\$ 25.00
	VFDs on Residential Swimming Pool Pumps	\$ 63.75	\$ 255.00
	Water Heater - Electric	\$ 7.35	\$ 49.00
	Water Heater, Tank Blanket-Insulation - Electric	\$ 1.80	\$ 18.00
	Water Heater, Thermostat Setback - Electric	\$ 0.80	\$ 8.00
	Window Replacement_SF	\$ 190.00	\$ 900.12

Residential Ranges

Program	Measure	Low Range	High Range
Direct Install	AC - Energy Star Room - Thru-Wall	\$ 250.00	\$ 1,000.00
Direct Install	AC - Energy Star Room_MF	\$ 197.50	\$ 790.00
Direct Install	AC - SEER 14_MF	\$ 69.46	\$ 277.86
Direct Install	AC - SEER 15_MF	\$ 138.93	\$ 555.71
Direct Install	AC - SEER 16_MF	\$ 208.39	\$ 833.57
Direct Install	AC - SEER 17_MF	\$ 277.86	\$ 1,111.42
Direct Install	Airtight Can Lights_MF	\$ 75.00	\$ 300.00
Direct Install	ASHP - SEER 14_MF	\$ 73.45	\$ 375.00
Direct Install	ASHP - SEER 15_MF	\$ 146.90	\$ 600.00
Direct Install	ASHP - SEER 16_MF	\$ 220.36	\$ 900.00
Direct Install	ASHP - SEER 17_MF	\$ 293.81	\$ 1,175.23
Direct Install	ASHP - SEER 18_MF	\$ 367.26	\$ 1,500.00
Direct Install	CFL - 13W_MF POST-EISA	\$ 2.50	\$ 10.00
Direct Install	CFL - 13W_MF PRE-EISA	\$ 2.50	\$ 10.00
Direct Install	CFL - 18W (75W incand equiv) POST-EISA	\$ 2.50	\$ 10.00
Direct Install	CFL - 23W (100W incand equiv) POST-EISA	\$ 2.50	\$ 10.00
Direct Install	CFL - Fixtures	\$ 9.00	\$ 36.00
Direct Install	CFL - High Wattage Bulbs	\$ 7.50	\$ 40.00
Direct Install	CFL - Reflector	\$ 7.50	\$ 30.00
Direct Install	CFL - Specialty Bulbs	\$ 5.00	\$ 30.00
Direct Install	DFHP - SEER 14_MF	\$ 69.46	\$ 300.00
Direct Install	DFHP - SEER 15_MF	\$ 138.93	\$ 600.00
Direct Install	DFHP - SEER 16_MF	\$ 208.39	\$ 850.00
Direct Install	DFHP - SEER 17_MF	\$ 277.86	\$ 1,200.00
Direct Install	DFHP - SEER 18_MF	\$ 366.75	\$ 1,500.00
Direct Install	Duct Insulation_MF	\$ 264.00	\$ 1,500.00
Direct Install	Duct location_MF	\$ 825.00	\$ 3,300.00
Direct Install	Duct sealing 20% leakage base_MF	\$ 150.00	\$ 949.61
Direct Install	Duct sealing 25% leakage base_MF	\$ 150.00	\$ 949.61
Direct Install	Duct sealing 30% leakage base_MF	\$ 150.00	\$ 949.61
Direct Install	ECM blower - continuous_MF	\$ 131.25	\$ 525.00
Direct Install	ECM blower - intermittent_MF	\$ 131.25	\$ 525.00
Direct Install	Energy Star Refrigerator_MF	\$ 340.00	\$ 1,400.00
Direct Install	HVAC Maintenance and Tune-up_MF	\$ 34.75	\$ 300.00
Direct Install	LED - 10.5W Downlight E26 Light Bulb	\$ 16.49	\$ 65.94
Direct Install	LED - 12W Dimmable Light Bulb	\$ 16.49	\$ 65.94
Direct Install	LED - 15W Flood Light PAR30 Bulb (Post-EISA)	\$ 16.49	\$ 65.94
Direct Install	LED - 18W Flood Light PAR38 Bulb (Post-EISA)	\$ 16.49	\$ 65.94
Direct Install	LED - 8W Globe Light G25 Bulb	\$ 11.49	\$ 45.94
Direct Install	Low Flow Faucet Aerator_MF	\$ 6.50	\$ 26.00
Direct Install	Low Flow Showerhead_MF	\$ 21.00	\$ 84.00
Direct Install	Pipe Insulation_MF	\$ 2.50	\$ 15.00
Direct Install	PTAC 10.3 EER_MF	\$ 62.15	\$ 248.58
Direct Install	PTAC 9.3 EER_MF	\$ 67.80	\$ 271.18
Direct Install	PTHP 10.9 EER_MF	\$ 77.56	\$ 310.23
Direct Install	PTHP 9.1 EER_MF	\$ 84.61	\$ 338.43
Direct Install	RCA 10% improvement_MF	\$ 34.75	\$ 225.00
Direct Install	RCA 15% improvement_MF	\$ 109.70	\$ 438.81
Direct Install	RCA 5% improvement_MF	\$ 28.77	\$ 115.08
Direct Install	Setback thermostat - full setback_MF	\$ 45.00	\$ 180.00
Direct Install	Smart Strip plug outlet	\$ 20.00	\$ 80.00
Direct Install	Wall Insulation_MF	\$ 1,520.56	\$ 3,040.00
Direct install	Water Heater, Tank Blanket-Insulation - Electric	\$ 12.50	\$ 150.00
Direct Install	Water Heater, Thermostat Setback - Electric	\$ 4.00	\$ 16.00
Direct Install	Window Film_MF	\$ 269.18	\$ 540.00
Direct Install	Window Replacement_MF	\$ 750.10	\$ 1,500.00
	Air Sealing (Infiltration reduction) - 30%_SF	\$ 39.60	\$ 200.00
	Air Sealing (Infiltration reduction) - 50%_SF	\$ 39.60	\$ 264.00
	ASHP - SEER 14 ER Elec Resist Furnace ERbegin	\$ 149.63	\$ 950.00
	ASHP - SEER 14 ER with ASHP ERbegin	\$ 160.99	\$ 750.00

