

AC Transmission Segment B New York Energy Solution PPTN Project Update

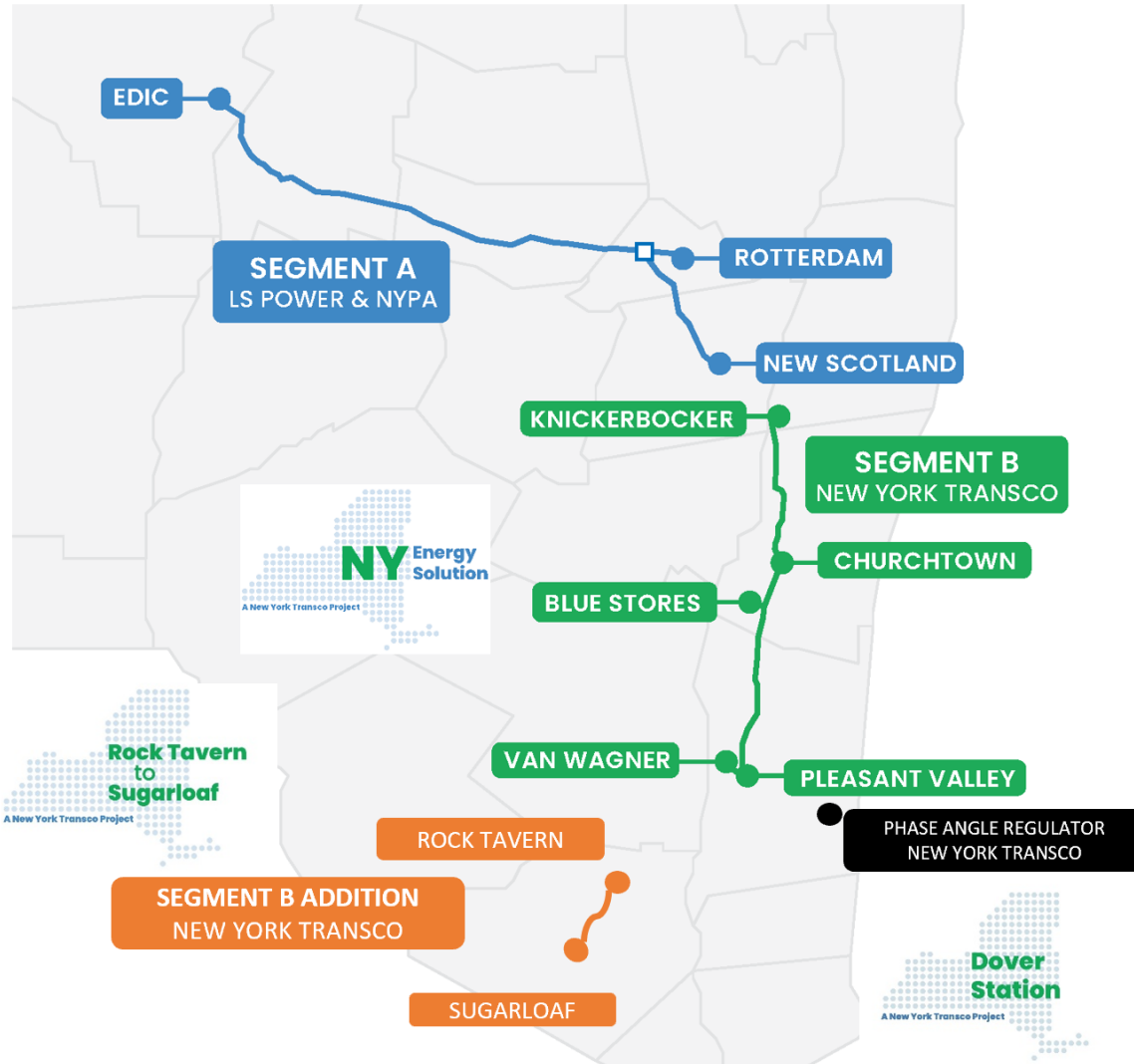
NYISO ESPWG/TPAS Meeting

March 2, 2023

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)

