

## Potomac Edison Energy Solutions for Business HVAC Incentives

Air Conditioners					
Equipment	Size	Heating Section Type	Minimum Efficiency Requirements	Incentive Rate	
Air Cooled, split and package units	≥20 to <63.3 Tons	Electric Resistance or None	13.8 IEER	\$350	Per Ton
		All other	13.6 IEER		
	≥63.3 Tons	Electric Resistance or None	12.8 IEER		
		All other	12.6 IEER		
Water-cooled	<5.4 tons	Electric Resistance or None	13.3 SEER2 and 12.1 EER2	\$350	
		All other	13.1 SEER2 and 11.9 EER2		
	≥5.4 to <11.25 Tons	Electric Resistance or None	12.1 EER and 14.8 IEER		
		All other	11.9 EER and 14.6 IEER		
	≥11.25 to <20 Tons	Electric Resistance or None	12.5 EER and 14.8 IEER	\$300	
		All other	12.3 EER and 14.6 IEER		
	≥20 to <63.3 Tons	Electric Resistance or None	12.4 EER and 14 IEER		
		All other	12.2 EER and 13.8 IEER		
≥63.3 Tons	Electric Resistance or None	12.2 EER and 14 IEER			
	All other	12 EER and 13.8 IEER			
Evaporatively Cooled	<5.4 tons	All	16 SEER	\$250	
	≥5.4 to <11.25 Tons	Electric Resistance or None	12.71 EER and 12.92 IEER		
		All other	12.5 EER and 12.71 IEER		
	≥11.25 to <20 Tons	Electric Resistance or None	12.6 EER and 12.81 IEER		
		All other	12.39 EER and 12.6 IEER		
	≥20 to <63.3 Tons	Electric Resistance or None	12.5 EER and 12.71 IEER		
		All other	12.29 EER and 12.5 IEER		
	≥63.3 Tons	Electric Resistance or None	12.29 EER and 12.5 IEER		
All other		12.08 EER and 12.29 IEER			

## Heat Pumps –Water and Ground Source

Equipment		Size	Heating Section Type	Minimum Efficiency Requirements				Incentive Rate	
				Tier 1		Tier 2			
				EER	COP	EER	COP		
Water Source	Water to Air	< 1.42 tons	All	13.2	4.7	N/A	N/A	\$400	Per Ton
	Water to Air	1.42 tons to <11.25 tons	All	14	4.7	N/A	N/A		
	Water to Water: Water Loop	<11.25 tons	All	11.6	4	N/A	N/A		
Ground Source	Brine to Air	<11.25 tons	All	15.5	3.4	16.2	3.5	Tier 1: \$450	Per Ton
	Brine to Water	<11.25 tons	All	13.3	2.6	13.9	2.8	Tier 2: \$500	
Ground Water Source	Water to Air	<11.25 tons	All	19.8	3.9	20.7	4.1	Tier 1: \$450	Per Ton
	Water to Water	<11.25 tons	All	17.9	3.3	18.7	3.4	Tier 2: \$500	

## Chillers

**Eligible equipment are air- and water-cooled chillers used in single-chiller HVAC applications. Chillers installed in multiple chiller systems and chillers serving a non-HVAC load greater than 25% of chiller capacity are not eligible in the prescriptive program, but customers using these systems may apply through the custom program.**

Equipment Type	Size Category	Path A* Minimum Efficiency Requirements		Path B* Minimum Efficiency Requirements		Units	Incentive Rate
		Full Load	IPLV	Full Load	IPLV		
Air Cooled Chillers	<150 Tons	10.1	14	9.7	16	EER	\$250/Ton
	≥150 Tons	10.1	14.2	9.7	16.3	EER	
Water Cooled, Electrically Operated, Positive Displacement	<75 Tons	0.75	0.56	0.78	0.48	kW/ton	\$200/Ton
	≥75 to <150 tons	0.72	0.54	0.75	0.47	kW/ton	
	≥150 to <300 tons	0.66	0.52	0.68	0.42	kW/ton	
	≥300 to <600 tons	0.61	0.5	0.625	0.39	kW/ton	
	≥600 tons	0.56	0.48	0.585	0.36	kW/ton	
Water Cooled, Electrically Operated, Centrifugal	<150 Tons	0.61	0.53	0.695	0.42	kW/ton	\$200/Ton
	≥150 to <300 tons	0.61	0.53	0.635	0.38	kW/ton	
	≥300 to <400 tons	0.56	0.5	0.595	0.37	kW/ton	
	≥400 to <600 tons	0.56	0.48	0.585	0.36	kW/ton	
	≥600 tons	0.56	0.48	0.585	0.36	kW/ton	

\*Path A is intended for chillers where significant operating time is expected at full-load conditions. Path B is intended for applications where significant time is expected at part load. Compliance can be obtained by meeting the minimum requirements of Path A or B. However, both the full load and IPLV must be met to fulfill the requirements of Path A or B.

## Variable Frequency Drives

**Purchase and installation of a new VFD for an existing motor driving HVAC fans and pumps. Note: The following HVAC VFD applications are not eligible to use for this Prescriptive application: replacement of a failed VFD; VFD used solely for balancing a constant flow; control of existing 2- speed cooling tower fan; 2-speed control of a fan or pump; mitigation of oversized motor installation. VFD applications that are not eligible under this Prescriptive application may apply through the custom program. VFDs must be controlled by an automatic signal in response to varying air or water flow. Controlled motors must operate a minimum of 2,000 hours per year.**

Motor Size	Incentive Rate	
2 hp	\$500	Per unit
3 hp	\$600	Per unit
4 hp	\$700	Per unit
5 hp	\$800	Per unit
7.5 hp	\$900	Per unit
10 hp	\$1,100	Per unit
15 hp	\$1,350	Per unit
20 hp	\$1,500	Per unit
25 hp	\$1,600	Per unit
30 hp	\$1,800	Per unit
40 hp	\$2,000	Per unit
50 hp	\$2,500	Per unit
60 hp	\$3,000	Per unit
75 hp	\$3,750	Per unit
100 hp	\$5,000	Per unit
>100 to <200 hp	\$50	Per HP

### Other

SMART Thermostat	The purchase and installation of a smart thermostat that has earned ENERGY STAR certification and/or meets the requirements as outlined in applicable Mid-Atlantic/MD TRM. Installed on equipment up to 25 Tons.	\$100	Per Unit
Room Air Conditioner	Purchase and installation of new unit meeting ENERGY STAR standard.	\$25	Per Unit
ECM Circulating Fan	Replacement of an existing standard efficiency shaded-pole evaporator (SP) or permanent split capacitor (PSC) circulator fan motor in an air handling unit. Replacement must be an electronically commutated motor (ECM). This measure applies to motors of 1 hp or less and does not apply to new construction or replace-on-burnout vintages.	\$50	Per Motor
ECM Circulator Pump	New installation or replacement of single-speed induction motor circulator pumps with electronically commutated motor (ECM) circulator pumps used to circulate water for space heating or domestic hot water.	\$50	Per Motor

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