

# AC Transmission Segment B PPTN Project Update

NYISO ESPWG Meeting

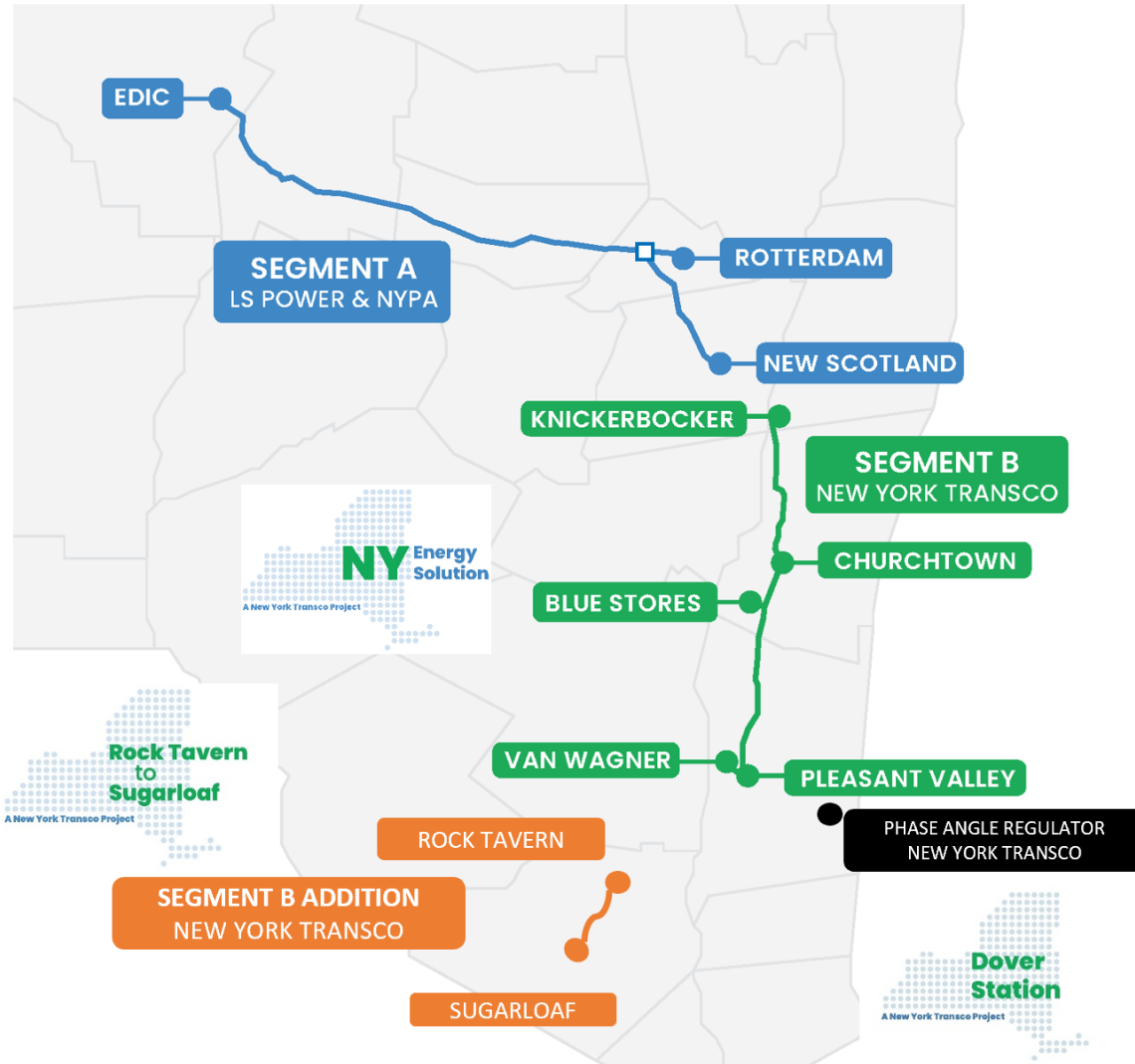
July 23, 2021

# Agenda

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- Project Overview
- Project Updates
- Permitting Milestones
- Construction Schedule

