

External ICAP Allocation for the 2014 through 2015 Capability Year

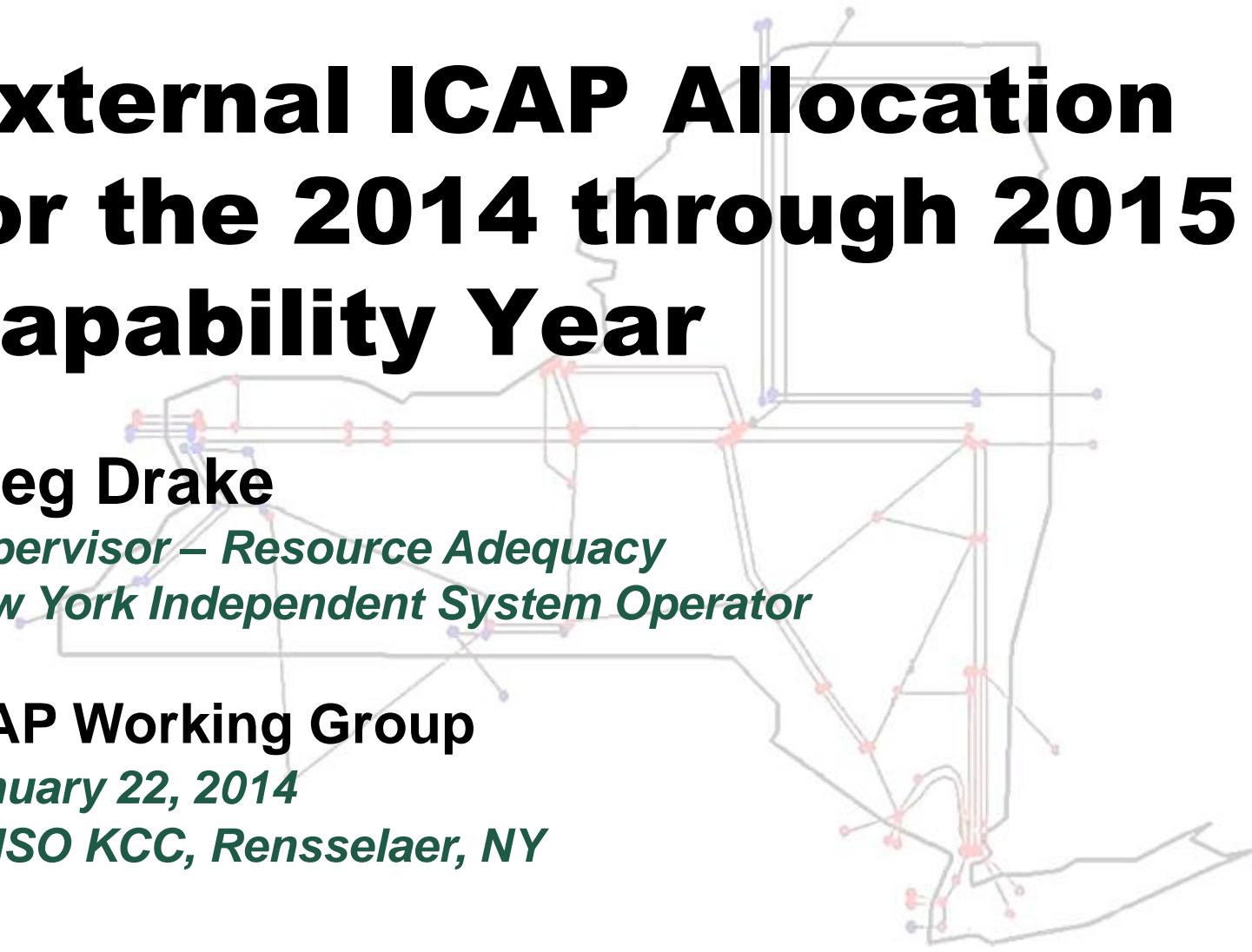
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Objective

- ◆ To determine the maximum amounts of import capacity allowed (Sec 2.7, ICAP Manual)
- ◆ MARS simulations were performed on the LCR MARS database to maximize the sum of the individual capacity import contributions without violating the LOLE criterion

