# W.I.S.E. Residential Loan Program

With a W.I.S.E. loan, it's easy to finance high-efficiency heat pump systems and other qualifying energy efficiency improvements!

Any residential customer who receives electric service from an OMPA member city is eligible for a WISE loan.

Qualified residential customers can receive a below-market interest rate for either an unsecured loan or a home equity loan for energy efficiency improvements. Examples of qualifying measures include new heat pumps and air conditioners, extra insulation, storm/thermal windows and doors, caulking, weather-stripping, programmable thermostats, ceiling fans, attic ventilation fans, etc.

W.I.S.E. loan financing is available through the Bank of Oklahoma (BOK) for amounts ranging from $1,000 to $100,000, depending on whether applying for an unsecured personal loan or a home equity loan. Repayment schedules are 36 months to 15 years, again dependent upon the type of loan requested and the loan amount. The financing covers everything needed for proper installation and operation of the qualifying measures.

**Features:**

- **No down payment is required**
- **Quick application turn-around**
- **Below-market rates**
- **Fixed rate for the life of the loan**

For additional information, contact your local electric utility.

**For general information on heat pumps and air conditioners**

EPA Energy Star
www.energystar.gov
U.S. Department of Energy
www.eere.energy.gov
Air-Conditioning, Heating and Refrigeration Institute
www.ahrinet.org

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# W.I.S.E. Rebate & Loan Program

*effective 01/2011*


Ways I Save Electricity™

*for participating OMPA member cities*

# What Are Heat Pumps?

Heat pumps provide both heating and cooling capabilities in one system, using refrigeration equipment to supply warm air in the winter and cool air in the summer.

Electric heat pumps do not burn fuel to make heat. Instead they move existing heat from one place to another. In the winter, the unit takes heat from outside and pumps it into your building. In the summer, it takes heat from inside and pumps it outside, just like a central air conditioning unit. Heat pumps have a higher overall efficiency rating than other systems, because they move heat rather than generate it.

We encourage our residential and commercial customers, HVAC contractors and builders to purchase and install one of three types of heat pumps:

* Geothermal (ground-source) heat pump (GHP)
* Air-source heat pump (ASHP)
* Dual-fuel heat pump (DFHP)

Geothermal heat pumps typically use water (or antifreeze) circulated through looped pipe buried in the ground to heat and cool. In the winter the liquid absorbs the earth's heat and in the summer the heat is removed from the building and transferred to the earth.

The efficiency of air-source heat pumps falls during extremely cold weather and backup heating is usually needed. Air-source heat pumps often use electric strip heating for backup. Dual-fuel heat pumps are air-source heat pumps that use a gas or propane furnace as backup heating. Dual-fuel systems take advantage of the efficiencies of both units.

Replacing your current heating and cooling system with a heat pump or high-efficiency air-conditioner may cost more up front, but you will see savings on your heating and cooling costs year round!

Still need another good reason to install a heat pump or high-efficiency air conditioner? If you install an approved unit you could be eligible for a rebate and/or a low-interest loan.

# WISE Rebate Program

Rebates are available for qualifying high-efficiency electric heat pumps and air conditioners for residential and commercial/industrial customers. This brochure summarizes the most important conditions and criteria- see *www.ompa.com/programs/wise-rebate-program/* for complete details.

## Qualifying Customers/Locations

- Customer/location must receive electric service from an OMPA member city that participates in the WISE Rebate Program.
- Residential (single-family and multi-family) and commercial/industrial customers/locations qualify.
- Each customer/location can only qualify once for these rebates, unless
  - significant building additions cause the installation of additional heat pumps or air conditioners, or
  - at least ten years have elapsed since the previous rebate award
- Mobile homes **do not qualify** (with rare exceptions)

## Qualifying Equipment Criteria

- Electric heat pumps and/or air conditioners must
  - be permanently installed split or single-packaged units (window units do not qualify)
  - be certified by the Air Conditioning, Heating and Refrigeration Institute (AHRI) - see *www.ahridirectory.org* for certified equipment
  - meet the program's minimum efficiency standards (see below)
- DFHP installations must also meet the following criteria:
  - an outdoor thermostat must ensure that, under normal operating conditions, the electric heat pump heats the house whenever the outdoor air temperature is above 40°F.
  - the indoor thermostat must be wired so that, when outdoor temperatures exceed 40°F, the auxiliary heat source will operate only when the indoor thermostat is manually set on the "emergency heat" setting.
- GHP installations must have an operating desuperheater installed (in most cases).
- GHPs installed with gas (natural gas or propane) backup heating systems **will not qualify for the GHP rebate** but will qualify for the DFHP rebate.

### WISE Minimum Standards and Rebates

*effective January 1, 2011*

**Geothermal (Ground-Source) Heat Pumps***
- Energy Efficiency Ratio (EER) 16.1
- Rebate Amount: **$800/ton**

**Air-Source (or Dual Fuel) Heat Pumps**
- Seasonal Energy Efficiency Ratio (SEER) 15.0
- Rebate Amount: **$250/ton**

**Air Conditioners**
- Seasonal Energy Efficiency Ratio (SEER) 16.0
- Rebate Amount: **$100/ton**

*Until March 2012, an additional rebate of $1,000/ton is available for qualifying GHP systems- ask about the OCP Rebates.