

CITY AND BOROUGH OF SITKA

ORDINANCE NO. 2012-02

AN ORDINANCE OF THE CITY AND BOROUGH OF SITKA AMENDING SITKA GENERAL CODE CHAPTER 15.01. ENTITLED "ELECTRIC UTILITY POLICIES" BY ADDING AN ADDITIONAL DEFINITION IN SECTION 15.01.005 REGARDING "ENERGY STAR RATED ELECTRICAL APPLIANCES" AND A NEW SECTION 15.01.090 ENTITLED "REBATE PROGRAM FOR ELECTRICAL ENERGY EFFICIENT APPLIANCES AND ELECTRIC HEAT PUMP HEATING SYSTEMS"

1. CLASSIFICATION. This ordinance is of a permanent nature and is intended to become a part of the Sitka General Code ("SGC").

2. SEVERABILITY. If any provision of this ordinance or any application to any person or circumstance is held invalid, the remainder of this ordinance and application to any person or circumstance shall not be affected.

3. PURPOSE. The City and Borough of Sitka has reached maximum utilization of available hydroelectric generation. Consequently, supplemental diesel generation will be necessary to meet system requirements. Supplemental diesel generation is both expensive and produces harmful emissions. Enacting a rebate program to encourage residential consumers to replace old electric appliances with new energy efficient appliances, as well as electric resistance heat systems such as electric baseboard heaters, electric plug-in heaters, and electric boilers with electric heat pump heating systems. This will yield significant benefits in reducing system load, lessen the need for supplemental diesel generation, and lower the ratepayer's electric energy costs. Further, establishment of a rebate program demonstrates the City and Borough of Sitka's commitment to improve energy efficiency and promote energy conservation.

Various types of rebate programs have been offered by the State of Alaska and in other communities throughout the United States to reduce electrical costs and facilitate energy savings. Currently, there are some funds available for this program.

4. ENACTMENT. NOW, THEREFORE, BE IT ENACTED by the Assembly of the City and Borough of Sitka that the SGC 15.01 is amended at Section 15.01.005 by adding a new definition and by adding a new Section 15.01.090 to read as follows (new language underlined; deleted language stricken):

Chapter 15.01
ELECTRIC UTILITY POLICIES

- Sections:
15.01.005 Definitions.
15.01.010 Statement of purpose.

- 46 15.01.015 Construction guidelines.
- 47 15.01.020 Electrical rates.
- 48 15.01.025 Customer and city rights and responsibilities.
- 49 15.01.030 Billing—Credit—Deposits—Fees.
- 50 15.01.035 General requirements.
- 51 15.01.040 Service connections.
- 52 15.01.045 Line extension.
- 53 15.01.050 Subdivisions.
- 54 15.01.055 Mobile home parks, RV parks, private marinas and boat docks.
- 55 15.01.060 Rental structures.
- 56 15.01.065 Motors and controllers.
- 57 15.01.070 Undesirable characteristics.
- 58 15.01.075 Special equipment.
- 59 15.01.080 Customer generation.
- 60 15.01.085 Carrier current.
- 61 15.01.090 Rebate program for electrical energy efficient appliances and electric
- 62 heat pump heating systems.

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64 **15.01.005 Definitions.**

65 * * *

66 “Energy Star rated electric appliances” means a voluntary labeling program
67 established by the U.S. Environmental Protection Agency in cooperation with the
68 U.S. Department of Energy, designed to identify and promote energy-efficient
69 products.

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72 **15.01.090 Rebate program for electrical energy efficient appliances and**
73 **electric heat pump heating systems.**

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75 A. General Requirements. All residential customers are eligible to participate
76 in the rebate program, subject to the rules and procedures developed by
77 the Electric Department, and funding of the program.

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79 B. Eligible Equipment. Only the following products are eligible for the
80 rebate program:

- 81
- 82 1. New Energy Star rated electric appliances that replace in the
83 residence existing non-Energy Star rated electric hot water heaters,
84 clothes washing machines, refrigerators, or freezers; and

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2. Electric heat pump heating system that replaces an existing electric resistance heating systems, such as electric baseboard heaters, electric plug-in heaters, and electric boilers, if it is the primary heating source for the residence.

C. Rebates. Residential customers requesting a rebate shall submit a signed rebate request using Electric Department forms within 60 days of the purchase of the rebate eligible product. Rebates will be issued within 60 days of receipt of the form to any eligible customers that meet the terms and conditions of the program.

D. Disposal. Proper disposal of old appliances must be documented to be eligible for the rebate program.

E. Funding. The rebate program is subject to available funding.

5. **EFFECTIVE DATE.** This ordinance shall become effective thirty days after the date of its passage. This ordinance will sunset on June 30, 2013 unless the Assembly repeals this sunset provision by passage of another ordinance.

