



# 2008 Chiller Rebate

## Section A: CUSTOMER INFORMATION

Customer Name	Electric Account Number	Rate	Application Number
Facility Address	City	State	Zip Code
Service Location Identification			
Mailing Address (if different from above)	City	State	Zip Code
Contact Person/Title	Telephone Number	Incorporated? (Check one.) <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Exempt	
Federal Tax Identification Number	Rebate Payment Preference (Check one.) <input type="checkbox"/> Check <input type="checkbox"/> Bill Credit <input type="checkbox"/> Pay Contractor	Please Assign Payment to Contractor. Customer Signature:	

## Section B: CONTRACTOR INFORMATION

Contractor Name	Contact Person/Title (Print)	Contact Person Signature	
Mailing Address	City	State	Zip Code
Federal Tax Identification Number	Incorporated? (Check one.) <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Exempt	Telephone Number	

## Section C: DOCUMENT APPROVALS

### PRE-INSTALLATION INSPECTION

Utility Signature	Date
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### PRE-APPROVAL OFFER

Technical Review - Utility Signature	Date		
Utility Signature	Date	Amount of Rebate Offer (\$)	Completion Date

By signing and dating below, customer accepts this rebate offer and agrees to the Utility Terms and Conditions attached hereto. Pursuant to a Commission order, customer also agrees to forgo applying directly or indirectly for any ISO-NE capacity payments resulting from this energy efficiency project. This agreement is contingent upon continued approval and authorization by the Commission to recover said amounts from the System Benefits Charge. The rebate amount cannot exceed the total project costs.

Customer Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### POST-INSTALLATION INSPECTION

Utility Signature	Date	Total Project Cost (\$)	Amount of Rebate (\$)
Customer Signature	Date		

### MANAGEMENT APPROVAL

Utility Signature	Date
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# NE&C CHILLER REBATE WORKSHEET

Measure  (Notes 1,2)	Base Unit Rebate  (A)	Minimum Equipment Efficiency Criteria  (B) (Note 6)	Additional Rebate (\$)  (C)	Qty.	Unit Size (Net ARI Tons)  (D)	Estimated Full Load Hours  (Note 7)	Unit Efficiency  (E)	Total Rebate (\$)  (Note 3, 4)
Air Cooled Chillers  ≤ 150 tons	\$30/ton	10.2 EER	\$5/ton for each .1 EER point above min. criteria				EER:	
Air Cooled Chillers  > 150 to 300 tons	\$25/ton	10.2 EER	\$3/ton for each .1 EER point above min. criteria				EER:	
Water Cooled Chillers  30 up to 69 tons	\$25/ton	0.8 peak KW/ton	\$8/ton for each .01 KW/ton				KW/ton:	
Water Cooled Chillers  70 up to 149 tons	\$25/ton	0.74 peak KW/ton	\$8/ton for each .01 KW/ton point below min. criteria				KW/ton:	
Water Cooled Chillers  150 up to 299 tons	\$25/ton	0.64 KW/ton peak and 0.53 KW/ton IPLV	\$3/ton for each .01 KW/ton point below min. criteria				KW/ton peak:  KW/ton IPLV:	
Water Cooled Chillers  300 to 1000 tons	\$12/ton	0.58 KW/ton peak and 0.53 KW/ton IPLV	\$4/ton for each .01 KW/ton point below min. criteria				KW/ton peak:  KW/ton IPLV:	
<b>TOTAL</b>								

**Equipment Manufacturer and Model:** \_\_\_\_\_

## NOTES

1. Chiller equipment efficiency criteria are based on applicable ARI standards at ARI standard conditions using a non-CFC refrigerant. Attach copy of manufacturer's performance sheet showing both peak and part load efficiencies (KW/ton). Air cooled chiller efficiencies shall include condenser fan energy consumption. Tons should be ARI net capacity, not gross capacity. **Process chillers or chillers equipped with variable speed drives may go through a Custom Rebate. Rebates for water cooled chillers over 150 tons may be calculated using either peak or IPLV efficiency ratings.**
2. Driveline replacements for water-cooled chillers may be eligible for rebates under the Custom Rebate.
3. The rebate for air cooled chiller projects with efficiencies based on EER is calculated:  $[(A \times D) + (C \times (E - B) \times 10) \times D] \times \text{quantity}$ .
4. The rebate for water cooled chiller projects with efficiencies based on KW / ton is calculated:  $[(A \times D) + (C \times (E - B) \times 100) \times D] \times \text{quantity}$ .
5. Additional rebate (column C)  $(C \times (E - B) \times 10)$  for air cooled units or  $(C \times (E - B) \times 100)$  or water cooled units may not exceed \$52.00 per ton.
6. ARI standard conditions are as follows:  
Chillers - ARI standard 550/590-98 (Contact your Account Manager for additional information on this standard.)  
44°F leaving chiller water, 2.4 GPM/ton  
95°F entering condenser air temperature (air cooled only)  
85°F entering condenser water temperature (water cooled only)  
3.0 GPM/ton condenser water flow rate (water cooled only)
7. Chiller equivalent full load hours (EFLH) shall be estimated by a qualified engineer, technical representative, or technically qualified vendor.