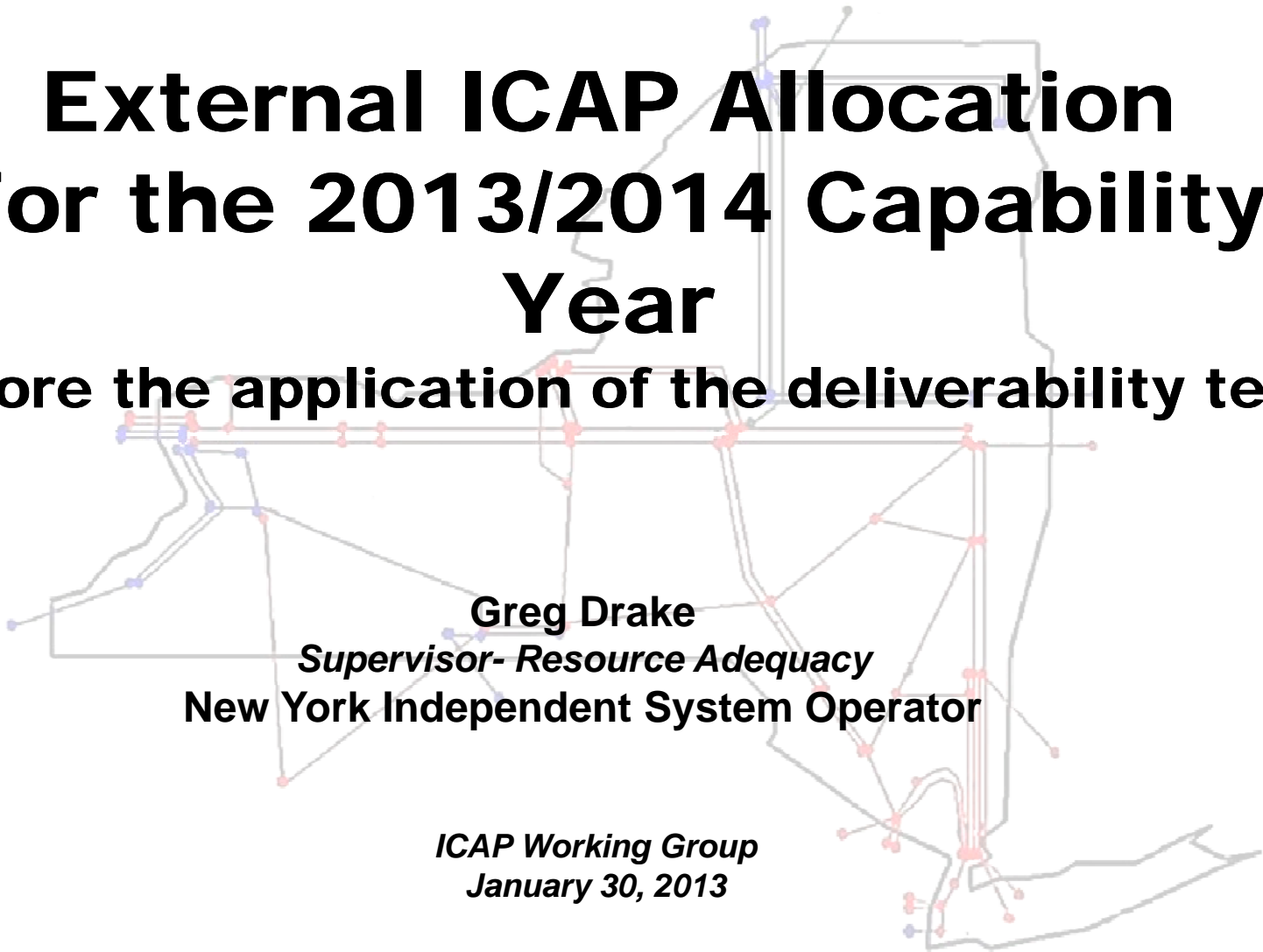


External ICAP Allocation For the 2013/2014 Capability Year

(Before the application of the deliverability test)



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Overview

- ◆ **The objective of the study is to determine the maximum imports (Sec. 2.7, ICAP Manual)**
- ◆ **A series of MARs simulations were performed to maximize the sum of the individual contributions without violating the LOLE criterion.**
- ◆ **The final results of these simulations are provided.**

Discussion

- ◆ **Ties not included**
- ◆ **Transmission system representation**
- ◆ **Method**
- ◆ **Starting Values**
- ◆ **Results**

