

2023 RETROFIT PRESCRIPTIVE REBATES NON-LIGHTING MEASURES WORKSHEET

Please complete and submit this worksheet if you are applying for a non-lighting measure rebate through the POWER MOVES® C&I Retrofit Prescriptive Program. For instructions on how to apply, please see **pages 6-7** of the rebate booklet. Specifications for the following measures can be found on **pages 13-19** of the rebate booklet. You may download additional copies of this worksheet from **PowerMoves.com**.

CHILLERS - AIR COOLED WITH CONDENSER (Available in IN and MO only)							
Equipment Description	Maximum IPLV (kW/ton)	Installed IPLV (kW/ton)	Minimum COP	Installed COP	Number of Tons Installed	Rebate per Ton	Total Rebate Requested
Elec. chiller, air cooled with condenser - Tier 1	1.05		3.08			\$25	
Elec. chiller, air cooled with condenser - Tier 2	.96		3.36			\$40	
CHILLERS - AIR COOLED WITHOUT CONDENSER (Available in IN and MO only)							
Elec. chiller, air cooled w/o condenser - Tier 1	.96		3.36			\$25	
Elec. chiller, air cooled w/o condenser - Tier 2	.85		3.36			\$40	
CHILLERS - WATER COOLED, POSITIVE DISPLACEMENT (ROTARY SCREW AND SCROLL) (Available in IN and MO only)							
Elec. chiller, water cooled positive displacement - Tier 1, < 150 tons	.63		4.95			\$25	
Elec. chiller, water cooled positive displacement - Tier 1, 150-299 tons	.57		5.41			\$25	
Elec. chiller, water cooled positive displacement - Tier 1, ≥ 300 tons	.51		6.06			\$25	
Elec. chiller, water cooled positive displacement - Tier 2, < 150 tons	.56		5.58			\$40	
Elec. chiller, water cooled positive displacement - Tier 2, 150-299 tons	.51		6.17			\$40	
Elec. chiller, water cooled positive displacement - Tier 2, ≥ 300 tons	.46		6.89			\$40	
CHILLERS - WATER COOLED, CENTRIFUGAL (Available in IN and MO only)							
Elec. chiller, water cooled centrifugal - Tier 1, < 150 tons	.60		5.58			\$25	
Elec. chiller, water cooled centrifugal - Tier 1, 150-299 tons	.54		6.17			\$25	
Elec. chiller, water cooled centrifugal - Tier 1, ≥ 300 tons	.49		6.76			\$25	
Elec. chiller, water cooled centrifugal - Tier 2, < 150 tons	.53		6.28			\$40	
Elec. chiller, water cooled centrifugal - Tier 2, 150-299 tons	.48		6.89			\$40	
Elec. chiller, water cooled centrifugal - Tier 2, ≥ 300 tons	.44		7.64			\$40	

2023 RETROFIT PRESCRIPTIVE REBATES NON-LIGHTING MEASURES WORKSHEET

CEE TIER 1 AIR-COOLED UNITARY PACKAGED A/C AND SPLIT SYSTEMS						
Equipment Description	Minimum Specifications	Number of Units	SEER/EER	Total Tons Installed	Rebate per Ton	Total Rebate
Air Conditioning < 65,000 Btuh (5.4 tons) (IN and MO only)	SEER≥15				\$60	
Required New Equipment Information:				AHRI Reference Number:		
Outdoor Unit Manufacturer:				Installed Model Number:		
Indoor Unit Manufacturer:				Installed Model Number:		
Air Conditioning 65,000 Btuh (5.4 tons) – 239,999 Btuh (20 tons)	EER≥11.5				\$60	
Required New Equipment Information:				AHRI Reference Number:		
Outdoor Unit Manufacturer:				Installed Model Number:		
Indoor Unit Manufacturer:				Installed Model Number:		
Air Conditioning 240,000 Btuh (20 tons) – 760,000 Btuh (63.3 tons)	EER≥10.5				\$60	
Required New Equipment Information:				AHRI Reference Number:		
Outdoor Unit Manufacturer:				Installed Model Number:		
Indoor Unit Manufacturer:				Installed Model Number:		
CEE TIER 2 AIR-COOLED UNITARY PACKAGED A/C AND SPLIT SYSTEMS						
Equipment Description	Minimum Specifications	Number of Units	SEER/EER	Total Tons Installed	Rebate per Ton	Total Rebate
Air Conditioning < 65,000 Btuh (5.4 tons)	SEER≥16				\$75	
Required New Equipment Information:				AHRI Reference Number:		
Outdoor Unit Manufacturer:				Installed Model Number:		
Indoor Unit Manufacturer:				Installed Model Number:		
Air Conditioning 65,000 Btuh (5.4 tons) – 239,999 Btuh (20 tons)	EER≥12				\$75	
Required New Equipment Information:				AHRI Reference Number:		
Outdoor Unit Manufacturer:				Installed Model Number:		
Indoor Unit Manufacturer:				Installed Model Number:		
Air Conditioning 240,000 Btuh (20 tons) – 760,000 Btuh (63.3 tons)	EER≥10.8				\$75	
Required New Equipment Information:				AHRI Reference Number:		
Outdoor Unit Manufacturer:				Installed Model Number:		
Indoor Unit Manufacturer:				Installed Model Number:		

