

REAP Success!

How REAP helped me

Owners of **Cozy Acres Greenhouse** in North Yarmouth, ME, needed to expand their greenhouse operations, and Jeff and Marianne Marstaller were determined to expand it in a cost-effective and energy-efficient way. Using a \$48,750 REAP grant from USDA Rural Development, along with their own funds, the Marstallers constructed a greenhouse unlike anything ever before seen in Maine: net-zero emissions greenhouse.

Owners of **Santiem Valley Ranch**, a warm-water fish supplier, in Salem, OR were posed with an opportunity to expand. Kathy Bridges and Ken Dunder decided the expansion could not happen before they identified a way to cut their energy costs. In May 2012, they purchased a 20,400-watt solar photovoltaic system with assistance from a \$10,351 REAP grant. In May 2013, the Santiem Valley Ranch aquaculture business did not receive an energy bill for the first time in 31 years of operation, allowing the business to grow faster than ever imagined.



Is REAP Right for You?

Are you an agricultural producer?

Does most of your income come from farming or ranching?

Do you own a rural small business?

Are you located in a rural area or town of 50,000 people or less?

Do you want to reduce your energy costs?

Do you want to generate your own energy?

If YES, then REAP may be able to help.

To learn more about REAP, visit:

<http://www.rd.usda.gov/reap.html>

To talk to us about REAP, contact your local Rural Development Energy Coordinator:

http://www.rd.usda.gov/files/RBS_StateEnergyCoordinators.pdf

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United States Department of Agriculture

Rural Energy for America Program (REAP)



Funding Opportunities

You can receive grants up to \$250,000 for energy efficiency projects and up to \$500,000 for renewable energy projects

Guaranteed loans are awarded up to \$25 million for eligible projects.

Grants cover up to 25 percent of a project's eligible costs.

- A rural farmer received a \$3,657 grant to install a solar electric system.

Combined grants and guaranteed loans cover up to 75 percent of a project's eligible costs.

- A small community grocery store owner received \$97,500 in combined grant and loan guarantee funds to make energy efficiency improvements.

Guaranteed loans cover up to 75 percent of a project's eligible costs.

- A swine operation owner received a \$5 million loan guarantee for an anaerobic digester.

Does your project cost less than \$80,000?

REAP provides the following:

- Designated funds for small projects
- Simple applications
- Streamlined process

Contact your local Rural Development Energy Coordinator:

http://www.rd.usda.gov/files/RBS_StateEnergyCoordinators.pdf

Lower Energy Cost

Reduce energy and/or utility bills with energy efficiency projects

REAP can help fund energy efficiency improvement projects, such as:

- Energy efficient lighting
- Upgraded refrigeration systems
- Improvements to facility insulation, duct work, and windows
- Heating and cooling equipment upgrades; programmable thermostats, new HVAC units



REAP Savings!

Heating and cooling can account for up to 40 percent of electricity use – a more efficient system saves money.

Insulation can reduce energy costs by 10–30 percent.

LED lighting uses up to 75 percent less electricity than traditional lighting systems.

Power Your Business

Generate your own energy for your business operations

REAP can help fund renewable energy systems such as:

- Solar panels
- Wind turbines
- Hydropower systems (less than 30 megawatts)
- Geothermal systems
- Anaerobic digesters
- Other

You may even be able to sell your power to a local utility.

REAP Power!

Owners of **Ideal Dairy** restaurant in Richfield, UT, installed 80 solar modules and two 10-kilowatt inverters (converts energy from solar panels to electricity).

With this type of equipment, the owners were able to generate energy and have reported savings, on average, of \$400 per month. Furthermore, this allows resources to preserve the restaurant, which is a historic gathering place for the community.

