

# **Gas – Electric Coordination**

## **FERC Order 698 - December 2007**

# FERC Order No. 698

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- ◆ June 25, 2007 FERC incorporated by reference NAESB (North American Energy Standards Board) standards to “*establish communications protocols between interstate pipelines and power plant operators and transmission owners and operators.*”

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- ◆ Pipelines and public utilities are required to implement NAESB standards by Nov. 1, 2007.
- ◆ Not required to make a tariff filings to include standards in tariff at this time
- ◆ Demonstrate compliance filing a statement by November 1, 2007
  - *NYISO Filed Partial Compliance and requested a 3 month extension*

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- ◆ Directs Power Plant Operators (PPOs) and Transportation Service Providers (TSPs) should establish procedures to communicate material changes in circumstances that may impact hourly flow rates.
  - *NO ISO REQUIREMENT*
- ◆ A PPO should not operate w/o approved scheduled quantity ....if the PPO reasonably determines that it has circumstances requiring the need to request gas scheduling changes...PPO should provide its requested daily and hourly flow rates to the TSP...PPO and all affected TSPs should work together to resolve the PPO's request.
  - *NO ISO REQUIREMENT*

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- ◆ ISOs should sign up to receive operational flow orders and other critical notices from the appropriate gas TSPs.
  - *ISO REQUIREMENT IS COMPLETE*
- ◆ TSPs should provide ISOs notification of operational flow orders and other critical notices through the ISOs choice of Electronic Notice Delivery mechanism.
  - *ISO REQUIREMENT IS COMPLETE*

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- ◆ A PPO should, upon request, provide pertinent information concerning the service level (i.e., firm or interruptible) of its procured gas transportation and the performance obligation (i.e., firm (fixed or variable quantity) or interruptible) of its procured gas supply to the appropriate independent Balancing Authority.
  - *ISO NOT PURSUING AT THIS TIME*
- ◆ ISOs should establish written operational communications procedures with gas TSPs and/or PPOs... implemented when an extreme condition could occur, as defined in such procedures.
  - *ISO REQUIREMENT IN PROGRESS*

# NYISO Response

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- ◆ NYISO Developing 3 protocol / agreements
  - *“NYISO – NGA Agreement” (with the interstate pipelines through the Northeast Gas Association)*
  - *“Downstate Protocol Agreement” between downstate TOs, Local Distribution Companies, Gas PPOs and Gas Unit Owners.*
  - *“Upstate Protocol Agreement” between upstate TOs, Local Distribution Companies, Gas PPOs and Gas Unit Owners.*

# Gas Communication Channels

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- ◆ NYISO will inform Pipelines of Energy Emergency Alerts (defined extreme conditions) by e-mail (GasPipelineNotices).
  - *Expectations of high demand (ex. Load management day)*
    - EEA2
      - Load management procedures in effect
        - Public appeals to reduce demand
        - Voltage Reduction
        - Interruption of non-firm end use loads in accordance with applicable contracts
        - Demand-side management
        - Utility load conservation measures
  - *Unexpected disruptions on the electric system that have an immediate impact on gas consumption (ex. NY blackout)*
    - EEA3
      - Firm load interruption imminent or in progress



## Northeast Gas Association

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- ◆ Northeast Gas Association (NGA) is a regional trade association focused on education and training, technology research and development, operations, planning, and increasing public awareness of natural gas in the Northeast U.S.
- ◆ NGA membership covers eight states (Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Rhode Island and Vermont).
- ◆ Membership
  - *Transportation Companies*
  - *Local Distribution Companies*
  - *LNG Suppliers*
  - *ISO-NE and NYISO*

## Northeast Gas Association

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- ◆ Purpose - enhance communication between NYISO and interstate Pipeline
- ◆ For abnormal conditions real-time or projected potential for additional or enhanced electric/gas communications
- ◆ NYISO can contact any regional Natural Gas interstate pipeline anytime. Information discussed will only be publicly available
- ◆ Electric/Gas Operations Committee – forum for info exchange
- ◆ Allows for one on one communications with pipelines
- ◆ Communications with NGA – Gas Supply Task Force
- ◆ References the Gas Supply Information Book