

Appendix D – Incentive Ranges

Acronyms

- SBDI - Small Business Direct Install
- SFIE - Single Family Income Eligible
- MFIE - Multifamily Income Eligible
- MFMR - Multifamily Market Rate

	Business Program Measures	Low Incentive Level (\$/1st Yr kWh)	High Incentive Level (\$/1st Yr kWh)
	Air Conditioning	\$0.06	\$0.51
	Air-Cooled Chiller	\$0.05	\$0.35
	Anti-Sweat Heater Control	\$0.05	\$0.22
	Barrel Wraps - Injection Mold and Extruders	\$0.05	\$0.22
	Beverage Vending Machine Control	\$0.05	\$0.22
	Built-in Lighting Fixtures	\$0.05	\$0.27
	Central Lighting Control	\$0.06	\$0.27
	Ceramic Metal Halide	\$0.05	\$0.27
	Chilled Water reset	\$0.05	\$0.22
	Compressed Air Optimization	\$0.05	\$0.25
	Compressor Controls	\$0.05	\$0.25
	Compressor Optimization	\$0.05	\$0.25
	Custom	\$0.05	\$0.28
	Daylight Sensor controls	\$0.05	\$0.27
	Demand Controlled Ventilation	\$0.06	\$0.32
	Dual Technology Sensors	\$0.05	\$0.27
	Electronically Commutated Motors (ECM)	\$0.05	\$0.22
	Efficient Condenser	\$0.06	\$0.27
	Electronics - Monitor Power Management	\$0.06	\$0.27
	Energy Management Systems	\$0.06	\$0.27
	Energy Efficient Blower	\$0.05	\$0.22
	ENERGY STAR Commercial Glass Door Freez/Refrig	\$0.05	\$0.27
	ENERGY STAR Commercial Solid Door Freezers	\$0.06	\$0.27
	ENERGY STAR Hot Holding Cabinets Full Size - Electric	\$0.06	\$0.27
	ENERGY STAR Ice Machines	\$0.05	\$0.27
	Energy Star Laptop	\$0.05	\$0.22
	Energy Star POS Terminal	\$0.05	\$0.22
	Energy Star Server	\$0.05	\$0.22
	ENERGY STAR Steam Cookers	\$0.06	\$0.27
	ENERGY STAR Vending Machine	\$0.05	\$0.22
	Engineered Commercial Kitchen Ventilation hood	\$0.06	\$0.27
	Engineered Nozzles Compressed Air	\$0.05	\$0.25
	Floating Head Pressure Control	\$0.05	\$0.22
	Garage HID replacement retrofit	\$0.06	\$0.27
	Ground Source heat Pump	\$0.06	\$0.27

	Head Pressure Control	\$0.05	\$0.22
	Heat Pump	\$0.06	\$0.27
	Business Program Measures	Low Incentive Level (\$/1st Yr kWh)	High Incentive Level (\$/1st Yr kWh)
	Heat Pump Water Heater	\$0.05	\$0.22
	HVAC	\$0.05	\$0.51
	HVAC - Ventilation	\$0.05	\$0.27
	HVAC - Controls	\$0.05	\$0.27
	HVAC - Occupancy Sensors	\$0.06	\$0.27
	Induction Street Lighting	\$0.05	\$0.22
	Infrared Heater	\$0.05	\$0.22
	LED Case lighting	\$0.06	\$0.27
	LED Lamps	\$0.05	\$0.28
	LED Linear	\$0.05	\$0.28
	LED or Electroluminescent Exit Sign	\$0.06	\$0.27
	Lighted Snack Dispensing Machine	\$0.05	\$0.22
	Linear Fluorescents	\$0.05	\$0.28
	Low Flow Faucet Aerator - Electric water heater	\$0.05	\$0.22
	Low Flow Showerhead	\$0.06	\$0.27
	Motors	\$0.05	\$0.27
	Occupancy Sensors	\$0.06	\$0.27
	Office Electronics	\$0.05	\$0.22
	Office Equipment - Plug Load Occupancy Sensors	\$0.05	\$0.22
	Optimizing Process Cooling	\$0.05	\$0.22
	Optimizing Process Heating	\$0.05	\$0.22
	Passive Infrared or Ultrasonic Sensors	\$0.05	\$0.22
	Pool Pumps	\$0.05	\$0.22
	Pool Pump - Timer	\$0.05	\$0.22
	Pre Rinse Sprayers - Electric water heater	\$0.05	\$0.22
	Pulse Start Metal Halide retrofit only	\$0.06	\$0.27
	Pumps	\$0.05	\$0.22
	Radiant Barrier	\$0.06	\$0.27
	Refrigerator - Door Gasket Replacement	\$0.05	\$0.22
	Repair Leaks - Air	\$0.05	\$0.22
	Retro-commissioning	\$0.05	\$0.28
	Retro-commissioning, Lighting	\$0.05	\$0.22
	Strategic Energy Management	\$0.05	\$0.27
	Strip Curtain for Walk-in Cooler or Freezer	\$0.05	\$0.22
	Switching Controls for Multilevel Lighting	\$0.06	\$0.27
	Tractor Heater Timers	\$0.05	\$0.22
	Variable Frequency Drives	\$0.05	\$0.27
	Variable Speed Drives - Air Compressors	\$0.05	\$0.25
	Wall Insulation	\$0.05	\$0.27
	Water Heater Timer	\$0.06	\$0.27
	Window Film	\$0.06	\$0.27
	Window Replacement	\$0.06	\$0.27
	Windows-High Efficiency	\$0.06	\$0.27

