



DARU Notification Change

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Day-Ahead Reliability Unit (DARU) - Background

- ◆ **Units that NYISO commits solely for reliability reasons at the request of a transmission owner or for statewide reliability needs.**
- ◆ **All DARU requests must be submitted to NYISO by 01:00 AM prior to the Day-Ahead Market (DAM) close.**
- ◆ **At the DAM close, all DARU requests are posted to the OASIS.**

DARU Notification

Currently, the following notification methods are used:

- ◆ **When the DAM closes, email notifications are sent to a DARU generator's MIS contact.**
- ◆ **The units located in New York City (Zone J) receive additional notifications:**
 - *Non-binding, advisory postings are made at the time of DARU entry, modification or deletion.*
 - *A supplemental process sends non-binding, advisory email for every creation, modification or deletion.*

DARU Notification Contd.

- ◆ **Advanced DARU notification creates potential for exercise of market power.**
- ◆ **During the DARU implementation, NYC had tight mitigation thresholds in place to address this concern.**
- ◆ **Since then, similar mitigation thresholds were created for the rest of the state.**

DARU Notification – Proposed Changes

- ◆ **NYISO will extend the notification methods used for NYC (Zone J) to the rest of the state.**
- ◆ **The same three notification methods will be used for all DARU units irrespective of their locations.**
- ◆ **DA scheduling manual revisions are proposed to reflect this change (section 4.2.6; page – 42).**

DA Scheduling Manual

Changes

4.2.6. Day Ahead Reliability Unit (DARU) Commitment

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Transmission Owner Requests for DARUs

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All requests by TOs to commit generators via the DARU process, as well as NYISO-initiated DARUs, will be posted to the OASIS at the time of Day-Ahead Market close. ~~For units located in Zone J (New York City), non-binding, advisory postings will be made at the time of DARU entry, modification, or deletion, in addition to the posting at Day-Ahead Market close.~~ In addition to the posting at Day-Ahead Market close, non-binding, advisory postings will be made at the time of DARU entry, modification, or deletion.

An e-mail notification will also be sent to a DARU generator's contact, as entered in the Market Information System, when the Day-Ahead Market closes, indicating that the unit has been requested for Day-Ahead reliability. ~~For units located in Zone J (New York City), a supplemental process will be used whereby a non-binding, advisory e-mail will be sent for every creation, modification, or deletion of a DARU entry by NYISO Operators.~~ A supplemental process will be used whereby a non-binding, advisory e-mail will be sent for every creation, modification, or deletion of a DARU entry by NYISO Operators. The Generator's contact may reach out to the requesting TO when there are constraints preventing the unit from being able to meet the commitment requested. If there are issues with TO communication, the Generator's contact may also reach out to inform the NYISO Grid Operations Department regarding the constraints.

Tariff Section – Reliability Units

Services Tariff Section : 23.3.1.2.3.2:
Mitigation is applied at strict thresholds if one of the following conditions are met :

- i) the Market Party (including its Affiliates) that owns or offers the Generator is the only Market Party that could effectively solve the reliability need for which the Generator was committed or dispatched, or*
- ii) Related to SRE evaluation ... or*
- iii) when evaluating a DARU, if the Market Party was notified of the need for the reliability commitment of its Generator prior to the close of the Day-Ahead Market.*

DARU and Pivotal

- ◆ **DARU events almost always coincide with the unit being pivotal.**
 - ◆ **Therefore, DARU generators are currently subjected to the strict mitigation measures.**
- ◆ **In the rare case a DARU generator is non-pivotal, it will be subject to the stricter mitigation measures under this proposal.**
- ◆ **Since 2015, all DARU generator hours were pivotal.**

Timeline

- ◆ **Testing and development for the change is complete.**
- ◆ **The expected deployment date is Q2, exact date is to be determined.**
- ◆ **Next steps: DA Scheduling Manual revisions will be discussed at SOAS and presented to BIC and OC for approval.**

The mission of the New York Independent System Operator, in collaboration with its stakeholders, is to serve the public interest and provide benefit to consumers by:

- *Maintaining and enhancing regional reliability*
- *Operating open, fair and competitive wholesale electricity markets*
- *Planning the power system for the future*
- *Providing factual information to policy makers, stakeholders and investors in the power system*

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