

# **Inverter-Based Technology Providing Ancillary Services – Tariff Revisions**

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October 25, 2017. Krey Corporate Center, Rensselaer, NY.



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# Overview

- **Background**
- **Tariff Revisions**
- **Next Steps**

# Background

# Background

- The NYISO requested clarification from the NPCC as to whether inverter technology-based energy storage resources can provide synchronized reserve.
- The NPCC answered that “[...] a storage resource with inverter technology complies with the original intent of the synchronized reserve requirement and therefore shall qualify towards a BA’s complement of synchronized reserves.”
- On January 17, 2017 the NYISO presented to MIWG proposed changes to the Ancillary Services Manual to reflect the clarification received from the NPCC.

# Background (Cont.)

- Similarly, the NYISO is proposing Tariff revisions to fully capture the NPCC clarification received.
- Stakeholders provided feedback on the wording of the proposed changes.
- The NYISO has captured the feedback in the updated proposal that is being presented today.

# Updates/Revisions

# Tariff Revisions

- **Operating Reserves** – Updated definition in OATT Sec. 1.15 and MST Sec. 2.15 to allow Generators and Demand Side Resources that utilize inverter-based energy storage technology, and that are otherwise eligible, to provide Spinning Reserves.
- **MST Section 2.19** – Updated definition of Special Case Resource to remove extraneous language regarding SCR provision of Operating Reserves and Regulation.
- **MST Section 15.4.1.2.1 - Spinning Reserve** (Section 15.4 Rate Schedule 4 – Payments for Supplying Operating Reserves): Updated to explicitly permit Suppliers utilizing inverter-based energy storage technology to provide Spinning Reserve.
- **OATT Section 1.12** – Included definition of “Local Generator” referencing the MST definition in MST Section 2.12.

# Next Steps

- November 2017
  - NYISO Board of Directors and FERC Filing.



# Feedback

- The NYISO seeks feedback on the materials presented today
- Email additional feedback to: Daniel F. Noriega  
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# Questions?

We are here to help. Let us know if we can add anything.

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- Operating open, fair and competitive wholesale electricity markets
- Planning the power system for the future
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