

**LTP Discussion**  
**New York Independent System Operator**

*October 2017*

New York Transco™

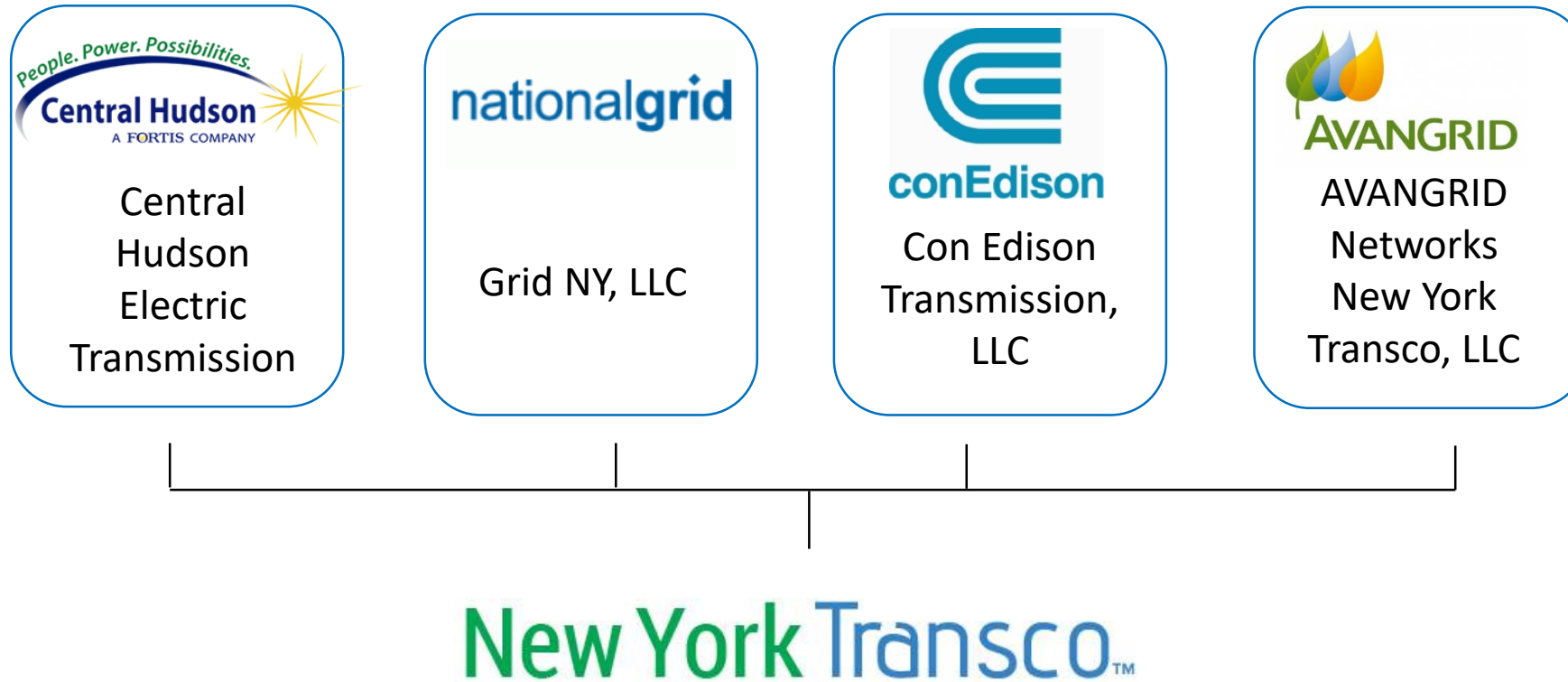
## Background

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- NY Transco was established to build new bulk power transmission facilities in New York in response to New York Energy Highway and Public Policy Initiatives
- Projects are designed to improve the long term viability of transmission infrastructure, while
  - Reducing congestion
  - Enabling renewables
  - Improving reliability
  - Maintaining and creating jobs
  - Stabilizing local tax revenues

# Ownership

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## Facilities

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- New York Transco's BES consists of approximately 33 miles of 345 kV transmission and a 345 kV series capacitor:
  - The Rock Tavern – Sugarloaf 345 kV transmission line (“Feeder 76”)
  - The Fraser (Structure 17) – Coopers Corners (Structure 177) 345 kV transmission line (“Line 33”)\*
  - The Fraser – Coopers Corners 345 kV series capacitor (“Series Capacitor #3”)

*\*All terminal equipment and the remaining portion of Line 33 and are owned by NYSEG.*

## LTP Planning Criteria and Assumptions

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- Planning horizon is 10 years as required by NERC standards.
- The base cases for power flow and transient stability are from the NYISO FERC 715 database. The tool used for the analysis is PSS/E Rev. 33.
  - Power flow simulations are monitored for thermal and voltage violations under system normal and applicable contingencies.
- The base cases for short circuit studies are from the NYISO FERC 715 database. The tool used for the analysis is ASPEN OneLiner.

**Note:** For the 2017 LTP, New York Transco does not own the terminal equipment associated with its facilities. Therefore, stability and short circuit planning events involving New York Transco facilities are provided by the terminal equipment owners to the NYISO and included in their assessment.

## LTP Projects and Conclusions

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- New York Transco does not own non-BPTF facilities
- The NYISO annual Planning Assessment, in which New York Transco participates, has not identified any needs that New York Transco would propose to address or mitigate by adding non-BPTF facilities
- New York Transco does not propose any LTP projects throughout the 10-year study horizon

## LTP Communication

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- Interested parties may forward comments to:

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