

Potential Leading Reactive Power Test Change

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*BIC and OC Meetings
December 8 and 16, 2010*

Leading Reactive Power Test Change

- ◆ The NYISO is proposing to lengthen the time between Leading Reactive Power tests to once every three years
 - *Currently, the NYISO Ancillary Services Manual requires yearly tests, however the NPCC requires testing only once every five years.*
 - *The change was requested by several Generator Owners and approved by the New York State Reliability Council*
 - *It will provide flexibility for NYISO and Transmission Owner system operators in scheduling the tests and reduce system resources needed for annual testing*

Ancillary Services Manual Changes

◆ **Current Wording for Ancillary Services Manual 3.6**

- *Each year resources that participate in VSS must be tested to demonstrate both Lagging and Leading Reactive Power capability or must provide data collected during actual operation to demonstrate both Lagging and Leading Reactive Power capability.*

◆ **Proposed Wording for Ancillary Services Manual 3.6**

- *Each year resources that participate in VSS must be tested to demonstrate Lagging Reactive Power capability. Once every three years resources that participate in Voltage Support Service must be tested to demonstrate Leading Reactive Power capability. Resources can alternatively provide data collected during actual operation to demonstrate both Lagging and Leading Reactive Power capability.*

Ancillary Services Manual Changes

- ◆ **Current Wording for Ancillary Services Manual 3.6.1**
 - *At least once each calendar year each Resource providing Voltage Support Service must test or demonstrate both Lagging and Leading Reactive Capability.*

- ◆ **Proposed Wording for Ancillary Services Manual 3.6.1**
 - *At least once each calendar year each Resource providing Voltage Support Service must test or demonstrate Lagging Reactive Capability. At least once every three calendar years each Resource providing Voltage Support Service must test or demonstrate Leading Reactive Capability.*

Ancillary Services Manual Changes

- ◆ **New Certification Added to Leading Reactive Power Test Data Recording Form (Figure B -3)**
 - *By signing below, I, as an authorized representative of the Generator listed on this form, certify that the data submitted for the Leading Reactive Power capability test accurately demonstrates the maximum Leading Reactive Power of the generator at the time of the test.*

Milestones

- ◆ MIWG Review on September 20
- ◆ SOAS Review on September 21
- ◆ NYSRC Approval on November 12
- ◆ BIC Vote on December 8
- ◆ OC Vote on December 16
- ◆ Effective for the 2011 Test Period
 - *Generators that tested Leading Reactive Power capability in 2010 for the 2011 compensation year must test Leading Reactive Power capability again in 2013*



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