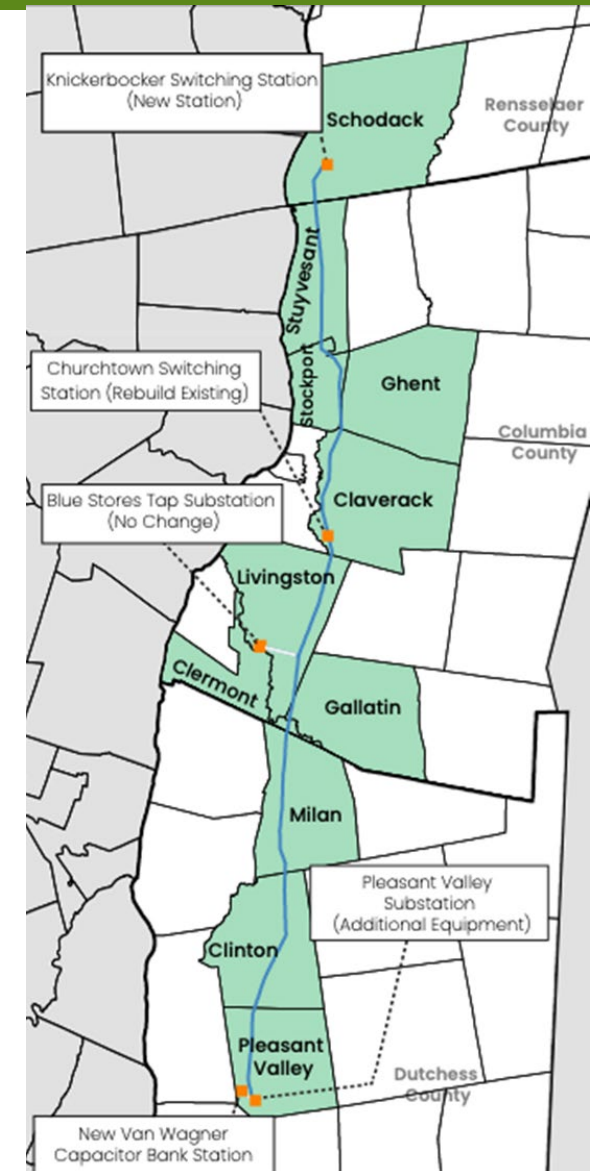
- New Windsor to Chester

Phase Angle Regulator (Dover Station)

