New York State Energy Planning Board

Public Service Commission
Energy Efficiency Initiatives

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Commission Initiatives

System Benefits Charge (SBC)
- Established January 1998 to fund public policy initiatives not expected to be adequately addressed by participants in competitive electric markets

Energy Efficiency Portfolio Standard (EEPS)
- Established June 2008 - electric programs
- Established May 2009 - gas programs
1998 PSC authorizes $78 million/year funding (3yrs)
  - Targeting energy efficiency programs, energy related R&D and energy affordability for the low income sector

2001 SBC renewed by PSC for five years
  - Funding level increased to $150 million/year
  - Additional focus on peak load reduction

2005 PSC renews SBC for five additional years
  - Funding level increased to $175 million/year
  - 15 Energy Efficiency programs/11 R & D programs

2010 SBC extended five and one half years
  - Resource acquisition programs rolled into EEPS
  - SBC focused on Technology and Market Development
    - Average annual budget $100 million
Technology and Market Development

Key Objectives
- Accelerate innovation through research/market analysis
- Technology development and demonstration
- Promotion of a clean energy economy
- Improve energy-use standards and best practice

Program Overview
- Eight initiative in three categories
  - Power Supply & Delivery
  - Building Systems
  - Clean Energy Infrastructure
T&MD Initiatives

Power Supply and Delivery
- Smart Grid and Electric Vehicle Infrastructure
- Advanced Clean Power
- Combined Heat and Power

Building Systems
- Advanced Buildings
- Advanced Energy Codes and Standards

Clean Energy Infrastructure
- Market Development
- Clean Energy Business Development
- Environmental Monitoring, Evaluation and Protection
Energy Efficiency Portfolio Standard

- Response to Governor announced 15 by 15 goal
- Benefits
  - Reduce ratepayers’ energy bills
  - Reduce greenhouse gas emissions/air pollution
  - Enhance system reliability
  - Clean energy job creation
  - Stabilization of energy costs
- Primary focus is resource acquisition
- Fuel specific – separate electric and gas programs
- EEPS 1  - January 2009-December 2011
- EEPS 2 – January 2011-December 2015
Budgets/Goals

- Electric $375 million/year - 1.9 million MWhs/year
- Gas $148 million/year - 3.8 million Dts/year

12 program administrators

- NYSERDA (statewide)
- 6 electric/gas combination utilities
- 5 gas only utilities

106 electric & gas programs
EEPS Programs

- **Program Types**
  - Prescribed Efficiency Equipment Rebates
  - Site-specific Custom Projects
  - Market Transformation

- **Sectors served**
  - Residential
  - Low Income
  - Multi-family
  - Commercial
  - Industrial
  - Agricultural