2023 HVAC Rebates

Rebate Application

East Central Energy

Business Member Information

Business Name _____

Installation Address _____

City, State, Zip _____

Contact Name _____

Email _____

Phone Number _____

Account Number _____

Application Checklist

- ☐ Rebate application with signature
- ☐ Itemized project invoices (labor & materials)
- ☐ Equipment specifications

The undersigned does hereby certify that the undersigned is solely responsible for the accuracy of the information contained in this application. All rules of the program have been followed and the installation is complete. The undersigned acknowledges that nothing contained in the application imposes any liability on the cooperative for the work performed and information presented by the member, member's engineer, contractor, or vendor. The undersigned also authorized payment of incentive directly to the specified rebate recipient.

Rebate applications due no later than November 1, 2023.

Member Signature

_____

Date

_____

1.800.254.7944
eastcentralenergy.com

ECE is an equal opportunity provider and employer.

East Central Energy
P.O. Box 39
Braham, MN 55006

2023 HVAC Rebates

Rules & Information

East Central Energy

Warranty Information

Rebate qualifications do not imply any representation or warranty of such equipment, design or installation by the cooperative. The cooperative shall not be responsible or liable for any personal injury or property damage caused by this equipment. The cooperative does not guarantee that a specific level of energy or cost savings will result from the implementation of energy conservation measures or the use of products funded under this program. In no event shall the cooperative be liable for any incidental or consequential damages.

General Program Rules

1. Installation must be complete before application is submitted and funds are issued.
2. Members and vendors must submit itemized equipment invoices, rebate application, and manufacturer equipment specifications. To ensure that the equipment installed meets the cooperative's performance standards, these invoices must itemize labor charges, quantity and price of the equipment installed, as well as information regarding the manufacturer and model numbers for all equipment included in the rebate.
3. The cooperative reserves the right to conduct random inspections of installations.
4. Rebates must be applied for within 12 months of invoice date.
5. Project must comply with all program specific rules and qualifications.
6. The member is responsible for checking with the cooperative to determine funding availability and resolve questions on program rules and qualification of products.
7. The rebate shall not exceed 50% of project cost up to $25,000 per project.
8. Rebate amount subject to change at any time without notice.
9. Once funds are depleted, project will be processed the following rebate year and will be subject to the new year amounts.

RTUs, Split Systems, ASHP, RTU Economizers

◦ Only new central air conditioning units and remote condensing unit retrofits qualify. Rebuilds do not qualify.

◦ If the efficiency rating is in EER and the application asks for SEER, SEER = EER / 0.875.

Split Systems

◦ Both the condensing unit and the A-coil must be purchased to qualify for this rebate.

PTAC, Mini-Split, & Water-Source Heat Pumps

◦ Only new equipment units qualify. Rebuilds do not qualify.

Ground-Source Heat Pump (Geothermal)

◦ New installations with a new loop field and replacement units with existing loop fields qualify
◦ Only closed loop systems qualify

2023 HVAC Rebates

Rules & Information (continued)

East Central Energy

Chillers

Chillers

1. No rebates will be provided for back-up systems. Back-up systems are defined as a separate chiller that is required only when a primary chiller fails.

2. The basis for the rebate efficiency level will be design conditions and chiller efficiency data as contained in the manufacturer specifications.

3. Use the Full-Load Efficiency for the base rebate on centrifugal chillers ≥ 150 tons.

Healthy Buildings

Economizers

◦ Enthalpy and CO controls are required to qualify for this rebate.

Demand Control Ventilation (DCV)

◦ Applies to the retrofit of existing constant volume equipment or optional addition to new or replacement.

Advanced Rooftop Controller (ARC)

◦ Rebate cannot be combined with DCV of supply-fan VSD rebates.
◦ New or replacement RTUs with an economizer can be combined with the ARC.

Ultraviolet Germicidal Irradiation (UVGI) Lighting

◦ Equipment specifications should indicate UV-C spectrum lighting equipment.

HVAC Rebates

Economizers, DCV, ARC, & UVGI

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Economizers	Enthalpy & CO_2 controlled	$10 / Ton
Demand Control Ventilation (DCV)		$10 / Ton
Advanced Rooftop Controller (ARC)		$50 / ton
Ultraviolet Germicidal Irradiation (UVGI) Lighting		$0.10/installed watt

Economizers

Manufacturer	Ton	Quantity	SEER	Rebate

*Must have both Enthalpy and CO_2 controls to qualify

Demand Control Ventilation (DCV)

Total Tonnage	Rebate

Advanced Rooftop Controller (ARC)

