

2016 Business Cooling Equipment Rebate Application



LIMITED FUNDING: Before purchasing your equipment, contact your local utility for rebate availability.

CUSTOMER INFORMATION

Location Name _____ Company Name _____

Tax ID _____ Website (optional) _____

Mailing Address _____

City _____ State _____ Zip Code _____

Installation Address (if different) _____

City _____ State _____ Zip Code _____

Account Number _____

Type of Business: Office Restaurant Retail Government Grocery Other
 Health Lodging School Church Industrial Multifamily

Facility Size (ft²) _____

Occupancy: Own Rent/Lease

Hours of Facility Operation:

	M-F	Sat.	Sun.	
FROM	AM/PM	AM/PM	AM/PM	Number of Months: _____
TO	AM/PM	AM/PM	AM/PM	

How did you hear about our rebates: Contractor Vendor/Retailer Radio TV
 Utility Newsletter Utility Representative Utility Website Utility Mail/Email
 Newspaper Ad Chamber of Commerce Questline Other

CONTACT INFORMATION

Name _____

Phone _____ Email _____

I certify that the information on this application (and any associated worksheets) is correct and request consideration for participation in this program. I have read and agree to the terms and conditions on the reverse side of the application. I understand that if any equipment in conjunction with this application is ordered, purchased, or installed before approval from the Utility is received, the proposed project may not qualify for a rebate.

Customer Signature _____ Date _____

Project Status: Completed Not Started In Process Est. Project Completion Date _____

CONTRACTOR INFORMATION

Company Name _____

Address _____

City _____ State _____ Zip Code _____

Contact Name _____

Phone _____ Email _____

INTERNAL USE ONLY – PLEASE DO NOT WRITE IN THIS SPACE

Date Received Pre-Inspected? Yes No Date Initials
Post-Inspected? Yes No Date Initials

2016 Business Cooling Equipment Rebate Application



Rooftop and Packaged AC Rebate

Project Type: New Installation Retrofit If retrofit, is existing equipment still operational? Yes No

Existing Equipment				New Equipment										Rebate					
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
Nominal Capacity (Tons)	EER or SEER Rating	Unit of Measure (circle one)	Quantity	Code (from Table 1)	Mfg Name	Model Number	Nominal Capacity (Tons)	Min. Eff. (from Table 1)	Actual EER or SEER Rating	Unit of Measure (circle one)	Quantity	Annual Cooling Hours (see Table 2)	Equip. Cost	Base Rebate \$/Ton	Base Rebate (H x L x O)	Eligible Eff. Bonus (J - I)	Eff. Bonus Rebate \$/Ton ¹	Eff. Bonus Rebate (Q x R) x (H x L) x 10	Total Rebate (P + S)
		EER/SEER								EER/SEER			\$	\$70	\$		\$4.75	\$	\$
		EER/SEER								EER/SEER			\$	\$70	\$		\$4.75	\$	\$
		EER/SEER								EER/SEER			\$	\$70	\$		\$4.75	\$	\$
		EER/SEER								EER/SEER			\$	\$70	\$		\$4.75	\$	\$
		EER/SEER								EER/SEER			\$	\$70	\$		\$4.75	\$	\$
		EER/SEER								EER/SEER			\$	\$70	\$		\$4.75	\$	\$
		EER/SEER								EER/SEER			\$	\$70	\$		\$4.75	\$	\$

¹Efficiency Bonus Rebate provides an additional incentive for each 0.1 SEER or EER above the Minimum Efficiency.

Total Rebate \$ _____

TABLE 1 - Qualifying Efficiencies

Rooftop, Split Systems, and Condensing Units:

Code	Qualifying Equipment	Minimum Efficiency
UT1-14	Less than 65,000 BTU/hour	14.5 SEER
UT2-14	65,000 – 134,999 BTU/hour	11.8 EER
UT3-14	135,000 – 239,999 BTU/hour	12.0 EER
UT4-14	240,000 – 759,999 BTU/hour	10.6 EER
UT5-14	760,000 BTU/hour and greater	9.6 EER

Packaged Terminal Air Conditioning and Heat Pump Units:

