

2025 Local Transmission Plan (LTP) Study

Assumptions

- The 2025 Local Transmission Plan (LTP) will be based on the NYISO 2025 FERC 715 Filing / 2025 Load and Capacity Data (“Gold Book”) database.
- The database will be adjusted for the inclusion of the following system expansion projects:
 - Year 2034: Establish Sunset Park 345 kV Substation as a double-ring bus configuration intercepting 345 kV feeders 25 & 26 that run between 345 kV Goethals and Gowanus substations
 - Year 2034: Establish Industry City 27 kV Distribution Area Station with three 93.3 MVA 138/27 kV transformers and 30 MVAR capacitors to be supplied from 345 kV Sunset Park Substation
 - Year 2034: Transfer (about 120 MW) from Greenwood 27 kV Distribution Area Station to Industry City 27 kV Distribution Area Station
- The database will incorporate Con Edison's load forecast, specifically tailoring it to each of Con Edison’s 17 Transmission Load Areas (TLAs). This will allow Con Edison to establish independent peak conditions for each TLA. Currently, all loads in the database coincide with the NYCA peak (i.e., NYISO Coincident Peak Demand; ~5 PM). Con Edison’s action will modify these to represent its forecast and the actual maximum peak demand within each smaller area of the system; for peak occurs at a different time (e.g., 11 PM).
- The 2025 Local Transmission Plan (LTP) will be performed using the Siemens PTI PSS®E and PowerGEM TARA software package.

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”.

Note: Assumptions are based on latest information available as of July 1st, 2025.