

Chillers and Air Handling VAVs



2021 Rebate Application

Connexus Energy
14601 Ramsey Blvd NW
Ramsey, MN 55303
ConnexusEnergy.com
763.323.2600

Business Member Information

Company name _____ Date submitted _____
 Billing address _____ City _____ State _____ ZIP _____
 Installation address (if different) _____ City _____ State _____ ZIP _____
 Account number _____
 Contact name (print) _____ Phone _____
 E-mail _____

Vendor Information

Vendor name _____ Vendor contact name _____
 Vendor address _____ City _____ State _____ ZIP _____
 Phone _____ Fax _____
 E-mail _____

The undersigned does hereby certify that 1) The undersigned, and not Connexus Energy, is solely responsible for the accuracy of the information contained in this application, 2) all rules of the Chillers and Air Handling VAVs Rebate program have been followed, and 3) the installation is complete. Further, the undersigned acknowledges that nothing contained in the application shall impose any liability on Connexus Energy for the work performed and information presented by the member's engineer, contractor or vendor.

I verify the information on this application is correct and request consideration for participation in this program.

Member signature _____ Date _____

Specific Rules and Qualifications

1. On the documents establishing proof-of-purchase, circle the energy-saving products for which a rebate is requested and attach to the original application. If not indicated on the invoice, please add the number of units installed, manufacturer, model number and capacity (in tons).
2. Submit the manufacturer's data sheets with the rebate application. The sheets must show efficiency ratings in accordance with the most recent ARI Standards (design conditions for chillers) and must contain efficiency information for the following: – Chillers - kW/Ton
3. Only new and complete central air conditioning units, water chillers, and remote condensing unit retrofits qualify. Rebuilds do not qualify.
4. The new equipment must use a minimum ozone depleting refrigerant.
5. If the efficiency rating is stated in SEER where the application asks for EER, multiply the SEER by 0.855 to calculate EER rating.

Chiller Rules

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 vendor's data.
3. Use the full-load efficiency for the base rebate on centrifugal chillers ≥ 150 tons.

Air Handling Rules (variable air volume (VAV) conversion)

1. Rebate is paid per VAV box. One box serves each air handling unit zone.
2. The installation may be new or retrofit applications. Base-line VAV model compares air-handling zone which is being converted from constant volume.
3. The zone must be air conditioned by electric cooling equipment.
4. Only new VAV boxes (without fans) for retrofit applications may qualify.
5. Supply and return fans (if return fans are used) serving the VAV zones must be equipped with Variable Frequency Drives (VFD).
6. Appropriate controls to reduce fan energy usage must be included.
7. VFDs for air handling fans must meet the Connexus Energy's VFD program standards. See VFD Rebate applications.

Warranty Information

Rebate qualifications do not imply any representation or warranty of such equipment, design or installation by Connexus Energy. Connexus Energy shall not be responsible or liable for any personal injury or property damage caused by this equipment. Connexus Energy 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 Connexus Energy be liable for any incidental or consequential damages.

Rebate Application Process and Program Rules

1. Pre-approval is required for all prescriptive rebates over \$2,500 and ALL custom rebates.
 - Information required for pre-approval includes: detailed project scope, estimated energy savings or additional usage in kWh and kW, manufacturer's specifications, estimated project completion date and estimated equipment costs.
 - If changes to project scope will impact your estimated rebate, please notify Connexus Energy immediately to update your pre-approval.
2. The member is responsible for checking with Connexus Energy, prior to project start, to determine if project qualifies, and to verify availability of funds.
3. Project must comply with all program Specific Rules and Qualifications (varies by rebate type).
4. Installation must be complete before final rebate application and required supporting documentation is submitted to Connexus Energy. Supporting documentation includes:
 - Itemized equipment invoices (detailing line item quantity, price, and model number).
 - Manufacturers' equipment specifications (cut sheets).
5. Rebates are capped at 50% of the invoiced equipment cost or the prescriptive/custom rebate, whichever is less.
6. The maximum annual rebate per member, for all projects, is \$30,000.
7. Rebate checks will be made payable to the Connexus Energy account holder named on the application (not to contractors).
8. Connexus Energy rebates are offered on a first-come, first-paid basis, pending fund availability, and are subject to change. Check website for current application forms.
9. Connexus Energy reserves the right to conduct inspections of all rebated installations.
10. Email completed application packet, along with the account holder's W-9 tax identification form, to your account representative, OR mail to Connexus Energy (c/o Business Accounts), 14601 Ramsey Blvd., Ramsey, MN 55303, no later than November 15, 2021.

Your submitted application **MUST** include:

- Completely filled out and signed rebate application form(s).
- Itemized equipment invoices.
- Equipment specifications (cut sheets).
- Account holder's W-9 tax ID form.

Chiller and Air Handling VAVs 2021 Rebate Application



Air Cooled Chillers – Minimum Qualifying Criteria

Equipment Type Unit Tons	Minimum Efficiency	Base Rebate \$/ton	Incremental Rebate \$/ton per 0.1 EER	Specific Rules
Air Cooled Chillers	FLV-EER 9.7 IPLV-EER 13.0	\$10.00	\$2.00	Chiller rebates are based on design conditions

FLV – Base Full Load Value (kW/ton)

Air Cooled Chillers – Required Information

Manufacturer	Model No.	# of Units	Tons/Unit	Minimum Qualifying Efficiency	EER	Base Rebate	Incremental Eff. Rebate	Rebate	
						\$	\$	\$	
						\$	\$	\$	
Example of Total Rebate = [Base Rebate \$10 x Tons/Unit] + [Incremental Efficiency Rebate \$2 X (Equip. EER/SEER from vendor – Min. Qualifying EER/SEER from table) / .1 x Tons] X Number of Units								Project Cost Rebate	\$

Rebate must comply with all program specific rules and qualifications.