Total Tonnage	ΔT cooling	ΔT heating	EER	supply fan HP	Rebate

UVGI Lighting

Installed wattage	Application	Rebate

Project Cost	
Total Rebate	

HVAC Rebates

DX Units, ASHP

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Minimum Qualifying Criteria						
Equipment Type	**Unit Tons**	**Base Rebate $/ton**	**Full load EER_{base}**	**EER Incremental Rebate, $/ton per 0.1**	**Part load $IEER_{base}$**	**IEER Incremental Rebate, $/ton per 0.1**
DX Units (RTUs, Split Systems, Condensers)						
Rooftop Units (RTUs)						
≤ 65,000 Btuh	< 5.4	$15.00	n/a	n/a	>14 SEER	n/a
≥ 65,000 - < 135,000	5.4 - 11.3		>11.0	$2.00	>12.7	$2.00
≤ 135,000 - < 240,000	11.4 - 19.9		>10.8		>12.2	
≤ 240,000 - < 760,000	20.0 - 63.3		>9.8		>11.4	
≥ 760,000	≥ 63.3		>9.5		>9.6	
Split Systems & Condensers						
≤ 65,000 Btuh	< 5.4	$15.00	n/a	$2.00	>13 SEER	n/a
≥ 65,000 - < 135,000	5.4 - 11.3		>11.0		>12.7	$2.00
≤ 135,000 - < 240,000	11.4 - 19.9		>10.8		>12.2	
≤ 240,000 - < 760,000	20.0 - 63.3		>9.8		>11.4	
≥ 760,000	≥ 63.3		>9.5		>9.6	
Air Source Heat Pumps					**$HSPF_{base}$**	
≤ 65,000	< 5.4	$100.00	>11.4		>8.0	$2.00
≥ 65,000 - < 135,000	5.5 - 11.3		>11.0		>8.5	$2.00
≥ 135,000 - ≤ 250,000	11.4 - 19.9		>10.6		>9.0	$2.00

DX Units < 5.4 (RTUs, Split Systems, Condensors)					
Manufacturer	**Ton**	**$iEER_b$ (SEER)**	**iEER (SEER)**	**Quantity**	**Rebate**

DX Units 5.4 to ≥ 63.3 (RTUs, Split Systems, Condensors)							
Manufacturer	**Ton**	**EER_b**	**EER**	**$iEER_b$**	**iEER**	**Quantity**	**Rebate**

Air Source Heat Pumps							
Manufacturer	**Ton**	**EER_b**	**EER**	**$HSPF_b$**	**HSPF**	**Quantity**	**Rebate**

Project Cost	
Total Rebate	

HVAC Rebates

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Packaged Terminal Air Conditioners & Ductless Mini-Split

Minimum Qualifying Criteria			
	SEER		
Packaged Terminal Air Conditioners (PTAC)			50.00/ton
With electric resistance heating	14.0		
With heat pump heating*	13.0		
Ductless Mini-Split	**SEER**	**HSPF**	$400.00/ unit
replacing electric resistance heating (no existing a/c)	13.0	n/a	
replacing ASHP or elect heat with a/c	14.00	8.5	

PTAC w/ Resistance Heating

Manufacturer	Model	# of Units	Tons/unit	SEER	Rebate

PTAC w/ Heat Pump Heating

Manufacturer	Model	# of Units	Tons/unit	SEER	Rebate

Ductless Mini-Split replacing electric resistance heating (no a

Manufacturer	Model	# of Units	Tons/unit	SEER	HSPF	Rebate

Ductless Mini-Split replacing ASHP or elect heat (with a/c)

Manufacturer	Model	# of Units	Tons/unit	SEER	HSPF	Rebate

Project Cost	
Total Rebate	

HVAC Rebates

Ground Source Heat Pump (Geothermal Heat Pump)

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Minimum Qualifying Criteria

Equipment Type	Minimum Efficiency		Rebate $/ton		Specific Rules
Geothermal Heat Pumps	EER	C.O.P.	New	Replace	
Closed Loop	≥ 13.4	≥ 3.1	$400	$400	ISO 13256-1 (EER EWT @ 32° F Heat & COP 77° F Cooling)
Open Loop	≥ 16.2	≥ 3.6			ISO 13256-1 (EER EWT @ 59° F heat, & COP 50° F Cooling)

EER - Energy Efficiency Ratio (Btu/Watt) C.O.P. - Coefficient of Performance

Ground Source Heat Pump

Manufacturer	Model Number	EER	COP	# Units	Tons/unit	Rebate

Certified Master Installer (if applicab

Installer Company Name _____

Certification number _____

Project Cost	
Total Rebate	**$**

Required Information

Building Square Footage _____

Earth Loop Specifications _____

Heat Output (BTUs) _____

Contractor _____

Architect _____

Mechanical Engineer _____

HVAC Rebates

Chillers

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Minimum Qualifying Criteria				
Equipment Type Unit Tons	**Base Efficiency**		**Base Rebate, $/ton**	**Incremental rebate $/ton per .01 FLV (kW/ton)**
Air Cooled Chillers	**FLV**	**IPLV**	$15.00	$2.00
< 150 Tons	1.255	0.96		
≥ 150 Tons	1.255	0.94		
Water Cooled Chillers	**with VFD FLV / IPLV**	**w/o VFD FLV / IPLV**	**Base Rebate, $/ton**	**Incremental rebate $/ton per 0.01 FLV (kW/ton)**
< 150 tons (centrifugal)	0.639 / 0.45	0.634 / 0.596	$15.00	$2.00
≥ 150 to ≤ 300 tons (centrifugal)	0.639 / 0.45	0.634 / 0.596		
≥300 tons (centrifugal)	0.6 / 0.4	0.576 / 0.549		
< 150 Tons (screw/scroll)	0.78 / 0.586	0.775 / 0.615		
≥ 150 to ≤ 300 tons (screw/scroll)	0.718 / 0.54	0.68 / 0.58		
≥300 tons (screw/scroll)	0.639 / 0.49	0.62 / 0.54		

FLV - Fully Loaded Value

Air Cooled Chiller

Manufacturer	Model	Tons/Unit	VFD	FLV	FLV_b	IPLV	Rebate

Water Cooled Chiller

Manufacturer	Model	Tons/Unit	VFD	FLV	FLV_b	IPLV	Rebate

Project Cost	
Total Rebate	