



NYISO  
Electric Gas Coordination  
Working Group

*January 8, 2013*

# NYISO OATT Section 34, Attachment BB

## General Application

- ◆ NYISO tariff language publically available at [www.NYISO.com](http://www.NYISO.com)
- ◆ This Coordination Protocol is applicable in circumstances in which the NYISO or NY Transmission Owner has determined that the loss of a Generator due to a Gas System Event (physical loss or curtailment of natural gas to a generator) would likely lead to the loss of firm electric load.
- ◆ This Coordination Protocol also applies to communications following the declaration of an Operational Flow Order (OFO) or an electric Emergency Energy Alert (Level 2 or 3 Energy Emergency Alert defined by NERC Reliability Standard EOP-002)
- ◆ The purpose of this Coordination Protocol is to be one of mutual assistance. Accordingly, nothing in this Coordination Protocol creates any obligation for a gas Local Distribution Company (LDC) to modify an OFO or to make gas supplies available to a Critical Generator (a generator needed by the NYISO to avoid shedding load).

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## Notifications

- ◆ **Upon the declaration of an Operational Flow Order, OFO, by an LDC, the LDC shall notify the NY Department of Public Service, affected Power Plant Operators (PPOs), affected Transmission Owner, and the NYISO. The NYISO receives the OFO from the LDC Electronic Bulletin Board (EBB).**
  
- ◆ **Upon the declaration of a NERC Energy Emergency Alert (EEA) by the NYISO due to an electric capacity shortage, the NYISO shall notify the Transmission Owner (TO) of the EEA. The TO shall notify the LDC. The NYISO shall also notify the LDC of the EEA.**
  - **EEA Level 2: Public appeals, voltage reduction, interruption of non-firm electric load in accordance with applicable contracts, demand side management, utility conservation measures.**
  - **EEA Level 3: Firm Load Interruptions in progress or imminent**
  
- ◆ **Upon the occurrence of a Gas System Event (GSE) requiring a Power Plant Operator to derate a Generator, the PPO shall notify the TO of the derating and the TO shall notify the NYISO.**

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## **Assessment of Electric System after Generator Derate**

- ◆ **Upon receiving notification from the Transmission Owner that the derating of a generator is the result of a Gas System Emergency, the NYISO shall assess the reliability of the bulk power system. The NYISO shall determine whether any generator derated due to a GSE is a Critical Generator (generator needed by the NYISO in order to prevent the shedding of electric load). The NYISO shall determine, for each hour, the amount of electric energy needed to avoid the shedding of firm electric load.**

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## Assessment of Energy Requirements

- ◆ **The NYISO shall notify the TO that the Critical Generator has been identified and notify the TO of the amount of electric energy needed for each hour from the Critical Generator.**
- ◆ **The TO shall notify the PPO of that the derated Generator has been identified as a Critical Generator and communicate the amount of electric energy needed for each hour from the Critical Generator.**
- ◆ **The PPO of each Critical Generators shall notify each of the relevant LDCs delivering natural gas to the Critical Generators and notify the LDCs of the amount of natural gas needed for each hour by each of the Critical Generators.**

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## Assessment of Gas Requirements

- ◆ **The PPO of each Critical Generator shall attempt to procure gas and notify the LDC of the amount of gas that it has procured. The PPO shall also inform the LDC of the estimated amount of gas still needed to operate in accordance with the NYISO's schedule for each hour that the Critical Generator is required.**
- ◆ **The LDC shall communicate to the PPO whether or not it is able to receive and deliver the gas volumes procured by the PPO to meet the Critical Generator's gas requirements in whole or in part.**
- ◆ **If an OFO is in effect, the LDC shall evaluate whether it is able to modify the OFO in a manner that would accommodate the delivery of all or any of the gas procured by the PPA. The LDC shall notify the PPO of each Critical Generator and the DPS whether it can receive and deliver all, any or none of the gas procured by the PPO. The PPO shall notify the TO of the available gas that can be delivered by the LDC and the expected generator capability**
- ◆ **The TO shall provide this updated information to the NYISO.**



NEW YORK INDEPENDENT SYSTEM OPERATOR

**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.**

**[www.nyiso.com](http://www.nyiso.com)**