

AC Transmission Segment B
New York Energy Solution
PPTN Project Update

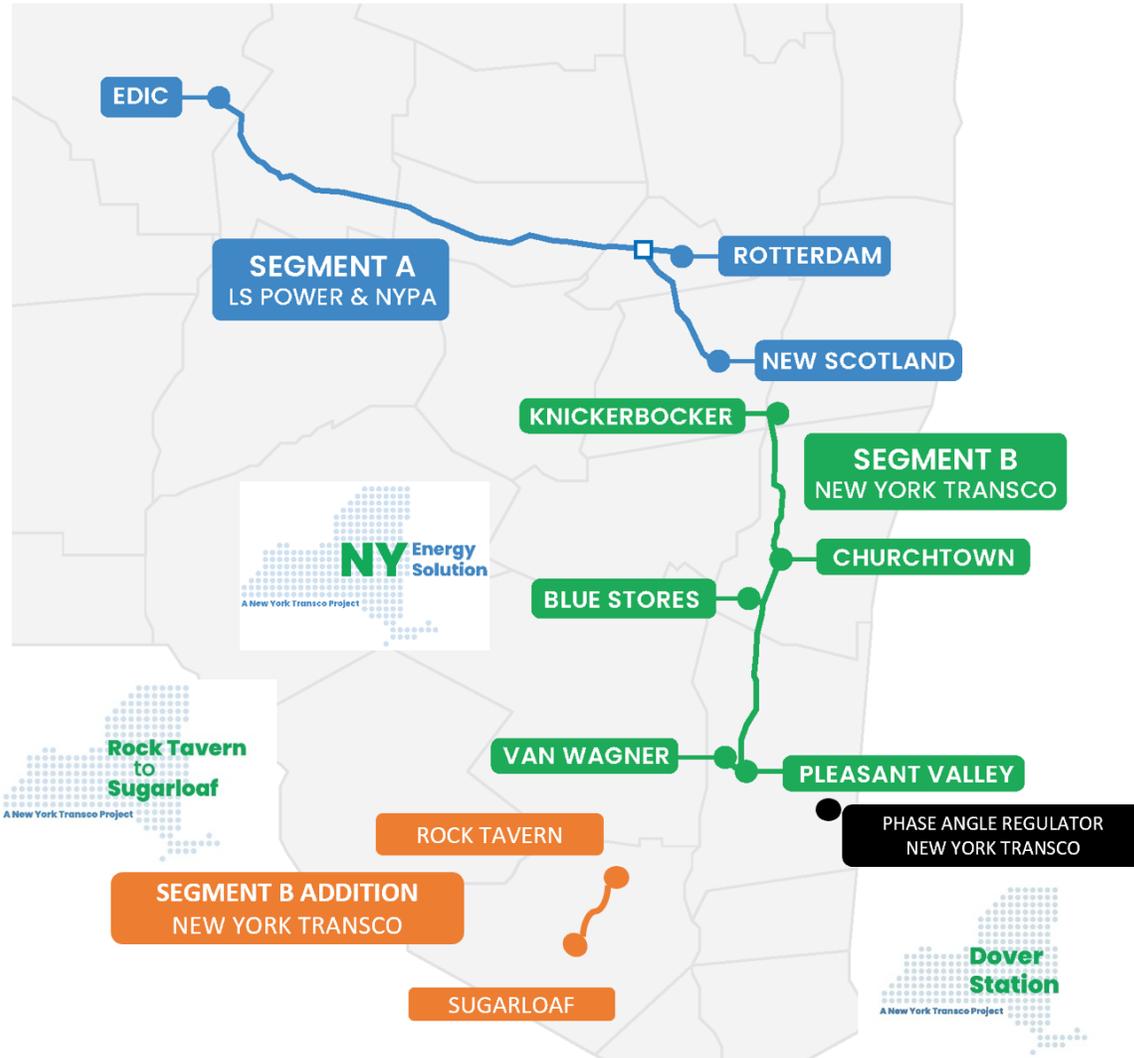
NYISO ESPWG Meeting

July 26, 2022

Agenda

- Project Overview
- Project Schedule/ Status

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)