- Dover Plains

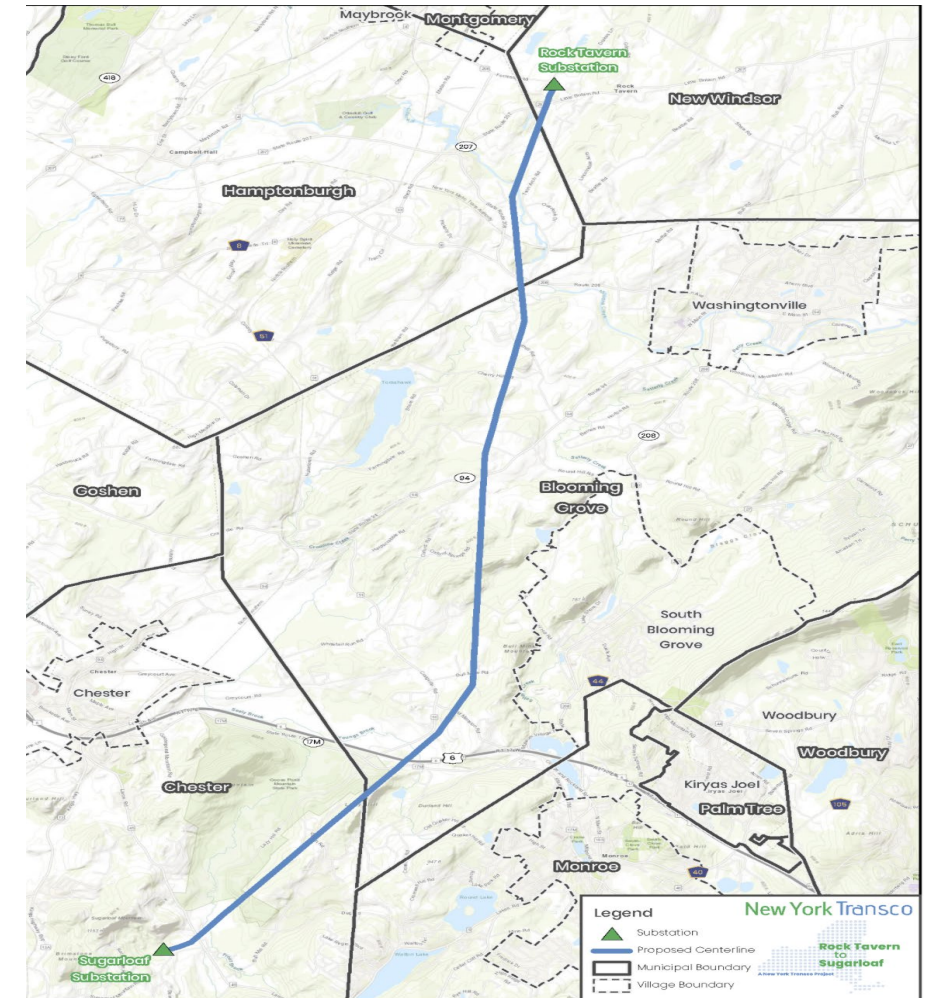
New York Energy Solution

- 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



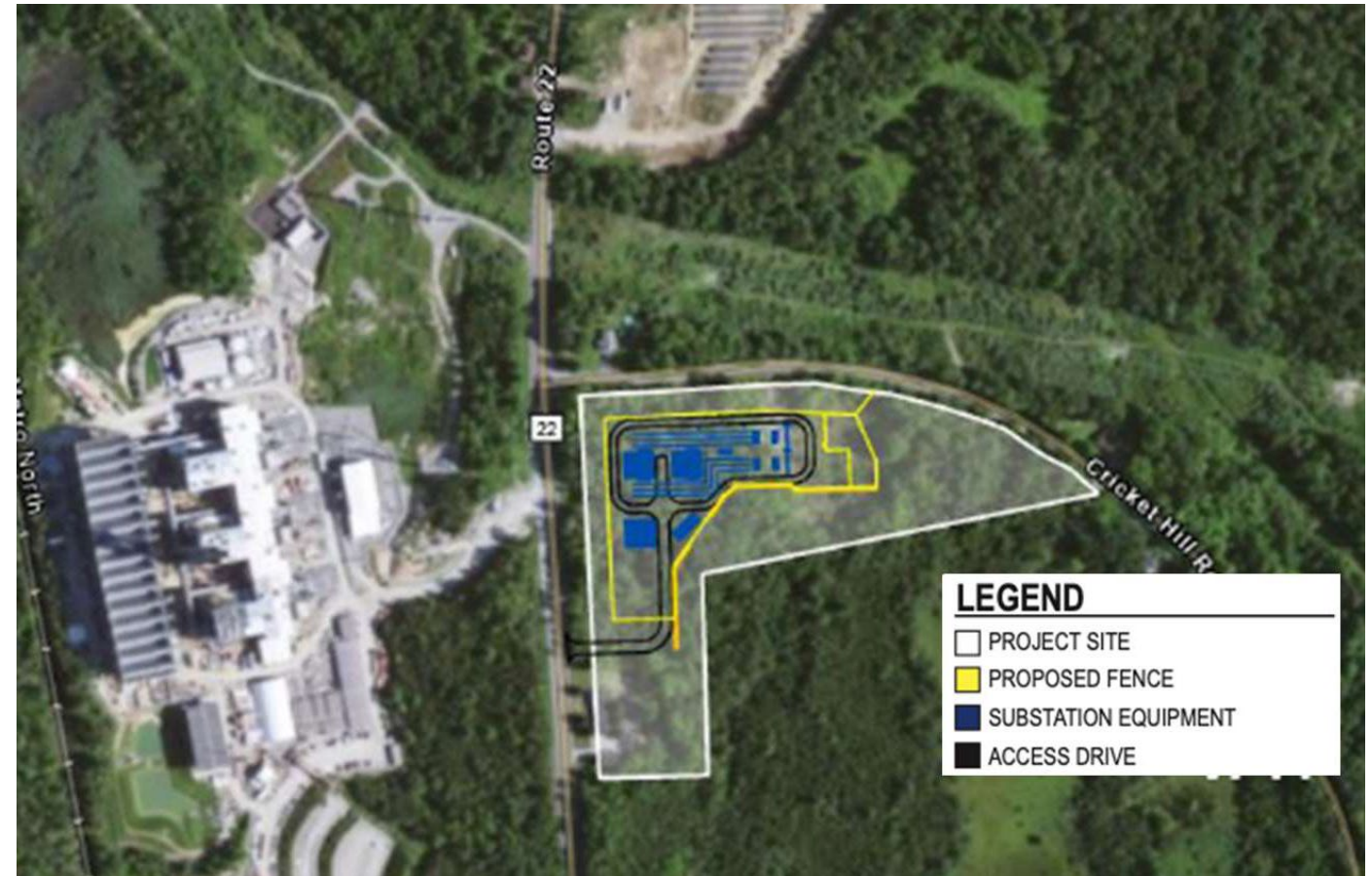
Rock Tavern to Sugarloaf (Segment B Additions)

