

Program Name: **Arizona Renewable Power**

ID:

### Contact Information

**First Name:** Timothy **Last Name:** Mcdonald **Title:** Sr. Power Technologies Engineer

**Organization:** Pinnacle West/Arizona Public Service

**Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)?** Utility

**Address:** 400 N 5th Street **City:** Phoenix

**State:** Arizona **Zip:** 85004

**Phone:** **Fax:** **E-mail:** Timothy.MCdonald@pinnaclewest.com

### Program Information

**What geographical area is covered by the program (e.g. Utility service area, State, Region)?** Arizona

**Types of small farms served (e.g. poultry, corn, all)?** All Farms/ Ranches that produce Biomass Waste

**Approximate Number of Eligible farms/ranches?**

**Short Description of Program:**

1.1% OF ALL RETAIL ELECTRICITY SALES MUST BE DERIVED FROM RENEWABLE FUELS BY 2007. SO RENEWABLE POWER PROJECTS ARE BEING PHASED IN TO MEET ANNUAL MWH GROWTH GOALS. FUNDING IS COLLECTED THROUGH THE ELECTRIC UTILITY CUSTOMERS VIA A LINE ITEM ADDED TO THE STANDARD MONTHLY BILL..

**Sources of program funding** PBF

**Years program in operation:** 3 **Annual Program Budget:** 6,000,000

### Evaluation

**Is a program evaluation available?** in 2004

**Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?**

**Other Comments:**

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Program Name: **Wisconsin Focus on Energy Business Program: Agriculture**

ID:

### Contact Information

First Name: Preston Last Name: Schutt Title:

Organization: Wisconsin Division of Energy

Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)? PBF

Address: City:

State: Wisconsin Zip:

Phone: Fax: E-mail: preston.schutt@doa.state.wi.us

### Program Information

What geographical area is covered by the program (e.g. Utility service area, State, Region)? Wisconsin

Types of small farms served (e.g. poultry, corn, all)? All, the farm electric provider must be participating in the FOE program

Approximate Number of Eligible farms/ranches?

Short Description of Program:

The agriculture program assists farmers with education materials, energy use assessments, energy efficiency improvement recommendations, and incentives to install equipment. The program also partners with the farm service providers to encourage them to supply high efficiency equipment.

Sources of program funding PBF

Years program in operation: Annual Program Budget: 1.2 million

### Evaluation

Is a program evaluation available? Planned

Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?

Other Comments:

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Program Name: **Wisconsin Focus on Energy Renewable Energy Program**

ID:

### Contact Information

First Name: Preston Last Name: Schutt Title:

Organization: Wisconsin Division of Energy

Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)? PBF

Address: City:

State: Wisconsin Zip:

Phone: Fax: E-mail: preston.schutt@doa.state.wi.us

### Program Information

What geographical area is covered by the program (e.g. Utility service area, State, Region)? Wisconsin

Types of small farms served (e.g. poultry, corn, all)? All, the farm electric provider must be participating in the FOE program

Approximate Number of Eligible farms/ranches?

Short Description of Program:

The Wisconsin Renewable Energy Network provides farms, businesses and all Focus on Energy Programs with renewable energy solutions. The program provides educational materials, training, renewable energy assessments, recommendations, marketing and incentives to spur renewable energy projects.

Sources of program funding PBF

Years program in operation: Annual Program Budget: 3 million

### Evaluation

Is a program evaluation available? Planned

Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?

Other Comments:

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Program Name: **Wisconsin Focus on Energy Biobased Products and Energy Program**

ID:

### Contact Information

First Name: Preston Last Name: Schutt Title:

Organization: Wisconsin Division of Energy

Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)? PBF

Address: City:

State: Wisconsin Zip:

Phone: Fax: E-mail: preston.schutt@doa.state.wi.us

### Program Information

What geographical area is covered by the program (e.g. Utility service area, State, Region)? Wisconsin

Types of small farms served (e.g. poultry, corn, all)? All, the farm electric provider must be participating in the FOE program

Approximate Number of Eligible farms/ranches?

