

Technical Sheet

Small Business Program - HVAC Equipment

Effective: May 6, 2024

The Delmarva Power Energy Savings for Business program offers incentives to install energy efficient HVAC equipment. To take advantage of these incentives, you must meet the following eligibility requirements:

- 1. Be a Delmarva Power customer and business in the Maryland territory.
- 2. Have an electrical demand less than or equal to 100 kW over the last 12 months with annual kWh of less than 875,000.1
- 3. Have an existing facility, as new construction is not eligible for this program.
- 4. Not be a temporary account, a cellular phone or microwave transmission tower account, or a vacant facility. These may be eligible for New Construction or other programs.

If a single customer has multiple accounts in the same facility and one account has less than or equal to 100 kW demand over the previous 12 months, the equipment serviced through that account is eligible for Small Business program incentives; equipment serviced by accounts with demand greater than 100 kW are not eligible for Small Business program incentives.

All projects require pre-approval.

You can also contact your installation contractor or equipment vendor to discuss energy efficient equipment options. If you do not have a contractor or vendor in mind, please visit our website for a list of Service Providers.

Additional Terms and Conditions apply. Contact our team for more information.

 1 Accounts with annual kWh usage \geq 400,000 but < 875,000 kWh will require further review from the Program, even if the accounts meet the kW program requirements.

In addition, incentives greater than \$30,000 or kWh savings greater than 45,000 for one or a combination of projects, completed within the last three years, will receive additional review and will require explanation from customer and/or Service Provider.

Unitary HVAC Equipment – Application Center Equipment Guide					
Product Type	Category				
	Air Conditioning Only				
Air Conditioners	Residential AC Installed in Commercial Setting (Window Unit)				
	Water-Cooled Air Conditioning				
	Ductless Mini Split Air Conditioner				
Coathormal Heat Dumos	Ground Source Heat Pump				
Geothermal Heat Pumps	Ground Water Source Heat Pump				
	Air Source Heat Pumps				
Heat Pumps	Air-Cooled Variable Refrigerant Flow Heat Pumps				
Heat Fullips	Ductless Mini Split Heat Pumps				
	Water Source Heat Pump				
Daskaged Terminal Equipment	Packaged Terminal Air Conditioner				
Packaged Terminal Equipment	Packaged Terminal Heat Pump				

Please Note:

- 1. The incentive will be based upon actual tons calculated by dividing the rated Btu/hour shown on the specifications by 12,000.
- 2. Measures in the following (**) categories are eligible for an additional \$200/unit incentive when a Dual Enthalpy (DE) Economizer is installed on a new HVAC unit meeting the minimum requirements: Air Conditioning, Air Source Heat Pumps, and Water-Cooled Air Conditioners.



Unitary HVAC Measures and Incentives							
	Cooling	Capacity	Minii	mum Requirem	nents		Dual Enthalpy
Unit	Btu/h	Tons	SEER2/IEER	EER	SPF2/COP _H	Incentive	Economizer (Per Unit)
	Residential	Air Conditioners I	nstalled in Comm	nercial Setting	(Window Unit)		
Single Package	N/A	N/A		ENER	GY STAR	\$25/unit	N/A
	Air (Conditioning Only	** (Units with Ele	ctric Heat or N	o Heat)		
Split System or Single Package	<65,000, 3 phase	<5.4	15.2	N/A	N/A	\$460/ton	\$200
Split System or Single Package	≥65,000 and <135,000	≥5.4 and <11.25	15.5	N/A	N/A	\$460/ton	\$200
Split System or Single Package	≥135,000 and <240,000	≥11.25 and <20	15.0	N/A	N/A	\$460/ton	\$200
Split System or Single Package	≥240,000 and <360,000	≥20 and <30	13.8	N/A	N/A	\$460/ton	\$200
		Air Conditioning l	Units Only** (Uni	ts with Gas Hea	at)		
Split System or Single Package	<65,000, 3 phase	<5.4	15.2	N/A	N/A	\$460/ton	\$200
Split System or Single Package	≥65,000 and <135,000	≥5.4 and <11.25	15.3	N/A	N/A	\$460/ton	\$200
Split System or Single Package	≥135,000 and <240,000	≥11.25 and <20	14.8	N/A	N/A	\$460/ton	\$200
Split System or Single Package	≥240,000 and <360,000	≥20 and <30	13.6	N/A	N/A	\$460/ton	\$200
	Air S	ource Heat Pumps	s** (Units with Ele	ectric Heat or N	lo Heat)		
Split System	<65,000, 3 phase	<5.4	15.2	N/A	7.7	\$350/ton	\$200
Single Package	<65,000, 3 phase	<5.4	15.2	N/A	7.0	\$350/ton	\$200
Split System or Single Package	≥65,000 and <135,000	≥5.4 and <11.25	14.8	N/A	3.5	\$350/ton	\$200
Split System or Single Package	≥135,000 and <240,000	≥11.25 and <20	14.1	N/A	3.4	\$350/ton	\$200
Split System or Single Package	≥240,000	≥20	13.0	N/A	3.3	\$350/ton	\$200
		Air Source Heat	t Pumps** (Units	with Gas Heat)			
Split System	<65,000	<5.4	15.2	N/A	7.7	\$460/ton	\$200
Single Package	<65,000	<5.4	15.2	N/A	7.0	\$460/ton	\$200
Split System or Single Package	≥65,000 and <135,000	≥5.4 and <11.25	14.6	N/A	3.5	\$460/ton	\$200
Split System or Single Package	≥135,000 and <240,000	≥11.25 and <20	13.9	N/A	3.4	\$460/ton	\$200
Split System or Single Package	≥240,000	≥20	12.8	N/A	3.3	\$460/ton	\$200



