



National  
Association of  
Regulatory  
Utility  
Commissioners

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Session VI: Climate Change and Energy  
Efficiency Policies

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# United States Federal Policy

- Dormant Now
  - Challenges to USEPA authority, budgets
  - No serious legislative proposals
- Very different 2007-10
  - Waxman/Markey
- National RPS?
- Energy Efficiency Strategy
- Investment in New Technology

# State Policies

- Pre-2007 and now, where most of the action is
- RPS—30+ states
  - Most mandatory
  - Range of Targets
- EE Policies
  - Range of aggressiveness
  - Building Codes

# State Policies (continued)

- Preferences for Renewables
  - Carve-outs
  - Debate on What is Renewable
- Carbon Capture and Sequestration

# Illinois Efforts

- Climate Change Advisory Group
- Midwestern Governors' Association
- Climate Registry
- RPS, EE standards
- Carbon Capture and sequestration portfolio standard
- Three-region group, linking

# State Greenhouse Gas Policies

- Regional Greenhouse Gas Initiative
- Western Climate Initiative
  - California
- Midwestern Governors' Association
  - Accord
  - Transmission
  - CCS
  - Jobs

# State GHG Policies (continued)

- Political Changes
- 3-Region Group, Linking
- Climate Registry
  - 41 States
  - All Canadian provinces and territories
  - 6 Mexican states
  - 4 Native American nations

# US EPA Regulations

- While Congress hasn't moved, USEPA has
  - Supreme Court decisions
  - Endangerment Finding
  - Tailoring Rule
  - New Source Performance Standards (NSPS)
    - Section iii(d) of Clean Air Act
    - Will affect every state



# Additional EPA Regulations

- Toxics (Mercury)
- Transport Rule
- Coal Ash
- Cooling Towers
- Ozone (postponed)

# Reliability Issues?

- Much discussion about potential problems
- Affects States, regions differently
  - Prior work on Issue
  - Vertically integrated v. Competitive
- NARUC/NASEO/NACAA Discussion
- Individual State Groups

# Regulator Issues

- Not pure market considerations:
  - Environmental
  - Other externalities
- Jobs—major consideration today
  - In-state wind preferences
- Long-term contracts
  - New coal-to-gas plants
  - Wind

# Regulator Issues (continued)

- Transmission—siting, costs
- How are costs socialized?
- New fuel sources—look to future or just lowest cost power for grid today?
  - Illinois—1/2 nuclear, 1/2 traditional coal

# Regulator Issues (continued)

- Energy efficiency—bid into power procurement?
- How to measure
- Distributed generation
- Pipeline costs, safety

# Questions?

- Thanks for coming to Chicago!

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