

FitzPatrick Deactivation Study Assumptions

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ESPWG

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Major Assumption Differences

Capacity Resource	Deactivation Date or Action	Zone	Name Plate (MW)	Change from CRP (MW)	Cumulative (MW)
Dunkirk Conversion	Withdrawn	А	535.2	-435	-435
Huntley 67 & 68 Deactivation	Mar. 1, 2016	А	436	-376.9	-812
FitzPatrick Deactivation	Jan. 1, 2017	С	882	-836.8	-1649
Ginna Deactivation	April. 1, 2017	В	614	-581.4	-2230
Cayuga 1 & 2 Deactivation	Not in CRP	С		0	-2230
CPV	Mar. 1, 2017	G		677.6	-1553
2015 GB DMNC and SCR Totals	Updated	All		-255	-1808
Misc Deactivations ¹	New since 2015 Gold Book	L,A		-187.8	-1995
Total Change in Capacity Resources					-1995
Load and Other Changes					
Year 2020 Load Difference		All		794	-1201
Net Purchases and Sales		All		-675	-1876
SCR/EDRP		ALL		120	-1756
Intermittent Resources		All		-2	-1758

¹Niagara Bio-Gen, Astoria GTs, Ravenswood GTs

Note: Zones at Risk Analysis in 2014 CRP indicated 2,400 MW could be lost ROS in Year 2020



Changes in Topology Assumptions Impacting LOLE

Topology Changes

	2014 CRP		Fitz Deactivation		Delta	
Interface	Forward	Reverse	Forward	Reverse	Forward	Reverse
Dysinger East	2900/2600/2150/1525 /900		1650		-1250	
Zone A Group	3425/2825/2275/1525 /700		1800		-1625	
CPV&E to G Group	N/A		2275		CPV to G interface added to this Group and UPNY-SENY	
UPNY-SENY	5600		5600		CPV at Max Output Effectively reduces UPNY-SENY	
A Line + VFT	815/600		815/700/500/200		-400	
PJM-SENY Group	3075		2000		-1075	



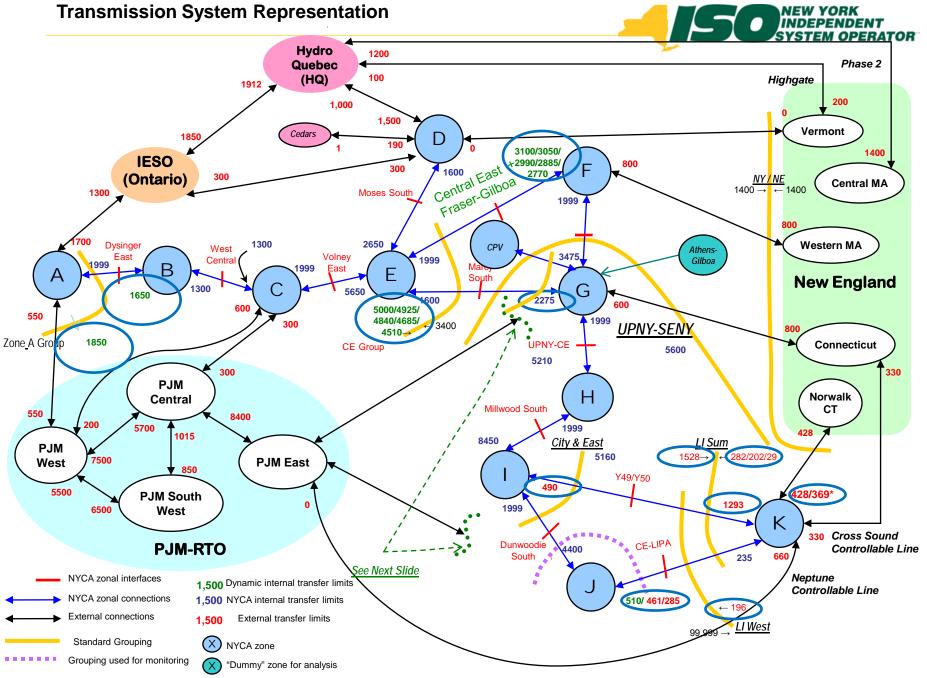
Summary of Updates and Results

Resources obtained from the 2015 Gold Book and 2016 IRM report

MW Source Quantity	Zones A-F	Zones G-J	Zone J	Zone K	Total NYCA
Load ¹	12,457	17,067	12,356	5,505	34,862
Generation Capacity	16,867	15,392	9,572	5,260	37,519
SCR	719	467	386	68	1,254

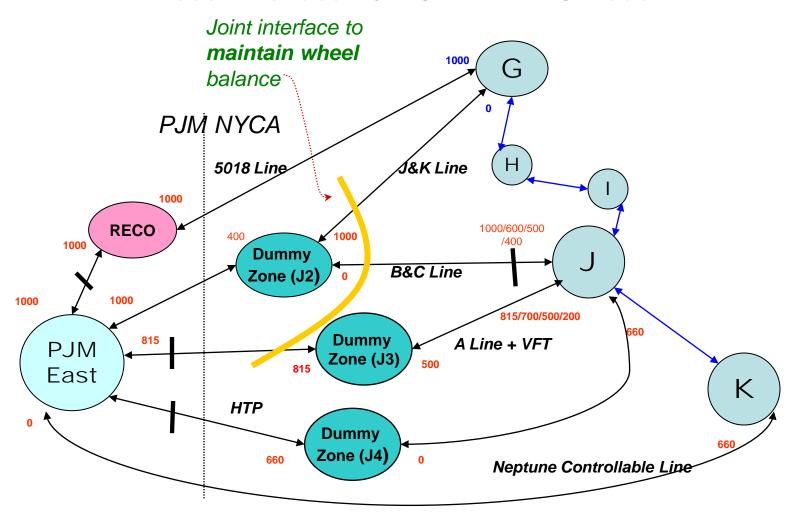
¹ Behind the meter Solar removed from forecast

Year	Base LOLE	Statewide Resource Need
2019	0.1064	125
2020	0.1177	325





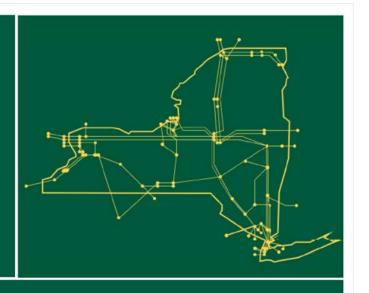
Recommended PJM-SENY MARS Model



(PJM East to RECO) + (J2 to J) + (PJM East to J3) + (PJM East to J4) = 2000 MW



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