Residential Ranges

ASHP- SEER 14 Replace at Fail Elec Resist Furnace	\$	96.30	\$	950.00
ASHP - SEER 14 Replace at Fail with ASHP	\$	61.65	\$	411.00
ASHP - SEER 15 ER Elec Resist Furnace ERbegin	\$	160.73	\$	1,100.00
ASHP - SEER 15 ER Elec Resist Furnace ERbegin	\$	160.73	\$	1,100.00
ASHP - SEER 15 ER with ASHP ERbegin	\$	177.64	\$	1,000.00
ASHP - SEER 15 ER with ASHP ERbegin	\$	216.06	\$	1,000.00
ASHP- SEER 15 Replace at Fail Elec Resist Furnace	\$	107.40	\$	1,074.00
ASHP- SEER 15 Replace at Fail Elec Resist Furnace	\$	107.40	\$	1,075.00
ASHP - SEER 15 Replace at Fail with ASHP	\$	78.30	\$	522.00
ASHP - SEER 15 Replace at Fail with ASHP	\$	104.40	\$	523.00
ASHP - SEER 16+ ER Elec Resist Furnace ERbegin	\$	201.83	\$	1,500.00
ASHP - SEER 16+ ER Elec Resist Furnace ERbegin	\$	201.83	\$	1,500.00
ASHP - SEER 16+ ER with ASHP ERbegin	\$	239.29	\$	1,300.00
ASHP - SEER 16+ ER with ASHP ERbegin	\$	319.05	\$	1,300.00
ASHP- SEER 16+ Replace at Fail Elec Resist Furnace	\$	148.50	\$	1,485.00
ASHP- SEER 16+ Replace at Fail Elec Resist Furnace	\$	148.50	\$	1,486.00
ASHP - SEER 16+ Replace at Fail with ASHP	\$	139.95	\$	933.00
ASHP - SEER 16+ Replace at Fail with ASHP	\$	186.60	\$	934.00
CAC - SEER 14 ERbegin	\$	133.55	\$	750.00
CAC - SEER 14 Replace at Fail	\$	53.55	\$	357.00
CAC - SEER 15 ERbegin	\$	187.10	\$	1,000.00
CAC - SEER 15 Replace at Fail	\$	107.10	\$	714.00
CAC - SEER 16+ ERbegin	\$	195.65	\$	1,200.00
CAC - SEER 16+ Replace at Fail	\$	115.65	\$	771.00
CFL - 13W (60W incand equiv) POST-EISA	\$	0.33	\$	2.50
CFL - 13W (60W incand equiv) PRE-EISA	\$	0.33	\$	2.50
CFL - 18W (75W incand equiv) POST-EISA	\$	0.33	\$	2.50
CFL - 23W (100W incand equiv) POST-EISA	\$	0.33	\$	2.50
CFL - Fixtures	\$	3.75	\$	30.00
CFL - High Wattage Bulbs	\$	1.50	\$	6.00
CFL - Reflector	\$	1.95	\$	8.00
CFL - Specialty Bulbs	\$	1.50	\$	10.50
CFL - Torchiere Floor Lamps	\$	7.50	\$	30.00
DFHP - SEER 14_SF	\$	38.14	\$	250.00
DFHP - SEER 15_SF	\$	76.27	\$	450.00
DFHP - SEER 16_SF	\$	114.41	\$	650.00
DFHP - SEER 17_SF	\$	152.54	\$	850.00
DFHP - SEER 18_SF	\$	201.35	\$	1,100.00
Duct Sealing Level 1	\$	48.75	\$	325.00
Duct Sealing Level 2	\$	32.50	\$	325.00
ECM Installations Auto Fan ERbegin	\$	15.00	\$	167.75
ECM Installations Auto Fan Replace at Fail	\$	15.00	\$	125.00
ECM Installations Continuous Fan ERBegin	\$	15.00	\$	167.75
ECM Continuous Fan Replace at Fail	\$	15.00	\$	125.00
Energy Star Room AC	\$	7.50	\$	50.00
Freezer Recycling	\$	25.00	\$	100.00
Geothermal HP Desuperheater	\$	23.90	\$	100.00
GSHP - SEER 14+ ER ASHP with GSHP ERbegin	\$	724.09	\$	3,860.00
GSHP - SEER 14+ ER Elec Resist Furnace Erbegin	\$	400.00	\$	1,600.00
GSHP - SEER 14+ Replace Elec Resist Furnace	\$	400.00	\$	1,600.00
Heat Pump Strip Installed	\$	15.38	\$	75.00
Heat Pump Strip Reset	\$	2.50	\$	25.00
Heat Pump Water Heaters	\$	125.00	\$	700.00
HID - Exterior	\$	8.49	\$	33.94
HVAC Maintenance and Tune-up_SF	\$	19.44	\$	130.00
Indoor Coil Cleaning	\$	6.25	\$	62.50
LED - 10.5W Downlight E26 Light Bulb	\$	4.00	\$	30.00
LED - 12W Dimmable Light Bulb	\$	4.00	\$	30.00
LED - 15W Flood Light PAR30 Bulb (POST-EISA)	\$	4.00	\$	30.00
LED - 18W Flood Light PAR38 Bulb (POST-EISA)	\$	4.00	\$	30.00
LED - 8W Globe Light G25 Bulb	\$	4.00	\$	30.00

