

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/rep/>
- 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 ?