



Private Alternative Energy Systems: Zoning, Regulatory and Finance Issues

Panel Presentation

March 3, 2012



Centennial Colorado location employs ground heat exchange pump technology to provide heating and cooling and a 60,000 square foot solar energy system producing 740,000 kW annually.



FEDERAL INCENTIVES

- Business Energy Investment Tax Credit (ITC)
- Renewable Electricity Production Tax Credit (PTC)
- Modified Accelerated Cost Recovery System (MACRS) plus Bonus Depreciation
- Energy Efficient Commercial Buildings Tax Deduction
- Residential Energy Conservation Subsidy Exclusion (Corporate)
- Energy Efficient Mortgages
- Residential Energy Conservation Subsidy Exclusion (Personal)

energy.gov

dsireusa.org



- Property Tax Exemption for Residential Renewable Energy Equipment
- Renewable Energy Property Tax Assessment
- Local and Utility Grant, Rebate, Loan, Programs

energy.gov dsireusa.org

colorado.gov/energy rechargecolorado.org



COLORADO LOAN PROGRAMS

- Direct Lending Revolving Loan Program
- Green Colorado Credit Reserve
- PACE Financing



colorado.gov/energy

- Many traditional lenders misunderstand the value proposition of energy efficiency and renewable energy. Appraisals, particularly residential appraisals, do not take energy savings into account.



SENSIBLE ACCOUNTING TO VALUE ENERGY (SAVE) ACT

- Bipartisan bill introduced October 19, 2011
co-sponsored by Sen. Michael Bennet

- Limited to 120% of IOU customer's average annual consumption; 25kW non-residential and 10 kW residential municipality and co-op customer





Colorado Springs Community Solar Garden
broke ground November, 2011