

# GADS Data Submittal to NERC

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*ICAP Working Group Meeting*  
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# Background

- ◆ The GADS database supports NERC in its assessment of bulk power system reliability and performance analysis
- ◆ Industry participation is voluntary
  - *72.4 % of MW are reported in North America*
  - *35.8 % of MW are reported in NPCC*
- ◆ In June 2010, NERC established the Generating Availability Data System Task Force to review and recommend whether Generation Owners should report GADS data to NERC on a mandatory basis

# Background

- ◆ The task force issued its final report in February 2011, recommending that Generator Owners be required to submit GADS data for conventional generating units (e.g. fossil, nuclear, hydro/pumped storage, combined cycle)
- ◆ Schedule for NERC Planning Committee approval is September 2011 and for NERC Board of Trustees approval is November 2011

# Task Force Recommendations

- ◆ All Generator Owners on the NERC Compliance Registry are to report GADS data for units greater than 20 MVA and generating facilities greater than 75 MVA
- ◆ Reporting requirement to become effective January 1, 2012
- ◆ Quarterly reports, due 30 days after the end of each quarter
  - *First report is for January 1 through March 31, 2012 and is due April 30, 2012*

# Data Required by NERC

- ◆ Design Data: Multiple requirements for different types of units, including data on specific components such as the boiler and flue gas desulfurization system
  - *NYISO collects limited design data (unit name, identification number, type of unit, gross and net maximum capacity)*
- ◆ Event Data
  - *NYISO does not collect data on non-curtailing events or reduction MW (for deratings)*
- ◆ Performance Data
  - *NYISO does not collect primary type of fuel through GADS reporting*

# Considerations

- ◆ Data collection frequency
  - *NYISO collects GADS data monthly; NERC will require quarterly submittal*
  - *Quarterly reporting would require new processes and potentially software changes for NYISO*
- ◆ Updates to data
  - *In NYISO software, revised data is not automatically reflected in GADS reports; it requires rerunning calculations*
  - *NYISO cannot independently discern when data has been revised*

# Considerations

## ◆ Confidentiality

- *NYISO is limited by tariff to specific confidential data it is allowed to share*
- *GADS data submittal to NERC would require agreements to be put into place and tracked for each Generator Owner and its units or tariff revisions to permit sharing this data with NERC*

## ◆ Risks

- *Risk to NYISO and Generator Owner, e.g. if data from Generator Owner is not received by NERC*
- *NYISO may be viewed as responsible for the accuracy and completeness of GADS data it submits*

# Input Requested

- ◆ Please send comments by May 4, 2011 to Debbie Eckels and Kathy Whitaker at [deckels@nyiso.com](mailto:deckels@nyiso.com)  
[kwhitaker@nyiso.com](mailto:kwhitaker@nyiso.com)
  - *Clearly indicate whether the comments can be posted or whether they should be treated as confidential*
- ◆ The topic will be reviewed at May 16, 2011 ICAP Working Group meeting



The New York Independent System Operator (NYISO) is a not-for-profit corporation that began operations in 1999. The NYISO operates New York's bulk electricity grid, administers the state's wholesale electricity markets, and provides comprehensive reliability planning for the state's bulk electricity system.

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