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CEE TIER 1 AIR SOURCE HEAT PUMPS							
Equipment Description	Minimum Specifications	Number of Units	SEER/EER	HSPF/COP	Total Tons Installed	Rebate per Ton	Total Rebate
Air Source Heat Pumps < 65,000 Btuh (5.4 tons) (IN and MO only)	SEER≥15 HSPF≥8.5 (package) HSPF≥9 (split)					\$80	
Required New Equipment Information:				AHRI Reference Number:			
Outdoor Unit Manufacturer:				Installed Model Number:			
Indoor Unit Manufacturer:				Installed Model Number:			
Air Source Heat Pump 65,000 Btuh (5.4 tons) – 134,999 Btuh (10.9 tons)	EER≥11.5 COP≥3.4					\$80	
Required New Equipment Information:				AHRI Reference Number:			
Outdoor Unit Manufacturer:				Installed Model Number:			
Indoor Unit Manufacturer:				Installed Model Number:			
Air Source Heat Pump 135,000 Btuh (11 tons) – 240,000 Btuh (20 tons)	EER≥11.5 COP≥3.2					\$80	
Required New Equipment Information:				AHRI Reference Number:			
Outdoor Unit Manufacturer:				Installed Model Number:			
Indoor Unit Manufacturer:				Installed Model Number:			

2023 RETROFIT PRESCRIPTIVE REBATES NON-LIGHTING MEASURES WORKSHEET

CEE TIER 2 AIR SOURCE HEAT PUMPS							
Equipment Description	Minimum Specifications	Number of Units	SEER/EER	HSPF/COP	Total Tons Installed	Rebate per Ton	Total Rebate
Air Source Heat Pump < 65,000 Btuh (5.4 tons)	SEER≥16 HSPF≥9 (package) HSPF≥9.5 (split)					\$95	
Required New Equipment Information:				AHRI Reference Number:			
Outdoor Unit Manufacturer:				Installed Model Number:			
Indoor Unit Manufacturer:				Installed Model Number:			
Air Source Heat Pump 65,000 Btuh (5.4 tons) – 134,999 Btuh (10.9 tons)	EER≥12 COP≥3.4					\$95	
Required New Equipment Information:				AHRI Reference Number:			
Outdoor Unit Manufacturer:				Installed Model Number:			
Indoor Unit Manufacturer:				Installed Model Number:			
Air Source Heat Pump 135,000 Btuh (11 tons) – 240,000 Btuh (20 tons)	EER≥12 COP≥3.2					\$95	
Required New Equipment Information:				AHRI Reference Number:			
Outdoor Unit Manufacturer:				Installed Model Number:			
Indoor Unit Manufacturer:				Installed Model Number:			

DOE new metrics are SEER2, EER2, and HSPF2. Conversion factors are listed in the chart below.

IECC 2021 leverages new DOE testing methods and associated metrics. The following factors are recommended for use if the efficient equipment is not rated under the new testing procedure but the stipulated baseline is: ⁵⁵⁸

SEER2 = X*SEER

EER2 = X*EER

HSPF2 = X*HSPF

Where:

X	SEER2	EER2	HSPF2
Ducted	0.95	0.95	0.91
Ductless	1.00	1.00	0.95
Packaged	0.95	0.95	0.84

⁵⁵⁸ Consortium for Energy Efficiency (CEE), Testing, Testing, M1, 2, 3, Transitioning to New Federal Minimum Standards, CEE Summer Program Meeting, June 10, 2022.

