States are the laboratories for energy action

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

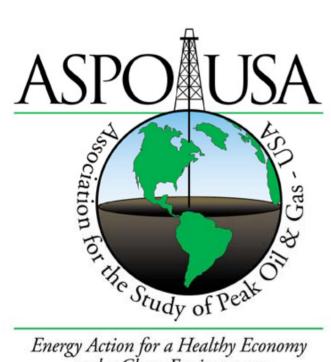
- De-Coupling
- Separate fixed costs from variable costs
- Offer electric utilities incentives to conserve energy
- Bonus for meeting or exceeding energy-cutting goals
- Carpool lanes for hybrids, clean fuels

Funding

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

2007 Houston World Oil Conference

Proceedings



Energy Action for a Healthy Economy and a Clean Environment

- Conference Program
- Conference DVD
- Video Highlights
- Peak Oil Review
- ASPO-USA