

PRELIMINARY 2008-09 IRM STUDY SENSITIVITY CASES

Transmission Sensitivity

- T1 - No internal NYS transmission system constraints [1]
- T2 - Remove Neptune [3]

Assistance from Outside World Sensitivity

- A1 - NYCA isolated [1]
- A2 - Each External Control Area's 2008 Load and Capacity as presently projected. [2]
- A3 - Each External Control Area's IRM that is required for meeting its own LOLE criterion [2]
- A4 - Enhanced NEPOOL system (assumes latest ISO-NE Regional Plan) [5]

Generating Unit Availability Sensitivity

- G1 - Increase EFORds from Base Case (represented by assuming the maximum annual EFORds during the 2002-06 period) [1]
- G2 - Decrease EFORds from Base Case (represented by assuming the minimum annual EFORds during the 2002-06 period) [1]
- G3 - Use of updated GT Derate Model [3]
- G4 - Represent IP 2 as unavailable entire year instead of using its 2002-06 average [3]

Load Sensitivity

- L1 - No Load Forecast Uncertainty represented [1]
- L2 - Assume the actual 2008 peak load will be the 0.8 percentile load represented in the Base Case load forecast uncertainty distribution model [2]
- L3 - Assume the actual 2008 peak load will be the 0.2 percentile load represented in the Base Case load forecast uncertainty distribution model [2]

Emergency Operating Procedure (EOP) Sensitivity

- EP1 - No SCRs and EDRPs [3]

Environmental Initiative Sensitivities

- EN1 – HEDD Scenario [4]
- EN2 – RGGI Scenario [4]

Misc. LOLE Sensitivity

- M1 - IRM vs. LOLE curve (with LOLE of Base Case IRM @ 0.1) (EC AI #82-5) [5]
- M2 - Monte Carlo confidence level, including use of a 0.05 standard error [5]
- M3 - LOLE for Monte Carlo convergence at a standard error of 0.025 [5]
- M4 – Combine A-3 with G-1 [3]

[1] Sensitivity group priorities for running cases.