

Interim GT Derate Procedure

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Draft - For Discussion Only

Background:

- Physical and pricing passes of RTD treat the actual output of 10-minute and 30-minute GTs inconsistently.
- This inconsistent treatment can lead to the lack of scarcity pricing when there are physical shortages in 10-minute operating reserves.
- A software enhancement is scheduled for deployment on or before May 31, 2006 to address this issue.

Background, cont'd.

- **Unlike NYCA wide 10-minute reserve shortages, Eastern NY 10-minute physical reserve shortage can occur for a number of conditions:**
 - High NYCA wide system loads
 - Eastern NY transmission outages
 - Thunderstorm Alerts
 - Other unusual or unexpected conditions
- **Until software deployment, NYISO will manage ambient temperature derates associated with 10-minute and 30-minute GTs using this Interim Procedure.**
 - Extra personnel may be called in to facilitate the derates if many 10-minute and 30-minute GTs are in operation.

Interim Procedure

- **The ISO will monitor alarms for indications that physical shortages of NYCA and Eastern NY 10-minute reserve are forecast or are being observed in real-time operation.**
- **If physical shortage conditions exist, the ISO will derate all on-line 10-minute and 30-minute GTs to their actual metered output values.**
 - **The ISO will identify such derates as OOM derates for Generator request.**

Interim Procedure, cont'd.

- As it does under normal operation, the ISO will derate all 10-minute and 30-minute GTs at generator owner request and identify such derates as OOM derate for Generator request without regard to observed or forecast shortages.
- This Interim Procedure will be effective May 4, 2006 and will remain in place until the new software is in place.