

IESO Gas-Electric Coordination

Len Johnson

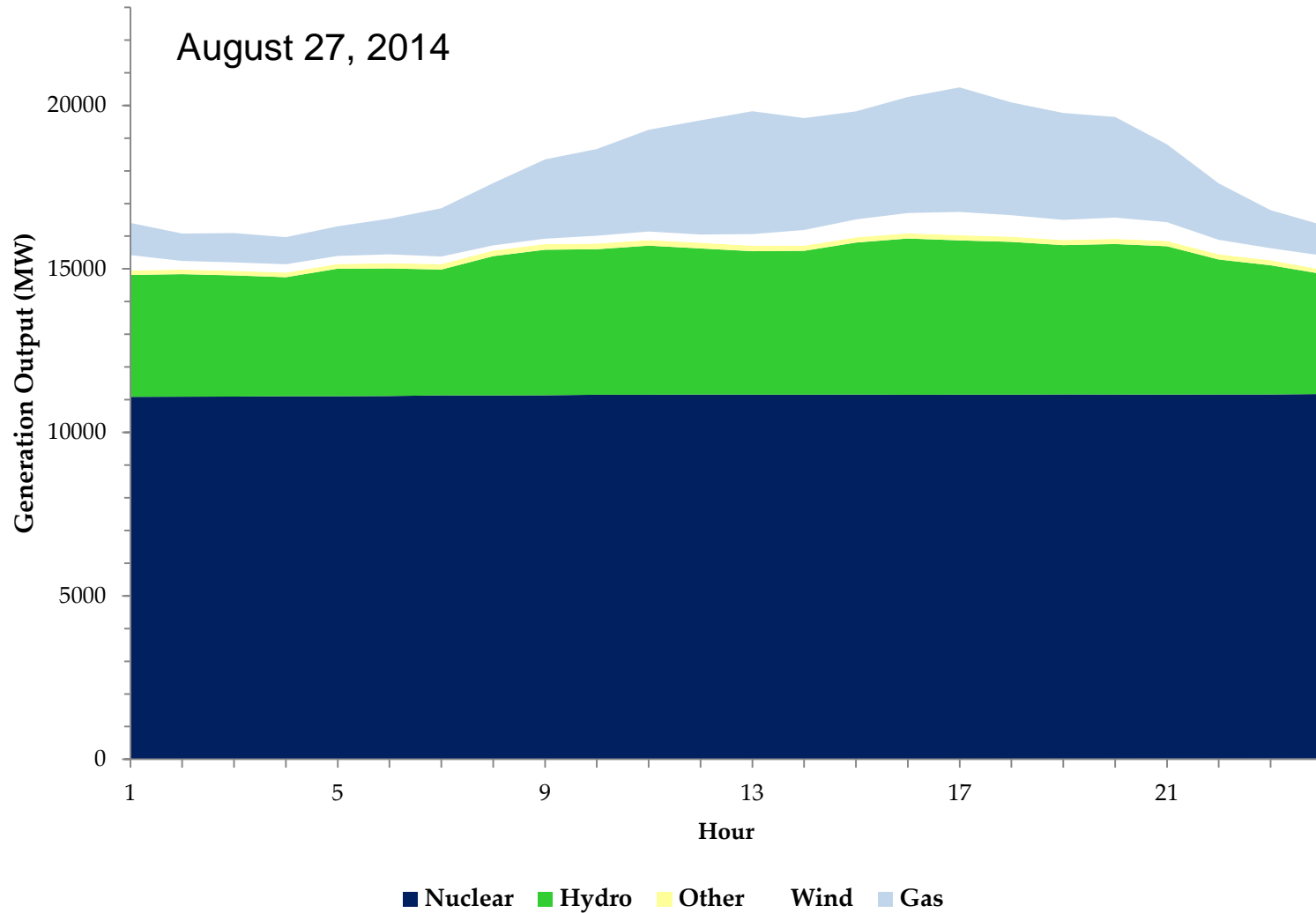
Manager, Market Forecasts & Integration

November 5, 2014



- Importance of Gas-Electric Coordination
- Industry wide Gas-Electric Coordination Initiatives
- IESO Gas-Electric Coordination Initiatives

Gas Generators are the Intermediate Fleet in Ontario



- FERC Order 787
- 2014 Ontario Energy Board Natural Gas Market Review
- IESO Gas Electric Review

- [FERC Order 787](#) was issued on June 14, 2014.
- Authorizes interstate pipeline companies and ISOs to share non-public information.
- Several ISOs in the USA share gas generator schedules with pipeline and storage providers.
- Pipelines in the USA share maintenance and outage plans with ISOs.

The 2014 Natural Gas Market Review provides an opportunity for the OEB to consider how recent regulatory developments in neighbouring jurisdictions may impact Ontario, or provide learning opportunities to facilitate gas-electric coordination efforts in the province.

[2014 Natural Gas Market Review \(EB-2014-0289\)](#)

The IESO is providing input into the scope of the review, recommending the OEB explore:

- Removing communication barriers between gas pipelines and electric utilities
- Improved coordination of scheduling between gas and electric industries

IESO instituted its own Gas-Electric Coordination Review this year, consisting of:

- Interviewing gas generators and pipelines
- Reviewing IESO Market Rules and Market Manuals
- Reviewing other ISO and FERC information as it relates to gas-electric coordination
- Reviewing public gas information (e.g., pipelines, other ISO websites)

Recommendations resulting from IESO Gas-Electric Review:

- Review outage reporting requirements with gas generators
- Improve communications protocols between gas generators, gas pipeline and storage providers, and the IESO
- Review how gas generators should offer due to equipment start-up limitations
- Create a new system advisory notice - “Maximum Generation Alert” may be issued when:
 - All Ontario generators that have offered in the IESO Market have been scheduled for energy (and/or operating reserve) and,
 - There are available Ontario generators that have not offered.

- IESO is instituting the monitoring of publicly available gas industry information in Fall 2014.
- There will be new messaging in System Status Reports starting late Fall 2014.
- IESO is working with gas generators to improve communications and coordination. (October 15th webinar)
- IESO will continue working with gas pipeline and storage providers to enhance communication for operational and planning needs.

Thank You