



TAKE CHARGE™  
WEST VIRGINIA

# SMALL BUSINESS DIRECT INSTALL PROGRAM

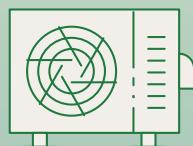
## INCENTIVES

Appalachian Power not only delivers reliable electric service at a reasonable cost but also offers cash incentives to help your small business thrive.

Take advantage of no-cost quick energy efficiency upgrades and generous incentives for larger projects that enhance your space - all while boosting your bottom line!



LIGHTING



HVAC



REFRIGERATION



KITCHEN  
EQUIPMENT

[TakeChargeWV.com](http://TakeChargeWV.com)

All lighting measures must be DLC or ENERGY STAR® certified and must replace an existing incandescent, fluorescent, CFL, or HID lamp or fixture with equivalent lumens. Retrofit kits shall replace all components of the existing fixture except the outer shell.

Lighting	Description	Incentive
Linear Lamp	LED Linear Replacement Lamp: 2 ft	\$5.50 per lamp
	LED Linear Replacement Lamp: 4 ft	\$7.50 per lamp
	LED Linear Replacement Lamp: 8 ft	\$8.25 per lamp
Delamping	Permanent Fixture Removal	\$375 per 1000 watts removed
	Permanent Lamp Removal	
Screw-in Decorative	Screw-in, Decorative Shape SS 50-340 Lumens	\$1.65 per lamp
	Screw-in, Decorative Shape ST 250-1500 Lumens	
	Screw-in, LED Decorative Shapes B, BA, C, CA, DC, F, G, any base, <310 lumens, <40 watts	
Pin-based	LED, Screw-in, LED Pin Based	\$1.65 per kilolumen
Screw-in Directional	LED, Screw-in, LED R20 Short 450-750 Lumens	\$1.65 per lamp
	LED, Screw-in, LED MR16 Shape ≥ 800 Lumens	
Interior Lighting	LED Luminaires: 5,000 - 9,999 Lumens	\$12 per fixture
	LED Luminaires: 10,000 - 19,999 Lumens	\$20 per fixture
	LED Luminaires: 20,000 - 29,999 Lumens	\$40 per fixture
	LED Luminaires: 30,000 - 39,999 Lumens	\$44 per fixture
	LED Luminaires: 40,000 Lumens or above	\$44 per fixture
Exterior Lighting	LED Luminaires: 5,000 Lumens or above	\$80 per fixture
LED Exit Sign	LED Exit Sign	\$32 each
Lighting Controls	Description	Incentive
Controls	Occupancy	\$0.05 per watt controlled
	Daylighting	\$0.06 per watt controlled
	Personal Tuning	\$0.07 per watt controlled
	Institutional Tuning	\$0.08 per watt controlled
	Multiple Types	\$0.09 per watt controlled
LED Refrigeration Display Case Lighting	Freezer Spaces (-35F - 20F)	\$66 per door
	Medium-Temperature Refrigerated Spaces (20F - 40F)	
	High-Temperature Refrigerated Spaces (20F - 40F)	
Kitchen	Description	Incentive
Pre-Rinse Spray Valve <sup>1</sup>	Low Flow Pre-Rinse Spray Valve ≤ 1.6 GPM	\$44 each
Commercial Griddle <sup>2</sup>	Commercial Griddle (Electric)	\$222 each
Commercial Steam Cooker <sup>2</sup>	Commercial Steam Cooker (Electric)	\$2,097 each
Commercial Oven <sup>2</sup>	Electric Commercial Ovens: Combination, Pans < 15	\$1,300 each
	Electric Commercial Ovens: Combination, Pans ≥ 15	\$2,200 each
	Electric Commercial Ovens: Convection, Full Size	\$320 each
	Electric Commercial Ovens: Convection, Half Size	\$30 each
Commercial Fryer <sup>2</sup>	Electric Fryer: Large Vat	\$390 each
	Electric Fryer: Standard Size	
Commercial Hot Food Holding Cabinet <sup>2</sup>	Commercial Hot Food Holding Cabinets: 0 < Volume < 13CF	\$100 each
	Commercial Hot Food Holding Cabinets: 13 ≥ Volume < 28CF	\$450 each
	Commercial Hot Food Holding Cabinets: Volume ≥ 28	\$800 each

