

# 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

# SBC 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

# EEPS 2 Reauthorization- October 25, 2011

- 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