PASSED, APPROVED, AND ADOPTED by the Assembly of the City and Borough of Sitka, Alaska this 24th day of January, 2012.

Cheryl Westover, Mayor

ATTEST:

Colleen Ingman, MMC
Municipal Clerk



**City & Borough of Sitka
Electric Department**

106 Jarvis Street, Sitka AK. 99836
Telephone: 907-747-4000 Fax: 907-747-3208



Memorandum

January 17, 2012

To: General Assembly, City and Borough of Sitka
Via: Jim Dinley, Municipal Administrator
From: Christopher Brewton, Utility Director
Subject: **Appliance Rebate Program**

On January 10, 2012, the Assembly approved in first reading a proposed appliance rebate program. Additional information was requested and attached are samples of the appliance rebate forms that would be used to implement the program.

The recommended rebate amount takes into consideration the potential energy savings, the estimated appliance cost, and a bit of variety to encourage participation by a wide range of customers. Table 1 below provides an estimate of potential cost and energy savings for various appliances. Please note these are averages and represent an overall national rating for Energy Star appliances. This is similar to asking which has better gas mileage, a Ford or Chevy and the answer of course depends on many variables. The specific energy savings of any product would be based on the actual appliances involved.

<u>Appliance</u>	<u>Cost Range</u>	<u>Energy Savings</u>	<u>Old Unit</u>	<u>New Unit</u>	<u>Rebate Amount</u>	<u>Annual Savings</u>	<u>5 - YR Energy Star Savings</u>
Clothes Washer	\$500 - \$1100	37%	750 kWh	472 kWh	\$400	278 kWh	\$675
Refrigerator	\$700 - \$2,000	20%	1,285 kWh	1,028 kWh	\$400	257 kWh	\$480
Freezers	\$650 - \$1200	20%	845 kWh	676 kWh	\$400	169 kWh	\$245
Heat Pump Water Heater	\$1200 - \$2150	62%	4,880 kWh	1,855 kWh	\$600	3,025 kWh	\$1,512

Table 1 - Estimated Energy Savings

The energy savings calculation for a heat pump installation is not included as each installation will have specific requirements. With modern heat pump installations, a Coefficient of Performance greater than 3 can be achieved at very low outside air temperatures. In practical terms, with this system, at an outside air temperature of 5^o F, the indoor air temperature discharge from the heat pump is over 106^o F. And this is accomplished using 2 to 3 times less energy than a comparable electric heating system.



City and Borough of Sitka

Freezer

Energy Star Rebate Form

Receive a \$400 rebate when you purchase a new qualified ENERGY STAR freezer and dispose of the replaced freezer. (Proof of disposal required)



Terms and Conditions:

1. Your new freezer must be purchased after January 1, 2012. The offer continues until the funds in the program have been used.
2. Complete this rebate request form and return it to the Electric Department.
3. Attach a copy of the receipt. The receipt must include name of retailer, retailer address, phone number, purchase date, product manufacturer, and model number.
4. You must provide documentation that the old appliance has been disposed of. This requires a receipt confirming the Transfer Station has received your old appliance.
5. The sign and date of this rebate form must be within 60 days of the purchase date at the time you return the completed form with all documentation to the Electric Department.

Customer Information

Name:		Phone:	
Installation Address:			
City:	State:	Zip:	
Mailing Address (if different):			
City:	State:	Zip:	

New Freezer Information

Date Purchase:	Date Installed:
Retail Store Purchase From:	
Manufacturer:	
Model Number:	Serial Number:

Old Freezer Information

Model Number:	Is your old freezer in working condition?(circle) Yes No
Name or haul away company/drop-off site:	Haul away date:

Rebate Program Participant Signature:

I hereby certify that all information is accurate including claims of customer and equipment information. I have read all the terms and conditions on the reverse side of this form and acknowledge that the City and Borough of Sitka can verify all the information.

Participant Signature:	Date:
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City and Borough of Sitka

Heat Pump

Energy Star Rebate Form



**Receive a \$1,500 rebate when you purchase a new qualified ENERGY STAR heat pump and dispose of the old electric heating system.
(Proof of disposal required)**

Complete this form and return it to the Electric Department

Customer Information

Name:

Phone:

Installation Address:

City:

State:

Zip:

Mailing Address (if different):

City:

State:

Zip:

Homeowner Eligibility

What type of primary electric heat does the house have? Zonal Electric Hydronic
If zonal, where are the heating units located? (check all that apply) Ceiling Wall Baseboard Floor

Does the home have a secondary heating system? Yes No

If yes, what type? (check one) Freestanding Stove Fireplace Other _____

If yes, what type of fuel? (check one) Wood Pellets Propane Kerosene

Oil Other _____

Which of the following describes the home? Detached single-family home Duplex
 Triplex Fourplex

