

Energy Efficiency Rebates

2010 Business HVAC Program



Eligibility

- Roseville Electric's business retrofit heating/ventilation/air conditioning (HVAC) program is available to customers with a valid Roseville Electric business account. Residential customers—please contact Roseville Electric at 916-79-POWER to find out about residential energy efficiency programs.
- This program has a limited budget. Reservations for funds will be accepted on a first-come, first-served basis. Applications received without a reservation will only be approved if unencumbered funds are available. This program will run until funds are spent.
- Deadline to submit Application is December 31, 2010.

Please make a reservation prior to purchasing materials and beginning work.

Requirements

- Rebate items must be installed on the Roseville Electric account listed on the application.
- All invoices must be dated in the last 3 months to be considered. All rebate items must be purchased and installed prior to submitting an application for a rebate.
- In no case will the utility pay more than 100% of the actual non-taxed purchase price of the items to be rebated.
- Equipment must meet the technical requirements listed in this application form. Used or rebuilt equipment is not eligible. If you have questions, check with your Roseville Electric representative to confirm eligibility before purchasing products. Roseville Electric reserves the right to withhold payment for products that do not meet the requirements.
- Roseville Electric also reserves the right to inspect customer facility(ies) for installation of materials listed on this rebate application.

For more information:
call 79-POWER (797-6937) or visit
www.roseville.ca.us/electric

How to Apply

1. To Apply for A Fund Reservation

To apply for a fund reservation contact Roseville Electric before the materials are purchased and beginning work. A fund reservation can be made by the customer or by the installing contractor. Fax the following information to 916-774-5583, Attn: Business Rebate Reservation Request:

- Name of the customer as it appears on the utility bill.
- Street address and suite number where retrofit will occur.
- Customer contact name, phone number, and e-mail address.
- Contractor contact name, phone number, and license number.
- Estimated installation date.

For HVAC request include:

- HVAC schedule of existing and proposed AC units to include:
 - Make, model, size and age of existing AC units.
 - Make, model, and size of proposed AC units.
 - Specification sheet for proposed AC unit to include tons (or btu), SEER and EER ratings.

For reflective window film and cool roof request include:

- Square foot of material qualifying for the rebate.
- Manufacturer's specification sheet with required technical specifications.

Roseville Electric will review and fax back reservation acceptance or rejection.

2. To Apply for A Rebate

Complete the application form by multiplying the Number of Tons, Units or Sq. Ft. Purchased (Column A) times the Rebate Amount Per Ton, Unit or Sq. Ft. (Column B) and write the amount in Rebate Amount (Column C). Your rebate for each product type cannot exceed the price you paid for it, less taxes.

- Add all the rebate amounts in Column C. Write the Total Rebate amount in the space provided at the bottom of the worksheet.
- Attach the paid, itemized invoice(s). Be sure that the make and model number of each item appears on the invoice.
- Attach copy of manufacturers's specification sheet for each item installed.
- Fill out and sign the Customer Information section of the application form.
- Make a copy of this document for your records.
- Mail to Roseville Electric, 2090 Hilltop Cir., Roseville, CA 95747.

Technical Specifications

All equipment must be new. Used or rebuilt equipment is not eligible.

A. Unitary Air Conditioner or Heat Pump*

Rebates are for replacement units, and the tonnage rebated is based on capacity of the air conditioning unit that is being replaced.

Unitary air conditioners or heat pumps must meet efficiency requirements as listed in the pricing table. Units that are smaller than 5.4 tons must be equipped with a thermal expansion valve (TXV) to qualify for the rebate. Attach a manufacturer's specification sheet showing the equipment type, tons or Btu/hour, SEER, EER and IPLV, as appropriate. To calculate tonnage, take the capacity in Btu/hr at ARI design conditions, divide by 12,000 Btu/ton-hour and round to the nearest tenth. If Btu/hr and ton rating are not equivalent in product literature, rebate must be calculated using manufacturer's Btu/hr rating. Installing contractor must hold a valid C20—Warm-Air Heating, Ventilating and Air-Conditioning Contractor License with the California Contractors State License Board.

* A PROGRAMMABLE THERMOSTAT IS REQUIRED FOR UNITS THAT ARE LOCALLY CONTROLLED AND MUST MEET SPECIFICATIONS IN CATEGORY E.

B. Package Terminal Air Conditioner (PTAC) or Heat Pump*

Package terminal air conditioners and heat pumps that are through-the-wall or through-the-window air conditioner units and are 2 tons (24,000 Btu/hr) or less.

UNIT CAPACITY	MINIMUM EER
≤7,000 BTU/HR	11.29
>7,000 AND ≤24,000 BTU/HR	10.27

ATTACH A MANUFACTURER'S SPECIFICATION SHEET SHOWING SEER, EER AND CAPACITY IN BTU/HR OR TONS TO YOUR APPLICATION. UNITS MUST BE FACTORY LABELED "FOR REPLACEMENT APPLICATIONS ONLY."

