

# Dollar and Energy Saving Loans

## 2.5% Wind, Solar & Fuel Cell Project Loans

### About the Loans

Products must be installed per the manufacturer's installation instructions for optimum operability and output. All installations must meet local, state and federal codes and regulations.

Applications must be for a complete installation, to include all equipment, labor and other installation costs. Loan limits, except for solar hot water systems, are \$14,000 for the first kW on systems 10 kW and smaller, \$21,000 for the first kW on systems larger than 10 kW, to include grid tie equipment, generating or collecting equipment, installation, and any utility charges, and \$4,000 for each additional kW of generating capacity, prorated, up to a maximum of \$75,000.

Loan applications must be accompanied by itemized bids which show the name of the manufacturers, complete model numbers, descriptions and pricing for all equipment being provided, labor, installation and utility charges. The bid itemization must show separate totals for:

- Power generating equipment,
- Grid tie equipment and
- Labor and equipment rental for the installation of the equipment.

### Instructions

**WHO MAY APPLY.** Only legal residents of Nebraska may apply for loans. A legal resident is a Nebraska taxpayer, a Nebraska partnership, a Nebraska-chartered corporation, a subdivision of Nebraska government, or a person who has maintained a permanent residence and lived in the state for more than six months. Residency requirements may differ for ENERGY STAR® business or institutional partners.

**GETTING BIDS.** You need to get bids or quotes first, so you will have them available for your lender. Make sure the contractor or supplier providing the bid or quote breaks all costs down by applicable item on this form. You are required to provide the estimated cost of each type of equipment, not a lump sum for all or a combination of equipment covered by this form. You are only required to get one bid or quote under the program, however, it is generally prudent to seek more than one to help you in your purchasing decision. Your lender may require more than one bid or quote in making certain types of loans so be sure to check with them also.

**FOR MORE INFORMATION.** Contact the Nebraska Energy Office, P.O. Box 95085, Lincoln, NE 68509-5085, Phone (402) 471-2867, Fax: (402) 471-3064,

Email: [energy@nebraska.gov](mailto:energy@nebraska.gov)

**Dollar and Energy Saving Loans:**  
<http://www.neo.ne.gov/loan/index.html>

### Requirements

**FUEL CELLS.** Must provide a one page copy of the Fuel Cell Manufacturer's literature which shows equipment technical data, to include at a minimum, the total input and output energies in either Btus or kWh.

**WIND.** Must provide a one page copy of the manufacturer's literature which shows a graph or table of windspeed vs output. Loan limit kW is determined from the kW rating with a 28 mph wind speed, or max mph. If turbine is rated at a speed "y" other than 28 mph, then kW for loan limit = (28 mph / "y" Speed mph) raised to the power of three (cubed) times the "y" output rating. For a system rated at 5kW in a 30 mph wind, the 28 mph rating would be  $(28\text{mph}/30\text{mph})^3 \times 5\text{kW}$ , or 4.1 kW.

**SOLAR HOT WATER.** Must provide a copy of the SRCC OG-300 rating. Must have a SRCC rating of SF > 0.5. Hot water systems must have a current Solar Rating and Certification Corporation (SRCC) OG-300 rating which can be viewed on the SRCC web site.  $SF = 1 - (EF/SEF)$ , where EF is the energy factor of the water heater, and SEF is the rating shown on the SRCC web site: [www.solar-rating.org](http://www.solar-rating.org)

**PV SYSTEMS.** Must provide a one page copy of the manufacturer's literature which shows the Peak Standard Test Conditions (STC) rating, and UL-1703 listing for modules/panels. kW is calculated from the Peak STC rating of the panel/module.

**Loan Application:**  
<http://www.neo.ne.gov/loan/pdf/form20.pdf>



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