

States are the laboratories for energy action

ASPO Houston October 19, 2007

Policies

Rules and Regulations

Incentives

Funding

Policies

- Delaware

- Florida

- Virginia

Delaware

- Sustainable Energy Utility (SEU), non-profit corporation, will:
 1. Cover difference in cost for energy-efficient equipment
 2. Provide expanded weatherization assistance
 3. Promote at least 300 MW of customer renewable energy
- Other bills:
- Increase RPS; double the mill rate for Green Energy Fund;
- Increase net metering ceiling

Florida

- Executive order to reduce greenhouse gases
- Dramatic reductions in auto and power plant emissions
- Requires better standards for appliances
- Large increases in renewable power, including solar
- Conservation and energy efficiency

Virginia

- Plan required by legislature; executive branch proposal
- Reduce rate of growth of energy use in Virginia
- Reduce greenhouse gas emissions by 30% by 2025
- Increase conservation and energy efficiency
- Reduce VMT; increase mileage & use of alternative fuels
- Research and development at state universities

Rules and Regulations:

- Renewable Portfolio Standards
- Green Building Requirements
- Cap and Trade
- Building Codes

Renewable Portfolio Standards

- Twenty-five states and DC
- 25% by 2025 (IL, MN, OR)
- 20% by 2020 (CO, CT, DE, HI, NM)
- 20% BY 2010 (CA)
- Five states set goals

Green Building Standards

- Leadership in Energy and Environmental Design (LEED)
 - (CO,RI,VA)

Building Codes

- Some states have higher standards
(CA, HI, OR)

Cap and Trade

- Massachusetts – six highest-polluting plants can purchase credits
- New Hampshire – Clean Power Act sets emissions caps
- Regional Greenhouse Gas Initiative (RGGI)
 - 9 NE states(CN,DE,ME,MD,MA,NH,NJ,NY,RI,VT)
- New York – for acid rain
- North Carolina – Clean Smokestacks Act

Incentives

- Tax credits, sales tax rebates
- De-coupling
- Rate Structures
- HOV for hybrid/clean fuel cars

Incentives

- Rebates or sales tax exemptions for energy-efficient appliances
- Higher standards for appliances
- Cover more appliances
- Rebates or income tax credits for hybrid vehicles, conversions

More Incentives

- De-Coupling
- Separate fixed costs from variable costs
- Offer electric utilities incentives to conserve energy
- Bonus for meeting or exceeding energy-cutting goals
- Carpool lanes for hybrids, clean fuels

Funding

- Public Benefit Funds
- State Grants and Loans
- Severance tax
- Bonds

2007 Houston World Oil Conference

Proceedings



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