C. Reflective Window Film

Film must have a minimum five-year manufacturer's warranty. Rebates are not available for windows with northern exposure or dual pane glass. Additionally, film must have either a solar heat gain coefficient of $< \text{or} = 0.39$ or less; OR have visible transmittance/solar heat gain coefficient (VT/SHGC) ratio of >1.3 . Space must be cooled by vapor-compression air conditioner. Include a manufacturer's specification sheet documenting SHGC and VT with your application, along with an invoice showing the square footage installed.

D. Evaporative Cooler

Contact Roseville Electric to schedule a site inspection before removing existing equipment. Must replace an existing, vapor compression air conditioning system, or the existing compressor must be made inoperative. Tonnage on application is based on capacity of central air conditioning unit that is being replaced. Installing contractor must hold a valid C20—Warm-Air Heating, Ventilating and Air-Conditioning Contractor License with the California Contractors State License Board.

E. Programmable Thermostat

Thermostats purchased with a new system do not qualify. Heat pumps require a 2 stage thermostat. Must have ENERGY STAR label.

F. Cool Roofs

Roof must be flat or "low slope" with no more than a 2/12 pitch and the cool roof material must be applied over an electrically driven air-conditioned space. The roof must not have a radiant barrier between the ceiling and the surface of the roof. Only the area of cool roof applied over conditioned space qualifies for a rebate. Eligible products must have a Solar Reflectance of ≥ 0.65 , an Initial Thermal Emittance of ≥ 0.75 , carry a minimum five-year manufacturer's warranty, and be rated by the Cool Roof Rating Council (CRRC—www.coolroofs.org/ratedproductsdirectory.html). Installation contractors must have a valid California contractor's license and must provide a 2-year warranty that must be printed on or attached to the invoice. Provide total square footage of project and the square footage over conditioned space.

HVAC Abbreviations

EER: Energy Efficiency Ratio

SEER: Seasonal Energy Efficiency Ratio

IPLV: Integrated Part-Load Value

HSPF: Heating Seasonal Performance Factor

ARI: American Refrigeration Institute

db: dry-bulb

wb: wet-bulb

COP: Coefficient of Performance

SHGC: Solar Heat Gain Coefficient, a measure of the solar energy entering the building through the entire window

VT: Visible Transmittance, the percentage of visible light transmitted by a window

PRE-INSPECTION REQUIRED

* MAKE, MODEL, AGE, SIZE IN TONS AND APPROXIMATE SEER/EER RATING OF EQUIPMENT BEING REMOVED MUST BE PROVIDED.

EQUIPMENT CATEGORY					NUMBER OF TONS, UNITS OR SQUARE FEET PURCHASED	REBATE/TON, UNIT OR SQUARE FEET	REBATE AMOUNT
					A	B	C=AXB
A. UNITARY (PACKAGED) AIR CONDITIONER OR HEAT PUMP*							
EQUIPMENT TYPE	SIZE CATEGORY	SUB-CATEGORY	AC & HP EFFICIENCY IN COOLING MODE	HP ONLY EFFICIENCY IN HEATING MODE (COP AT 47°F DB/43°F WB OUTDOOR AIR)			
AIR-COOLED	< 65 kBtu/HR (<5.4 TONS)	SPLIT SYSTEM W/TXV	12.0 EER AND 14.0 SEER	8.5 HSPF		\$120.00/TON	
		SINGLE PACKAGE W/TXV	11.6 EER AND 14.0 SEER	8.0 HSPF			
	≥ 65 kBtu/HR AND < 135 kBtu/HR (≥ 5.4 TONS AND < 11.3 TONS)	SPLIT SYSTEM AND SINGLE PACKAGE	11.0 EER 11.4 IPLV	3.4 COP		\$100.00/TON	
		SPLIT SYSTEM AND SINGLE PACKAGE	10.8 EER 11.2 IPLV	3.3 COP		\$100.00/TON	
	> 240 kBtu/HR (> 20 TONS)	SPLIT SYSTEM AND SINGLE PACKAGE	10.0 EER 10.4 IPLV	3.3 COP		\$100.00/TON	
WATER SOURCE HP; WATER/EVAP. COOLED AC	< 135 kBtu/HR (< 11.3 TONS)	SPLIT SYSTEM AND SINGLE PACKAGE	14.0 EER @ 85° ENTERING WATER	4.6 COP @ 70° ENTERING WATER		\$100.00/TON	
WATER/EVAP. COOLED AC	≥ 135 kBtu/HR (≥ 11.3 TONS)	SPLIT SYSTEM AND SINGLE PACKAGE	14.0 EER	NOT APPLICABLE		\$100.00/TON	
B. PACKAGE TERMINAL AC (PTAC) OR HEAT PUMP*						\$100.00/UNIT	
C. REFLECTIVE WINDOW FILM						\$1.35/SQ. FT.	
D. EVAPORATIVE COOLER						\$70.00/TON	
E. PROGRAMMABLE THERMOSTAT						\$35.00/UNIT	
F. COOL ROOF						\$0.10/SQ. FT.	
TOTAL REBATE AMOUNT						\$	

 PRE-INSPECTION REQUIRED

* MAKE, MODEL, AGE, SIZE IN TONS AND APPROXIMATE SEER/EER RATING OF EQUIPMENT BEING REMOVED MUST BE PROVIDED.