TIEs Excluded

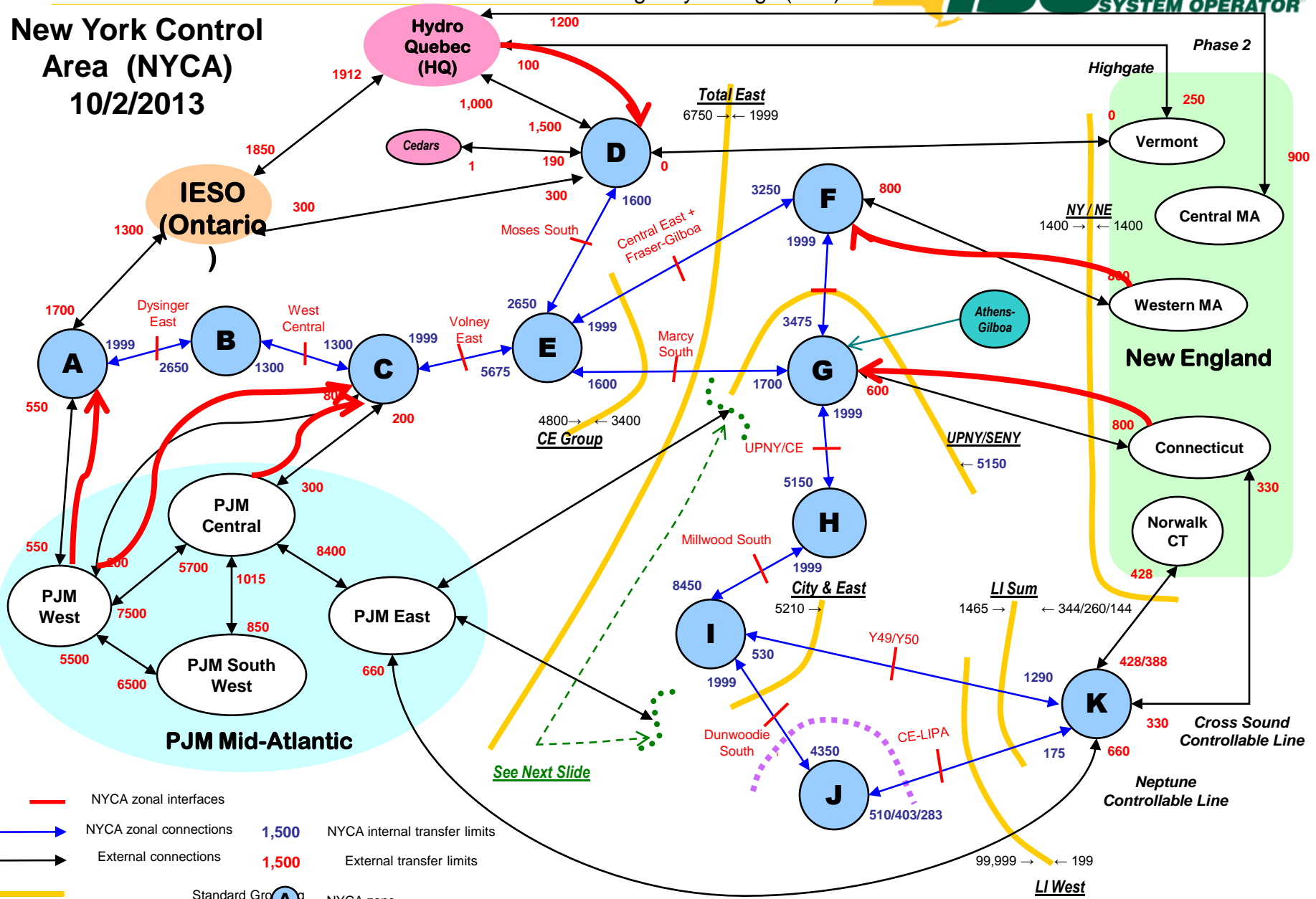
- ◆ Interface facilities having UDRs
- ◆ Controllable lines from PJM into NY
- ◆ The NUSCO 1385 (NNC) line
- ◆ Ontario ties
- ◆ Cedars to NY

Transmission System Representation 2014 IRM Study

Summer Emergency Ratings (MW)



New York Control Area (NYCA)
10/2/2013



See Next Slide

- NYCA zonal interfaces
- ↔ NYCA zonal connections
- ↔ External connections
- Standard Group
- - - Grouping used for monitoring
- NYCA zone
- "Dummy" zone for analysis

Methodology

- ◆ Initial MARS Database: 2014-2015 IRM database as updated for the LCR study
- ◆ Model Grandfathered imports consistent with the IRM study
- ◆ Determine the maximum imports for each Control Area individually by increasing imports on the Area's study ties until the LOLE criterion is violated

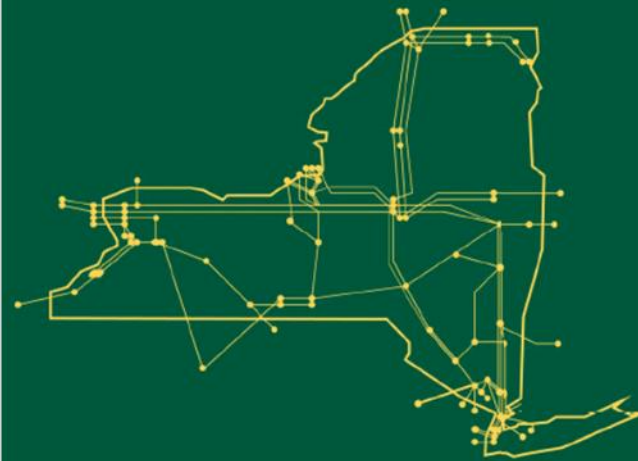
Methodology Cont'd

- ◆ Maximize the total imports allowed simultaneously without violating the individual Area import limit and the LOLE criterion

Results (MW)

	PJM	ISO-NE	Quebec through Chat	Quebec through Cedars	Quebec through IESO	Row Totals
Initial Values (TTC Summer Ratings)	1550	1400	1500	190	1850	6490
Individual Limits	1095	525	1110	0	20	2750
Grandfathered Rights and ETCNL	1080		1090			2170
Historic Firm Imports	25-400	0	1000-1100	0	0	~1025 - 1500
Final Values	<u>1080</u>	<u>300</u>	<u>1110</u>			<u>2490</u>

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