



Updates on Western NY PPTN Phase 2 Study Assumptions

Dawei Fan

*Supervisor, Public Policy and Interregional Planning
NYISO*

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KCC**

Overview

- ◆ **NYISO presented “Western NY PPTN Phase 2 Study Assumptions” at the December 7, 2016 ESPWG/TPAS meeting**
- ◆ **Updates on two issues today**
 - *Non-BPTF upgrades*
 - *Power Flow cases for transfer analysis*
- ◆ **FAQ to address all written questions**

Non-BPTF Upgrades

- ◆ **10/13/2016 PSC Order: The commission expects National Grid to undertake the upgrades necessary on the non-bulk system, such as those identified by the NYISO.**
- ◆ **Non-BPTF upgrades recommended in WNY PPTN Viability and Sufficiency Assessment (VSA)**
 - *Gardenville-Depew 115kV #54 line*
 - *Niagara-Packard 115kV #193 and #194 lines.*

Non-BPTF Solutions

- ◆ **In evaluating projects, assume non-BPTF issues resolved per PSC Order**
- ◆ **#54 line**
 - *Include specific National Grid LTP in the pre-project cases to address the issue*
 - *Back out the proposed components intended to address the overloads, if any*
- ◆ **#193 and #194 lines**
 - *National Grid is expected to identify the upgrades prior to the selection*

Non-BPTF Solutions

- ◆ **#193 and #194 lines (cont.)**
 - *NYISO evaluation backs out the proposed components intended to address the overloads, if any, and model generic solutions by assuming adequate ratings*
 - *NYISO will include the upgrades as part of the Public Policy Transmission Project*
 - *Per PSC Order, cost of these upgrades not a distinguishing factor for selection*

Power Flow

- ◆ **VSA: 2014 CRP baseline with updates**
- ◆ **Transfer analysis in Phase 2**
 - ***Baseline:***
 - **Start with the VSA power flow case**
 - **Updates: Stolle - Gardenville 230kV line #66 terminal upgrades, and LTP for line #54**
 - ***Scenarios:***
 - **Other recent updates could be captured**
 - **Can be considered when selecting a project**

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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