

## **2021 Local Transmission Plan (LTP) Study Assumptions**

- The 2021 Local Transmission Plan (LTP) will be based on the NYISO 2021 FERC 715 Filing / 2021 Load and Capacity Data (“Gold Book”) database.
- The 2021 Local Transmission Plan (LTP) will be performed using the Siemens PTI PSS®E program and PowerGEM TARA Software.

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For all Study Years, tie Feeders B3402 and C3403 continue to be on long term outage. The flow assigned to tie feeder A2253 is based on the NYISO/PJM “Joint Operating Agreement”.

2021 (Base Line) Con Edison Load (Coincident Peak) = 12,278 MW

- Under peak load conditions the 138 kV transmission feeder 32077 is operated radially from Farragut in order to supply Water Street Area Station load through Transformer #4.

2022 (Intermittent Year) Con Edison Load (Coincident Peak) = 12,376 MW

- Vinegar Hill Distribution Switching Substation will be installed to support Water Street and Plymouth Street Area Stations.

2023 (Intermittent Year) Con Edison Load (Coincident Peak) = 12,306 MW

- New transmission paths: 2<sup>nd</sup> 345/138 kV PAR controlled Rainey - Corona feeder

2025 (Intermittent Year) Con Edison Load (Coincident Peak) = 12,143 MW

- New transmission paths: 3<sup>rd</sup> 345/138 kV PAR controlled Gowanus - Greenwood feeder.
- New transmission paths: 345/138 kV PAR controlled Goethals – Fox Hills feeder (Fox Hills rebuilt as a Ring Bus).

2026 (5th Year) Con Edison Load (Coincident Peak) = 12,154 MW

2031 (10th Year) Con Edison Load (Coincident Peak) = 12,806 MW

Note: Assumptions are based on latest information available as of July 1st, 2021.