



# TWIN VALLEYS

PUBLIC POWER DISTRICT

## REBATES FOR ELECTRIC SPACE AND WATER HEATING

<u>System Type</u>	<u>SEER Rating</u>	<u>TVPPD Rebate</u>	<u>EnergyWise Rebate</u>	<u>Total</u>
<b>Air Source Heat Pump—add on</b> (natural gas or propane backup)	14	\$300	\$200	\$500
	15	\$350	\$250	\$600
	16+	\$400	\$300	\$700
<b>Air Source Heat Pump</b> (electric furnace backup)	14	\$500	\$200	\$700
	15	\$550	\$250	\$800
	16+	\$600	\$300	\$900
<b>Geo-thermal Heat Pump</b>	Any EER	\$600	\$400	\$1000
<b>Resistance Heat</b> (furnace, baseboard or cove)		\$200		\$200
<b>Resistance Water Heat</b> (40 gallon or larger)		\$250		\$250
<b>Desuperheater</b> (heat pump water heating system)		\$150		\$150

### Guidelines:

1. Incentives apply for new construction, conversion from fossil fuel to electric or air conditioning to a heat pump, and upgrades of existing heat pumps to a new pump.
2. Heat pumps must be ENERGY STAR qualified which requires a 14 SEER and 8.2 HSPF or higher rating.
3. All space heating and water heating equipment must be permanently installed and operating in a residential single-family dwelling.
4. Mobile homes must be on a permanent foundation.
5. A cabin must be heated during the winter months of October to May and be on the monthly rate.
6. Duplexes or Condominiums must be separately metered to be eligible.
7. The installing dealer must do a "performance verification" test per NPPD guidelines to assure that the heat pump is operating within 10% of the manufacturer's specifications.
8. When a combination of two or more heat pumps is installed in the same house, both or all are eligible for the full rebate amount.
9. Package Terminal Heat Pumps (PTHP's) are not eligible. Only split system heat pumps with a ducted supply and return system and the duct-less mini-splits are eligible.
10. Installation of the water heater must be new or a conversion from a fossil fuel and in connection with electric heating being added. The home needs to qualify for Twin Valleys Public Power District's "all-electric" rate.
11. A copy of the paid invoice must accompany the rebate request.
12. The desuperheater rebate and the resistance water heater rebate can both be received by the homeowner if both are installed.

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### **EnergyWise Low Interest (2.5%) Loan Program**

- Through the Nebraska Energy Office’s “Dollar and Energy Savings Loan Program”
- Loans are administered by over 600 financial institutions across the state
- The loan will have an interest rate of 2.5% instead of the normal 5%
- This EnergyWise program is only for heat pumps (air source or geothermal)
- The loan may include the backup furnace (electric or fossil fuel), thermostat, and ductwork
- Minimum efficiency requirements
  1. Air source heat pump—14.0 SEER and 8.2 HSPF
  2. Back up furnace options: Electric—any model  
Natural Gas or Propane—90% AFUE or more (a heat pump must be installed for a fossil fuel furnace to be eligible)
  3. Water Loop heat pumps—14.0 EER and 2.6 COP
  4. Thermostats—Heat pumps with electric furnace backup must be installed with a ramp-up type thermostat especially designed to bring on backup heat in stages.
- The EnergyWise loan program is for any customer of Twin Valleys Public Power District, Nebraska Public Power District or their wholesale utility customers
- The customer can get either the EnergyWise Loan or the cash incentive, **not both**

### **How does a customer proceed with a loan?**

- Contact the financial institution of their choice and apply for the 2.5% EnergyWise Loan through the Nebraska Energy Office’s “Dollar and Energy Savings Loan Program”
- If their financial institution of choice is not aware of the program or handle these loans they may contact the Nebraska Energy Office at 402-471-2867

### **Miscellaneous**

- The customer cannot proceed with the installation until the Nebraska Energy Office has processed the loan paperwork. This can take as many as 10 days. If there is a medical issue, contact the Nebraska Energy Office at 402-471-2867 to see if prior approval can be received
- The loan is only available for homes that are at least 5 years old. New construction is eligible for the cash incentive only
- The heat pump verification is required for both the loan and the cash incentive

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## Heat Pump Tax Credits

### **Air Source Heat Pumps—\$300**

- Must be placed into service from January 1, 2011 to December 31, 2011
- Minimum requirements: SEER-15 and HSPF-8.5
- A manufacturer's certification statement is required (signed statement stating that the heat pump does qualify for the tax credit)
- For existing homes only

### **Geothermal Heat Pumps—30% of the total cost with no limit**

- Must be placed into service from January 1, 2008 to December 31, 2016
- Closed loop system—minimum efficiency ratings of EER-14.1 and COP-3.3
- Open loop system—minimum efficiency ratings of EER-16.2 and COP-3.6
- Direct expansion system—minimum efficiency ratings of EER-15 and COP-3.5
- A manufacturer's certification statement is required (signed statement stating that the heat pump does qualify for the tax credit)
- For existing homes and new construction

### **Electric heat pump water heater —\$300**

- Must be placed into service from January 1, 2011 to December 31, 2011
- Minimum requirement: Energy factor is equal to or greater than 2.0
- A manufacturer's certification statement is required (signed statement stating that the heat pump water heater does qualify for the tax credit)
- For existing homes only

**These are federal tax credits. Consultate your tax accountant.**

**These tax credits are in addition to the rebates you receive from Twin Valleys Public Power District and the EnergyWise program.**

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