- Schodack to Pleasant Valley

Segment B Addition (Rock Tavern to Sugarloaf)

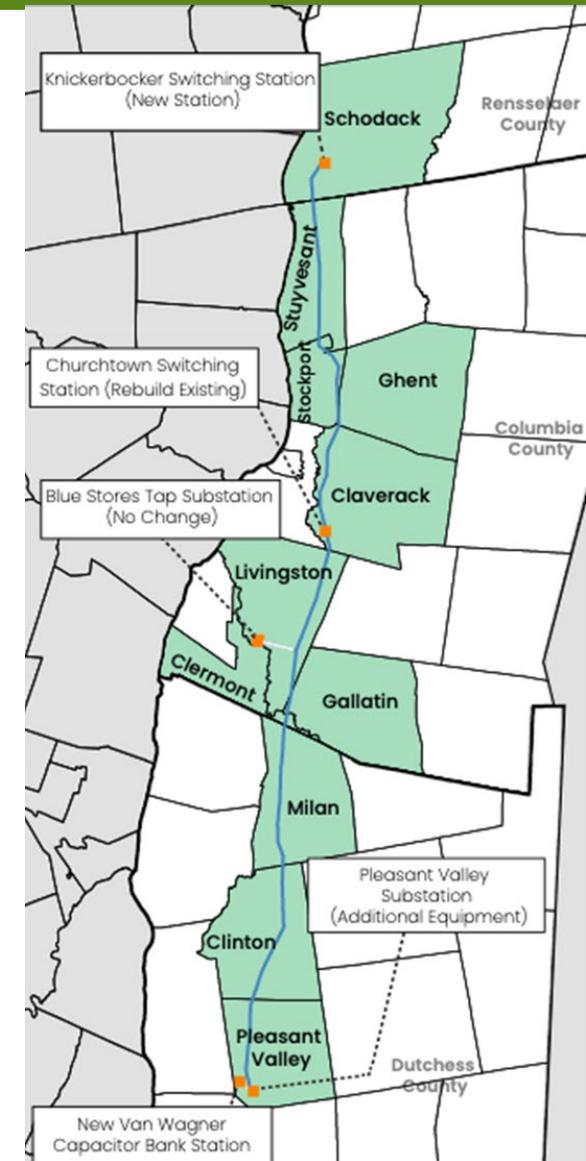
- New Windsor to Chester

Phase Angle Regulator (Dover Station)