Customer Information

ROSEVILLE ELECTRIC ACCOUNT NUMBER		RATE SCHEDULE	
NAME OF COMPANY OR OWNER (AS IT APPEARS ON YOUR ELECTRIC BILL)			
ADDRESS WHERE ITEMS WERE INSTALLED		DATE ITEMS WERE INSTALLED	
ADDRESS OF COMPANY OR OWNER	CITY	STATE	ZIP
NAME OF CONTACT PERSON	PHONE	FAX	E-MAIL

Qualifying rebates will be credited to the account specified above. Credit will appear on the next available electric statement.

IN LIEU OF THE BILL CREDIT, A REBATE CHECK CAN BE PRODUCED BUT MAY REQUIRE UP TO 30 DAYS TO PROCESS.

CHECK HERE IF SAME AS ELECTRIC ACCOUNT

CHECK SHOULD BE MADE PAYABLE TO

CHECK HERE IF SAME AS ELECTRIC ACCOUNT

CHECK SHOULD BE MAILED TO

JOB NUMBER

Terms and Conditions

I HAVE READ AND UNDERSTAND THE PROGRAM REQUIREMENTS SET FORTH IN THESE APPLICATION FORMS AND AGREE TO ABIDE BY THESE REQUIREMENTS. I HAVE ATTACHED THE REQUIRED DOCUMENTATION FOR THE PROGRAM UNDER WHICH I AM APPLYING. I CERTIFY THAT THE INFORMATION PROVIDED ON THIS APPLICATION AND ASSOCIATED REQUIRED DOCUMENTATION IS TRUE AND CORRECT.

AS A QUALIFIED ROSEVILLE ELECTRIC CUSTOMER, I CERTIFY THAT I PURCHASED AND INSTALLED THE INDICATED ENERGY-SAVING PRODUCTS FOR USE IN MY BUSINESS FACILITY AND NOT FOR RESALE, AND THAT ALL EQUIPMENT INSTALLED IS NEW, NOT REBUILT, REMANUFACTURED, OR USED EQUIPMENT. I AGREE TO MANDATORY PROJECT INSPECTIONS BY ROSEVILLE ELECTRIC, AND/OR THEIR DESIGNEES FOR INSTALLED EFFICIENCY MEASURES.

I AGREE THAT THE SELECTION, PURCHASE, AND OWNERSHIP OF THE EQUIPMENT IS MY SOLE RESPONSIBILITY. ROSEVILLE ELECTRIC MAKES NO REPRESENTATION AS TO THE SAFETY, RELIABILITY, AND/OR EFFICIENCY OF THE EQUIPMENT SELECTED OR COMPONENTS SELECTED TO MEET THE PROGRAMS INTENT.

I AGREE THAT IF I CEASE TO BE A DISTRIBUTION CUSTOMER OF ROSEVILLE ELECTRIC, OR I DO NOT PROVIDE ROSEVILLE ELECTRIC WITH 100% OF THE RELATED ENERGY BENEFITS FOR THE LIFE OF THE PRODUCT OR FOR A PERIOD OF FIVE (5) YEARS FROM RECEIPT OF REBATE, WHICHEVER COMES FIRST, I SHALL REFUND A PRORATED AMOUNT OF THE REBATE DOLLARS TO ROSEVILLE ELECTRIC.

THE CITY OF ROSEVILLE RETAINS ALL RIGHTS OF OWNERSHIP TO CURRENT AND FUTURE "RENEWABLE ENERGY CREDITS" (REC), "TRADABLE RENEWABLE CREDITS" (TRC), AND/OR CERTIFICATES FOR GREEN HOUSE GAS EMISSIONS, AND "RENEWAL" OR "ENVIRONMENTAL" CREDITS ASSOCIATED WITH THIS ENERGY EFFICIENCY PROJECT. THE CITY MAY TRADE AND/OR UTILIZE THESE CREDITS, WITHOUT NOTICE, AS DEEMED NECESSARY AND VALUABLE FOR THE BENEFIT OF CITY ELECTRIC RATEPAYERS.

TAX LIABILITY—YOU ARE URGED TO CONSULT YOUR TAX ADVISOR CONCERNING THE TAXABILITY OF REBATES. ROSEVILLE ELECTRIC IS NOT RESPONSIBLE FOR ANY TAXES THAT MAY BE IMPOSED ON YOUR BUSINESS AS A RESULT OF YOUR RECEIPT OF THIS REBATE.

CUSTOMER SIGNATURE _____ DATE _____

PRINT NAME

Return Application to:

Roseville Electric
Energy Efficiency Programs
2090 Hilltop Circle
Roseville, CA 95747

Date Received:	SIC:	kW Reduced:
Pre-Field Inspection Date:	Post-Field Inspection Date:	kWh Reduced:
Fund Source: Public Benefit	Refund Amount:	
Authorized by:	Date Approved:	



Roseville Electric