Clean Energy Connections Conference
Springfield 2010

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USDA-RURAL DEVELOPMENT
FUNDING OPTIONS

• Section 9007-Reap-Rural Energy for America Program.

• Guaranteed Business & Industry Loan Program.
  ▫ Guaranteed Loans to fund energy projects.

• Value Added Producer Grant Program.
  ▫ Grants to Ag-producers or producer groups for farm based renewable energy projects. 50% of total project. Max $100,000 planning; $300,000 working capital.
Section 9007 REAP

- Grants for up to 25% of total project costs.
- Guaranteed Loans for up to 75% of total project costs. Maximum reap participation is 75%
- Maximum grant $500,000; $250,000 for energy efficiency.
- Maximum loan $25,000,000
Eligible Applicants

- Ag-Producers: 50% or greater of total income must come from Ag sources.
- Rural small businesses: Must meet SBA definition of small business.
- Project must be located in eligible rural area-
Eligible Purposes

- Energy Efficiency Projects: Lighting, Heating, Cooling, Insulation, Irrigation Pumps, etc.
Basic Technical Eligibility

Proposal must be for an eligible technology

Renewable Energy

• Wind
• Solar
• Geothermal
• Biomass
• Hydrogen
• Hydroelectric (rated 30 MW or less)
Energy Efficiency Projects

Improvements to a facility, building, or process that reduces energy consumption, or reduces energy consumed per square foot.

- Compressed Air Systems
- Building Envelope
- Greenhouse Thermal Blankets
- Lighting
- Motors
- Pumps
- HVAC
Tools and Resources

• Regulation: 4280-B
  http://www.rurdev.usda.gov/regs/regs_toc.htm

• Outreach Materials, Technical and Environmental Guidance:
Funding Cycle

- Annual NOSA/NOFA.
- Anticipate early 2011 issuance for audit, feasibility and project applications.
- State allocations utilized first.
- Nationwide competition for reserve funds.
- Applications accepted throughout the year.
Small Wind Turbine Nursery

2-10 KW Bergey Wind Turbines

REAP Grant: $33,144
Total Project costs: $132,576
Small Wind Turbine Dairy Farm

15 KW Wind Turbine

REAP Grant: $28,828
Total Project Costs: $115,312
Energy Efficiency
Greenhouse

Energy Curtains

REAP Grant: $33,538
Total Project Cost: $134,150
Solar Photovoltaic Country Store

20 KW photovoltaic system

REAP Grant: $48,000
Total Project Cost: $192,000
• Cape Air

**Solar Photovoltaic Airport Terminal**

258 KW Solar Photovoltaic

REAP Grant: $421,475
REAP Loan: $420,000
Total Project Cost: $1,692,598
Solar Photovoltaic
Ground Mount

23 KW Solar Photovoltaic

REAP Grant: $34,232
Total Project Cost: $136,929
Anaerobic Digester Dairy Farm

Anaerobic Digester

REAP Grant: $321,743
REAP Loan: $500,000
Total Project Cost: $1,302,743