

CARIS I 2010 Preliminary Results

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ESPWG

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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 + Genessee + Central + North + Mohawk Valley SuperZone-2 = Capital + Hudson Valley + Millwood SuperZone-3 = Dunwoodi + NYC + Long Island				
MAPS Der	1,008,760,177			
Actual De	1,155,417,853			



Modeling Results (Generation) for 2011

	2010	2010	2011
<u>ZONE</u>	<u>GBook</u>	<u>MAPS</u>	<u>MAPS</u>
SuperZone-1	68,568.0	68,670.5	67,835.3
SuperZone-2	35,936.0	38,319.2	38,573.3
SuperZone-3	35,050.0	<u>35,309.4</u>	31,970.5
	139,554.0	142,299.1	138,379.1
SuperZone-1 = West + Gene	ssee + Central + North +	- Mohawk Valley	
SuperZone-2 = Capital + Hud			
SuperZone-3 = Dunwoodi + N	YC + Long Island		

Identified top two constraints –Central East, Leeds-PV

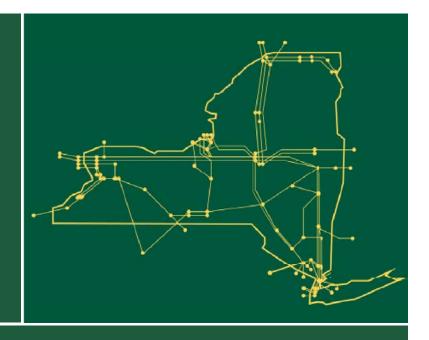


Next Steps

- Discussion of work in progress
- Items for next meeting



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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