- Dover Plains

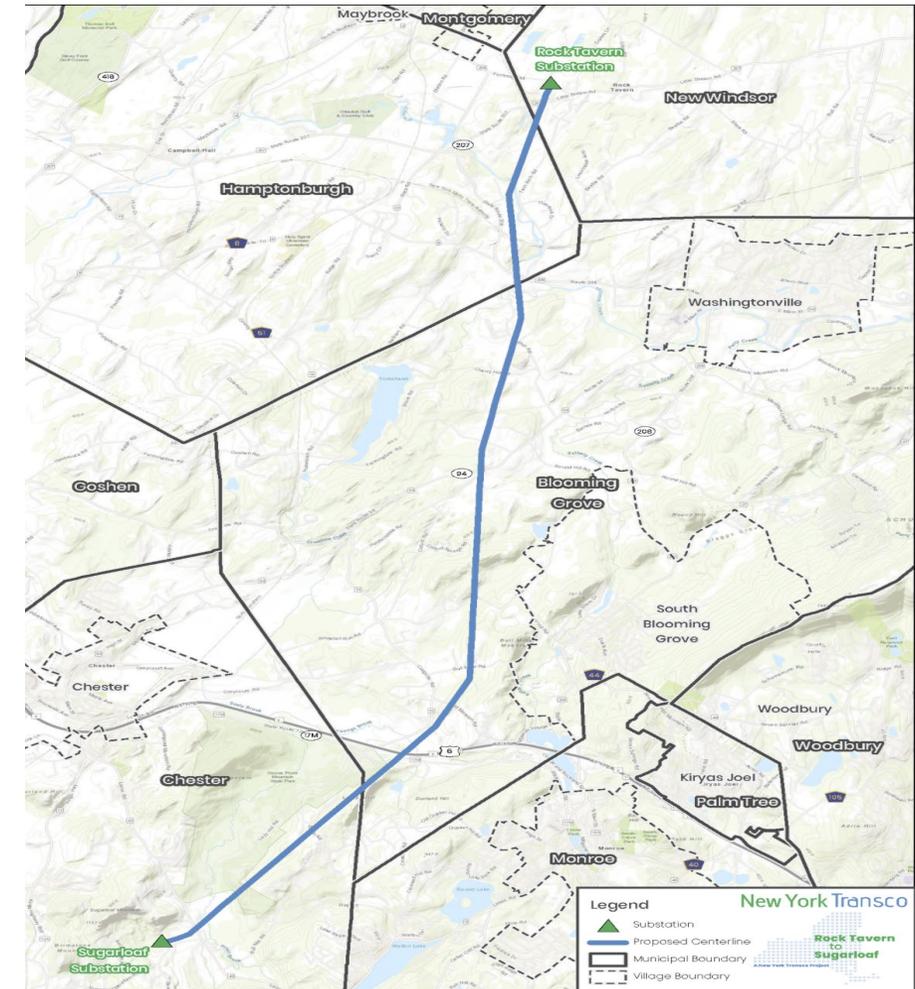
New York Energy Solution

- 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



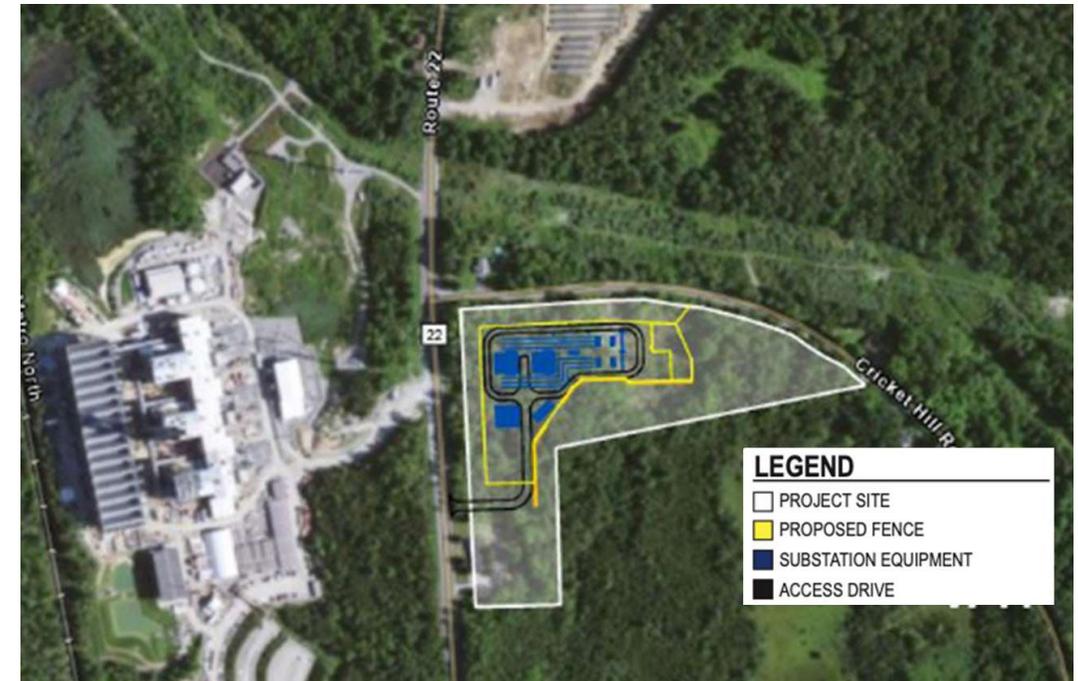
Rock Tavern to Sugarloaf (Segment B Additions)