Site Information

Has this party occupied the home for more than one year? Yes No

Is this home a primary residence? Yes No

Who occupies this home? Homeowner Renter Other _____

Total number of occupants living in home: _____

Number of occupants under 25 years: _____ between 25-39 years: _____ between 40-65 years: _____ 65+ years: _____

Number of stories in house: _____

Number of bedrooms in house: _____

House/Unit square footage: (If unknown, please estimate) _____

Year home was built: (If unknown, please estimate) _____

Foundation Type: Basement Crawlspace Slab Other _____

Has your home been insulated/weatherized? Yes No

Terms and Conditions:

OFFICIAL FORM: *this form and any required additional documentation, including installation invoice, must be filled out completely, truthfully, and accurately. The City and Borough of Sitka will not be responsible for lost documentation pertaining to the submission of this form. Rebate Program details, including Incentives are subject to change without prior notice.*

HOMEOWNER ELIGIBILITY: *To be eligible for incentive payment, the resident must use permanently installed zonal electric resistance heat as the primary source of heat and have the system installed throughout the resident. EXCEPTION: In some utility areas single family site built homes that use a permanently installed electric forced air furnace as their primary heat source may qualify. A qualifying home cannot: (1) be new construction, (2) have a fossil fuel central forced air or fossil fuel hydronic heating system, (3) have a ducted heat pump system, nor (4) have a temporary foundation. The resident must (1) allow their utility to make their billing history available to the Rebate Program for up to two years prior to and two years post installation, and (2) agree to participate in the rebate program evaluation activities.*

ELIGIBILITY: *to be eligible for incentive payment, (1) heat pumps (both air and ground source) must be purchased after January 1, 2012, (2) installed at the location indicated on the previous page, (3) participants must be able to provide a copy of the receipt of purchase proving it's Energy Star rating, price, and date. The receipt must include name of retailer, retailer address, phone number, purchase date, product manufacturer, and model number. The participant must also provide documentation that the old heating system was removed and sent to the Transfer Station. The sign and date of this rebate form must be within 60 days of the purchase date at the time you return the completed form with all documentation to the Electric Department.*

VERIFICATION AND INSPECTION: *Participating homes are subject to onsite inspections in order to verify that the system meets the Rebate Program's standards and that the home meets eligibility guidelines. No warranty is implied by this inspection.*

FACSIMILE/SCANNED: *Facsimile transmission of any signed original document, and the retransmission of any signed facsimile transmission, shall be the same as delivery of the original signed document. Scanned original documents transmitted to the Rebate Program as an attachment via electronic mail shall be the same as delivery of the original signed document. At the request of the Rebate Program, the participant shall confirm documents with a facsimile transmitted signature or a scanned signature by providing the original document.*

TAX LIABILITY: *Neither the Rebate Program nor the contractor is responsible for any tax liability, which may be imposed on the participants as a result of payment of any incentives or as a result of obtaining financing.*

DISCLAIMER/NO LIABILITY: *The participant understands that the Rebate Program is not supervising work performed for the participants and is not responsible for proper completion of that work or proper performance of any products purchased. The participant assumes the risk of any loss or damage in connection with installation. The Rebate Program does not guarantee any particular energy savings results by its approval of installation.*

ENDORSEMENT: *The Rebate Program does not endorse any particular manufacturer, contractor, or product in promoting air or ground-source heat pumps. The fact that the names of particular manufacturers, contractors, or products may appear on the Rebate Program materials does not constitute an endorsement. Manufacturers, contractors, or products not mentioned are not implied to be unsuitable or defective in any way.*

SAFETY AND BUILDING CODES: *The participant agrees to pursue compliance with federal, state, and local building and environmental codes for the installation of this produce. The contractor certifies products have been installed consistent with manufacturer instructions.*

PROPERTY RIGHTS: *The participants must have proper authority to install the heat pump system on the designated property or has obtained any necessary consent from the landlord.*

ACCESS AND EVALUATION: *The Rebate Program and its representatives may request access to the property on which the heat pump system was installed to review and evaluate the system during and after the Rebate Program completion. The participant agrees to provide reasonable access to the property for the purposes described herein. In addition, the Rebate Program may contact the participants for survey participation and project feedback.*

I hereby certify that all information is accurate including claims of customer and equipment information. I have read and am in compliance with all the terms and conditions listed above

Participant Signature:

Date:

How did you hear about the Energy Star Rebate Program? Electric Bill Electric Department Website
 Radio TV Newspaper Facebook, Twitter Family/Friend
 Retail Store Other _____

