

Securing 100+kV Transmission Facilities in the Market Model

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Agenda

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- Background
- 100+ kV Timeline Update
- Facilities List Update
- Next Steps

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Background

Background

- Stakeholders requested at the June 13, 2018 MIWG meeting that the NYISO update the 100+kV timeline and facilities list that were previously posted to the February 21, 2018 MIWG meeting.
 - The purpose of this presentation is to discuss these updates.

100+kV Timeline Update

100+kV Timeline Update

- The NYISO is providing further information regarding the Niagara Generation Modeling Update at today's MIWG meeting.
- The NYISO proposes to present a Market Design Complete presentation to the BIC in September.
- The NYISO is currently targeting to begin securing four facilities identified for November 2018 in the energy market models by November 30, 2018.

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100+ kV Timeline Update

■ Constraint Reliability Margin

- As the NYISO continues to consider inclusion of certain 115 kV facilities with lower thermal ratings (relative to 230 kV and higher facilities) into its dispatch, a 20 MW CRM can often represent a significant percentage of the facility limits.
- Separately, the NYISO is working with market participants on a proposed tariff update that would permit the use of a non-zero constraint reliability margin (CRM) that is less than 20 MW, which was discussed at the June 13, 2018 and July 18, 2018 MIWG meetings.
- The ability to apply a CRM value less than 20 MW will facilitate the continued pricing of smaller 115 kV facility constraints.

100+kV Timeline Update

- The Mitigation Rule Enhancements section of the timeline update has been expanded to summarize the content of the NYISO's June 13, 2018 presentation on the Market Power Assessment of the 115kV Implementation*
 - Reliability Committed Resources,
 - Traditional Load Pockets, and
 - Uneconomic Over-production
- The NYISO's Market Power Assessment of 115 kV facilities indicated that it is not necessary to pursue mitigation rules tied to the 100+kV project at this time.

Link to the June 13, 2018 Market Power Assessment of 115kV Implementation presentation:
http://www.nyiso.com/public/webdocs/markets_operations/committees/bic_miwg/meeting_materials/2018-06-13/115_market_power_vFINAL.pdf

100+kV Facilities List Update

Facilities List Update

- A new column, “Mitigation Rules,” has been added to the list of facilities posted with today’s meeting materials.
- Current mitigation rules are expected to be adequate to model most facilities.
- Mitigation rule enhancements for reliability committed resources and traditional load pockets would be needed to model the 141/142 Dunkirk/ Gardenville facilities.
 - Because these facilities are secured through line sectionalization, they are not proposed to be modeled at this time.

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Next Steps

Next Steps

- **By August 7, 2018**
 - Provide an update confirming the facilities that will be secured starting November 2018 in the Autumn TCC market auction and the NYISO energy market.
- **September 12, 2018**
 - Securing 100+kV Transmission Facilities in the Market Model: Market Design Complete BIC presentation.
- **By November 30, 2018**
 - Targeting to begin securing four facilities identified for November 2018 in the energy market models.
- **By December 31, 2018**
 - Targeting to begin securing eighteen facilities identified for December 2018 in the energy market models.
 - **Niagara modeling enhancements under development may delay securing these facilities in the market models by the targeted deadline.**

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- 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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