

## PROCESS:

### Option 1: Direct Incentive

The homeowner selects a qualified heat pump (min. 14 SEER, and min. 8.2 HSPF).

1. The installing contractor; 1) performs a Performance Verification Test of the system, 2) records the results on the attached application form, and 3) signs it.
2. The homeowner signs the application and submits it to their local electric utility.
3. If the installed heat pump operates within 10% of the manufacturer's specification, then both the homeowner AND the contractor receive an incentive.
4. If the installed heat pump does not pass (which may be the case with some existing homes), only the homeowner receives the incentive, because they chose a high efficiency heat pump. The contractor does not qualify because the desired energy performance is not obtained.
5. The local utility will provide the incentive directly to the homeowner, and the Nebraska Public Power District will provide the incentive to the contractor.

### Option 2: Low Interest Loan

Through a partnership with the Nebraska Energy Office and approximately 600 financial institutions throughout the state, you can finance your new heat pump system (minimum of 14 SEER and 8.2 HSPF) at a 2.5% interest rate.

Homeowner must install a new heat pump (min. 14 SEER and min. 8.2 HSPF). Other heat pump system components can be included in the loan (ie. back up furnace-electric or fossil fuel, programmable thermostat etc.)

1. Contact the financial institution of your choice and request a EnergyWise Loan – which is 2.5% interest through the Nebraska Energy Office's "Dollar and Energy Savings Loan Program". Find more information at [www.neo.ne.gov](http://www.neo.ne.gov).
2. If the local financial institution is not aware of the program – contact the Nebraska Energy Office at 402-471-2867.
3. **The customer cannot proceed with the installation until the Nebraska Energy Office has processed the loan paperwork; this can take as many as 10 business days.**
4. Homes built within the last 5 years are not eligible for the low interest loan (but they are eligible for the incentive).
5. Request that a performance verification is done on the installation – contractor completes application and it is then signed by the contractor and homeowner and sent to your electric utility provider. If it is operating within 10% of the manufacturing specifications – we will pay your contractor \$100. This helps ensure your system is installed correctly.



## HIGH EFFICIENCY HEAT PUMP PROGRAM

Incentive or  
Low Interest Loan... **“your choice”**



800-752-8305

[www.dawsonpower.com](http://www.dawsonpower.com)

PO Box 777, Lexington, NE 68850-0777

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**ENERGYWISE**<sup>SM</sup>  
Use less. Spend less. Do more.

Those who are wise know it's less expensive to save a kilowatt-hour of energy than it is to generate and deliver one. But you probably knew that. You may not, however, know that you could qualify to receive financial assistance when you install a high-efficiency, qualified heat pump.

As your local utility, we want to ensure that the new heat pump installed at your residence is verified to ensure you receive great performance and comfort. And here's how we'll do it:

... If you installed or are considering a new heat pump in your home that is at least a 14 SEER and 8.2 HSPF or higher, you are eligible for either a EnergyWise direct incentive OR a low interest loan.

### Direct Incentive

High Efficient Heat Pump (HP)  
(based on ARI equipment rating)

System Type	Minimum Incentive Criteria	Incentive Recipient	Incentive
Air Source HP	14 SEER, 8.2 HSPF	Homeowner	\$200
Air Source HP	15 SEER, 8.2 HSPF	Homeowner	\$250
Air Source HP	16+ SEER, 8.2 HSPF	Homeowner	\$300
Ground Source HP	Any EER	Homeowner	\$400
HP 14+SEER	Performance Verification within 10%	Htg./Clg. Contractor	\$100

or

### Low Interest Loan

Apply for a **2.5% loan** through the Nebraska Energy Office's "**Dollar and Energy Savings Loan Program**" for your new qualifying heat pump system.



For more information, please contact Bernie Svoboda at Dawson Public Power District at 308-324-2386 or 800-752-8305.

Email him at [bsvoboda@dawsonpower.com](mailto:bsvoboda@dawsonpower.com)

CUT AND RETURN COMPLETED FORM TO DAWSON PUBLIC POWER DISTRICT, PO BOX 777, LEXINGTON, NE 68850-0777

## High Efficiency Heat Pump Verification - APPLICATION FORM

Applications will only be processed if information is provided in all 7 sections and only if homeowner and contractor's signatures are completed on form. Complete 1 form for each residential heat pump installation.

