

## Potomac Edison Energy Solutions for Business HVAC Incentives

Retrofit project incentives are capped at the calculated project incentive or up to 50 percent of the total project costs (including labor).

Air Conditioners								
Equipment	Size	Heating Section Type	Minimum Efficiency Requirements	Incentive Rate				
Air Cooled, split and package units	<5.4 tons	All	16 SEER	\$250	Per Ton			
	≥5.4 to <11.25 Tons	Electric Resistance or None	11.76 EER and 13.44 IEER					
		All other	11.55 EER and 13.23 IEER					
	≥11.25 to <20 Tons	Electric Resistance or None	11.55 EER and 13.02 IEER					
		All other	11.34 EER and 12.81 IEER					
	≥20 to <63.3 Tons	Electric Resistance or None	10.5 EER and 12.18 IEER					
		All other	10.29 EER and 11.97 IEER					
	≥63.3 Tons	Electric Resistance or None	10.19 EER and 11.76 IEER					
		All other	9.98 EER and 11.55 IEER					
	Water-cooled	<5.4 tons	All			16 SEER	\$250	Per Ton
		≥5.4 to <11.25 Tons	Electric Resistance or None			12.71 EER and 14.6 IEER		
			All other			12.5 EER and 14.39 IEER		
≥11.25 to <20 Tons		Electric Resistance or None	13.12 EER and 14.6 IEER					
		All other	12.92 EER and 14.39 IEER					
≥20 to <63.3 Tons		Electric Resistance or None	13.02 EER and 14.28 IEER					
		All other	12.81 EER and 14.07 IEER					
≥63.3 Tons		Electric Resistance or None	12.81 EER and 14.18 IEER					
		All other	12.6 EER and 13.97 IEER					

Evaporatively Cooled	<5.4 tons	All	16 SEER	\$250	Per Ton
	≥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 – Air Source

Equipment	Size	Heating Section Type	Minimum Efficiency Requirements	Incentive Rate	
Air Source	<5.4 tons	All	16 SEER and 9 HSPF (split), 16 SEER and 8.2 HSPF (single package)	\$250	Per Ton

### 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	12.81	4.52	N/A	N/A	\$250	Per Ton
	Water to Air	1.42 tons to <11.25 tons	All	13.65	4.52	N/A	N/A		
	Water to Water: Water Loop	<11.25 tons	All	11.13	3.88	N/A	N/A		
Ground Source	Brine to Air	<11.25 tons	All	14.81	3.36	15.51	3.52	Tier 1: \$300 Tier 2: \$350	Per Ton
	Brine to Water	<11.25 tons	All	12.71	2.63	13.31	2.75		
Ground Water Source	Water to Air	<11.25 tons	All	18.9	3.89	19.8	4.07		
	Water to Water	<11.25 tons	All	17.12	3.26	17.93	3.41		

### Ductless, Mini Split Heat Pumps

Equipment	Size	Minimum Efficiency Requirements	Incentive Rate	
Ductless, Mini Split Heat Pumps	<5.4 tons	SEER ≥ 20, EER ≥ 13, HSPF ≥ 10. Must be Energy Star qualified.	\$150	Per Ton

### Packaged Terminal Air Conditioners (PTAC)

Project Type	Size Category	Rating Condition	Minimum Efficiency Requirements	Incentive Rate	
New Construction (Standard size)	<3/4 tons	95°F db outdoor air	14.0 - (0.300 x Capacity / 1000) x EER x 1.075	\$75	Per Unit
	≥3/4 to <1 tons	95°F db outdoor air	14.0 - (0.300 x Capacity / 1000) x EER x 1.075	\$100	Per Unit
	≥1 tons	95°F db outdoor air	14.0 - (0.300 x Capacity / 1000) x EER x 1.075	\$125	Per Unit
Replacements (Non-Standard Size)	<3/4 tons	95°F db outdoor air	10.9 - (0.213 x Capacity / 1000) x EER x 1.075	\$75	Per Unit
	≥3/4 to <1 tons	95°F db outdoor air	10.9 - (0.213 x Capacity / 1000) x EER x 1.075	\$100	Per Unit
	≥1 tons	95°F db outdoor air	10.9 - (0.213 x Capacity / 1000) x EER x 1.075	\$125	Per Unit

