

# NYSERDA ASERTTI Fall Meeting Chicago, October 2008

**Peter Douglas, Director  
R&D**

## Program Funding

- **Energy Efficiency Portfolio Standard**
  - Aggressive targets 15% by 2015
  - Less emphasis on R&D, \$0
  - Decreased NYSERDA funding ~50%
  - Utilities/NYSERDA to share program delivery
  - Challenge to minimize customer confusion
  - Increased reporting burden
  - Greater restrictions on cross fuel subsidies
- **Clean Air Interstate Rule**
  - Program struck down by courts
  - ~\$30M funding loss

## Program Funding

- **Regional Greenhouse Gas Initiative**
  - 1<sup>st</sup> Auction 9/25, NYS commodity @ 2<sup>nd</sup> Auction 12/17
  - Expect ~\$180/yr or lawsuits
  - Op Plan under development
  - Emphasize near/long term, RCI, GT&D, Transportation, Land Use, Agriculture, Forestry, Animal & PP Waste Mgt
- **Electric Fossil Balance**
  - Current structures collect/return to same rate payers
  - Solid electric SBC, less-developed gas SBC, oil-heat surcharge emphasis on defending market, less on equipment innovation
  - Needs not evenly matched to funding

## New R&D Program Emphasis

- **Liquid/Solid Renewable Fuels**
  - Market, Supply, Distribution, Field Demonstrations
    - Low-Sulfur, Bx, Wood, Switch grass
    - Higher fuel oil prices, emissions complaints a challenge
  - Equipment Development, Demonstrations
    - Import European technology/grow NYS manufacturers
    - Mobile pellitizer, two-stage comb., controls
    - Support Lower emission standards with objective data
- **Transmission & Distribution**
  - New Technology – visualization, communication, control, storage,
  - Market development – ISO rules, discover public/private solutions
  - Increase capacity, reduce new infrastructure investment
  - Accommodate wind generation capacity, congestion