

Summer 2015 Warm Weather Operations

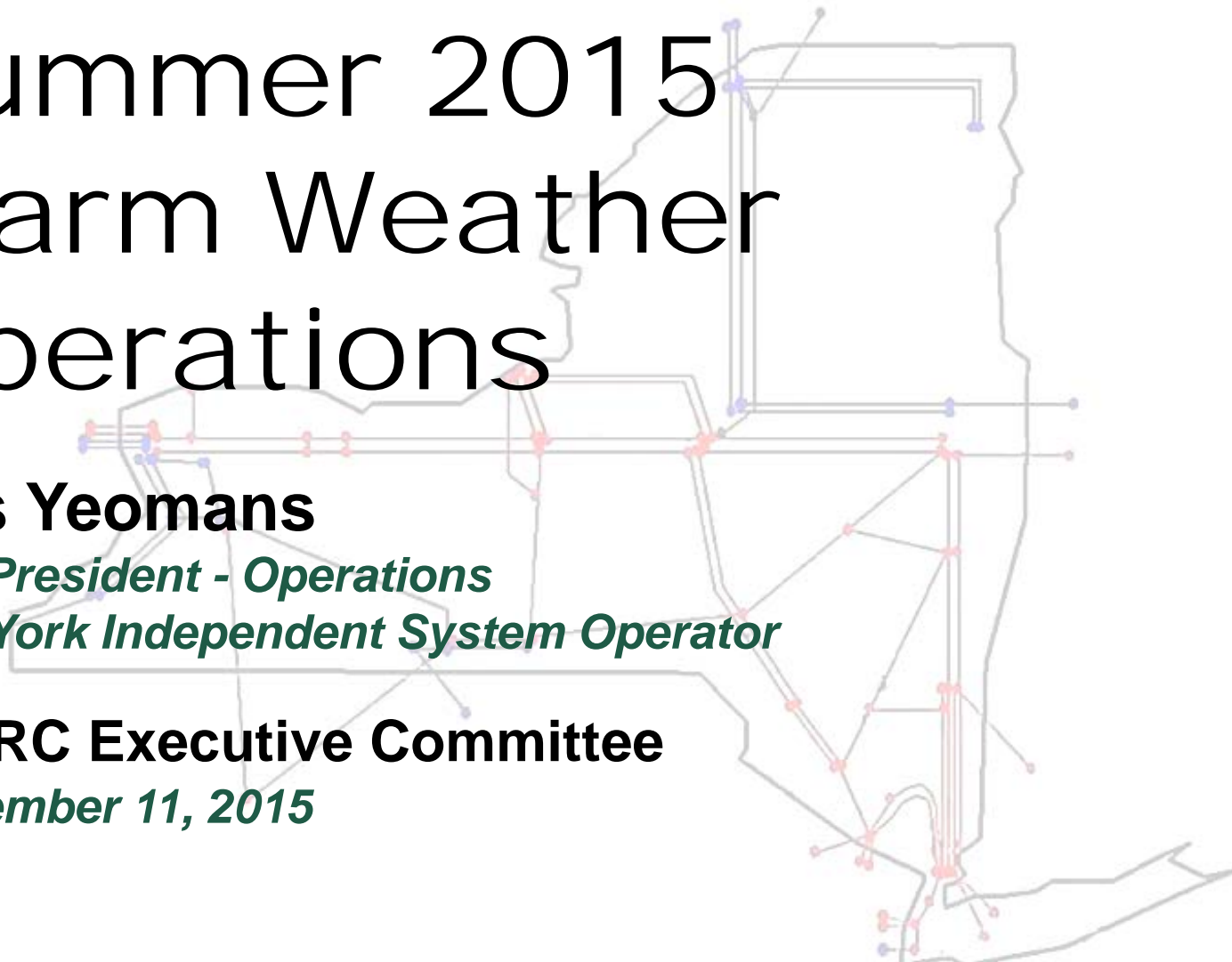
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Vice President - Operations

New York Independent System Operator

NYSRC Executive Committee

September 11, 2015



Summer 2015 Peak Loads

- ◆ **To date, Summer 2015 warm weather conditions have not been extreme and have been short in duration**
- ◆ **Four highest Summer 2015 peak loads (*through September 9*)**
 - *31,138 MW -- July 29, 2015 (Hour Beginning 16:00)*
 - *31,058 MW -- September 8, 2015 (Hour Beginning 16:00)*
 - *30,574 MW -- July 20, 2015 (Hour Beginning 15:00)*
 - *30,543 MW -- August 17, 2015 (Hour Beginning 16:00)*
- ◆ **Forecast Summer 2015 peak**
 - *33,567 MW (Baseline) [30,494 MW (Low) / 35,862 MW (High)]*
- ◆ **All-time Summer Peak**
 - *33,956 MW -- July 19, 2013 (Demand Response resources were activated during this time period)*
- ◆ **Last Summer's peak load**
 - *29,782 MW -- September 2, 2014*