### Packaged Terminal Heat Pump (PTHP)

Project Type	Size Category	Rating Condition	Minimum Efficiency Requirements <small>Note: For units with gas heating, subtract 0.2 from calculated min. efficiency requirements</small>	Incentive Rate	
New Construction (Standard size)	<3/4 tons	95°F db outdoor air (cooling mode)	Cooling Mode: 14.0 - (0.300 x Capacity / 1000) x EER x 1.075 Heating Mode: 3.2 - (0.026 x Capacity / 1000) x COP x 1.075	\$75	Per Unit
	≥3/4 to <1 tons	95°F db outdoor air (cooling mode)	Cooling Mode: 14.0 - (0.300 x Capacity / 1000) x EER x 1.075 Heating Mode: 3.2 - (0.026 x Capacity / 1000) x COP x 1.075	\$100	Per Unit
	≥1 tons	95°F db outdoor air (cooling mode)	Cooling Mode: 14.0 - (0.300 x Capacity / 1000) x EER x 1.075 Heating Mode: 3.2 - (0.026 x Capacity / 1000) x COP x 1.075	\$125	Per Unit
Replacements (Non-Standard Size)	<3/4 tons	95°F db outdoor air (cooling mode)	Cooling Mode: 10.8 - (0.213 x Capacity / 1000) x EER x 1.075 Heating Mode: 2.9 - (0.026 x Capacity / 1000) x COP x 1.075	\$75	Per Unit
	≥3/4 to <1 tons	95°F db outdoor air (cooling mode)	Cooling Mode: 10.8 - (0.213 x Capacity / 1000) x EER x 1.075 Heating Mode: 2.9 - (0.026 x Capacity / 1000) x COP x 1.075	\$100	Per Unit
	≥1 tons	95°F db outdoor air (cooling mode)	Cooling Mode: 10.8 - (0.213 x Capacity / 1000) x EER x 1.075 Heating Mode: 2.9 - (0.026 x Capacity / 1000) x COP x 1.075	\$125	Per Unit

## Chillers

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	10.61	14.39	10.19	16.59	EER	<b>Base:</b> \$30 per Ton <b>Performance:</b> \$10 per Ton for each 0.1 EER point above or for each 0.01 kW below minimum efficiency Full Load or Integrated Part Load Value (IPLV).
	≥150 Tons	10.61	14.70	10.19	16.91	EER	
Water Cooled, Electrically Operated, Positive Displacement	<75 Tons	0.71	0.57	0.74	0.48	kW/ton	
	≥75 to <150 tons	0.68	0.53	0.71	0.47	kW/ton	
	≥150 to <300 tons	0.63	0.51	0.65	0.42	kW/ton	
	≥300 to <600 tons	0.58	0.49	0.59	0.39	kW/ton	
	≥600 tons	0.53	0.48	0.56	0.36	kW/ton	
Water Cooled, Electrically Operated, Centrifugal	<150 Tons	0.58	0.52	0.66	0.42	kW/ton	
	≥150 to <300 tons	0.58	0.52	0.60	0.38	kW/ton	
	≥300 to <400 tons	0.53	0.49	0.57	0.37	kW/ton	
	≥400 to <600 tons	0.53	0.48	0.56	0.36	kW/ton	
	≥600 tons	0.53	0.48	0.56	0.36	kW/ton	

## Variable Frequency Drives

**Purchase and installation of a new VFD for an existing motor driving fans, pumps, and other suitable applications. VFD retrofits are not eligible.**

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
<b>Other</b>			
	Dual Enthalpy Economizer Controls - Retrofit Only	\$250	Per Controller
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

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