Water Cooled Chillers < 150 Tons (Centrifugal) – Minimum Qualifying Criteria

Equipment Type Unit Tons	Minimum Efficiency	Base Rebate \$/ton	Incremental Rebate \$/ton per 0.01 kW/ton	Specific Rules
Water Cooled Chillers < 150 Tons (centrifugal)	FLV Efficiency kW/Ton 0.74	\$20.00	\$2.00	Chiller rebates are based on design conditions Must improve on ASHRAE 90.1 2010 baseline by 0.016 kW/ton

Water Cooled Chillers < 150 tons (Centrifugal) – Required Information

Manufacturer	Model No.	# of Units	Tons/Unit	Minimum Qualifying Efficiency	kW/Ton	Base Rebate	Incremental Eff. Rebate	Rebate	
						\$	\$	\$	
						\$	\$	\$	
Example of Total Rebate = [Base Rebate \$20 x Tons/Unit] + [Incremental Efficiency Rebate \$2 X (Equip. kW/Ton from vendor – Min. Qualifying kW/Ton from table) / .01 x Tons] X Number of Units								Project Cost Rebate	\$

Rebate must comply with all program specific rules and qualifications.

Chiller and Air Handling VAVs 2021 Rebate Application



Water Cooled Chillers ≥ 150 Tons (Centrifugal) – Minimum Qualifying Criteria

Equipment Type Unit Tons	Minimum Efficiency	Base Rebate \$/ton	Incremental Rebate \$/ton per 0.01 kW/ton	Specific Rules
Water Cooled Chillers ≥ 150 Tons (centrifugal)	FLV Efficiency kW/Ton .66	\$20.00	\$2.00	Chiller rebates are based on design conditions Must improve on ASHRAE 90.1 2010 baseline by 0.016 kW/ton

Water Cooled Chillers ≥ 150 tons (Centrifugal) – Required Information

Manufacturer	Model No.	# of Units	Tons/Unit	Minimum Qualifying	kW/Ton	Base Rebate	Incremental	Rebate	
						\$	\$	\$	
						\$	\$	\$	
Project Cost									
Rebate									\$

Example of Total Rebate = [Base Rebate \$20 x Tons/Unit] + [Incremental Efficiency Rebate \$2 X (Equip. kW/Ton from vendor – Min. Qualifying kW/Ton from table)/.01 x Tons] X Number of Units

Rebate must comply with all program specific rules and qualifications.

Water Cooled Chillers < 150 Tons (screw/scroll) – Minimum Qualifying Criteria

Equipment Type Unit Tons	Minimum Efficiency	Base Rebate \$/ton	Incremental Rebate \$/ton per 0.01 kW/ton	Specific Rules
Water Cooled Chillers < 150 Tons (screw/scroll)	FLV Efficiency kW/Ton 0.74	\$20.00	\$2.00	Chiller rebates are based on design conditions 0.74 FLV kW/ton, 0.60 IPLV kW/ton

Water Cooled Chillers < 150 tons (Screw/Scroll) – Required Information

Manufacturer	Model No.	# of Units	Tons/Unit	Minimum Qualifying Efficiency	kW/Ton	Base Rebate	Incremental Eff. Rebate	Rebate	
						\$	\$	\$	
						\$	\$	\$	
Project Cost									
Rebate									\$

Example of Total Rebate = [Base Rebate \$20 x Tons/Unit] + [Incremental Efficiency Rebate \$2 X (Equip. kW/Ton from vendor – Min. Qualifying kW/Ton from table)/.01 x Tons] X Number of Units

Rebate must comply with all program specific rules and qualifications.

Chiller and Air Handling VAVs 2021 Rebate Application



Water Cooled Chillers ≥ 150 Tons (screw/scroll) – Minimum Qualifying Criteria

Equipment Type Unit Tons	Minimum Efficiency	Base Rebate \$/ton	Incremental Rebate \$/ton per 0.01 kW/ton	Specific Rules
Water Cooled Chillers ≥ 150 Tons (screw/scroll)	FLV Efficiency kW/Ton 0.66	\$20.00	\$2.00	Chiller rebates are based on design conditions 0.66 FLV kW/ton, 0.56 IPLV kW/ton

Water Cooled Chillers ≥ 150 tons (screw/scroll) – Required Information

Manufacturer	Model No.	# of Units	Tons/Unit	Minimum Qualifying Efficiency	kW/Ton	Base Rebate	Incremental Eff. Rebate	Rebate
						\$	\$	\$
						\$	\$	\$
Project Cost								
Rebate								\$

Example of Total Rebate = [Base Rebate \$20 x Tons/Unit] + [Incremental Efficiency Rebate \$2 X (Equip. kW/Ton from vendor – Min. Qualifying kW/Ton from table)/.01 x Tons] X Number of Units

Rebate must comply with all program specific rules and qualifications.

Air Handling System (VAV's)

Manufacturer	Number of Units	CFM	Rebate \$70 X # Units
			\$
			\$
			\$
Project Cost			\$
Rebate			\$

Rebate must comply with all program specific rules and qualifications.

Connexus Energy retains the right to make adjustments to correct incentive calculations if necessary. Energy savings calculations are estimates and may vary from actual results.
See page 2 for chiller rebate rules and specific guidelines.

Important: A copy of this completed application form and an invoice(s) is required before Connexus Energy issues incentives.