**Direct Incentive** (or)  **Low Interest Loan**

**1. HVAC Dealer Name:** \_\_\_\_\_

Address & City: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Tax ID #: \_\_\_\_\_

**2. Home Owner's Name:** \_\_\_\_\_

Home Owner's Address & City: \_\_\_\_\_

Installation Address & City: \* \_\_\_\_\_

Electric Utility Provider: \_\_\_\_\_ **Acct or Meter #:** \_\_\_\_\_

**3. Equipment Information:** Tonnage: \_\_\_\_\_ SEER Rating: \_\_\_\_\_ HSPF: \_\_\_\_\_

Backup for Heat Pump: Electric \_\_\_\_\_ (kw), or Fossil Fuel \_\_\_\_\_ (Btuh),

If Geothermal Heat Pump - (EER) \* \_\_\_\_\_ (COP)\* \_\_\_\_\_ ARI Performance Cert. # \* \_\_\_\_\_

Equipment Mfr: \_\_\_\_\_ Furnace Model #: \_\_\_\_\_

ID Coil # \_\_\_\_\_ Heat Pump Model # \_\_\_\_\_

Type of Installation: New Construction , A/C to a Heat Pump , Or existing Heat Pump to New Heat Pump

**4. Determine CFM: (Complete section A or B)**

A) Total External Static Pressure in \_\_\_\_\_ inches of W.C.

\_\_\_\_\_ Equivalent CFM (per equipment specifications and associated external static pressure)

B) Airflow check - temperature rise method with electric furnace (test in emergency heat mode)

1) \_\_\_\_\_ Volts x \_\_\_\_\_ Amps = \_\_\_\_\_ Watts

2) \_\_\_\_\_ Watts x 3.414 = \_\_\_\_\_ Btuh

3) \_\_\_\_\_ Supply Air °F (minus) \_\_\_\_\_ Return Air °F = \_\_\_\_\_ Temp. Difference (TD) °F

4) \_\_\_\_\_ Btuh (divided by) 1.08 (divided by) \_\_\_\_\_ (TD) °F = \_\_\_\_\_ CFM

**5. Measured Heat Pump Capacity Calculation (Complete section A or B)**

A) **Heating Cycle** (test in heat pump only mode)

1) \_\_\_\_\_ Supply Air °F (minus) \_\_\_\_\_ Return Air °F = \_\_\_\_\_ (TD) °F

2) 1.08 x \_\_\_\_\_ (TD) °F x \_\_\_\_\_ CFM (section 4) = \_\_\_\_\_ Btuh

B) **Cooling Cycle** (run at least ten minutes)

1) Return - wet bulb temp. \_\_\_\_\_ = Enthalpy \_\_\_\_\_

2) Supply - wet bulb temp. \_\_\_\_\_ = Enthalpy \_\_\_\_\_

3) Enthalpy Difference = \_\_\_\_\_

4) 4.5 x \_\_\_\_\_ CFM (section 4) x \_\_\_\_\_ Enthalpy Difference = \_\_\_\_\_ Btuh

**6. Quality Assurance Inspection Results:**

A) Measured Total CFM (section 4): \_\_\_\_\_ Outdoor Temp: \_\_\_\_\_

1) Mfr's. Rated HP Capacity: \_\_\_\_\_ Btuh

B) Measured Heat Pump Capacity (section 5): \_\_\_\_\_ Btuh

C) Difference between rated and measured capacity (rated-measured)/rated = \_\_\_\_\_ % Passed (≤10%) or Failed (>11%)

D) If failed - reason ? \_\_\_\_\_

**7.** I acknowledge that this installation is in compliance with the program guidelines.

Homeowner: \_\_\_\_\_  
Print Name Signature Date

Inspection performed by: \_\_\_\_\_  
Print Name Signature Date

NATE Certification #: \_\_\_\_\_

ALL 7 SECTIONS NEED TO BE COMPLETED IN ORDER TO PROCESS.

**Next Step** - Submit this application to your local electric utility for approval and processing.