Short Description of Program:

The Biobased Products and Energy program is patterned after the US DOE's Industries of the Future program. This program is in its organizational phase. The program will forward the biorefinery concept by bringing together targeted industries, university researchers, state and federal government and innovators to pilot, demonstrate and commercialize new biobased technologies. Target industries are other Wisconsin Industries of the Future clusters: Forest Products, Food Processing, Water/Wastewater Systems and Plastics & Chemicals.

Sources of program funding PBF

Years program in operation: Annual Program Budget: 400,000

### Evaluation

Is a program evaluation available? Planned

Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?

Other Comments:

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Program Name: **NYSERDA- Energy Smart Loan Program**

ID:

### Contact Information

**First Name:** Cullen      **Last Name:** O'Brien      **Title:** Consumer Information Assistant

**Organization:** NYSERDA

**Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)?** SBC

**Address:** 17 Columbia Circle      **City:** Albany

**State:** NY      **Zip:** 12203

**Phone:**      **Fax:**      **E-mail:**

### Program Information

**What geographical area is covered by the program (e.g. Utility service area, State, Region)?** Electrical distribution customers of: Central Hudson, Con Edison, NYSEG, Niagara Mohawk, Orange and Rockland, and Rochester Gas and Electric Utilities paying into System Benefits Charge

**Types of small farms served (e.g. poultry, corn, all)?** All

**Approximate Number of Eligible farms/ranches?** 10 (In program Now)

#### Short Description of Program:

The loan fund offers interest reductions of up to 4.5% on loans from participating lenders for energy-efficiency improvements or installing renewable energy systems

**Sources of program funding** PBF

**Years program in operation:** 3      **Annual Program Budget:** 1.9 million (for all sectors)

### Evaluation

**Is a program evaluation available?** Planned

**Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?**

**Other Comments:**

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Program Name: **Wisconsin Public Service Farm Rewiring, Audit and Timer Project**

ID: 19

### Contact Information

**First Name:** Craig                      **Last Name:** Metz                      **Title:** Director of Progra Development

**Organization:** EnSave Energy Performance, Inc

**Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)?** Consultant

**Address:** 65 Millet Street                      **City:** Richmond

**State:** VT                      **Zip:** 05477

**Phone:**                      **Fax:**                      **E-mail:**

### Program Information

**What geographical area is covered by the program (e.g. Utility service area, State, Region)?** Wisconsin PSC

**Types of small farms served (e.g. poultry, corn, all)?** All

**Approximate Number of Eligible farms/ranches?** 10,000

#### Short Description of Program:

The three distinct objectives of this project are to look for antiquated wiring situations that might lead to stray voltage problems, recommend energy efficient measures, and install timers on engine block heaters. EnSave's role is to use computer assisted auditing tools to evaluate the efficacy of installing more efficient equipment, perform the analysis of the data, and make recommendations for investment in new equipment. If appropriate, EnSave also provides an engine block heater timer to the farm at the conclusion of the audit and upon completion of the farm report. Simultaneously, WPSC may refer the farm to its grant or loan fund for monies for rewiring and energy efficient measure installation.

**Sources of program funding** PBF

**Years program in operation:** 3                      **Annual Program Budget:** 100,000

### Evaluation

**Is a program evaluation available?** Yes

**Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?** PUC

**Other Comments:**

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Program Name: **NYSERDA- Innovation In Agriculture**

ID: 13

### Contact Information

**First Name:** Cullen                      **Last Name:** O'Brien                      **Title:** Consumer Information Assistant

**Organization:** NYSERDA

**Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)?** SBC

**Address:** 17 Columbia Circle                      **City:** Albany

**State:** NY                      **Zip:** 12203

**Phone:**                      **Fax:**                      **E-mail:**

### Program Information

**What geographical area is covered by the program (e.g. Utility service area, State, Region)?** New York

**Types of small farms served (e.g. poultry, corn, all)?** All (and large farms)

**Approximate Number of Eligible farms/ranches?** 100 (in Program Now)

#### Short Description of Program:

The Innovation in Agriculture Program Opportunity Notice has been issued for three years to solicit cost-sharing proposals for innovative and underutilized technologies that will yield energy-efficient improvements in farm productivity, waste management, and development of value-added products. Future issuance of solicitation subject to management approval. Proposals needed to cost-share evaluation work, technology transfer, and training.

