New York Transco

Building a Clean Energy Future Together

AC Transmission Segment B New York Energy Solution PPTN Project Update

NYISO ESPWG Meeting July 26, 2022

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Agenda

- Project Overview
- Project Schedule/ Status



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Project Overview



- Public Policy, Competitive Solicitation Projects
- Relieve Congestion & Facilitate Renewables
- In-Service December 2023

Segment A

• Utica to outside of Albany

Segment B (New York Energy Solution)

• <u>Schodack</u> to Pleasant Valley

Segment B Addition (Rock Tavern to Sugarloaf)

• New Windsor to Chester

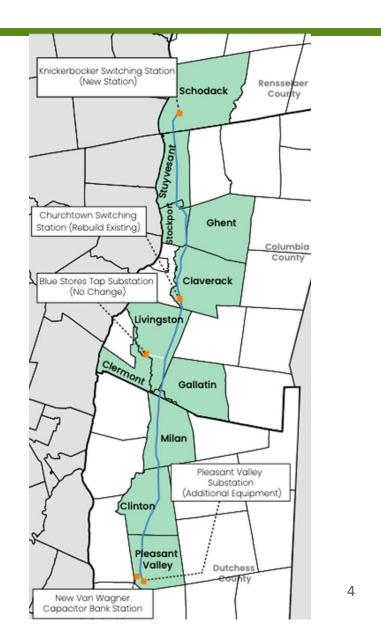
Phase Angle Regulator (Dover Station)

• Dover Plains



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

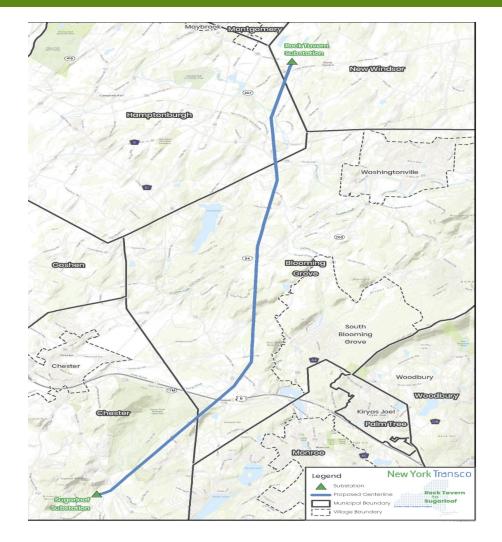


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Rock Tavern to Sugarloaf (Segment B Additions)

- 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 0.3mile 138kV transmission line to interconnect to O&R Sugarloaf substation





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Dover PAR Station

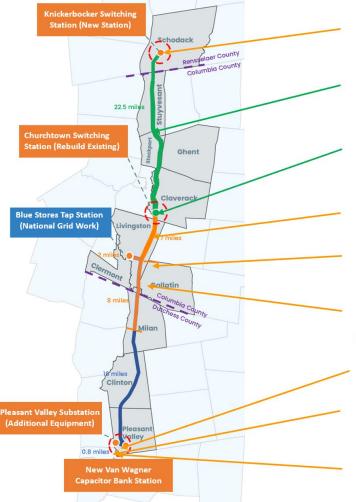
- New Phase Angle Regulator Station to be installed on the existing 398 line
- Addresses transfer limit degradation on the NY/NE interface



NYES Project Construction Update

Building a Clean Energy Future Together

• Anticipated Construction Completion - December 2023



Knickerbocker S/S foundations in progress

Knickerbocker to Churchtown Construction Complete and Energized (22.5 miles)

Churchtown S/S Energized

Churchtown to Blue Stores Tap in progress (6.8 miles)

Blue Stores Tap (2.2 miles) Direct Embed **Structures**

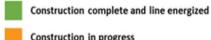
Blue Stores Tap to Milan (8 miles) Clearing, Access and Foundations in progress

Pleasant Valley below grade construction in progress

Van Wagner below grade construction in progress

Pleasant Valley to Van Wagner towers complete, Lines 91 and 92 raised

Segments	Total # of Structures	Structures Erected
Knickerbocker - Valkin	38	36
Valkin - Falls Park	60	60
Falls Park - Hudson	37	37
Hudson - ADM Milling	16	16
ADM Milling - Churchtown	35	35
Churchtown - Blue Stores Tap	51	17
Blue Stores Tap - Blue Stores	23	0
Blue Stores Tap - Milan	62	0
Milan - Pleasant Valley	127	0
Pleasant Valley - Van Wagner	4	4
New Scotland - Knickerbocker - Alps	3	0
Total T-Line Progress	456	205



Construction in progress

Construction scheduled to begin in 2022



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Construction Schedule

- Rock Tavern to Sugarloaf
 - Construction contractor mobilized on site June 2022
 - ROW access and demolition of existing line initiated July 2022
 - Anticipated Construction Completion December 2023
- Dover PAR
 - Local Permit Application Submitted October 1, 2021
 - ISONE station design change request approved at TPAS June 2, 2022
 - Anticipated Construction Start Q4 2022
 - Anticipated Construction Completion December 2023