Unit	Cooling	Capacity	Mini	mum Requirem		Dual Enthalpy			
Offic	Btu/h	Tons	SEER2/IEER	EER	SPF2/COP _H	Incentive	Economizer (Per Unit)		
Water-Cooled Air Conditioners** (Units with Electric Heat or No Heat)									
Split System or Single Package	<65,000	<5.4	13.3	12.1	N/A	\$460/ton	\$200		
Split System or Single Package	≥65,000 and <135,000	≥5.4 and <11.25	14.8	12.1	N/A	\$460/ton	\$200		
Split System or Single Package	≥135,000 and <240,000	≥11.25 and <20	14.8	12.5	N/A	\$345/ton	\$200		
Split System or Single Package	≥240,000 and <360,000	≥20 and <30	14.0	12.4	N/A	\$345/ton	\$200		
	1	Water-Cooled Air C	ionditioners** (U	nits with Gas H	eat)				
Split System or Single Package	<65,000	<5.4	13.1	11.9	N/A	\$460/ton	\$200		
Split System or Single Package	≥65,000 and <135,000	≥5.4 and <11.25	14.6	11.9	N/A	\$460/ton	\$200		
Split System or Single Package	≥135,000 and <240,000	≥11.25 and <20	14.6	12.3	N/A	\$345/ton	\$200		
Split System or Single Package	≥240,000 and <360,000	≥20 and <30	13.8	12.2	N/A	\$345/ton	\$200		
		Packaged T	erminal Air Cond	ditioners***					
Single Package	<7,000	<0.58	N/A	12.9	N/A	\$140/unit	N/A		
Single Package	≥7,000 and ≤15,000	≥0.58 and ≤1.25	N/A	12.4	N/A	\$185/unit	N/A		
Single Package	>15,000	>1.25	N/A	10.5	N/A	\$230/unit	N/A		

^{*}Note that the incentive will be based upon actual tons calculated by dividing the rated Btu/hour shown on the specifications by 12,000.

^{***}For replacement of standard size systems

Packaged Terminal Heat Pumps								
Single Package	<7,000	<0.58	N/A	12.9	3.6	\$140/unit	N/A	
Single Package	≥7,000 and ≤15,000	≥0.58 and ≤1.25	N/A	12.4	3.5	\$185/unit	N/A	
Single Package	>15,000	>1.25	N/A	10.5	3.1	\$230/unit	N/A	
		Ductless, Mini-Spli	t Air Conditioner	s and Heat Pun	ıps			
AC Split System	<65,000	<5.4	15.2	N/A	N/A	\$460/ton	N/A	
HP Split System	<65,000	<5.4	15.2	N/A	7.4	\$460/ton	N/A	

Geothermal Measures and Incentives

Qualifying equipment must meet or exceed the minimum EER/COP outlined in the table below.

