



Greenfield Municipal Utilities
 202 S 1st Street
 PO Box 95
 Greenfield, IA 50849

2018 INCENTIVES

Commercial Chiller Systems

PLEASE complete ALL sections and sign form to ensure proper and prompt payment of rebate.

Customer Information Check if wind or solar generation is installed.

Company		Account Number		Phone	
Facility Address (equipment location)		City		State	Zip Code
Mailing Address (if different than facility address above)		City		State	Zip Code
First Name (contact person)		Last Name		E-mail Address	
ACCOUNT TYPE where equipment is located: <input type="radio"/> Farm <input type="radio"/> Small Business <input type="radio"/> Commercial/Industrial					
GENERAL BUSINESS DESCRIPTION: _____ (e.g. Manufacturing, School, Grocery, Office, etc.)					

Installation Information

YEAR BUILDING BUILT (approx.) <input style="width: 100%;" type="text"/> CONDITIONED AREA (sq. ft.) <input style="width: 100%;" type="text"/> DATE INSTALLED <input style="width: 100%;" type="text"/> TYPE OF INSTALLATION: <input type="radio"/> New Construction <input type="radio"/> Added Capacity <input type="radio"/> Replacement AGE OF SYSTEM REPLACED? (yrs) <input style="width: 100%;" type="text"/>	INSTALLING CONTRACTOR: Business Name (retailer or installing contractor) <input style="width: 100%;" type="text"/> Address <input style="width: 100%;" type="text"/> City <input style="width: 30%;" type="text"/> State <input style="width: 30%;" type="text"/> Zip Code <input style="width: 30%;" type="text"/> INSTALLED SYSTEM COST <input style="width: 100%;" type="text"/>
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Equipment Information

NOTE: If only installing pipe insulation for existing equipment, provide insulation info on the right and do not provide the chiller information below.

Chiller Pipe Insulation (for existing buildings only)

TYPE OF NEW EQUIPMENT:
 Air Cooled Chiller Water Cooled Chiller

ADDED INSULATION R-VALUE (min. R11)

	NEW Chiller #1	NEW Chiller #2
Manufacturer		
Model Number		
Serial Number		
Compressor Type*		
Full Load kW/Ton		
IPLV (kW/Ton)		
EER		
System Tons		

*Scroll, Reciprocating, Screw, Centrifugal or Rotary Screw

Incentive Summary		
Air Cooled Chiller	Tons* x \$20 =	
Water Cooled Chiller	Tons* x \$30 =	
Chiller Pipe Insulation	Feet x \$2 =	
TOTAL REBATE =		

*Round to nearest whole tons.

Maximum rebate per facility is \$5,000 per year

Attach equipment specifications and proof of purchase.

Customer and Vendor Agreement

By signing below, Customer and contractor/vendor agree to the Terms and Conditions (see back or separate page) for this program.

Customer Name/Title		Contractor/Vendor Name/Title	
Customer Signature	Date	Contractor/Vendor Signature	Date
Office Use Only:		Notes:	Authorized Amount
Utility ID	Employee Name		

Terms and Conditions - Commercial Chiller Incentives

Program Offer: The Program covers products purchased and/or services rendered on or after **January 1, 2018**.

Equipment and Installation Eligibility Requirements:

Note that chiller installations are typically optimized for full-load or part-load operation. Select the requirements that apply to your application, and make sure that the chiller you purchase meets both full-load efficiency and integrated part-load value (IPLV) requirements for that application as shown below:

Chiller Efficiency Requirements*				
Compressor Type and Capacity	Full-Load Optimized Applications (kW/ton) <i>Must meet both levels</i>		Part-Load Optimized Applications (kW/ton) <i>Must meet both levels</i>	
	Full Load (kW/ton)	IPLV (kW/ton)	Full Load (kW/ton)	IPLV (kW/ton)
Air-Cooled Chillers				
< 150 tons	≤ 1.15 (≥ 10.4 EER)	≤ 0.96 (≥ 12.5 EER)	≤ 1.25 (≥ 9.56 EER)	≤ 0.78 (≥ 15.39 EER)
≥ 150 tons		≤ 0.94 (≥ 12.75 EER)		≤ 0.80 (≥ 15.07 EER)
Water-Cooled Chillers				
Positive Displacement				
< 75 tons	≤ 0.75	≤ 0.63	≤ 0.80	≤ 0.60
75 to 149 tons	≤ 0.71	≤ 0.61	≤ 0.79	≤ 0.51
150 to 299 tons	≤ 0.68	≤ 0.58	≤ 0.72	≤ 0.50
≥ 300 tons	≤ 0.58	≤ 0.54	≤ 0.64	≤ 0.48
Centrifugal				
> 150 tons	≤ 0.62	≤ 0.60	≤ 0.64	≤ 0.36
150 to 299 tons	≤ 0.59	≤ 0.60	≤ 0.64	≤ 0.35
300 to 599 tons	≤ 0.56	≤ 0.55	≤ 0.60	≤ 0.36
≥ 600 tons	≤ 0.55	≤ 0.40	≤ 0.57	≤ 0.35

*Values are based on standard rating conditions specified in ARI Standard 550/590-98. For Air Cooled Chillers only packaged chillers (i.e., none with remote condensers) are covered

For air cooled chillers, you may choose to use either the required cooling capacity (kW/ton) or the Energy Efficiency Ratio (EER; Btu/watt) to determine a product's eligibility.

The chiller efficiencies shown for rebate eligibility are those used by the Federal Energy Management Program (FEMP). More information on chillers can be found at:

<http://energy.gov/eere/femp/covered-product-categories>.

Customer must attach equipment specifications and copy of sales invoice to [the incentive form](#).

Equipment Incentives:

Eligible Equipment	Rebate
Air-Cooled Chillers	\$20 / Ton
Water-Cooled Chillers	\$30 / Ton
Chiller Pipe Insulation	\$2 / linear foot

General Terms and Conditions

Rebates shall be pro-rated based on the percent of power supplied by the utility if the customer has distributed generation.

Application Information: Missing or incorrect information on the application may delay processing and delivery of the rebate. An invoice is required and should include specific product information, including the brand, model, serial number and date of purchase of the energy efficient measures. Other information including manufacturer's equipment performance sheets may be required upon request.

The Utility reserves the right to verify sales transactions and to have reasonable access to the Customer's facility to inspect pre-existing equipment (if applicable) and energy efficient measures installed under this program.

Warranty Information: The Utility makes no warranties, expressed or implied, with respect to equipment operation, material, workmanship or manufacturing. The Utility does not guarantee that a certain level of energy or cost savings will result from the use of products covered by this program.

Limitation of Liability: The Utility's liability in connection with this program is limited to paying the rebate specified when all terms and conditions have been satisfied. Under no circumstances shall the Utility be liable for any consequential or incidental damages or tax liability resulting from participation in this program.

Participant Certification: Participating Customer certifies that he/she purchased and installed the equipment listed on their application at the defined location served by the Utility. The Customer agrees that all information provided is true and that he/she has conformed to all program requirements. If the equipment and application does not comply with the Utility's rules and qualifications, the rebate amount may be denied or adjusted.

Program Changes/Termination: The Utility reserves the right to extend, modify (including incentive levels) or terminate this Program at any time without prior or further notice. The Customer is responsible for checking with the Utility to determine whether the program has been changed or is still in effect.

Customers must apply for rebates within six (6) months of the purchase date (as shown on the Customer's invoice). Past eligibility, however, does not guarantee that equipment will meet criteria for current programs in effect.

Mechanical Engineer Signature (or person responsible for equipment specifications)	Date
Customer Signature (company representative)	Date