2023 RETROFIT PRESCRIPTIVE REBATES NON-LIGHTING MEASURES WORKSHEET

GROUND SOURCE HEAT PUMP REPLACING ELECTRIC RESISTANCE HEATING

Equipment Type	Minimum Specifications	Number of Units Installed	EER	COP	Total tons installed	Rebate per Ton	Total Rebate
< 5.4 tons	EER>16.5 COP>3.5					\$750	
AHRI Reference Number:				Installed Model Number:			
5.4 tons – 10.9 tons	EER>16.5 COP>3.5					\$600	
AHRI Reference Number:				Installed Model Number:			
11 tons – 20 tons	EER>16.5 COP>3.5					\$500	
AHRI Reference Number:				Installed Model Number:			

GROUND SOURCE HEAT PUMP REPLACING NATURAL GAS HEATING & A/C

Equipment Type	Minimum Specifications	Number of Units Installed	EER	COP	Total tons installed	Rebate per Ton	Total Rebate
< 5.4 tons	EER>16.5 COP>3.5					\$750	
AHRI Reference Number:				Installed Model Number:			
5.4 tons – 10.9 tons	EER>16.5 COP>3.5					\$600	
AHRI Reference Number:				Installed Model Number:			
11 tons – 20 tons	EER>16.5 COP>3.5					\$500	
AHRI Reference Number:				Installed Model Number:			

PACKAGED TERMINAL HEAT PUMPS

Equipment Type	Minimum Specifications	Quantity	EER	COP	Rebate per Unit	Total Rebate
Packaged Terminal Heat Pump < 8,000 Btuh	EER≥12.1 COP≥3.4				\$50	
Required New Equipment Information:				Packaged Unit Manufacturer:		
Packaged Terminal Heat Pump 8,000-9,999 Btuh	EER≥11.5 COP≥3.2				\$50	

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PACKAGED TERMINAL HEAT PUMPS						
Equipment Type	Minimum Specifications	Quantity	EER	COP	Rebate per Unit	Total Rebate
Required New Equipment Information:				Packaged Unit Manufacturer:		
Packaged Terminal Heat Pump 10,000-13,000 Btuh	EER≥10.9 COP≥3.1				\$50	
Required New Equipment Information:				Packaged Unit Manufacturer:		

COMPRESSED AIR					
VFD Screw Air Compressor ≤ 200 HP					
Manufacturer Name	Model Number	Expected Operating Hours/Year of the Rebated Compressor	HP rating of the air compressor system (Must be less than 201)	Rebate per HP	Total Rebate requested
				\$60	

Compressed Air No-Loss Condensate Drain						
Drain Manufacturer Name	Drain Model Number	Compressed Air System Pressure	Compressor Operating Hours / Year	Air Compressor Control Type	Rebate per Drain	Total Rebate requested
					\$100	

Air-Entraining Nozzles - for nozzles that use less than 15 CFM at 100 psi						
Nozzle Manufacturer Name	Nozzle Model Number	Annual Compressed Air System Hours of Operation	Air Compressor Control Type	Quantity of Nozzles Installed	Rebate per Nozzle	Total Rebate requested
					\$25	

Air Compressor Load/No Load Controls						
Manufacturer Name	Model Number	Annual Operating Hours	HP Rating of the Air Compressor System	Rebate per HP	Total Rebate requested	
				\$25		

Air Compressor Variable Displacement Controls						
Manufacturer Name	Model Number	Annual Operating Hours	HP Rating of the Air Compressor System	Rebate per HP	Total Rebate requested	
				\$25		

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Compressed Air Low Pressure Drop Filters					
Manufacturer Name	Model Number	Annual Operating Hours	HP Rating of the Air Compressor System	Rebate per HP	Total Rebate requested
				\$3.50	

VARIABLE FREQUENCY DRIVES (VFDS)							
Equipment Type	Number of Motors		Motor Size (HP)		Number of VFDS	Rebate per HP	Total Rebate
HVAC Fans 1-20 HP Must be for one of the following HVAC Applications (please check one): <input type="checkbox"/> Supply Fan <input type="checkbox"/> Return Fan <input type="checkbox"/> Boiler Draft Fan <input type="checkbox"/> Cooling Tower Fan						\$100	
Chilled Water Pumps 1-20 HP						\$100	
Heated Water Pumps 1-20 HP						\$100	
Process applications with motors ≤ 200HP Application _____						\$80	
Equipment Type	Number of Motors	Motor Size (HP)	Number of VFDS	Operating Pressure	Hours of Operation	Rebate per HP	Total Rebate
Agricultural Irrigation applications with motors ≤ 200HP Motor Type _____						\$40	

MISCELLANEOUS					
Equipment Type	BTU per Hour	Rebate per Unit	SEER/EER	Number of Units	Total Rebate
Room Air Conditioner		\$20 per A/C unit			
Required New Equipment Information:					
Unit Manufacturer: _____			Installed Model Number: _____		

Equipment Type	Rebate per Door	Number of Doors	Cooler Temperature (must be °F)	Total Rebate
Refrigeration Door/Frame Heater Control	\$50			
Equipment Type	Rebate per Economizer	Number of Economizers	Tons Controlled with Economizer	Total Rebate
Outside Air Economizer with Dual-Enthalpy Sensors	\$150			