

# 2011 CARIS I Scenario Discussions

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**ESPWG Meeting**  
*September 7, 2011  
Rensselaer, NY*

# Scenario Discussions

- ◆ **Scenario Purpose and Uses**
- ◆ **Scenario Study Process**
- ◆ **Scenario Proposals**

# Scenario Purpose and Uses for 2011 CARIS

- ◆ **Attachment Y Section 31.3.1.5**
- ◆ **NYISO, in conjunction with ESPWG and TPAS to develop scenarios**
- ◆ **Consider load forecast uncertainty, fuel price uncertainty, new resources, retirements, emission data and cost of allowances**
- ◆ **NYISO to report results in the 2011 CARIS 1 Report**

# 2011 CARIS 1 Scenario Study Process

- ◆ **Select two years (2015 and 2020) for each scenario**
- ◆ **For each scenario, show congestion on each of the 3 Selected Study Interfaces for 2015 and 2020**

# Scenario Proposals

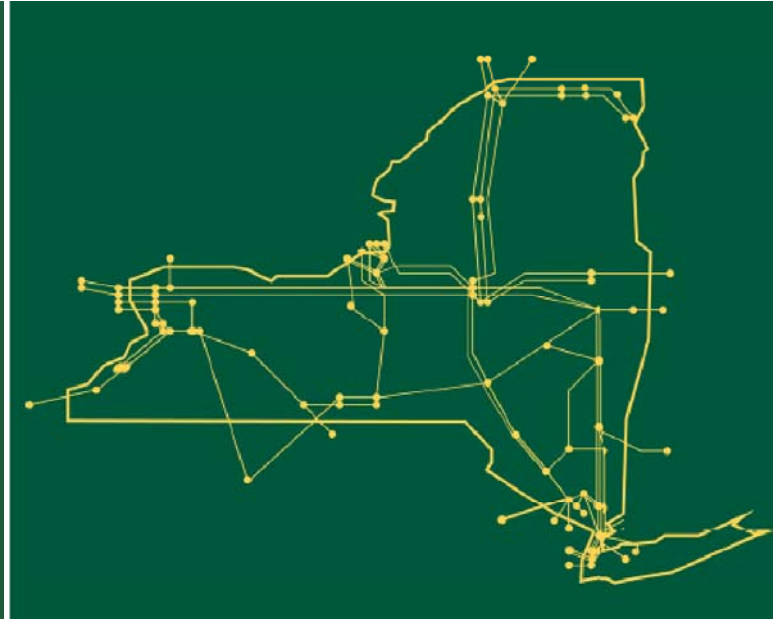
- ◆ **Proposed scenarios:**

- 1 . EPA projected NOx and SO2 Costs**
- 2. Higher load forecast - from 2011 Gold Book**
- 3. Higher Natural Gas Prices – One Std Deviation**
- 4. High Renewables and Full EEPS – Full RPS and Full EEPS goals achievement**
- 5. Athens SPS continued in service**
- 6. Lower Load Forecast – from 2011 Gold Book**

# 2011 CARIS 1- Other Scenarios

- ◆ **As time permits:**
  1. **Lower Carbon Emission Costs – flat \$5/ton**
  2. **Lower Natural Gas Prices – One standard deviation**
- ◆ **Not Recommended:**
  1. **CPV Valley in service**
  2. **Lower hurdle rates**

The New York Independent System Operator (NYISO) is a not-for-profit corporation responsible for operating the state's bulk electricity grid, administering New York's competitive wholesale electricity markets, conducting comprehensive long-term planning for the state's electric power system, and advancing the technological infrastructure of the electric system serving the Empire State.



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