**Sources of program funding** PBF

**Years program in operation:** 3                      **Annual Program Budget:** 1.5 million

### Evaluation

**Is a program evaluation available?** In progress

**Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?**

**Other Comments:**

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Program Name: **NYSERDA - CHP**

ID: 15

### Contact Information

**First Name:** Cullen      **Last Name:** O'Brien      **Title:** Consumer Information Assistant

**Organization:** NYSERDA

**Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)?** SBC

**Address:** 17 Columbia Circle      **City:** Albany

**State:** NY      **Zip:** 12203

**Phone:**      **Fax:**      **E-mail:**

### Program Information

**What geographical area is covered by the program (e.g. Utility service area, State, Region)?** New York

**Types of small farms served (e.g. poultry, corn, all)?** All (and Large Farms)

**Approximate Number of Eligible farms/ranches?** 11

#### Short Description of Program:

The Combined Heat and Power Program Opportunity Notice has been issued for three years to solicit proposals for energy-efficient on-site generation of electric power. Solicitation open to others in addition those farms that will generate power through anaerobic digester systems. Future funding dependent on management approval.

**Sources of program funding** PBF

**Years program in operation:** 3      **Annual Program Budget:** 10 million

### Evaluation

**Is a program evaluation available?** In Progress

**Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?**

**Other Comments:**

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Program Name: **Wisconsin FarmSave Energy Project**

ID: 20

### Contact Information

**First Name:** Craig                      **Last Name:** Metz                      **Title:** Director of Progra Development

**Organization:** EnSave Energy Performance, Inc

**Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)?**                      Consultant

**Address:** 65 Millet Street                      **City:** Richmond

**State:** VT                      **Zip:** 05477

**Phone:**                      **Fax:**                      **E-mail:**

### Program Information

**What geographical area is covered by the program (e.g. Utility service area, State, Region)?** Southeast Corner of Wisconsin

**Types of small farms served (e.g. poultry, corn, all)?** All

**Approximate Number of Eligible farms/ranches?** 13,000

#### Short Description of Program:

The Wisconsin FarmSave Project, operated exclusively by EnSave has reduced energy use on more than 7,000 Wisconsin farms and saved more than 30 million kWh. EnSave developed materials, promoted the technical aspects of the program, marketed energy conservation opportunities, and delivered educational information to thousands of farmers. EnSave offered Wisconsin Electric farm customers compressor heat recovery units, variable speed drives for milking vacuum pumps, engine block heater timers, high pressure sodium lights, and milk precoolers. EnSave also provided the necessary oversight to assure the successful delivery and installation of these five different energy efficient measures.

**Sources of program funding** PBF

**Years program in operation:** 3                      **Annual Program Budget:** 1.4 million

### Evaluation

**Is a program evaluation available?** Yes

**Does any entity recieve and review evaluations of the program (e.g. PUC, SEO)? If so, which?** Hagler Bailly

**Other Comments:**

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Program Name: **California Variable Speed Drive Program**

ID: 22

### Contact Information

**First Name:** Craig                      **Last Name:** Metz                      **Title:** Director of Program Development