		Program Minimum and Incentives						
Unit Capacity (Btu/h)			Tier I		Tier II			
		EER	COP	Incentive	EER	COP	Incentive	
Water Source Heat Pumps								
Water to Air	<17,000	13.2	4.7	\$230/ton	N/A	N/A	N/A	
Water to Air	≥17,000 and <135,000	14	4.7	\$230/ton	N/A	N/A	N/A	
Water to Water	≥17,000 and <135,000	11.6	4	\$230/ton	N/A	N/A	N/A	

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^{**}Measures in the following categories are eligible for an additional \$200/unit incentive when a Dual Enthalpy (DE) Economizer is installed on a new HVAC unit meeting the minimum requirements: Air Conditioning, Air Source Heat Pumps, and Water-Cooled Air Conditioners.

Ground Source Heat Pumps								
Brine to Air	<135,000	15.5	3.4	\$690/ton	16.2	3.5	\$690/ton	
Brine to Water	<135,000	13.3	2.6	\$690/ton	13.9	2.8	\$690/ton	
	Ground Water Source Heat Pumps							
Water to Air	<135,000	19.8	3.9	\$690/ton	20.7	4.1	\$690/ton	
Water to Water	<135,000	17.9	3.3	\$690/ton	18.7	3.4	\$690/ton	

VFD Instructions

1. If submitting an application for a Standard measure, enter data requested on the online VFD or EC motor application. Annual savings will be automatically calculated.

If submitting an application for any Custom measure, enter data requested on the online Custom application. For these measures, the user is required to calculate annual savings and enter those data into the online application. All calculations and methodology supporting the annual kWh and kW savings must be provided.

VFD Application Center Equipment Guide							
Product Type	Product Type Category						
		HVAC Supply Fans					
		HVAC Return Fans					
		Cooling Tower Fans					
Variable Frequency Drives	VFD Fan	HVAC Make Up Air Fans					
		HVAC Exhaust Fans					
		Chilled Water Supply/Return Pumps					
		Condenser Water Supply/Return Pumps					
		Hot Water Supply/Return Pumps					
Variable Frequency Drives	VFD Pump	Hot Water Circulation Pumps					
		Heat Water Pumps					

VFD Measures and Incentives*

Incentives are awarded based upon the VFD or EC motor horsepower (HP) rating and type of equipment controlled. If the equipment controlled is identified as Standard, then the incentive is calculated based upon HP (see incentive table immediately following). If the equipment controlled is identified as Custom, then the incentive must be applied for through the Custom program. The custom incentive is calculated at a rate of \$0.25/kWh for one year of projected kWh savings, up to 50% of installed cost. Custom projects must pass the Societal Cost test.

*To qualify for an incentive, the motor(s) being controlled must operate a minimum of 2,000 hours per year. VFD measures are only eligible in retrofit applications. Replacement of failed VFDs and EC motors, or installation in new construction or major renovation projects are not eligible.

VFD Incentives for both Standard and Custom Measures							
VFD Horsepower Rating Per Unit Incentive ¹ VFD Horsepower Rating Per Unit Incentive							
2	\$1,150	15	\$3,100				
3	\$1,380	20	\$3,450				
4	\$1,610	25	\$3,680				
5	\$1,840	30	\$4,140				
7.5	\$2,070	40	\$4,600				
10	\$2,530	50	\$5,750				



Hotel Room HVAC and Receptacle Controls Incentives

Smart Thermostats: Only for central AC, HP, furnace or RTUs with cooling capacities up to 300 kBtuh. Must be installed in normally conditioned spaces - not partially conditioned or with frequently opened doors. Eligible only for thermostats that certified ENERGY STAR® or have all the following capabilities:

- 1. Automatic scheduling
- 2. Occupancy sensing ("on" as default)
- 3. Must be capable of optimizing heat pump energy use, minimize supplemental heat
- 4. Must be able to control via smart phone or online
- 5. Must be able to view temp, adjust temp, and switch between "heating," "cooling" and "off," settings
- 6. Static temp accuracy of < +/- 2 deg F
- 7. Network standby average power consumption of < 3W, including all equipment needed to maintain connectivity

Hotel Room HVAC and Receptacle Controls: Facility must be a lodging business. Incentives are for occupancy-based guest room energy management controls. Occupancy control may be room-key activated or sensed due to motion and/or sound and must control the HVAC system serving the room. Front desk control systems and new construction are not eligible.

Equipment Tune	Per Unit Incentive	Application Center Equipment Guide				
Equipment Type	Per Offic incentive	Product Type	Category			
Smart Thermostats	\$160/thermostat	HVAC	Controls			
Hotel Room HVAC Controls	\$200/room	HVAC	Controls			
Receptacle Controls	\$30/room	HVAC	Controls			

Delmarva Power Energy Savings for Business Program

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