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



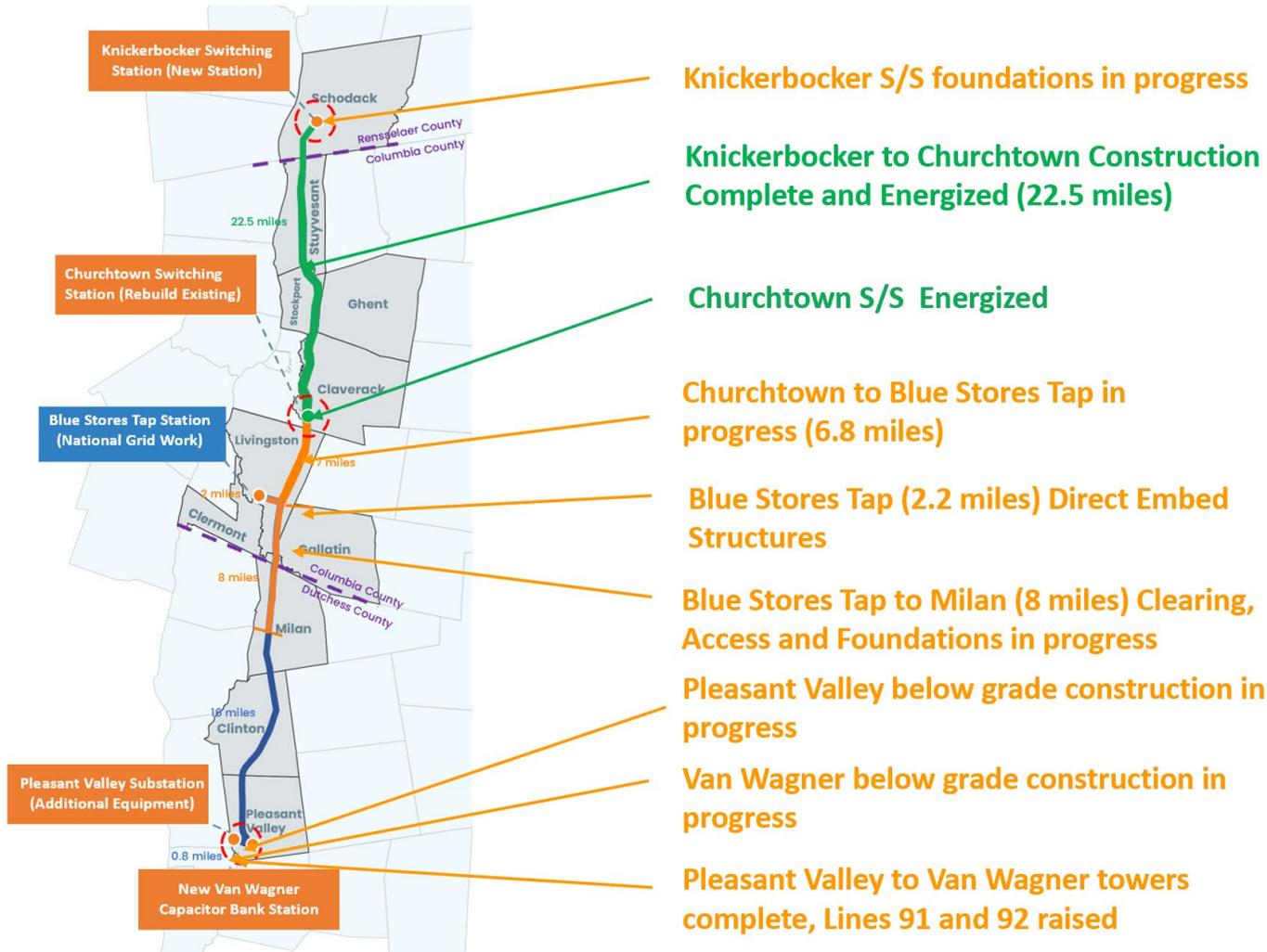
Dover PAR Station

- 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

• Anticipated Construction Completion - December 2023



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 complete and line energized
- Construction in progress
- Construction scheduled to begin in 2022

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