

Explanation of the Selection of the Sithe Batavia Generator  
as Part of a Short-Term Reliability Process Solution<sup>1</sup>  
April 26, 2022 ESPWG/TPAS

Generator Deactivation Reliability Needs are observed by National Grid on its non-Bulk Power Transmission Facilities (“BPTF”) beginning in summer 2022 that are resolved by the retention of the Sithe Batavia generating unit until January 15, 2023. National Grid updated its Local Transmission Plan (“LTP”) as presented at a March 24, 2022 stakeholder meeting<sup>2</sup> to address the issues observed by National Grid in the region around Golah. The updated LTP includes; (i) the reconductoring/reconfiguration four spans of the Lockport – Mortimer 115 kV (#103 and #104), which National Grid plans to be in-service by August 2022, and (ii) the installation of an additional breaker at the Lockport 115 kV substation by January 2023, with a corresponding operating procedure that National Grid will employ to address thermal and voltage concerns on its non-BPTF. Prior to the in-service date of the proposed LTPs, National Grid observes thermal overloads exceeding the short-term emergency (“STE”) rating of certain facilities, as well as low voltages at the Batavia, East Batavia, North LeRoy, Mumford, Golah, East Golah, and North Lakeville 115 kV stations. National Grid observes that during the construction phase of the LTP facilities the voltage issues are exacerbated. These voltage issues exceed the criteria defined by the New York State Reliability Council (“NYSRC”) Application of Reliability Rule 72, which requires the voltages in the Golah area be maintained a minimum voltage of at least 109 kV on the 115 kV buses.<sup>3</sup>

For the foregoing reasons, the NYISO hereby determines pursuant to Open Access Transmission Tariff (“OATT”) Section 38.13.1 that the Batavia generating unit needs to be temporarily retained in-service as an Interim Service Provider for the duration of the 365-notice period. The retention of the Sithe Batavia generating unit in service for the duration of the 365-notice period constitutes a Short Term Reliability Process Solution. The Sithe Batavia generator is not needed as a Short-Term Reliability Process Solution beyond the 365-day generator deactivation notice period based upon National Grid’s planned local upgrades in conjunction with its operating procedures.

---

<sup>1</sup> OATT 38.10.5 states “the ISO shall post on its website a written determination indicating its selection of a solution or combination of solutions, along with a reasoned explanation regarding why particular generation and/or transmission solutions were selected. The ISO will review the results of its determination with stakeholders.”

<sup>2</sup> <https://www.nyiso.com/documents/20142/29418084/03%202022%20Q1STAR%20LTP%20Update%20Nat%20Grid.pdf/>

<sup>3</sup> [Applications of NYSRC Reliability Rules](#) (login required)