Code	Qualifying Equipment	Minimum Efficiency
PTAC1-NC-15	Packaged Terminal AC Unit-new construction < 7,000 BTU/hour	12.9 EER
PTAC2-NC-15	Packaged Terminal AC Unit-new construction 7,000-15,000 BTU/hour	11.1 EER
PTAC3-NC-15	Packaged Terminal AC Unit-new construction > 15,000 BTU/hour	11.3 EER
PTAC1-R-15	Packaged Terminal AC Unit-replacement < 7,000 BTU/hour	10.6 EER
PTAC2-R-15	Packaged Terminal AC Unit-replacement 7,000-15,000 BTU/hour	10.8 EER
PTAC3-R-15	Packaged Terminal AC Unit-replacement > 15,000 BTU/hour	9.7 EER
PTHP1-NC-15	Packaged Terminal Heat Pump-new construction < 7,000 BTU/hour	12.7 EER
PTHP2-NC-15	Packaged Terminal Heat Pump-new construction 7,000-15,000 BTU/hour	10.9 EER
PTHP3-NC-15	Packaged Terminal Heat Pump-new construction > 15,000 BTU/hour	11.1 EER
PTHP1-R-15	Packaged Terminal Heat Pump-replacement < 7,000 BTU/hour	10.4 EER
PTHP2-R-15	Packaged Terminal Heat Pump-replacement 7,000-15,000 BTU/hour	10.6 EER
PTHP3-R-15	Packaged Terminal Heat Pump-replacement > 15,000 BTU/hour	9.5 EER

SEER – Seasonal Energy Efficiency Ratio

EER – Energy Efficiency Ratio

$$\text{Cooling Tons} = \frac{\text{BTU/hr cooling capacity}}{12,000}$$

TABLE 2 - Guidelines for Cooling Hours

Business Type	Estimated Hours
Convenience Store	986
Education - Community College/ University	785
Education - Primary	408
Education - Secondary	563
Health/Medical - Clinic	865
Health/Medical - Hospital	1,298
Lodging	754
Manufacturing	589
Office - Low Rise	446
Office - Mid Rise	651
Office - High Rise	1,263
Restaurant	652
Retail - Large Department Store	686
Retail - Strip Mall	574
Warehouse	409

Qualifying unitary AC units must have been rated in accordance with the most recent version of AHRI Standard 210/240 if less than 65,000 BTU/hour and AHRI 340/360 if 65,000 BTU/hour or greater, and have nameplate data stamped with the SEER/EER. If equipment is larger than the AHRI Standard certification process, it must be listed as a standard combination in manufacturer's literature. **A copy of the manufacturer's applicable unit rating must accompany this application.** The AHRI directory and standards are located at www.ahridirectory.org.

2016 Business Cooling Equipment Rebate Application



Central Chiller Rebate (for space cooling)

Project Type: New Installation Retrofit If retrofit, is existing equipment still operational? Yes No

Existing Chiller					New Chiller											Rebate
Code (from Table 3)	Nominal Capacity (Tons)	Rated FLV Efficiency (enter value and select units)	Rated IPLV Efficiency (enter value and select units)	Qty.	Code (from Table 3)	Manufacturer Name	Model Number	Nominal Capacity (Tons)	Min. FLV Eff. (from Table 3)	Rated FLV Eff.	Min. IPLV Eff. (from Table 3)	Rated IPLV Eff.	Qty.	Annual Cooling Hours (see Table 4)	Equipment Cost	Rebate (see calculations below)
		<input type="checkbox"/> EER <input type="checkbox"/> kW/ton	<input type="checkbox"/> EER <input type="checkbox"/> kW/ton												\$	\$
		<input type="checkbox"/> EER <input type="checkbox"/> kW/ton	<input type="checkbox"/> EER <input type="checkbox"/> kW/ton												\$	\$
		<input type="checkbox"/> EER <input type="checkbox"/> kW/ton	<input type="checkbox"/> EER <input type="checkbox"/> kW/ton												\$	\$