	Water Loop Heat Pump	\$0.06	\$0.27
	Water-Cool Centrifugal Chiller	\$0.05	\$0.35
	Water-Cool Screw Chiller	\$0.06	\$0.35

	Business Program Measures	Low Incentive Level (\$/1st Yr kWh)	High Incentive Level (\$/1st Yr kWh)
SBDI	Lighting	\$0.05	\$0.39
SBDI	Controls	\$0.05	\$0.39
SBDI	Smart Thermostats	\$0.05	\$0.39
SBDI	Variable Frequency Drives	\$0.05	\$0.39
SBDI	Motors	\$0.05	\$0.39
SBDI	Refrigeration/Freezer	\$0.05	\$0.39
SBDI	Water Heating	\$0.05	\$0.39
SBDI	HVAC	\$0.05	\$0.62
Agriculture	Lighting	\$0.05	\$0.39
Agriculture	Controls	\$0.05	\$0.39
Agriculture	Smart Thermostats	\$0.05	\$0.39
Agriculture	Variable Frequency Drives	\$0.05	\$0.39
Agriculture	Motors	\$0.05	\$0.39
Agriculture	Refrigeration/Freezer	\$0.05	\$0.39
Agriculture	Water Heating	\$0.05	\$0.39
Agriculture	HVAC	\$0.05	\$0.62
Agriculture	Kitchen	\$0.05	\$0.39
Agriculture	Custom	\$0.05	\$0.31
Schools	Lighting	\$0.05	\$0.39
Schools	Controls	\$0.05	\$0.39
Schools	Smart Thermostats	\$0.05	\$0.39
Schools	Variable Frequency Drives	\$0.05	\$0.39
Schools	Motors	\$0.05	\$0.39
Schools	Refrigeration/Freezer	\$0.05	\$0.39
Schools	Water Heating	\$0.05	\$0.39
Schools	HVAC	\$0.05	\$0.62
Schools	Kitchen	\$0.05	\$0.39
Schools	Custom	\$0.05	\$0.31
Social Services	Lighting	\$0.05	Full Cost
Social Services	Controls	\$0.05	Full Cost
Social Services	Smart Thermostats	\$0.05	Full Cost
Social Services	Variable Frequency Drives	\$0.05	Full Cost
Social Services	Motors	\$0.05	Full Cost
Social Services	Refrigeration/Freezer	\$0.05	Full Cost
Social Services	Water Heating	\$0.05	Full Cost
Social Services	HVAC	\$0.05	Full Cost

Any direct installation of residential measures will have the following costs added to the stated incentive amount:

1. Labor for installation.
2. Removal, decommissioning, recycling and disposal of the existing item for which the new measure will substitute and
3. Acquisition and functioning installation of the new measures complete with all accessories and appurtenances required for its intended use and safe operation.