Residential Ranges

Appendix D

AMENDED

Level 1 Home Audit	\$	0.00	\$	300.00
Level 2 Home Audit	\$	0.00	\$	300.00
Low Flow Faucet Aerator - Electric water heater	\$	0.95	\$	5.00
Low Flow Showerhead - Electric water heater	\$	3.16	\$	15.00
Metal Halide Outdoor Lighting	\$	16.80	\$	67.20
Occupancy Sensor	\$	9.15	\$	49.00
Outdoor Coil Cleaning	\$	3.13	\$	31.25
Pipe Wrap - Electric water heater	\$	0.76	\$	7.60
Pool Pump and Motor Single Speed	\$	8.50	\$	85.00
Pool Pump and motor w auto controls - multi speed	\$	86.85	\$	400.00
PTAC 10.3 EER_SF	\$	18.64	\$	124.29
PTAC 9.3 EER_SF	\$	20.34	\$	135.59
PTHP 10.9 EER_SF	\$	23.27	\$	150.00
PTHP 9.1 EER_SF	\$	25.38	\$	150.00
RCA 10% improvement_SF	\$	19.08	\$	127.19
Refrigerator Recycling	\$	25.00	\$	100.00
Setback thermostat - full setback_SF	\$	6.34	\$	50.00
Setback thermostat - moderate setback_SF	\$	7.34	\$	50.00
Smart Strip plug outlet	\$	6.00	\$	24.00
VFDs on Residential Swimming Pool Pumps	\$	63.75	\$	255.00
Water Heater - Electric	\$	7.35	\$	49.00
Water Heater, Tank Blanket-Insulation - Electric	\$	1.80	\$	18.00
Water Heater, Thermostat Setback - Electric	\$	0.80	\$	8.00
Window Replacement_SF	\$	225.03	\$	900.12