

2011CARIS I: 2010 Preliminary Results

William A. Lamanna New York Independent System Operator

ESPWG May 19, 2011 Rensselaer, NY



Modeling Results vs 2010 Actual

- Imports are within ten percent
- Internal interface flows are within ten percent
- NYCA generation is within 5 percent
- Identified top two constraints –Central East, Leeds-PV fall within 20 percent of historic

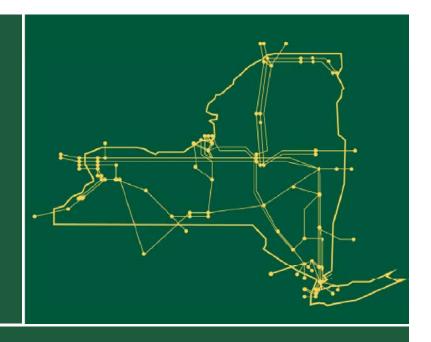


Modeling Results vs 2010 Actual

	2010 Actuals	MAPS
NYISO-PJM_SOFT (GWH) Neptune HVDC (GWH) ISONE-NYISO_SOFT (GWH) LIPA Cable (GWh) NYISO-IESO (GWH) NYISO-HQ (GWH)	7,466.6 4,765.8 1,483.8 533.5 2,572.8 4,863.0	7,365.1 4,898.2 517.8 714.6 2,424.6 4,263.6
Cross Sound Cable (GWH)	<u>2,403.5</u>	<u>1,621.7</u>
Total Imported (GWH)	24,089.0	21,805.6
Total NYCA Generation	139,554.0	142,299.1
TOTAL	163,643.0	164,104.7
70115	2010	2010
ZONE	GBook	<u>0510 - 0511</u>
SuperZone-1 SuperZone-2 SuperZone-3	68,568.0 35,936.0 35,050.0	68,670.5 38,319.2 <u>35,309.4</u>
	139,554.0	142,299.1
SuperZone-1 = West + Geness SuperZone-2 = Capital + Hudso SuperZone-3 = Dunwoodi + NY	on Valley + Millwood	Mohawk Valley
MAPS Demand Congestion Tot		1,008,760,177
Actual Demand Congestion Tot		1,155,417,853



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.



www.nyiso.com