Total Rebate \$ _____

Water Cooled Chiller Rebate Calculation: (FLV and IPLV must be in kW/ton)

$$\text{Rebate} = \text{New Qty} \times \text{New Tons} \times \{ \$15 + [\$200 \times (\text{Min FLV} - \text{Rated FLV})] + [\$200 \times (\text{Min IPLV} - \text{Rated IPLV})] \}$$

Air Cooled Chiller Rebate Calculation: (FLV and IPLV must be in EER)

$$\text{Rebate} = \text{New Qty} \times \text{New Tons} \times \{ \$8 + [\$15 \times (\text{Rated FLV} - \text{Min FLV})] + [\$15 \times (\text{Rated IPLV} - \text{Min IPLV})] \}$$

TABLE 3 - Qualifying Efficiencies and Rebate Schedule

Code	Qualifying Equipment	Minimum FLV Efficiency	Minimum IPLV Efficiency	Base Rebate \$/Ton	Efficiency Bonus Rebate ¹ \$/Ton
C1-14	Water Cooled Screw/Scroll Chiller - Less than 150 Tons	0.74 kW per Ton	0.63 kW per Ton	\$15	\$2/FLV + \$2/IPLV
C2-14	Water Cooled Screw/Scroll Chiller - 150 to 299 Tons	0.67 kW per Ton	0.58 kW per Ton	\$15	\$2/FLV + \$2/IPLV
C3-14	Water Cooled Screw/Scroll Chiller - 300 Tons and Greater	0.59 kW per Ton	0.52 kW per Ton	\$15	\$2/FLV + \$2/IPLV
C4-14	Water Cooled Centrifugal Chiller - Less than 150 Tons	0.69 kW per Ton	0.65 kW per Ton	\$15	\$2/FLV + \$2/IPLV
C5-14	Water Cooled Centrifugal Chiller - 150 to 299 Tons	0.62 kW per Ton	0.58 kW per Ton	\$15	\$2/FLV + \$2/IPLV
C6-14	Water Cooled Centrifugal Chiller - 300 Tons and Greater	0.56 kW per Ton	0.53 kW per Ton	\$15	\$2/FLV + \$2/IPLV
C7-14	Air Cooled Chiller (all types)	9.7 EER	12 EER	\$8	\$1.50/FLV + \$1.50/IPLV

¹Efficiency Bonus Rebate provides an additional incentive for each 0.01 kW per Ton below the Minimum FLV and IPLV Efficiency for water cooled chillers, or for each 0.1 EER above the Minimum FLV and IPLV efficiency for air cooled chillers.

$$\text{Cooling Tons} = \frac{\text{FLV} - \text{Full Load Value} \quad \text{IPLV} - \text{Integrated Part Load Value} \quad \text{EER} - \text{Energy Efficiency Ratio} \quad \text{BTU/hr cooling capacity}}{12,000}$$

Qualifying chillers must be used for space cooling and meet the efficiency requirements shown in Table 3 above to be eligible. **Documentation is required.** This can be a print out from the AHRI directory (www.ahridirectory.org) showing the nominal capacity (tons), and the IPLV efficiency and full-load (FLV) efficiency. If the chiller has not been tested by AHRI, manufacturer documentation must show the nominal capacity (tons), and the IPLV efficiency and full-load efficiency at AHRI standard 550/590 rating conditions. For water cooled centrifugal chillers not tested at AHRI standard 550/590 rating conditions, manufacturer documentation must show the nominal capacity (tons), and the IPLV efficiency, full-load efficiency, leaving chilled water temperature, entering condenser water temperature, and condenser gpm at operating conditions so we can determine eligibility and rebate amount.

The motors and/or variable speed drives in chiller units are not independently eligible for additional rebates under our Motor or Variable Speed Drive Rebate Programs.

TABLE 4 - Guidelines for Cooling Hours

Business Type	Estimated Hours
Convenience Store	986
Education - Community College/ University	785
Education - Primary	408
Education - Secondary	563
Health/Medical - Clinic	865
Health/Medical - Hospital	1,298
Lodging	754
Manufacturing	589
Office - Low Rise	446
Office - Mid Rise	651
Office - High Rise	1,263
Restaurant	652
Retail - Large Department Store	686
Retail - Strip Mall	574
Warehouse	409

TERMS AND CONDITIONS

1. ELIGIBILITY

Rebates are available to non-residential electric customers of the Utility. All products must be in use in facilities in the Utility service territory.