NYCA - Actual, Published and Weather-Adjusted Loads

Wednesday, July 29, 2015

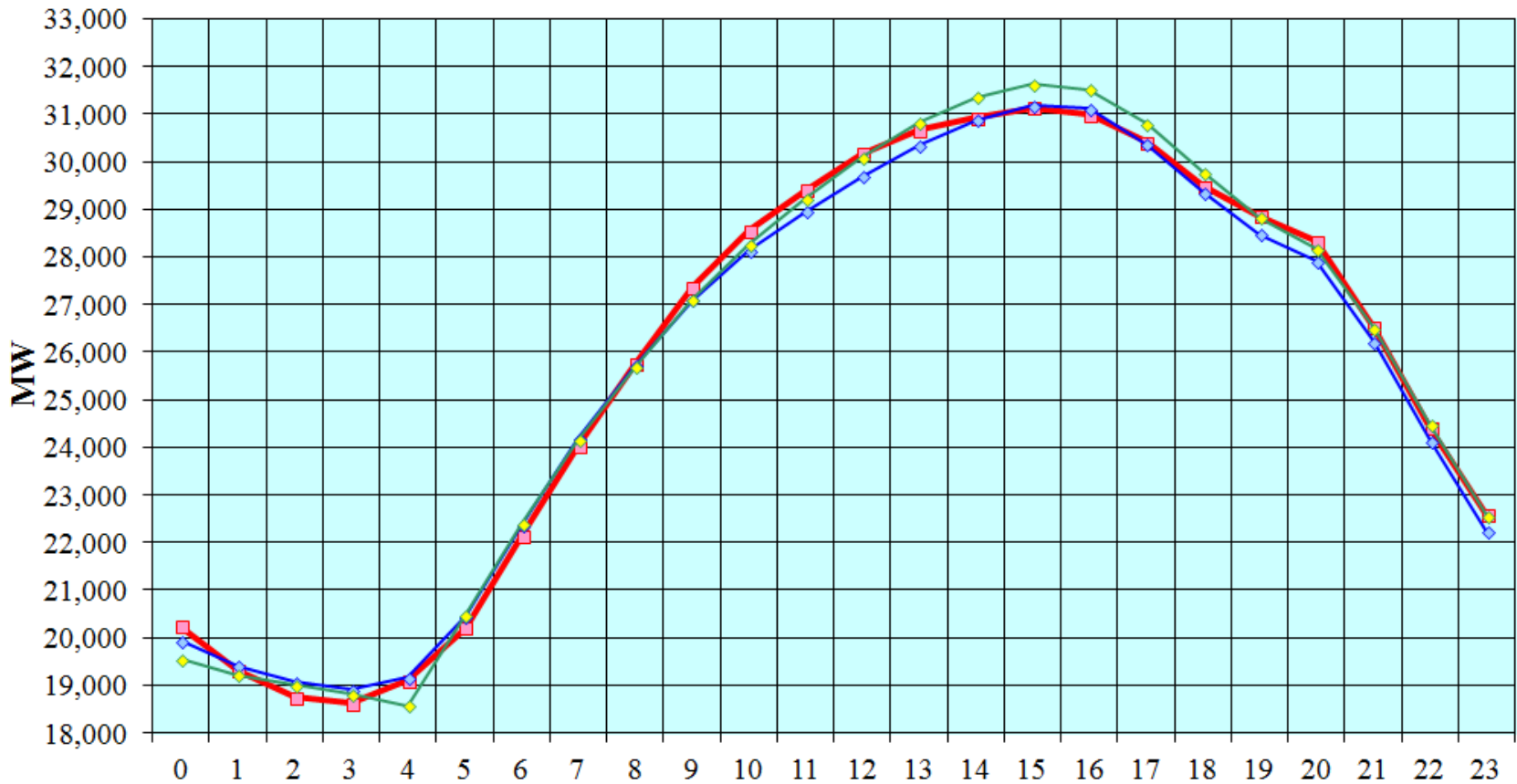


Chart is in Eastern Standard Time

Actual Day-Ahead Weather-Adjusted with Calibration

Warm Weather Operations

- ◆ **NYISO met all operating reliability requirements**
 - *Maintained sufficient operating reserves*
 - *No need for any state-wide Supplemental Capacity Commitments*
 - *No need for Demand Response Notifications or Activations*
 - *No NYISO-directed public appeals*

- ◆ **Generator Performance**
 - *No significant generator outages*
 - *Very few fuel availability generator derates and no inventory problems*

Warm Weather Operations

◆ Transmission Performance

- *Transmission voltage performance good*
- *There was one 345 kV forced transmission outages on July 20*
 - 345 kV Mott Haven – Rainey Q11 (four hours)

