

# 2011 CARIS I – Study Period Alignment Results

William A. Lamanna New York Independent System Operator

#### **ESPWG**

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### Modeling Results vs 2010 Actual

- First Modeled 2010 Actuals and Achieved Alignment with 2010 Historical Results
- Moved to 2011 (first year of study period) and removed Astoria Energy 2 and Set Leeds/PV limits to match 2010 SPS limits
  - Aligned model results with a greater emphasis on imports and generation levels.
  - primary metric for CARIS is production costs

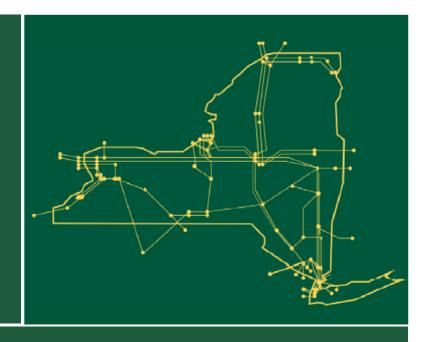


## Modeling Results vs 2010 Actual

	2010 Actuals	-	MAPS 2011
NYISO-PJM_SOFT (GWH) *	7,466.6		11,781.0
Neptune HVDC (GWH)	4,765.8		3,924.4
ISONE-NYISO_SOFT (GWH)	1,483.8		(333.2)
LIPA Cable(GWH)	533.5		634.5
NYISO-IESO (GWH)	2,572.8		1,518.1
NYISO-HQ CHA (GWH)	4,863.0		4,259.6
Cross Sound Cable (GWH)	2,403.5		1,018.8
VFT (GWh) *	-		<u>1,657.4</u>
Total Imported (GWh)	24,089.0		24,460.7
Total NYCA Generation	139,554.0		139,500.1
TOTAL	163,643.0		163,960.7
<u>zone</u>	2010 <u>Gold Book</u>		2011 <u>MAPS</u>
SuperZone 1	68,568.0		71,145.9
SuperZone-1 SuperZone-2	35,936.0		71,145.9 38,791.4
SuperZone-3	35,050.0		29,562.8
5upc.25iic 5	139,554.0		139,500.1
SuperZone-1 = West + Genessee + Central + North SuperZone-2 = Capital + Hudson Valley + Millwood SuperZone-3 = Dunwoodi + NYC + Long Island			
	MAPS Demand Congestion Total		756,416,457
Actual Demand Congestion Total		1,155,417,853	
* VFT is included in the NYISO-PJM_SOFT total			



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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