2. APPLICATION PERIOD

The program is offered January 1 through December 31 of the respective calendar year. Due to limited funding, this rebate offer can be withdrawn at any time without notice, and is available on a first-come, first-serve basis. All projects must be pre-approved by the Utility to qualify for a rebate.

3. INSPECTION AND VERIFICATION

The Utility reserves the right to inspect the Customer's facility through on-site visitations before and after new equipment installation to verify rebate eligibility.

4. INSTALLATION AND REBATE AMOUNTS

Qualifying energy-efficient cooling equipment installed and operational within six (6) months of the date of purchase is eligible for rebate. Additional time may be granted subject to the Utility's pre-approval. In no case will the rebate paid by the Utility exceed the purchase price of the equipment. The maximum rebate amount may be limited.

5. INVOICE AND PAYMENT

When the purchase and installation is completed, the Customer must notify the Utility and submit original invoices specifying the quantity and price of all materials purchased, the date ordered, installation costs, and applicable taxes. After satisfactory review of the invoices and on-site verification, a rebate check will be issued to the Customer. Please allow 60 days from the date of on-site inspection for delivery of payment.

6. EQUIPMENT ELIGIBILITY REQUIREMENTS

Incentive is for the installation of high-efficiency packaged rooftop units, condensers, split systems, and chillers used for space cooling. Eligible equipment must be new and meet or exceed the minimum efficiency requirements shown in Tables 1 or 3 according to its respective characteristics. Eligible cooling units must replace units of lesser efficiencies and of equivalent or greater capacity (Tons or BTU/hour) to qualify for a rebate.

Rooftop & Packaged Units: Qualifying unitary AC units must have been rated in accordance with the most recent version of AHRI Standard 210/240 if less than 65,000 BTU/hour and AHRI 340/360 if 65,000 BTU/hour or greater, and have nameplate data stamped with the SEER/EER. If equipment is larger than the AHRI Standard certification process, it must be listed as a standard combination in manufacturer's literature. A copy of the manufacturer's applicable unit rating must accompany this application. The AHRI directory and standards are located at www.ahridirectory.org.

Central Chillers: Qualifying chillers must meet the efficiency requirements shown in Table 3 to be eligible and have kW per Ton or EER ratings stamped on the nameplate. Documentation is required. This can be a print out from the AHRI directory (www.ahridirectory.org) or if the chiller has not been tested by AHRI, manufacturer documentation must show the nominal capacity (tons), the IPLV efficiency, and the full-load efficiency at the following AHRI standard 550/590 rating conditions:

- 44F leaving chilled water temperature and flow rate of 2.4 gpm/ton
- 85F entering condenser water temperature (for water cooled chillers)
- 95F entering condenser air temperature (for air cooled chillers)

For water cooled centrifugal chillers not tested at AHRI standard 550/590 rating conditions, manufacturer documentation must show the nominal capacity (tons), and the IPLV efficiency, full-load efficiency, leaving chilled water temperature, entering condenser water temperature, and condenser gpm at operating conditions.

7. TAX INFORMATION

The Utility will not be responsible for any tax liability imposed as a result of the rebate payment(s). Customers are advised to consult their tax advisors for detail. Customers must submit the appropriate Tax ID or Social Security Number on the application form.

8. DISCLAIMER

The Utility does not guarantee that the implementation of energy-efficient measures or use of the equipment purchased or installed pursuant to this program will result in energy or cost savings. The Utility makes no warranties, expressed or implied, with respect to any equipment purchased or installed including, but not limited to, any warrant of merchantability or fitness for purpose. In no event shall the Utility be liable for any incidental or consequential damages. Customers are solely responsible for the proper disposal of existing equipment. Consult the Minnesota Pollution Control Agency (MPCA) for details at (800) 657-3864.

9. ENDORSEMENT

The Utility does not endorse any particular vendor, manufacturer, product, or system in promoting this rebate program. Listing a vendor or product does not constitute an endorsement, nor does it imply that unlisted vendors or products are deficient or defective in any way.