- 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



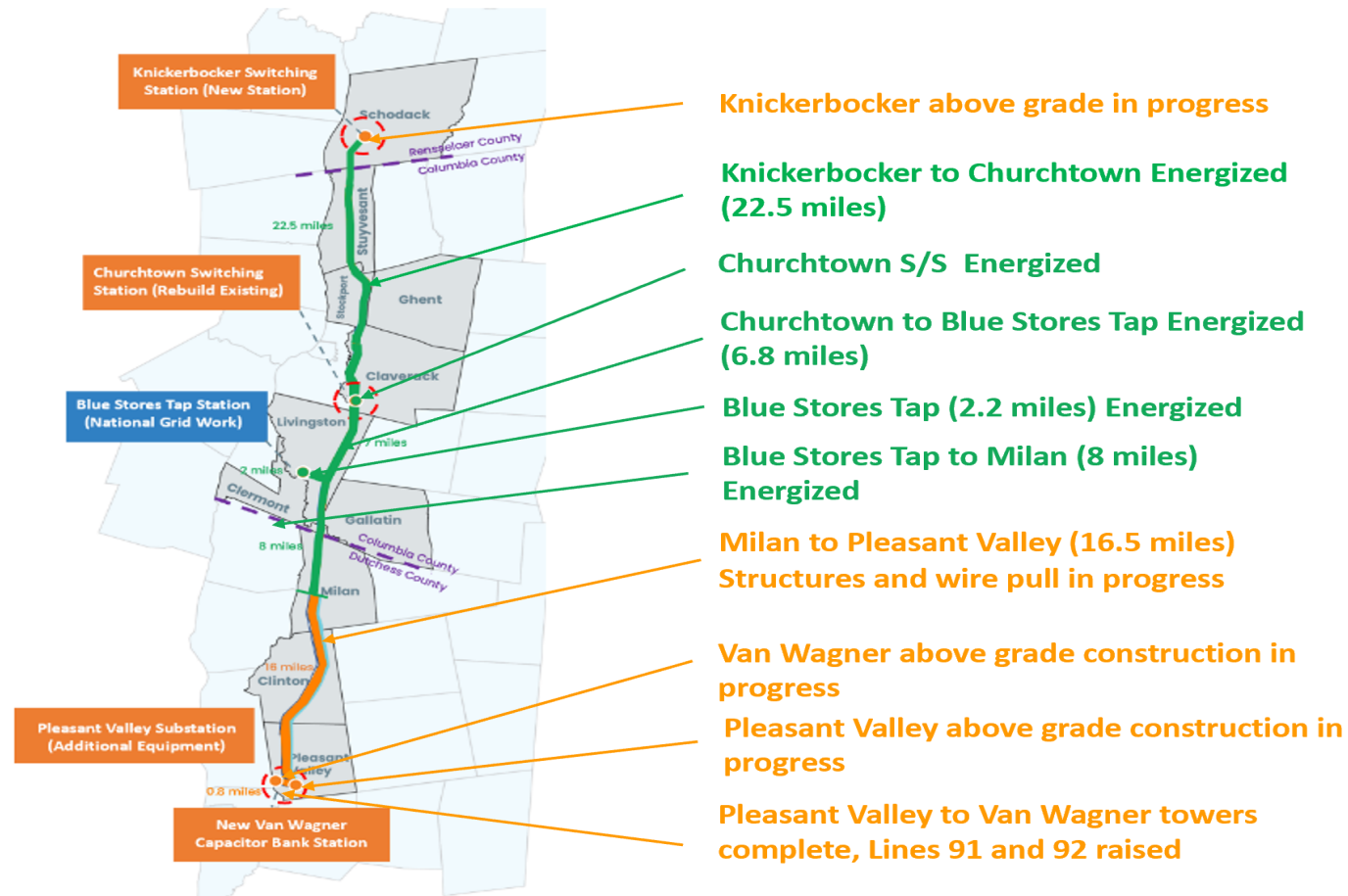
Dover PAR Station

- 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 - May 2023
- Series Compensation will be available – December 2023

