



BE A SAVINGS CHAMPION WITH HVAC REBATES

Inefficient HVAC systems lead to high energy bills year round. DP&L's rebates for HVAC system replacements and specific component upgrades can reduce maintenance costs, lower electricity bills, and **boost your company's bottom line.**

DID YOU KNOW?



- A 15-year-old HVAC system can use up to 20% more electricity than a newer model, and is costlier to maintain.
- In commercial facilities, chillers typically consume more electricity than any other single energy-consuming device. Thus, inefficient chillers can be costly.
- Thermal storage systems can offer big cost savings by using electricity to produce chilled water or ice in off peak hours, for use in cooling during peak hours.
- Selecting the right size system is important; an undersized unit won't provide efficient cooling, but an oversized unit will lead to a higher purchase price, higher maintenance costs, and higher operating costs.

Packaged Terminal Air Conditioning and Heat Pumps

- PTAC must have an efficiency rating of greater than:
14.0 - (0.300 x (BTUH/1,000)) EER
- PTHP must have an efficiency rating of greater than both:
14.0 - (0.300 x (BTUH/1,000)) EER and
3.7 - (0.052 x (BTUH/1,000)) COP

Measure	Rebate
Any size	\$50

Unitary and Split System Air Conditioning

Measure	Rebate	Minimum Efficiency
< 65,000 BTUH	\$200/unit	14.0 SEER
< 65,000 BTUH	\$600/unit	≥ 16.0 SEER
65,000 - 135,000 BTUH	\$40/ton	11.0 EER
136,000 - 240,000 BTUH	\$40/ton	10.8 EER
241,000 - 760,000 BTUH	\$40/ton	9.8 EER
> 760,000 BTUH	\$40/ton	9.5 EER

Water Source Heat Pumps

Measure	Rebate	Minimum Efficiency
< 240,000 BTUH @ 85°F	\$40/ton	14.0 EER

Air Source Heat Pumps

Measure	Rebate	Minimum Efficiency	
		Cooling	Heating
< 65,000 BTUH	\$400/unit	15.0 SEER	7.7 HSPF
< 65,000 BTUH	\$600/unit	≥ 16.0 SEER	7.7 HSPF
65,000 - 135,000 BTUH	\$40/ton	10.8 EER	2.25 COP
136,000 - 240,000 BTUH	\$40/ton	10.4 EER	2.05 COP
> 240,000 BTUH	\$40/ton	9.3 EER	2.05 COP

Variable Refrigerant Flow Systems

Measure	Rebate	Minimum Efficiency
< 65,000 BTUH	\$400/unit	15.2 SEER
65,000 - 135,000 BTUH	\$50/ton	11.9 EER/12.7 IEER
136,000 - 240,000 BTUH	\$50/ton	11.4 EER/12.5 IEER
> 240,000 BTUH	\$50/ton	10.2 EER/11.8 IEER

Ground Water-Source Heat Pumps (Open Loop)

Measure	Rebate	Minimum Efficiency	
		Cooling	Heating
< 135,000 BTUH @ 59°F Entering water	\$80/ton	16.2 EER	3.6 COP

Ground-Coupled Heat Pumps (Closed Loop)

Measure	Rebate	Minimum Efficiency	
		Cooling	Heating
< 135,000 BTUH @ 77°F Entering water	\$80/ton	14.1 EER	3.1 COP

Air Cooled Chillers

Measure	Rebate	Minimum Efficiency
< 150 ton	\$60/ton	9.562 EER/12.5 IPLV
≥ 150 tons	\$40/ton	9.562 EER/12.75 IPLV

Water Cooled Chillers

Measure	Rebate	Minimum Efficiency
< 150 ton	\$40/ton	.634 KW/ton full load .596 KW/ton IPLV
150 - 300 ton	\$40/ton	.634 KW/ton full load .596 KW/ton IPLV
> 300 ton	\$40/ton	.576 KW/ton full load .549 KW/ton IPLV

- Only single chiller systems are eligible. Multiple chiller projects and chillers equipped with VFDs may receive rebates through the Custom Program.
- The efficiency of the air cooled chiller or water cooled chiller must be based on ASHRAE 90.1-2010 chiller efficiency standards. A manufacturer's specification sheet with the rated KW/ton full load and IPLV at ARI standards must accompany the application.

Other

Measure	Rebate	Efficiency
Variable frequency drives up to 250 HP	\$40/HP	
Outside air economizer using two enthalpy sensors	\$250	
Energy recovery ventilation (ERV) with a minimum of 450 CFM	\$1/CFM	ARI 1060 rating > 65% winter
HVAC occupancy sensor	\$30	
Window film	\$2 per sq ft	Solar heat gain coefficient of .40 or less
Thermal storage unit	\$100/KW shifted	
Air source	\$1,000	4.0 Heating COP

- VFDs are for use with supply fans, return fans, exhaust fans, water pumps and cooling tower pumps only.
- VFD rebates are based on the HP of the motor being controlled.
- VFD project installation must result in energy savings.
- Air economizers must be installed on CEE Tier 1 or higher efficiency units.
- Window film rebates are applicable for windows facing south, east or west (north-facing windows do not qualify). Installation must result in energy savings on a cooling system powered by electricity.

More Information

Rebate measures and values for the 2017 program are for equipment and services purchased and installed on or after January 1, 2017. For more information and an up-to-date list of eligible projects and complete terms and conditions, visit dpandl.com/save or contact us at EnergyEfficiency@dplinc.com.

Eligible products and rebate values are subject to change and apply only to new equipment. All DP&L energy programs are subject to Public Utilities Commission of Ohio rules and regulations.