



United States
Department of
Agriculture

Rural Development



Presented by Laurette Tucker

RURAL ENERGY FOR AMERICA PROGRAM

IRRIGATION SYSTEM WORKSHOP














SUFFOLK, VA

March 7, 2018

RURAL ENERGY FOR AMERICA PROGRAM - SECTION 9007

- This program is intended to provide a way that small businesses and agricultural producers can contribute towards our National goals of energy reduction, conservation and reducing our dependency on foreign energy sources
- This can be accomplished through a renewable energy system OR an energy efficiency improvement project.

Improve Profits for Your Rural Small Business, Farm or Ranch with REAP

Eligible Technologies			
Energy Efficiency (AUDIT)		Renewable Energy	
	Lighting		Solar
	Heating/Cooling		Wind
	Irrigation		Small Hydroelectric
	Ventilation		Anaerobic Digesters
	Fans		Biomass
	Automated Controls		Geothermal
	Insulation		Wave/Ocean Power

Technologies must be commercially available. R & D projects do not qualify.

Energy Efficiency

Chicken Farm



- Radiant heat
- Fans & vents
- Computerized controls

Improved egg production



Veterinary Hospital



Rooftop solar panels

30-40% lower operating costs

Renewable Energy



Laundromat & Dry Cleaner

Energy efficient equipment



52% energy savings

Energy Efficiency



Renewable Energy



Small Energy Company & Dairy
Farmers

1 MW Anaerobic digester

Powers 700 homes/year



Energy Efficiency



Nursery



- Energy efficient glass roof
- Radiant heat
- Fans & vents
- Computerized controls