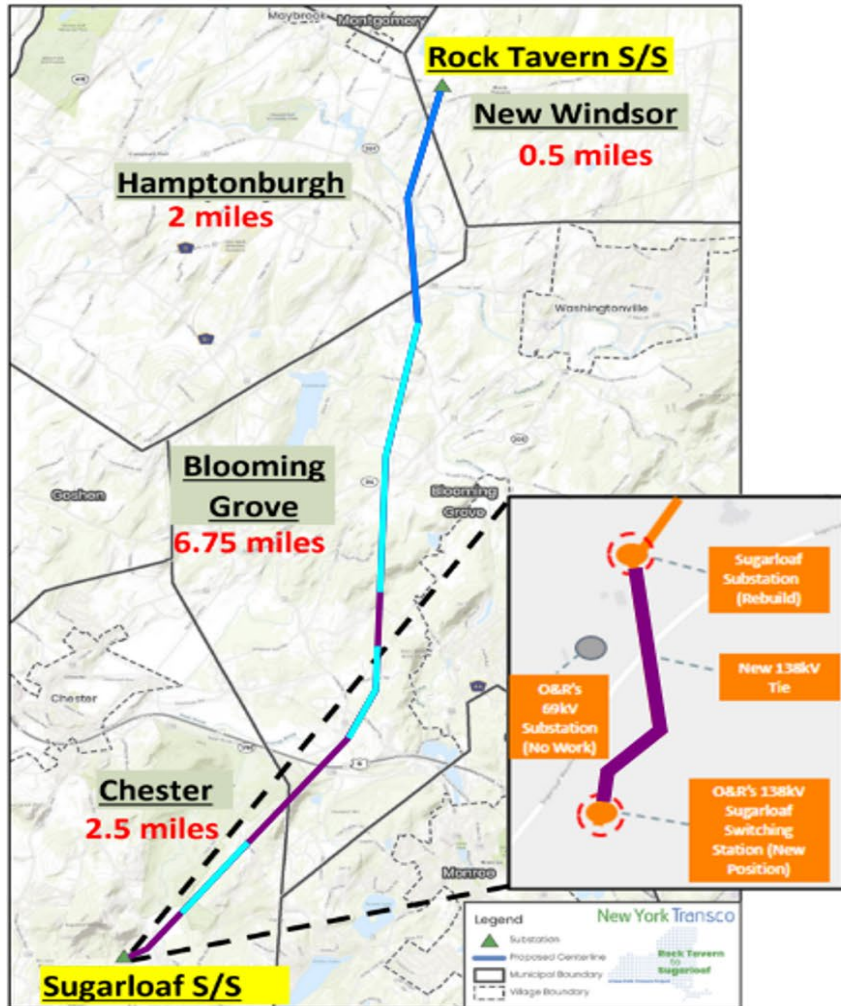


Segments	Total # of Structures	Structures Erected
Knickerbocker - Valkin	38	36
Valkin - Falls Park	60	60
Falls Park - Hudson	37	37
Hudson - ADM Milling	16	16
ADM Milling - Churchtown	35	35
Churchtown - Blue Stores Tap	51	51
Blue Stores Tap - Blue Stores	23	23
Blue Stores Tap - Milan	62	62
Milan - Pleasant Valley	127	50
Pleasant Valley - Van Wagner	4	4
New Scotland - Knickerbocker - Alps	3	0
Total T-Line Progress	456	374

■ Construction complete and line energized
■ Construction in progress

RTS Project Construction Update

- Anticipated Construction Completion - June 2023



Segments	Total # of New Structures	Structures Erected *
New Windsor	5	5
Hamptonburgh	15	15
Blooming Grove	50	37
Chester	30	5
Total T-Line Progress	100	62

* as of 2/21/2023

Legend

- Construction Underway
- Access Complete
- Structure Install Complete
- Wire Strung
- Energized

Dover Construction Schedule

- Local Permit Approvals – February 2023
- Anticipated Construction Start - Q1 2023
- Anticipated Construction Completion - December 2023