**Organization:** EnSave Energy Performance, Inc

**Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)?**                      Consultant

**Address:** 65 Millet Street                      **City:** Richmond

**State:** VT                      **Zip:** 05477

**Phone:**                      **Fax:**                      **E-mail:**

### Program Information

**What geographical area is covered by the program (e.g. Utility service area, State, Region)?** California

**Types of small farms served (e.g. poultry, corn, all)?** Dairy

**Approximate Number of Eligible farms/ranches?** 2100

#### Short Description of Program:

Over a two-year period EnSave will be delivering a local non-residential program to over 2,100 dairy producers in 34 counties served by PG&E, SCE, and SDG&E. Through this program EnSave is promoting the installation of variable speed drive(s) on the milking vacuum pumps. EnSave is using \$1,500 cash incentives to motivate dairy farmers to participate in the program. Through this program EnSave projects to save approximately 106 dairy producers 4,282,983 kWh and 869 kW annually.

**Sources of program funding** PBF

**Years program in operation:** 1/12                      **Annual Program Budget:** 484,977

### Evaluation

**Is a program evaluation available?** Yes

**Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?** Unknown at this time

**Other Comments:**

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Program Name: **NYSERDA-New Construction Program**

ID: 11

### Contact Information

**First Name:** Cullen                      **Last Name:** O'Brien                      **Title:** Consumer Information Assistant

**Organization:** NYSERDA

**Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)?** SBC

**Address:** 17 Columbia Circle                      **City:** Albany

**State** NY                      **Zip:** 12203

**Phone:**                      **Fax:**                      **E-mail:**

### Program Information

**What geographical area is covered by the program (e.g. Utility service area, State, Region)?** Electrical distribution customers of: Central Hudson, Con Edison, NYSEG, Niagara Mohawk, Orange and Rockland, and Rochester Gas and Electric Utilities paying into System Benefits Charge

**Types of small farms served (e.g. poultry, corn, all)?** All

**Approximate Number of Eligible farms/ranches?** 28 (in program now)

**Short Description of Program:**

This program provides financial incentives to lower the added cost of energy-efficient machinery in new or renovated buildings by up to 70%.

**Sources of program funding** PBF

**Years program in operation:** 3                      **Annual Program Budget:** 28 million (all sectors)

### Evaluation

**Is a program evaluation available?** In Progress

**Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?**

**Other Comments:**

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Program Name: **NYSERDA-Peak Load Reduction Program**

ID:

### Contact Information

**First Name:** Cullen      **Last Name:** O'Brien      **Title:** Consumer Information Assistant

**Organization:** NYSERDA

**Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)?** SBC

**Address:** 17 Columbia Circle      **City:** Albany

**State:** NY      **Zip:** 12203

**Phone:**      **Fax:**      **E-mail:**

### Program Information

**What geographical area is covered by the program (e.g. Utility service area, State, Region)?** New York

**Types of small farms served (e.g. poultry, corn, all)?** All

**Approximate Number of Eligible farms/ranches?** 3 (in program now)

#### Short Description of Program:

This program provides cost-shared incentives to commercial and industrial customers to identify and install measures to reduce electric demand during the summer period and/or to ready their facilities to participate in the New York Independent System Operator's (NYISO) Emergency Demand Response Program (EDRP), or transmission owner demand response programs.

**Sources of program funding** PBF

**Years program in operation:** 3      **Annual Program Budget:** 11.5 million (includes all sectors)

### Evaluation

**Is a program evaluation available?** Planned

**Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?**

**Other Comments:**

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Program Name: **Northwest: AM400 Soil Moisture Data Logger**

ID:

### Contact Information

**First Name:** Andy **Last Name:** Eckman **Title:** Project Coordinator

**Organization:** Northwest Energy Efficiency Alliance

**Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)?** Non-Profit

**Address:** 529 SW Third Avenue, Suite 600 **City:** Portland

**State:** OR **Zip:** 97204

**Phone:** **Fax:** **E-mail:**

### Program Information

**What geographical area is covered by the program (e.g. Utility service area, State, Region)?** Idaho, Montana, Oregon, Washington

**Types of small farms served (e.g. poultry, corn, all)?** All

**Approximate Number of Eligible farms/ranches?** 35,000

#### Short Description of Program:

The AM400 is a low-cost data logging device that measures soil moisture in up to six locations and displays stored results on a built-in LCD screen. The Alliance is providing funding to support marketing efforts, primarily directed at growers of low-value crops.

**Sources of program funding** Northwest Electric Utilities

**Years program in operation:** >1 **Annual Program Budget:** 60,000

### Evaluation

**Is a program evaluation available?** None to date

**Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?** NW Alliance/Funders

**Other Comments:**

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Program Name: **Northwest: AgriMet Weather Station Network**

ID:

### Contact Information

**First Name:** Andy                      **Last Name:** Eckman                      **Title:** Project Coordinator

**Organization:** Northwest Energy Efficiency Alliance

**Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)?** Non-Profit

**Address:** 529 SW Third Avenue, Suite 600                      **City:** Portland

**State** OR                      **Zip:** 97204

**Phone:**                      **Fax:**                      **E-mail:**

### Program Information

**What geographical area is covered by the program (e.g. Utility service area, State, Region)?** Idaho, Montana, Oregon, Washington

**Types of small farms served (e.g. poultry, corn, all)?** All

**Approximate Number of Eligible farms/ranches?** 35,000

#### Short Description of Program:

The AgriMet Weather Station Network, a joint project of the U.S. Bureau of Reclamation and the Alliance, provides Internet-based weather data to farmers from more than 85 remote sites in the four Northwest states. These data are translated into crop-specific water use information, to promote effective irrigation management.

**Sources of program funding** Northwest Electric Utilities

**Years program in operation:** 2                      **Annual Program Budget:** 60,000

### Evaluation

**Is a program evaluation available?** None to date

**Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?**

**Other Comments:**

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Program Name: **Northwest: Subsurface Drip Irrigation**

ID:

### Contact Information

**First Name:** Andy **Last Name:** Eckman **Title:** Project Coordinator

**Organization:** Northwest Energy Efficiency Alliance

**Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)?** Non-Profit

**Address:** 529 SW Third Avenue, Suite 600 **City:** Portland

**State:** OR **Zip:** 97204

**Phone:** **Fax:** **E-mail:**

### Program Information

**What geographical area is covered by the program (e.g. Utility service area, State, Region)?** Idaho, Montana, Oregon, Washington

**Types of small farms served (e.g. poultry, corn, all)?** All

**Approximate Number of Eligible farms/ranches?** 35,000

#### Short Description of Program:

The Subsurface Drip Irrigation project is a 3-year demonstration of subsurface drip systems in irrigated alfalfa fields. The project will document water and energy savings as well as productivity improvement. If the demonstrations are successful, the Alliance may support a marketing program to increase the use of this technical approach.

**Sources of program funding** Northwest Electric Utilities

**Years program in operation:** >1 **Annual Program Budget:** 60,000

### Evaluation

**Is a program evaluation available?** None to date

**Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?** NW Alliance/Funders

**Other Comments:**

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Program Name: **California: Agricultural Pumping Efficiency Program**

ID: 24

### Contact Information

**First Name:** Peter                      **Last Name:** Canessa                      **Title:** Program Manager  
**Organization:** Center for Irrigation Technology, CSU Fresno  
**Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)?** Non-Profit  
**Address:** 5370 North Chestnut Avenue - M/S OF18                      **City:** Fresno  
**State** California                      **Zip:** 93740  
**Phone:**                      **Fax:**                      **E-mail:** peter\_canessa@csufresno.edu

### Program Information

**What geographical area is covered by the program (e.g. Utility service area, State, Region)?** California

**Types of small farms served (e.g. poultry, corn, all)?** All

**Approximate Number of Eligible farms/ranches?** 40,000+

**Short Description of Program:**

Provide 1) education 2) technical assistance 3) pump efficiency testing 4) incentive rebates for early retrofit/repair of inefficient pumping plants in order to improve pumping plant efficiency and reduce energy use by agricultural water pumpers. Education seeks to 1) encourage specification and maintenance of high efficiency pumping plants, 2) know how much water is needed (irrigation scheduling, crop water use information) and 3) know how much water has been pumped (flow measurement in pipes or open channels)