Heat Pump Hot Water Heater



City and Borough of Sitka

Energy Star Rebate Form

Receive a \$600 rebate when you purchase a new qualified ENERGY STAR hot water heater and dispose of the replaced hot water heater. (Proof of disposal required)



Terms and Conditions:

1. Your new hot water heater must be purchased after January 1, 2012. The offer continues until the funds in the program have been used.
2. Complete this rebate request form and return it to the Electric Department.
3. Attach a copy of the receipt. The receipt must include name of retailer, retailer address, phone number, purchase date, product manufacturer, and model number.
4. You must provide documentation that the old appliance has been disposed of. This requires a receipt confirming the Transfer Station has received your old appliance.
5. The sign and date of this rebate form must be within 60 days of the purchase date at the time you return the completed form with all documentation to the Electric Department.

Customer Information

Name:		Phone:	
Installation Address:			
City:	State:	Zip:	
Mailing Address (if different):			
City:	State:	Zip:	

New Hot Water Heater Information

Date Purchase:	Date Installed:
Retail Store Purchase From:	
Manufacturer:	
Model Number:	Serial Number:

Old Hot Water Heater Information

Model Number:	Is your old hot water heater in working condition?(circle) Yes No
Name or haul away company/drop-off site:	Haul away date:

Rebate Program Participant Signature:

I hereby certify that all information is accurate including claims of customer and equipment information. I have read all the terms and conditions on the reverse side of this form and acknowledge that the City and Borough of Sitka can verify all the information.

Participant Signature:	Date:
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City and Borough of Sitka

Refrigerator

Energy Star Rebate Form

Receive a \$400 rebate when you purchase a new qualified ENERGY STAR refrigerator and dispose of the replaced refrigerator. (Proof of disposal required)



Terms and Conditions:

1. Your new refrigerator must be purchased after January 1, 2012. The offer continues until the funds in the program have been used.
2. Complete this rebate request form and return it to the Electric Department.
3. Attach a copy of the receipt. The receipt must include name of retailer, retailer address, phone number, purchase date, product manufacturer, and model number.
4. You must provide documentation that the old appliance has been disposed of. This requires a receipt confirming the Transfer Station has received your old appliance.
5. The sign and date of this rebate form must be within 60 days of the purchase date at the time you return the completed form with all documentation to the Electric Department.

Customer Information

Name:		Phone:	
Installation Address:			
City:	State:	Zip:	
Mailing Address (if different):			
City:	State:	Zip:	

New Refrigerator Information

Date Purchase:	Date Installed:
Retail Store Purchase From:	
Manufacturer:	
Model Number:	Serial Number:

Old Refrigerator Information

Model Number:	Is your old refrigerator in working condition? (circle) Yes No
Name or haul away company/drop-off site:	Haul away date:

Rebate Program Participant Signature:

I hereby certify that all information is accurate including claims of customer and equipment information. I have read all the terms and conditions on the reverse side of this form and acknowledge that the City and Borough of Sitka can verify all the information.

Participant Signature:	Date:
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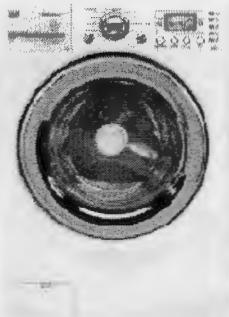


City and Borough of Sitka

Washing Machine

Energy Star Rebate Form

Receive a \$400 rebate when you purchase a new qualified ENERGY STAR washing machine and dispose of the replaced washing machine. (Proof of disposal required)



Terms and Conditions:

1. Your new washing machine must be purchased after January 1, 2012. The offer continues until the funds in the program have been used.
2. Complete this rebate request form and return it to the Electric Department.
3. Attach a copy of the receipt. The receipt must include name of retailer, retailer address, phone number, purchase date, product manufacturer, and model number.
4. You must provide documentation that the old appliance has been disposed of. This requires a receipt confirming the Transfer Station has received your old appliance.
5. The sign and date of this rebate form must be within 60 days of the purchase date at the time you return the completed form with all documentation to the Electric Department.

Customer Information		
Name:		Phone:
Installation Address:		
City:	State:	Zip:
Mailing Address (if different):		
City:	State:	Zip:
New Washing Machine Information		
Date Purchase:		Date Installed:
Retail Store Purchase From:		
Manufacturer:		
Model Number:		Serial Number:
Old Washing Machine Information		
Model Number:	Is your old washing machine in working condition?(circle) Yes No	
Name or haul away company/drop-off site:		Haul away date:
Rebate Program Participant Signature:		
<i>I hereby certify that all information is accurate including claims of customer and equipment information. I have read all the terms and conditions on the reverse side of this form and acknowledge that the City and Borough of Sitka can verify all the information.</i>		
Participant Signature:		Date: