



## Agriculture Energy Efficiency Program Program Opportunity Notice (PON) 2644

Applications accepted through January 31, 2014  
by 5:00 PM Eastern Time or until funds are exhausted\*

**The NYSEERDA Agriculture Energy Efficiency Program (AEEP)** offers assistance in identifying and implementing electric and natural gas energy efficiency measures to eligible farms and on-farm producers, including but not limited to: orchards, dairies, greenhouses, vegetables, vineyards, grain dryers, and poultry/egg. Farms must contribute to the Systems Benefit Charge (SBC).

Under AEEP, you may apply for an energy audit, project incentives, or both.

Application Submission: Send one (1) clearly labeled, completed and signed application form which must contain an original signature, to:

NYSEERDA  
Attn: AEEP Coordinator  
17 Columbia Circle  
Albany, NY 12203-6399

All technical questions should be directed to: Jessica Zweig, 518-862-1090 ext. 3346,  
[jlz@nyserda.ny.gov](mailto:jlz@nyserda.ny.gov)

All application requests and application assistance questions should be directed to:  
[aep@nyserda.ny.gov](mailto:aep@nyserda.ny.gov) or NYSEERDA's contractor - EnSave, Inc. at 800-732-1399

All contractual questions should be directed to: Venice Forbes, 518-862-1090 ext. 3507,  
[vwf@nyserda.ny.gov](mailto:vwf@nyserda.ny.gov)

\*Late, incomplete, or unsigned applications will be returned. Faxed or e-mailed applications will not be accepted. Applications will not be accepted at any other NYSEERDA location other than the address above. If changes are made to this solicitation, notification will be posted on NYSEERDA's website at [www.nyserda.ny.gov](http://www.nyserda.ny.gov).

## **I. INTRODUCTION**

New York State is a leader in the production of several agriculture commodities and is a \$4 billion industry in New York State. The Agriculture Energy Efficiency Program (AEEP) provides implementation incentives for energy efficiency measures and facilitates the receipt of energy audits to help identify energy efficiency measures to farms and on-farm producers. The goal of AEEP is to assist farms in becoming more energy efficient and therefore, more sustainable, helping New York State's rural economy.

Upon request, NYSERDA FlexTech Consultants will provide general energy audits to help farms identify and prioritize energy efficiency opportunities. If a farm is in need of an audit, NYSERDA will assign a FlexTech Consultant to perform the energy audit (a separate application is not necessary). There will be no cost to the farm for audits \$2,500 or less. For more complex energy audits, exceeding \$2,500, cost-sharing by the applicant may be required. The FlexTech Consultant will work with the farm to determine the audit's scope of work and budget. As part of this audit, NYSERDA will oversee the FlexTech Consultant's progress and be available to address any questions or concerns which arise during the audit.

## **II. AEEP REQUIREMENTS**

Eligible Applicants:

- Farm residences are not eligible for funding under this PON
- Farms must contribute to the Systems Benefit Charge (SBC)
  - Up to 12 months of utility bills may be requested to verify the annual SBC contribution

Incentives are:

- Available to offset the cost of equipment or projects, including energy efficient facility and productivity improvements and expansions, that support electric and natural gas efficiency improvements
- Provided on a cost-shared basis up to \$250,000 per farm
  - at a level of 75% of project costs based on the results of a site specific analysis or audit
  - farms must contribute at least 25% cash cost-sharing toward the project (grants or incentives from other programs do not count as cash cost-sharing)
- Based on the installed project's invoice(s) total as billed to the farm – internal labor costs will not be included as project costs
- Capped at 6-month payback based on the result of a site specific analysis on the farm
- Projects must have a simple payback between six (6) months and 18 years
- Paid upon project completion and the approval of all necessary deliverables

- Not available for:
  - projects completed prior to application
  - renewable energy projects
  - power quality or power factor improvements
  - fuel switching projects
- All equipment covered by ENERGY STAR<sup>®</sup> must meet the ENERGY STAR<sup>®</sup> minimum efficiencies

Example Energy Efficient Measures:

- Variable Speed Drive for Milk Vacuum Pump
- Variable Speed Drive for Milk Transfer Pump
- Scroll Compressors
- Compressor Heat Recovery
- High Pressure Sodium Lighting
- T-8 Lighting
- Other Efficient Lighting Systems and Controls
- Plate Coolers
- Efficient Stock Waterers
- Efficient Ventilation Fans
- Natural Gas Efficiency Measures:
  - High Efficiency Furnaces and Boilers ( $\leq 300,000$  British Thermal Units per hour (Btu/h) rated input capacity)
  - High Efficiency Boilers ( $> 300,000$  Btu/h rated input capacity)
  - Water Heating Equipment
  - Space Heating Equipment
  - Commercial Kitchen Equipment
- Individual Heating, Ventilation, and Air Conditioning (HVAC) Measures:
  - Packaged Terminal Air Conditioning (PTAC) and Packaged Terminal Heat Pumps (PTHP) Equipment
  - Unitary HVAC and Split Air Systems
  - Air-to-Air Heat Pump Systems
  - Differential Enthalpy Economizer Controls and Demand Controlled Ventilation (DCV) Sensors
- Electric Chillers
- Premium Efficiency Motors
- Other Variable Speed Drives
- Commercial Refrigeration
- Commercial Kitchen Equipment
- Commercial Washers

### III. APPLICATION REQUIREMENTS

Please complete the Application found in Attachment A.