**Sources of program funding** PBF

**Years program in operation:** 3 months                      **Annual Program Budget:** 4 million

### Evaluation

**Is a program evaluation available?** In Progress

**Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?** CPUC

**Other Comments:**

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Program Name: **California: Agricultural Prak Load Reduction Program**

ID: 25

### Contact Information

**First Name:** Peter                      **Last Name:** Canessa                      **Title:** Program Manager  
**Organization:** Center for Irrigation Technology, CSU Fresno  
**Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)?** Non-Profit  
**Address:** 5370 North Chestnut Avenue - M/S OF18                      **City:** Fresno  
**State:** California                      **Zip:** 93740  
**Phone:**                      **Fax:**                      **E-mail:** peter\_canessa@csufresno.edu

### Program Information

**What geographical area is covered by the program (e.g. Utility service area, State, Region)?** California

**Types of small farms served (e.g. poultry, corn, all)?** All

**Approximate Number of Eligible farms/ranches?** 40,000+

#### Short Description of Program:

Cost-sharing grant program with 4 project categories: 1) high efficiency electrical equip. or other conservation effort resulting in a reduction of peak load (12 noon-6 PM, Mon-Fri, June-Sept); 2) Pump efficiency tests/grants for retrofit repair of pumping plants; 3) Advanced telemetry for load management; 4) retrofit of existing natural gas-powered equipment to burn an alternative fuel (primarily propane)

**Sources of program funding** State of California - Tax Revenue

**Years program in operation:** 1.5                      **Annual Program Budget:** 11.5 million

### Evaluation

**Is a program evaluation available?** In Progress

**Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?** CPUC

**Other Comments:**

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Program Name:

ID: 23

### Contact Information

**First Name:** Robert      **Last Name:** Chickering      **Title:** Load Management Specialist

**Organization:** EnSave Energy Performance, Inc

**Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)?** Consultant

**Address:** 65 Millet Street      **City:** Richmond

**State:** VT      **Zip:** 05477

**Phone:**      **Fax:**      **E-mail:**

### Program Information

**What geographical area is covered by the program (e.g. Utility service area, State, Region)?** Green Mountain Power Service Area, Vermont

**Types of small farms served (e.g. poultry, corn, all)?** All

**Approximate Number of Eligible farms/ranches?** 42

#### Short Description of Program:

The Green Mountain Power Farm Load Response Program offered farmers the opportunity to utilize their back-up power generators or otherwise curtail their electrical usage upon a signal from the utility when the cost of purchased power to the utility is high. Farmers were offered an incentive to sign up for the program and compensation for the hours during which they curtailed. This was a pilot project for Green Mountain Power contracted to EnSave.

#### Sources of program funding

**Years program in operation:** 5      **Annual Program Budget:** 30000

### Evaluation

**Is a program evaluation available?** Planned

**Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?** Green Mountain Power

**Other Comments:**

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Program Name: **NYSERDA - Commercial and Industrial Performance Program**

ID: 14

### Contact Information

**First Name:** Cullen                      **Last Name:** O'Brien                      **Title:** Consumer Information Assistant

**Organization:** NYSERDA

**Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)?** SBC

**Address:** 17 Columbia Circle                      **City:** Albany

**State:** NY                      **Zip:** 12203

**Phone:**                      **Fax:**                      **E-mail:**

### Program Information

**What geographical area is covered by the program (e.g. Utility service area, State, Region)?** Electrical distribution customers of: Central Hudson, Con Edison, NYSEG, Niagara Mohawk, Orange and Rockland, and Rochester Gas and Electric Utilities paying into System Benefits Charge

**Types of small farms served (e.g. poultry, corn, all)?** All

**Approximate Number of Eligible farms/ranches?** 470 (in Program Now)

**Short Description of Program:**

This program provides performance-based incentives for electric-efficiency measures, including lighting, motors, variable speed drives, and refrigeration. Customers work with an energy service company (ESCO) or other contractor of their choice.