Any shipped or mailed residential measures will have the shipping and handling costs added to the stated incentive amount.

	Residential Program Measures	Low Incentive Level (\$/Measure)	High Incentive Level (\$/Measure)
	ENERGY STAR Air Purifiers	\$20.00	\$100.00
	Air Source Heat Pump (ASHP)	\$75.00	\$4,000.00
	Building Shell	\$0.05/sqft	\$0.40/sqft
	Central AC	\$50.00	\$2,000.00
	Bathroom Vent Fans	\$10.00	\$75.00
	Dehumidifier recycling	\$5.00	\$45.00
	Dirty Filter Alarm	\$0.50	\$10.00
	Dual Fuel Heat Pump (DFHP)	\$50.00	\$1,100.00
	Ductless AC	\$100.00	\$800.00
	Ductless Air Source Heat Pump (ASHP)	\$300.00	\$2,000.00
	Electronically Commutated Motor (ECM)	\$20.00	\$200.00
	ENERGY STAR Dehumidifier	\$15.00	\$100.00
	ENERGY STAR Room ACs	\$20.00	\$100.00
	ENERGY STAR Water Coolers	\$10.00	\$100.00
	Freezers	\$20.00	\$200.00
	Ground Source Heat Pump (GSHP)	\$400.00	\$3,000.00
	Heat Pump Strip Installed	\$25.00	\$135.00
	Heat Pump Strip Reset	\$5.00	\$25.00
	Heat Pump Water Heater	\$100.00	\$750.00
	High Efficiency Faucet Aerator	\$0.50	\$6.00
	High Efficiency Showerhead	\$1.50	\$20.00
	Indoor Coil Cleaning	\$10.00	\$65.00
	LED Nightlight	\$0.15	\$7.00
	Lighting (Standard)	\$0.50	\$5.00
	Specialty Connected LEDs	\$0.50	\$15.00
	Outdoor Coil Cleaning	\$5.00	\$30.00
	Pipe Insulation	\$0.25 per lnft	\$5.00
	ENERGY STAR Pool Pump	\$50.00	\$450.00
	Power Strip	\$10.00	\$30.00
	Refrigerator recycling	\$20.00	\$75.00
	Refrigerant Charge	\$25.00	\$100.00

	Room AC recycling	\$10.00	\$100.00
	Programmable/Smart Thermostat	\$25.00	\$200.00

	Residential Program Measures	Low Incentive Level (\$/Measure)	High Incentive Level (\$/Measure)
	Tune Up	\$30.00	\$150.00
	VFD on Pool Pump	\$50.00	\$500.00
PAYS	Direct Install Measures	\$10.00	\$250.00
New Construction	Energy Star Homes – 1,554 kWh	\$1,000.00	\$2,000.00
New Construction	Energy Star Homes – 3,663 kWh	\$1,500.00	\$2,500.00
New Construction	Zero Energy Zero Homes	\$1,500.00	\$3,000.00
	Packaged Terminal Air Conditioners (PTAC)	\$30.00	\$120.00
	Packaged Terminal Heat Pumps (PTHP)	\$30.00	\$140.00
SFIE/MFIE	Air Sealing	\$0.11 per sqft	Full Cost
SFIE/MFIE	Air Source Heat Pump (ASHP)	\$800.00	Full Cost
SFIE/MFIE	Ceiling Insulation	\$.05 per sqft x ΔR	Full Cost
SFIE/MFIE	Central AC	\$500.00	Full Cost
SFIE/MFIE	Dirty Filter Alarm	\$2.00	Full Cost
SFIE/MFIE	Duct Insulation	\$100.00	Full Cost
SFIE/MFIE	Duct Repair	\$200.00	Full Cost
SFIE/MFIE	Duct Sealing	\$100.00	Full Cost
SFIE/MFIE	Ductless AC	\$200.00	Full Cost
SFIE/MFIE	Electronically Commutated Motor (ECM)	\$100.00	Full Cost
SFIE/MFIE	ENERGY STAR Refrigerator	\$200.00	Full Cost
SFIE/MFIE	ENERGY STAR Room AC	\$150.00	Full Cost
SFIE/MFIE	ENERGY STAR Thru-the-Wall AC	\$150.00	Full Cost
SFIE/MFIE	ENERGY STAR Clothes Washer	\$100.00	Full Cost
SFIE/MFIE	Floor Insulation	\$.05 per sqft	Full Cost
SFIE/MFIE	Heat Pump Water Heater	\$100.00	Full Cost
SFIE/MFIE	Indoor Coil Cleaning	\$50.00	Full Cost
SFIE/MFIE	LED Nightlight	\$0.15	Full Cost
SFIE/MFIE	LED bulb	\$1.00	Full Cost
SFIE/MFIE	High Efficiency Faucet Aerator	\$2.00	Full Cost
SFIE/MFIE	High Efficiency Showerhead	\$20.00	Full Cost
SFIE/MFIE	Outdoor Coil Cleaning	\$25.00	Full Cost
SFIE/MFIE	Packaged Terminal Air Conditioner (PTAC)	\$30.00	Full Cost
SFIE/MFIE	Packaged Terminal Heat Pump (PTHP)	\$30.00	Full Cost
SFIE/MFIE	Pipe Insulation	\$0.25 per lnft	Full Cost
SFIE/MFIE	Programmable Thermostat	\$25.00	Full Cost
SFIE/MFIE	Refrigerator Coil Cleaning Brush	\$0.25	Full Cost
SFIE/MFIE	Refrigerant Charge	\$45.00 per lb	Full Cost
SFIE/MFIE	Shower Start	\$5.00	Full Cost