1 Must meet GPM requirements and facility must use electric hot water.

2 Must be ENERGY STAR certified and replace an existing unit.

Kitchen (cont.)	Description	Incentive
Commercial Dishwasher <sup>2</sup>	High Temperature Multi Tank Conveyor (Electric Hot Water Only)	\$970 each
	High Temperature Single Tank Conveyor (Electric Hot Water Only)	\$840 each
	High Temperature Stationary Single Tank Door (Electric Hot Water Only)	\$990 each
	High Temperature Under Counter (Electric Hot Water Only)	\$290 each
	Low Temperature Multi Tank Conveyor (Electric Hot Water Only)	\$970 each
	Low Temperature Stationary Single Tank Door (Electric Hot Water Only)	\$660 each
	Low Temperature Under Counter (Electric Hot Water Only)	\$230 each
	Pot, Pan, and Utensil (Electric Hot Water Only)	\$300 each
Refrigeration	Description	Incentive
Glass Door Commercial Freezer	Glass Door Commercial Freezer < 15 cubic feet (AHAM interior volume)	\$19 each
	Glass Door Commercial Freezer 15 - < 30 cubic feet (AHAM interior volume)	\$56 each
	Glass Door Commercial Freezer 30 - < 50 cubic feet (AHAM interior volume)	\$89 each
	Glass Door Commercial Freezer 50 - 90 cubic feet (AHAM interior volume)	\$50 each
Solid Door Commercial Freezer	Solid Door Commercial Freezer < 15 cubic feet (AHAM interior volume)	\$27 each
	Solid Door Commercial Freezer 15 - < 30 cubic feet (AHAM interior volume)	\$57 each
	Solid Door Commercial Freezer 30 - < 50 cubic feet (AHAM interior volume)	\$119 each
	Solid Door Commercial Freezer 50 - 90 cubic feet (AHAM interior volume)	\$196 each
Auto-Closer	Walk-in Cooler	\$122 each
	Walk-in Freezer	\$331 each
Door Gasket	Walk-in Cooler	\$32 per door
	Walk-in Freezer	\$45 per door
ECM Motor Retrofit	Cooler <0.0667 HP [<1/15 HP]	\$175 per motor
	Cooler >0.0667 HP [>1/15 HP]	\$300 per motor
	Freezer <0.0667 HP [<1/15 HP]	\$220 per motor
	Freezer >0.0667 HP [>1/15 HP]	\$300 per motor
Controls	Evaporator Fan Motor Control Walk-in or Reach-in Cooler	\$600 per total HP controlled
	Evaporator Fan Motor Control Walk-in or Reach-in Freezer	\$750 per total HP controlled
	Floating Head Pressure Controls	\$170 per ton
	Anti-sweat Heater Controls: Cooler	\$68 per door
	Anti-sweat Heater Controls: Freezer	\$68 per door
Compressor	Variable Speed Refrigeration Compressor	\$85 per ton
Night Cover <sup>3</sup>	Night Covers for Vertical Refrigerated Cases	\$3.50 per linear foot
Refrigeration Display Case Doors	Refrigeration Display Case Doors on Open Display Cases	\$67 per linear foot
Hot Water	Description	Incentive
Water Heater	ENERGY STAR Heat Pump Electric Storage Water Heater > 55 Gallons	\$144 each
	ENERGY STAR Heat Pump Electric Storage Water Heater ≤ 55 Gallons	\$130 each
Water Heater Setback	Water Heater Setback - Electric Only	\$5 each
Low Flow Showerhead <sup>4</sup>	Low Flow Showerhead 1.5 gpm	\$12 each
Insulation <sup>5</sup>	Description	Incentive
Outlet Gaskets	Install Insulation Gaskets on Switch and Outlet Plates on Exterior Walls	\$5 per gasket
Caulking Penetrations	Window/Door Caulking/Weatherstripping - AC with Electric Resistance Heat	\$5 per linear foot
	Window/Door Caulking/Weatherstripping - Heat Pump	\$1.65 per linear foot
	Window/Door Caulking/Weatherstripping - AC with Fossil Fuel Furnace/Boiler	\$0.64 per linear foot
Pipe Insulation	Insulate Exposed Water Heater Pipes	\$1.45 per linear foot

<sup>3</sup> Must be installed on a unit with no existing night cover.

<sup>4</sup> Showerheads must be WaterSense certified.

<sup>5</sup> Building must be heated with electric heat to qualify.