**Sources of program funding** PBF

**Years program in operation:**

**Annual Program Budget:**

### Evaluation

**Is a program evaluation available?** Planned

**Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?**

**Other Comments:**

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Program Name: **NYSERDA- Smart Equipment Choices**

ID: 17

### Contact Information

**First Name:** Cullen      **Last Name:** O'Brien      **Title:** Consumer Information Assistant

**Organization:** NYSERDA

**Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)?** SBC

**Address:** 17 Columbia Circle      **City:** Albany

**State:** NY      **Zip:** 12203

**Phone:**      **Fax:**      **E-mail:**

### Program Information

**What geographical area is covered by the program (e.g. Utility service area, State, Region)?** Electrical distribution customers of: Central Hudson, Con Edison, NYSEG, Niagara Mohawk, Orange and Rockland, and Rochester Gas and Electric Utilities paying into System Benefits Charge

**Types of small farms served (e.g. poultry, corn, all)?** All

**Approximate Number of Eligible farms/ranches?** 540 (In Program Now)

#### Short Description of Program:

This program is an equipment replacement program that provides pre-set incentives for installing eligible energy-efficient equipment. This program is an equipment replacement program that provides pre-set incentives for installing eligible energy-efficient equipment, pre-coolers, and other equipment.

**Sources of program funding** PBF

**Years program in operation:** 1.5      **Annual Program Budget:** 1.5 (For All Sectors)

### Evaluation

**Is a program evaluation available?** Planned

**Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?**

**Other Comments:**

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Program Name: **New York State Variable Speed Drive Program**

ID: 21

### Contact Information

**First Name:** Craig                      **Last Name:** Metz                      **Title:** Director of Program Development

**Organization:** EnSave Energy Performance, Inc

**Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)?** Consultant

**Address:** 65 Millet Street                      **City:** Richmond

**State:** VT                      **Zip:** 05477

**Phone:**                      **Fax:**                      **E-mail:**

### Program Information

**What geographical area is covered by the program (e.g. Utility service area, State, Region)?** New York

**Types of small farms served (e.g. poultry, corn, all)?** All

**Approximate Number of Eligible farms/ranches?** 6,438 (450 currently served)

#### Short Description of Program:

The objectives of this program are to save kWh, reduce dairy producers' energy costs, and lower NOx emissions. EnSave operates the program through NYSERDA (New York State Energy Research and Development Authority). EnSave offers \$500 or \$1,000 incentives (based on kWh savings) to farmers to install the variable speed drives on milking vacuum pumps.

EnSave works directly with local dairy equipment dealers and VSD manufacturers to facilitate the installations. EnSave works with dairy educators from Cooperative Extension, the New York State Farm Bureau, the Grange, National Farmers Organization, USDA Farm Service Agency and many major milk cooperatives to reinforce program opportunity.

As of November 2002 nearly 455 New York dairy producers have enrolled in the program. Results: 7,905,692 kWh saved, a reduction of two and a half tons of NOx emissions and about \$948,000 dollars in first year energy savings to farm customers in the program.