40% reduction in energy costs



Renewable Energy



Rural Auto Repair Shop

11 kW micro-hydropower turbine



51% reduction in energy costs

Energy Efficiency



Rural Manufacturer

Efficient lighting system

50% savings on lighting bill



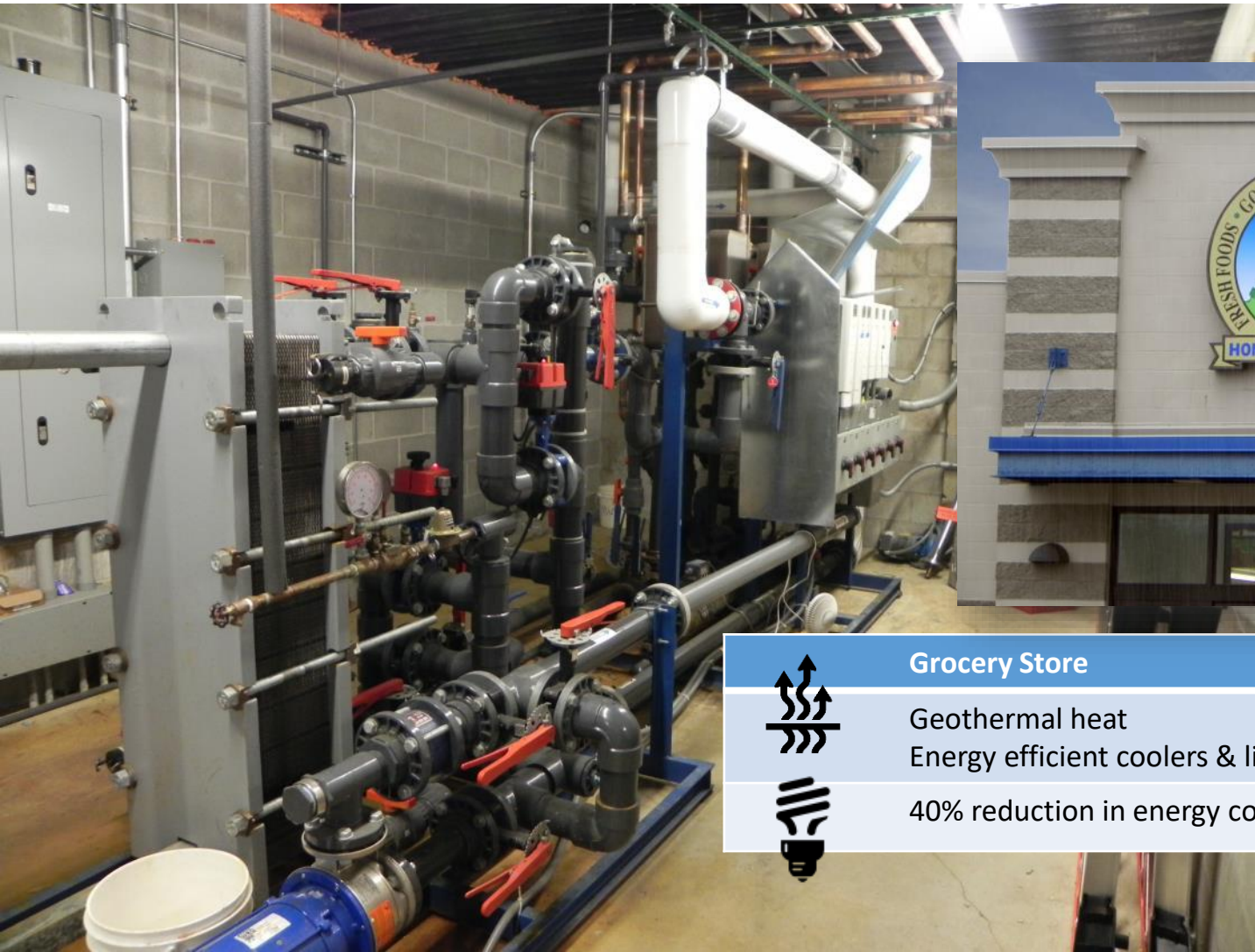
Grocery Store

Energy efficient cooler doors

\$500 per month savings



Renewable Energy



Grocery Store

Geothermal heat
Energy efficient coolers & lighting

40% reduction in energy costs

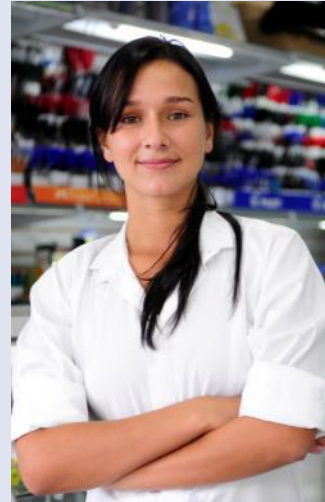
Eligible Applicants

Agricultural Producer



- **Individual or entity that receives 51 percent or more of their gross income from agricultural production** – crops, livestock, aquaculture, forestry operations, nurseries, dairies

Rural Small Business



- **Privately owned for-profit small business** - as defined by the Small Business Administration (SBA)
- **Rural area or non-metro community of $\leq 50,000$**

APPLICANT ELIGIBILITY

- Must be a citizen of the U.S.
- Must not have federal judgments or delinquent federal taxes
- Must have a DUNS number
- Must have a SAMs registration
- Applicant must own the system and control the operation and maintenance of the project
- Applicant must show adequate revenues for Operation & Maintenance



Eligible Project Costs

- **Equipment:**
 - Purchase & installation
 - New, refurbished, or remanufactured equipment
- **Post-application construction & facility improvements integral to the renewable energy or energy efficiency project**
- **Professional service fees**
- **Permits & license fees**
- **Retrofitting**
- **Working capital, land acquisition (Guarantee ONLY)**





Ineligible Project Costs

- **Residential energy projects**
- **Equipment:**
 - Farm tillage equipment
 - Used equipment
 - Vehicles
- **Pre-application construction & facility improvements; repairs or operating costs**
- **Application preparation or grant writer fees**
- **Line of credit**
- **Lease payments**
- **Payment to the applicant/business owner, beneficiary, or relative**

REAP Grant Assistance


Up to 25%
of Eligible Project Costs

 Renewable Energy Systems		 Energy Efficiency Improvements	
Minimum Grant Request	\$2,500 Total eligible project costs \geq \$10,000	Minimum Grant Request	\$1,500 Total eligible project costs \geq \$6,000
Maximum Grant Request	\$500,000 Total eligible project costs \geq \$2 million	Maximum Grant Request	\$250,000 Total eligible project costs \geq \$1 million

REAP Guaranteed Loan Assistance

Up to 75%
of Eligible Project Costs

Minimum Loan Amount	\$5,000 Total eligible project costs \geq \$6,667
Maximum Loan Amount	\$25 million Total eligible project costs \geq \$33.4 million
Details	<ul style="list-style-type: none">• USDA guarantees a commercial loan; applicant must have a willing lender.• Terms are negotiated between the lender and borrower.• Fees, appraisals, equity & collateral requirements apply.



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HOMESEARCH RECORDSDATA ACCESSGENERAL INFOHELP

CREATE USER ACCOUNT

Your CCR username will not work in SAM. You will need a new SAM User Account to register or update your entity records. You will also need to create a SAM User Account if you are a government official and need to create Exclusions or search for FOUO information.

Create User Account

REGISTER

You can individwith thinteresEntity,


Regi

WHAT IS SAM?

The **System for Award Management (SAM)** is the CCR/FedReg, ORCA, and EPLS. There is NO fee to reg guides and webinars are available under the Help t

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United States

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The D-U-N-S® Number

Harness the power of the D-U-N-S® Number. At no cost, you can have this unique, location-specific identifier that allows you to accurately gauge and communicate your company's creditworthiness. As your business grows and changes, your D-U-N-S® Number stays with you.

View Infographic

Links to DUNS and SAM

Application Forms

- SF 424, SF 424-C and SF 424-D
- RD 4280-3A (\$80,000 or less project cost)
- RD 4280-3B (more than \$80,000 to \$200,000 or less)
- RD 4280-3C (more than \$200,000)
- Energy Assessment or Audit for Energy Efficiency Projects (Audit required for projects >\$80,000)

Application Forms (cont.)

- Feasibility Study by independent 3rd party for RES projects over \$200,000
- AD-3030 for all applicants except sole proprietors
- Matching Funds Documentation (not required but encouraged)
- DUNS # and Cage Code (SAM)

Scoring Criteria

- Quantity of energy generated, replaced or saved
- Environmental benefits
- Commitment of funds
- Size of the small business or agricultural producer compared to SBA size standards
- Previous grantee or borrower
- Simple payback
- State Director's Points

How to Apply

- Contact the USDA Rural Development Energy Coordinator in your state for application materials and resources:
http://www.rurdev.usda.gov/BCP_Energy_CoordinatorList.html
- Submit applications any time of year – October 31st and April 1st deadlines
- Applications compete for funding based on project score
- Funding selections are made twice per year

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To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at http://www.ascr.usda.gov/complaint_filing_cust.html and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by:

(1) mail: U.S. Department of Agriculture
Office of the Assistant Secretary for Civil Rights
1400 Independence Avenue, SW
Washington, D.C. 20250-9410;

(2) fax: (202) 690-7442; or

(3) email: program.intake@usda.gov.

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Agriculture

Rural Development



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USDA Rural Development is committed to the future of rural communities.