Renewable Energy Financing Tools

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DoE Stimulus Funds!

- State Energy Programs
- Energy Efficiency and Conservation Block Grants
- Weatherization
- Many Competitive Grants (e.g., Deployment of CHP, District Energy, and Waste Energy Recovery Systems
- www.fedconnect.gov

More Grants

- Department of Agriculture
  - Rural Energy for America Program Grants (REAP)
  - Renewable Energy Development Assist (REDA)
  - http://www.rurdev.usda.gov/rbs/busp/REAPEA.htm
- Department of Energy
  - Numerous Programs and Opportunities
  - http://www1.eere.energy.gov/financing/business.html

Renewable Energy Production Incentives

- Renewable Facilities Receive 2.1 cents per kWh
- Authorized through 2026
- http://apps1.eere.energy.gov/repi/
- Tax Credit
- **Treasury now offers 30% up-front grant in lieu of production credit**

Loans

- Clean Renewable Energy Bonds (CREBs)
  - Tax Credits Used to Offset Interest Payments
- Department of Energy Loan Guarantees
  - http://www.lgprogram.energy.gov/
- Department of Agriculture Loan Guarantees
  - Rural Energy for America Program Guaranteed Loan Program
  - http://www.rurdev.usda.gov/rbs/busp/9006loan.htm

Other Tools

- Renewable Energy Certificates
- Renewable Portfolio Standards

- Utility/Government Funded
  - Utility = User Fees
  - Government = Public Funds
- Rebates
- Revolving Funds

A Note On Units

- Utility Programs Raise Rates?
- Depends on the Units:
  - ¢/Kwh or $/month
- Energy Efficiency:
  - ¢/Kwh ↑ $/month ↓
- Renewable Energy:
  - ¢/Kwh ↑ $/month ?