Ties not included in 2013 import allocation limits

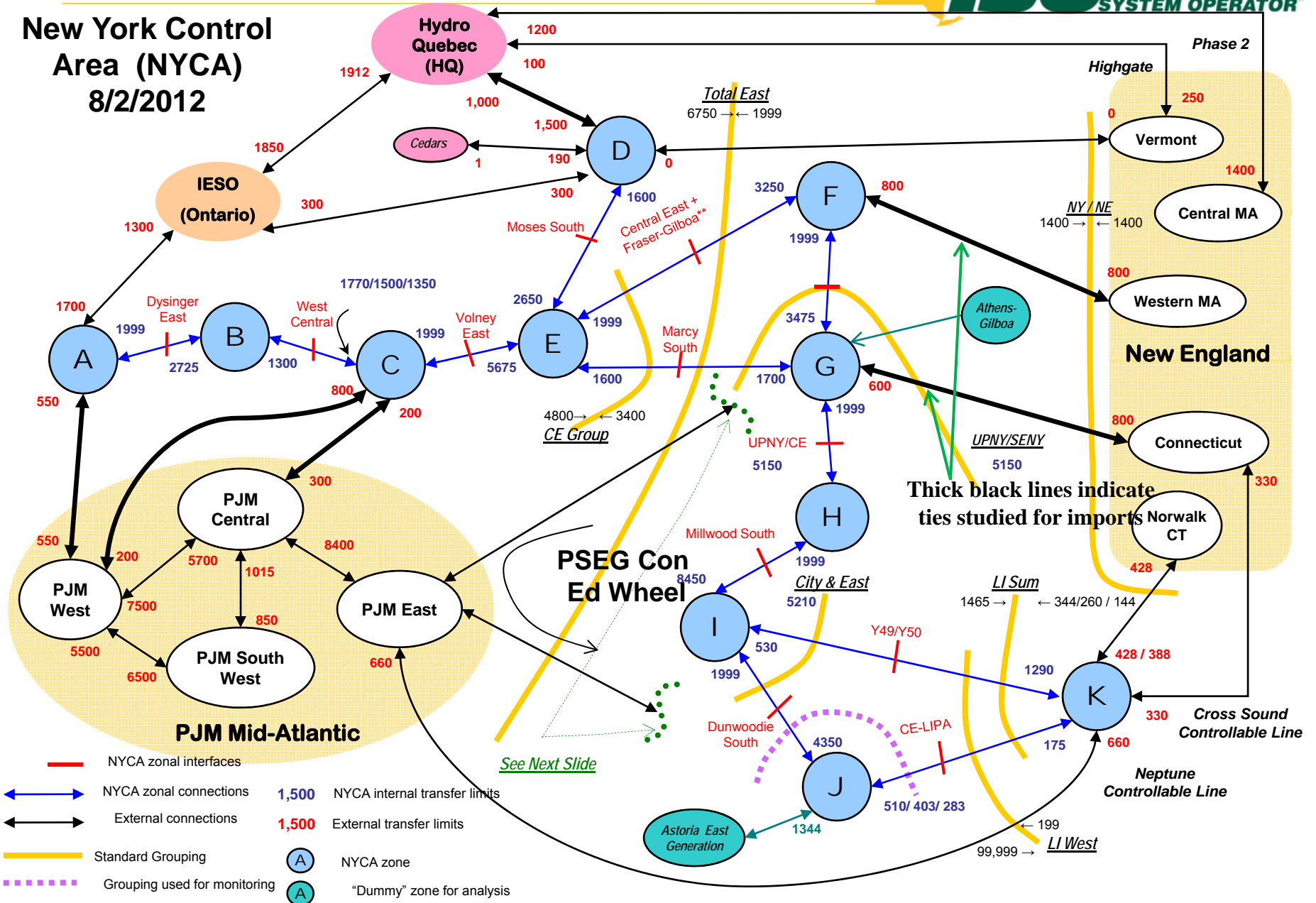
- ◆ **Interface facilities having UDRs;**
- ◆ **Controllable lines from PJM to NY;**
- ◆ **The NUSCO 1385 (NNC) line (no capacity contracts);**
- ◆ **Ontario ties (not participating in ICAP market);**
- ◆ **Cedars to NY (no contract activity, no current CRIS rights)**

Transmission System Representation 2013 IRM Study

Summer Emergency Ratings (MW)



New York Control Area (NYCA) 8/2/2012



Method

- ◆ **Start with 2013-2014 IRM database updated to include the final load forecast and other changes identified in the LCR study report.**
- ◆ **Model Grandfathered imports (consistent with IRM study).**
- ◆ **Look at participating external Control Areas and adjust imports on the ties that are described on slides 3 and 4.**
- ◆ **Find initial maximum imports by increasing imports for one Control Area until Loss of Load Expectation (LOLE) violation occurs.**
- ◆ **Repeat for other Control Areas, individually.**

Starting Values (MW)

	PJM	Quebec via IESO	Quebec via Chat.	Quebec via Cedars	ISO-NE
Starting¹ Values (TTC) Summer ratings	1550	1850	1500	190	1400
Initial Individual Test Results	1097	0	1165	0	950

1. We honor grandfathered rights and ETCNL of 1080, 1090, and 50 MW for PJM, Quebec (Chateauguay), and ISO-NE, respectively.

Results (MW)

Maximum Imports

	<u>PJM</u>	<u>Quebec</u>	<u>ISO-NE</u>	<u>Total</u>
Historic Firm Imports (summer)	25-400	1000-1100	0	~1400
Final Values^{1,2}	<u>1080</u>	<u>1100</u>	<u>300</u>	2480

1. PJM is reduced to 1080 MW in order to maximize other imports.
2. The 0.1 days/year criterion can be met for all combinations of imports within these underlined limits.

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