HVAC <sup>6</sup>	Description	Minimum Requirements	Incentive
Air Conditioners	Split and Single Package $\leq$ 5.4 tons	$\geq$ 17.5 SEER or 16.7 SEER2	\$28 per ton
	Split and Single Package $>$ 5.4 and $\leq$ 11.25 tons	$\geq$ 17 IEER	\$28 per ton
	Split and Single Package $>$ 11.25 and $\leq$ 20 tons	$\geq$ 16 IEER	\$19 per ton
	Single Package Vertical Air Conditioners (SPVAC) $\leq$ 5.4 tons	$\geq$ 13 EER	\$33 per ton
	Single Package Vertical Air Conditioners (SPVAC) $>$ 5.4 and $\leq$ 11.25 tons	$\geq$ 13 EER	\$33 per ton
	Packaged Terminal Air Conditioners	$\geq$ 13 EER	\$61 per ton
Heat Pumps	Air Source Heat Pumps - Split and Single Package $\leq$ 5.4 tons	$\geq$ 17.5 SEER or 16.7 SEER2 & $\geq$ 9.2 HSPF or 7.9 HSPF2	\$29 per ton
	Air Source Heat Pumps - Split and Single Package $>$ 5.4 and $\leq$ 11.25 tons	$\geq$ 17.0 IEER & $\geq$ 3.6 COP	\$38 per ton
	Air Source Heat Pumps - Split and Single Package $>$ 11.25 and $\leq$ 20 tons	$\geq$ 16.0 IEER & $\geq$ 3.4 COP	\$38 per ton
	Air Source Heat Pumps - Split and Single Package $>$ 20 tons	$\geq$ 15.0 IEER & $\geq$ 3.4 COP	\$46 per ton
	Packaged Terminal Heat Pumps	$\geq$ 13.0 IEER & $\geq$ 3.3 COP	\$80 per ton
	Single Package Vertical Heat Pumps (SPVHP) $\leq$ 5.4 tons	$\geq$ 13.0 IEER & $\geq$ 3.3 COP	\$39 per ton
	Single Package Vertical Heat Pumps (SPVHP) $>$ 5.4 and $\leq$ 11.25 tons	$\geq$ 13.0 IEER & $\geq$ 3.3 COP	\$39 per ton
	Ductless, Mini Split Heat Pumps $\leq$ 5.4 tons (Single Zone)	$\geq$ 17.5 SEER or 16.7 SEER2 & $\geq$ 9.2 HSPF or 7.9 HSPF2	\$29 per ton
HVAC Controls	Description	Incentive	
Economizer <sup>7</sup>	Dual Enthalpy Economizer	\$0.15 per sq ft conditioned area	
Smart Thermostat <sup>8</sup>	AC and Electric Resistance Heat	\$160 each	
	AC and Heat Pump	\$130 each	
	AC and Gas Heat	\$80 each	
HVAC Misc.	Description	Incentive	
Fan Belts	Notched Belt for HVAC	\$2 each	
	Synchronous Belt for HVAC	\$20 each	
Tune-up <sup>9</sup>	HVAC Tune-up (Condenser Cleaning, Evaporator Cleaning, Refrig. Charge Off $\geq$ 20%)	\$8 per ton	
	HVAC Tune-up (Condenser Cleaning, Evaporator Cleaning, Refrig. Charge Off $>$ 20%)	\$10 per ton	
Misc.	Description	Incentive	
Appliances and Plug Load	ENERGY STAR Computers	\$20 each	
	Small Network PC Controller	\$12 per controlled PC	
	Advanced Power Strip Tier 1	\$10 each	
	Advanced Power Strip Tier 2	\$15 each	
	Commercial Ice Machine 0-100 lbs/day	\$32 each	
	Commercial Ice Machine 101-250 lbs/day	\$71 each	
	Commercial Ice Machine 251-500 lbs/day	\$142 each	
	Commercial Ice Machine 501-1000 lbs/day	\$222 each	
	Vending Machine Control - Glass Front Refrigerated Cooler <sup>10</sup>	\$200 each	
	Vending Machine Control - Refrigerated <sup>10</sup>	\$267 each	
	Vending Machine Control - Non Refrigerated <sup>10</sup>	\$56 each	

6 All HVAC equipment must meet or exceed ASHRAE 90.1 - 2013 requirements. AHRI certificate and specification sheets must be provided for all new HVAC equipment.

7 HVAC systems with existing economizers are not eligible.

8 Thermostat shall be an ENERGY STAR certified smart thermostat.

9 Tune-Up projects require completion of the program Tune-Up checklist.

10 Must be installed on an existing standard refrigerated beverage vending machine that does not contain control systems to shut down the refrigeration components and lighting during times of low customer use. This measure can not be applied to ENERGY STAR® qualified vending machines, as they already have built-in controls.