

**ISO Review
of
Regional Transmission Outage Scheduling
Practices**

*Market Structures WG Meeting
June 15, 2004*

Operations Review

- *ISO Outage Scheduling Initiatives*
- *Regional ISO/RTO Practices*
- *ISO Practice Recommendations*

ISO Outage Scheduling Initiatives

- ◆ ***ISO objective is to improve liquidity of the ISO Energy Markets and Transmission Congestion Contract Market by improving outage scheduling transparency and by providing additional ISO oversight for transmission facility outage rescheduling and cancellation***
 - ◆ ***Improve outage scheduling transparency***
 - ◆ Already enhanced TTC marketplace transparency by requiring a consistent ISO outage scheduling and notification process for the ISO Energy Markets and TCC Market
 - ◆ Review underway of PJM, RTONE, IMO outage scheduling “best” practices
 - ◆ Propose outage scheduling and cancellation rule revisions to OC and BIC by July 04
 - ◆ ***Provide additional ISO oversight***
 - ◆ ISO willing to provide detailed outage information to marketplace as requested
 - ◆ Proposed outage scheduling rule revisions will include greater level of oversight

Regional Practices: PJM

- ◆ ***PJM Notification Requirements***
 - ◆ 1 calendar month notification (i.e. minimum 30 days) if potential to cause congestion
 - ◆ 3 days in advance under short-term approval process

- ◆ ***PJM short-term approval process***
 - ◆ 3 days prior to outage, a review to determine reliability and potential for congestion is conducted based on long term commitment schedules
 - ◆ Review may result in cancellation of outages with less than 30 days notice

- ◆ ***PJM Review of TO Outage Cancellations***
 - ◆ No formal Operations policy

Regional Practices: RTO-NE

- ◆ ***RTO-NE Notification Requirements for “Major Transmission Outages”***
 - ◆ 10 days prior to the first of the month that is two months in advance of the operative TCC month (i.e. minimum 70 days)
 - ◆ RTO-NE may re-schedule outages that meet above notification requirement if there is a reliability criteria violation or if outage exceeds congestion cost threshold (\$200K/week)
 - ◆ 3 days notification under Short-Term approval process

- ◆ ***RTO-NE Short-Term Approval Review***
 - ◆ Operations review to determine reliability criteria violations and potential for congestion is conducted (no congestion threshold)
 - ◆ Review may result in ISO cancellation or re-scheduling of outages with less than 70 days notice

- ◆ ***RTO-NE Short Term Approval Review of TO Outage Cancellation***
 - ◆ TO are required to document reasons for cancellation for RTO review

Regional Practices: NYISO

- ◆ ***NYISO Notification Requirements***

- ◆ A-1 Facilities: 5 days
- ◆ A-2 Facilities: 2 days
- ◆ TCC Market outage requests must be submitted 5 days prior to auction bidding date (normally 10 days prior to operative TCC Month)

- ◆ ***NYISO Approval Review***

- ISO Scheduling has the authority to defer, postpone, or cancel requested outages of A-1 facilities for reliability violations.
- ISO attempts to minimize the impact of all requested transmission outages to system transfer capability; the ISO may recommend to reschedule the outage as agreed to by the TO.

- ◆ ***NYISO Review of TO Outage Cancellation***

- ◆ No formal operating policy

ISO Practice Recommendations

- ◆ *NYISO Notification Requirements*

- ◆ A-1 Facilities:

- ◆ 15 days prior to first of the operative TCC month (i.e. 15-45 days) for outages expected to impact system transfer capability of the ISO Secured System.
- ◆ 5 days prior to the outage schedule for outages not expected to impact system transfer capability of the ISO Secured System (existing notification requirement).

- ◆ A-2 Facilities:

- ◆ 15 days prior to first of the operative TCC month (i.e. 15-45 days) for outages expected to impact system transfer capability of the ISO Secured System.
- ◆ 2 days prior to the outage schedule for outages not expected to impact system transfer capability of the ISO Secured System (existing notification requirement).

- ◆ *NYISO Review of TO Outage Cancellation*

- ◆ TO are required to document reasons for cancellation for RTO review