# Project Overview



- Public policy, competitive selection
- Relieve congestion & facilitate renewables
- Priority projects in New York
- In-service December 2023

## Segment A

- Utica to outside of Albany

## Segment B (New York Energy Solution)

- Schodack to Pleasant Valley

## Segment B Addition (Rock Tavern to Sugarloaf)

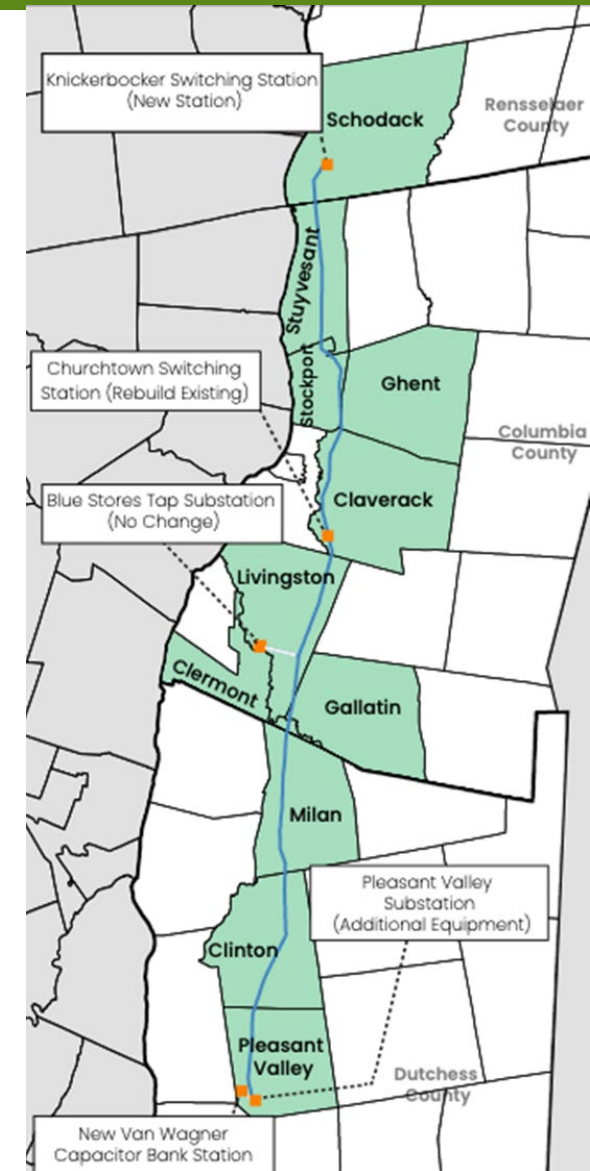
- New Windsor to Chester

## Phase Angle Regulator (Dover Station)

- Dover

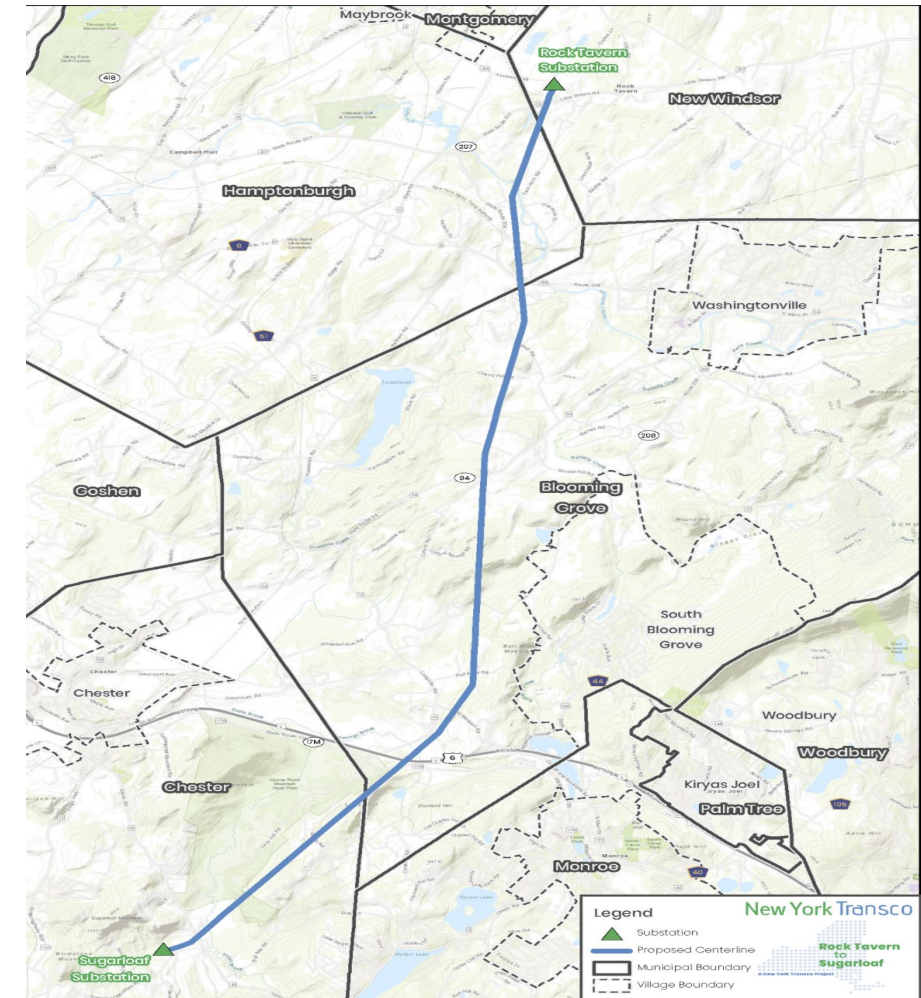
# New York Energy Solution

- Electric transmission upgrade – double circuit 345/ 115 kV
  - Retire and replace aging electric infrastructure
  - Enhance reliability
- Reuses existing utility rights-of-way & property
- Approx. 55 miles transmission line and station work through 11 towns, Schodack to Pleasant Valley
- Removes 80-year old assets; 230 less structures



# Rock Tavern to Sugarloaf

- Approx. 12 - mile single circuit 115kV line
- Rebuild of existing line within existing utility corridor
- Rebuild of existing switching station at Sugarloaf
- 115-138kV autotransformer and 0.3-mile 138kV transmission line to interconnect to O&R Sugarloaf substation



# Project Updates

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- Van Wagner Capacitor Bank Station replaces Pleasant Valley Bay 6 Buildout and new 345kV lines to capacitor bank station
- Knickerbocker Series Compensation single-step to two-step configuration
- Rock Tavern to Sugarloaf replaces the originally proposed Shoemaker to Sugarloaf project
- Revised Ratings on Marcy South path – Coopers Corners to NYPA East Transition Station

# Permitting Milestones

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- NYES Key Milestones
  - Article VII Deemed Complete – February 11, 2020
  - EM&CP Phase 1 Submitted – October 23, 2020
  - Article VII and EM&CP Phase 1 Approval – February 11, 2021
  - EM&CP Phase 2 Submitted – February 19, 2021
  - EM&CP Phase 2 Section 1 Approval – April 16, 2021
  - EM&CP Phase 2 Section 2 Submitted – June 11, 2021
  
- Rock Tavern to Sugarloaf Key Milestones
  - Article VII Deemed Complete – February 25, 2021
  - Executed Joint Proposal Submitted – June 23, 2021

# Construction Schedule

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- Estimated Construction Completion December 2023
  - New York Energy Solution
  - Rock Tavern to Sugarloaf
  - Dover Station
  
- New York Energy Solution Construction Underway
  - Churchtown Shoofly placed in service May 2021
  - Knickerbocker to Valkin Foundation and Structure work ongoing