**Sources of program funding:** PBF

**Years program in operation:** 3                      **Annual Program Budget:** 850,000

### Evaluation

**Is a program evaluation available?** Yes

**Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?** SAIC

**Other Comments:**

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Program Name: **NYSERDA-Farm Audit Program**

ID: 16

### Contact Information

**First Name:** Cullen                      **Last Name:** O'Brien                      **Title:** Consumer Information Assistant

**Organization:** NYSERDA

**Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)?** SBC

**Address:** 17 Columbia Circle                      **City:** Albany

**State:** NY                      **Zip:** 12203

**Phone:**                      **Fax:**                      **E-mail:**

### Program Information

**What geographical area is covered by the program (e.g. Utility service area, State, Region)?** New York

**Types of small farms served (e.g. poultry, corn, all)?** All

**Approximate Number of Eligible farms/ranches?** 65 (In Program Now)

#### Short Description of Program:

Farms and other agricultural facilities are provided detailed, on-site engineering studies. The types of studies include technical and cost-benefit analyses of: electrical energy-saving capital improvements, electric-load management, and operational improvements that will save money. Further technical assistance can be used to help prepare groups of farms to cooperatively negotiate commodity energy prices. NYSERDA will cost share, share these programs using consultants already under contract or a consultant chosen by the farmer.

**Sources of program funding** PBF

**Years program in operation:** 7                      **Annual Program Budget:** 3.2 (For All Sectors)

### Evaluation

**Is a program evaluation available?** Yes

**Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?**

**Other Comments:**

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Program Name: **Texas PV**

ID:

### Contact Information

**First Name:** John                      **Last Name:** Hoffner                      **Title:** Manager

**Organization:** Conservation Services Group

**Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)?** Non-Profit

**Address:** 1515 S. Capital of Texas Highway, Suite 210                      **City:** Austin

**State:** Texas                                      **Zip:** 78746

**Phone:** 512-327-6830                      **Fax:**                                      **E-mail:** John.Hoffner@csggrp.com

### Program Information

**What geographical area is covered by the program (e.g. Utility service area, State, Region)?** Texas

**Types of small farms served (e.g. poultry, corn, all)?** All Coops

**Approximate Number of Eligible farms/ranches?** 78 Coops in the state

#### Short Description of Program:

The State of Texas, the Texas Electric Cooperatives, and CSGServices, Inc. implemented a program to promote the use of stand-alone PV in rural areas in lieu of costly utility distribution line extensions. The program provides training, technical assistance and marketing assistance for rural utilities to be able to offer photovoltaics (PV) to their customers as a service option. As a result of the program four (4) rural electric cooperatives are now offering complete PV systems as an alternative to line extensions. The utilities lease the systems to the customers and include a monthly charge in the billing. The program is easily transferable to other states with many rural utility customers. State funds were matched by utilities, customers and the USDOE. New funding sources are needed to restart the highly successful program.

**Sources of program funding** State of Texas/USDOE--FUNDING STOPPED

**Years program in operation:** 5                      **Annual Program Budget:** 150,000

### Evaluation

**Is a program evaluation available?** Yes

**Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?** State Energy Office

#### Other Comments:

Program is highly successful in building business enterprises for rural utilities and their members. Rural economic development.

Program Name: **California: Standard Performance Contract**

ID: 18

### Contact Information

**First Name:** Tony                      **Last Name:** Coonce                      **Title:** Program Manager

**Organization:** San Diego Gas and Electric

**Type of Organization (e.g. non-profit, public benefits fund administrator, utility, etc)?** Utility

**Address:** 8335 Century Park Court                      **City:** San Diego

**State:** California                      **Zip:** 92123

**Phone:**                      **Fax:**                      **E-mail:**

### Program Information

**What geographical area is covered by the program (e.g. Utility service area, State, Region)?** California

**Types of small farms served (e.g. poultry, corn, all)?** All

**Approximate Number of Eligible farms/ranches?** Unknown

#### Short Description of Program:

Incentives for energy efficiency retrofits paid according to how much energy is actually saved and measured by performance contracting.

**Sources of program funding** PBF

**Years program in operation:** 5                      **Annual Program Budget:** 20 million

### Evaluation

**Is a program evaluation available?** Yes

**Does any entity receive and review evaluations of the program (e.g. PUC, SEO)? If so, which?** Xenergy

#### Other Comments:

Each of the 3 investor owned utilities administer this statewide program in their respective service territories.

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