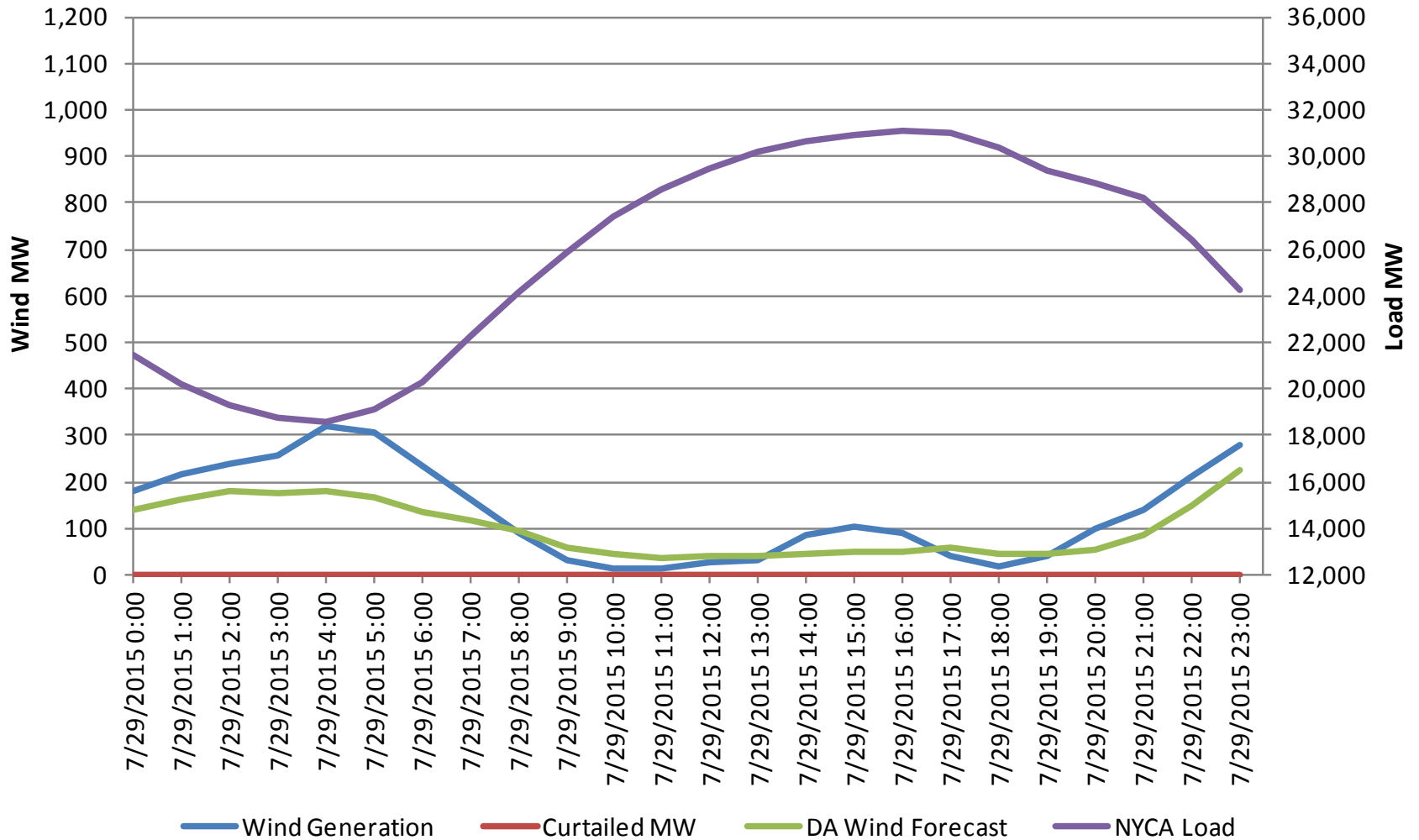
◆ Regional Conditions

- *Neighboring Reliability Coordinators reported excess capacity margins over peak conditions*

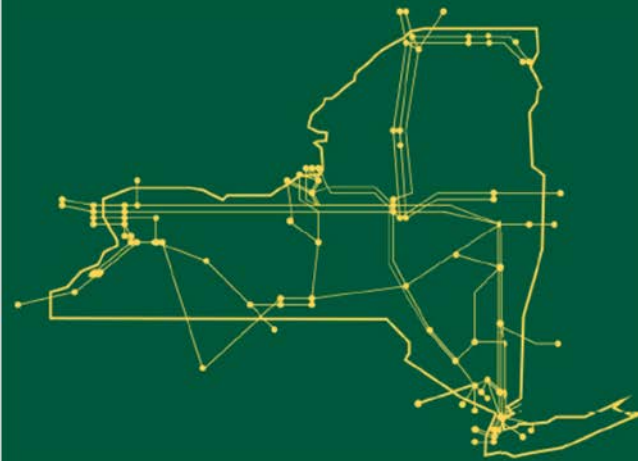
◆ Gas infrastructure Performance

- *There were some OFOs issued by gas LDCs requiring gas customers to stay within nomination scheduled tolerances*
- *On July 29, there was a pipeline compressor forced outage for one hour*

Wind Output July 29th 2015



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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