Applications to AEEP will be processed in the order in which they are received. All applications will be reviewed for eligibility and accepted or rejected at NYSERDA's discretion.

An application acceptance letter will be mailed to the applicant upon acceptance. NYSERDA will fund as many applications as possible until the funds are expended. NYSERDA will evaluate projects for cost-effectiveness through a total resource cost (TRC) evaluation prior to issuance of a purchase order. Applicants may be required to provide NYSERDA with additional information necessary to complete evaluation of the application.

Measurement and Verification (M&V):

M&V will be required on projects with an incentive amount over \$100,000 and/or with an estimated annual energy savings over 500,000 kWh or 5,000 mmBtu. At NYSERDA's discretion, M&V may be required or waived for any project. If necessary, participants should be prepared to work with NYSERDA to perform M&V. For projects requiring M&V, the Applicant will create an M&V Plan in collaboration with NYSERDA's Technical consultant. Projects requiring M&V will be subject to a 40% withholding of the total incentive, which is payable after NYSERDA receives and approves the final M&V report.

#### **IV. GENERAL CONDITIONS**

**Proprietary Information** - Careful consideration should be given before confidential information is submitted to NYSERDA as part of your proposal. Review should include whether it is critical for evaluating a proposal, and whether general, non-confidential information, may be adequate for review purposes.

The New York State Freedom of Information Law, Public Officers law, Article 6, provides for public access to information NYSERDA possesses. Public Officers Law, Section 87(2)(d) provides for exceptions to disclosure for records or portions thereof that "are trade secrets or are submitted to an agency by a commercial enterprise or derived from information obtained from a commercial enterprise and which if disclosed would cause substantial injury to the competitive position of the subject enterprise." Information submitted to NYSERDA that the proposer wishes to have treated as proprietary, and confidential trade secret information, should be identified and labeled "Confidential" or "Proprietary" on each page at the time of disclosure. This information should include a written request to exempt it from disclosure, including a written statement of the reasons why the information should be exempted. See Public Officers Law, Section 89(5) and the procedures set forth in 21 NYCRR Part 501 <http://nyserda.ny.gov/~media/Files/About/Contact/NYSERDARegulations.ashx>. However, NYSERDA cannot guarantee the confidentiality of any information submitted.

**Omnibus Procurement Act of 1992** - It is the policy of New York State to maximize opportunities for the participation of New York State business enterprises, including minority- and women-owned business enterprises, as bidders, subcontractors, and suppliers on its procurement Agreements.

Information on the availability of New York State subcontractors and suppliers is available from:

Empire State Development  
Division For Small Business  
30 South Pearl Street  
Albany, NY 12245

A directory of certified minority- and women-owned business enterprises is available from:

Empire State Development  
Minority and Women's Business Development Division  
30 South Pearl Street  
Albany, NY 12245

**Contract Award** - NYSERDA may award a Purchase Order based on applications without discussion, or following limited discussion. NYSERDA may request additional data or material to support applications. A sample Purchase Order is available on request. NYSERDA will notify applicants whether the application has been selected to receive an award.

**Limitation** - This PON does not commit NYSERDA to award a contract, pay any costs incurred in preparing a proposal, or to procure or contract for services or supplies. NYSERDA reserves the right to accept or reject any or all proposals received, to negotiate with all qualified sources, or to cancel in part or in its entirety the PON when it is in NYSERDA's best interest.

**Disclosure Requirement** - The proposer shall disclose any indictment for any alleged felony, or any conviction for a felony within the past five (5) years, under the laws of the United States or any state or territory of the United States, and shall describe circumstances for each. When a proposer is an association, partnership, corporation, or other organization, this disclosure requirement includes the organization and its officers, partners, and directors or members of any similarly governing body. If an indictment or conviction should come to the attention of NYSERDA after the award of a contract, NYSERDA may exercise its stop-work right pending further investigation, or terminate the agreement; the contractor may be subject to penalties for violation of any law which may apply in the particular circumstances. Proposers must also disclose if they have ever been debarred or suspended by any agency of the U.S. Government or the New York State Department of Labor.

## V. ATTACHMENTS

Attachment A: Agriculture Energy Efficiency Program Application

Attachment B: Agriculture Energy Efficiency Program Terms & Conditions