SFIE/MFIE	Smart Strip	\$5.00	Full Cost
SFIE/MFIE	Smart Thermostat	\$25.00	Full Cost
SFIE/MFIE	Tune Up	\$30.00	Full Cost
SFIE/MFIE	Electric Water Heater Tank Wrap	\$30.00	Full Cost
SFIE/MFIE	Window Film	\$1.00 per sqft	Full Cost
SFIE/MFIE	Window Replacement	\$0.30 per sqft	Full Cost

	Residential Program Measures	Low Incentive Level (\$/1st Yr kWh)	High Incentive Level (\$/1st Yr kWh)
MFMR	Lighting	\$0.05	\$0.30
MFMR	Controls	\$0.05	\$0.30
MFMR	Smart Thermostats	\$0.05	\$0.30
MFMR	Variable Frequency Drives	\$0.05	\$0.30
MFMR	Motors	\$0.05	\$0.30
MFMR	Refrigeration/Freezer	\$0.05	\$0.30
MFMR	Water Heating	\$0.05	\$0.30
MFMR	Cooling	\$0.05	\$0.40
MFMR	Custom	\$0.05	\$0.30
MFMR	HVAC	\$0.05	\$0.50
MFMR	Miscellaneous	\$0.05	\$0.40
MFIE	Lighting	\$0.10	Full Cost
MFIE	Controls	\$0.10	Full Cost
MFIE	Building Shell	\$0.10	Full Cost
MFIE	Smart Thermostats	\$0.10	Full Cost
MFIE	Variable Frequency Drives	\$0.10	Full Cost
MFIE	Motors	\$0.10	Full Cost
MFIE	Refrigeration/Freezer	\$0.10	Full Cost
MFIE	Water Heating	\$0.10	Full Cost
MFIE	HVAC	\$0.10	Full Cost
MFIE	Miscellaneous	\$0.10	Full Cost
MFIE	Custom	\$0.10	Full Cost

**DEMAND RESPONSE PROGRAM
MEASURES**

Residential Demand Response	Enrollment incentive*		Installation incentive*		Annual Participation incentive*	
	Low	High	Low	High	Low	High
Demand Response Advanced Thermostat	\$0	\$200	\$0	\$950	\$0	\$100
Demand Response Water Heater	\$0	\$100	\$0	\$700	\$0	\$100
Demand Response Electric Vehicle	\$0	\$400	\$0	\$2,000	\$0	\$200

*Residential DR incentives may be applied by the program per household or per advanced thermostat. Installation incentive may include both equipment and labor for installation.

Business Demand Response	Incentive \$/kW	
Measure Category	Low	High
kW payment for the average kW savings during all events during a program period	\$0/kW	\$63/kW