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- http://eligibility.sc.egov.usda.gov/eligibility/welcomeAction.do

Eligible Purposes

- Renewable Energy Projects: Wind, Solar, Biomass, Biofuels, Geothermal and Hydro.
- Energy Efficiency Projects: Lighting, Heating, Cooling, Insulation, Irrigation Pumps, etc.
- Post Application Costs: Equipment, Construction, Engineering, Feasibility, Working Capital and Land Acquisition.

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

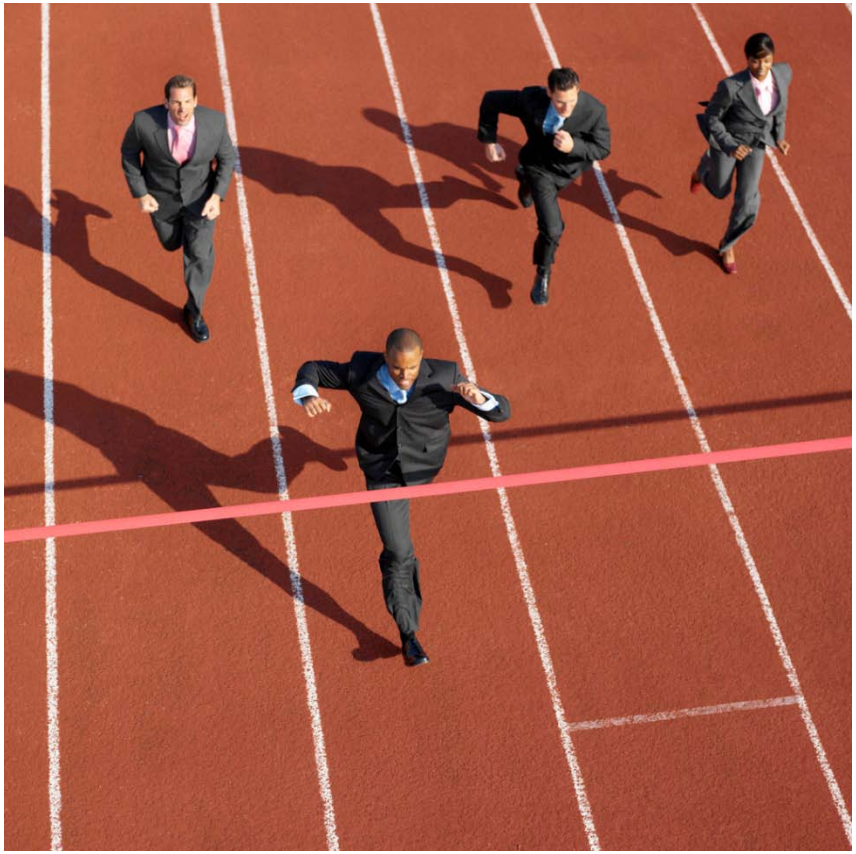
Improvements to a facility, building, or process that reduces energy consumption, or reduces energy consumed per square foot.

- 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.html
- Outreach Materials, Technical and Environmental Guidance:
  http://www.rurdev.usda.gov/rbs/farmbill/tools.html

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