



Reliability Analysis Update

Sub Regional RTEP Committee - PJM West

July 16, 2021

Changes for Existing Projects

Baseline Reliability Projects

Replace B3278.1 (Presented in 12/18/2020 and 2/17/2021 SR RTEP)
With B3278.3

B3278.1: Saltville Station: Replace H.S. MOAB Switches on the high side of the 138/69-34.5 kV T1 with a H.S. Circuit Switcher.

Estimated Cost: \$0.72M

New Project Status: On hold

B3278.3: Saltville Station: Install two breakers and bus diff protection.

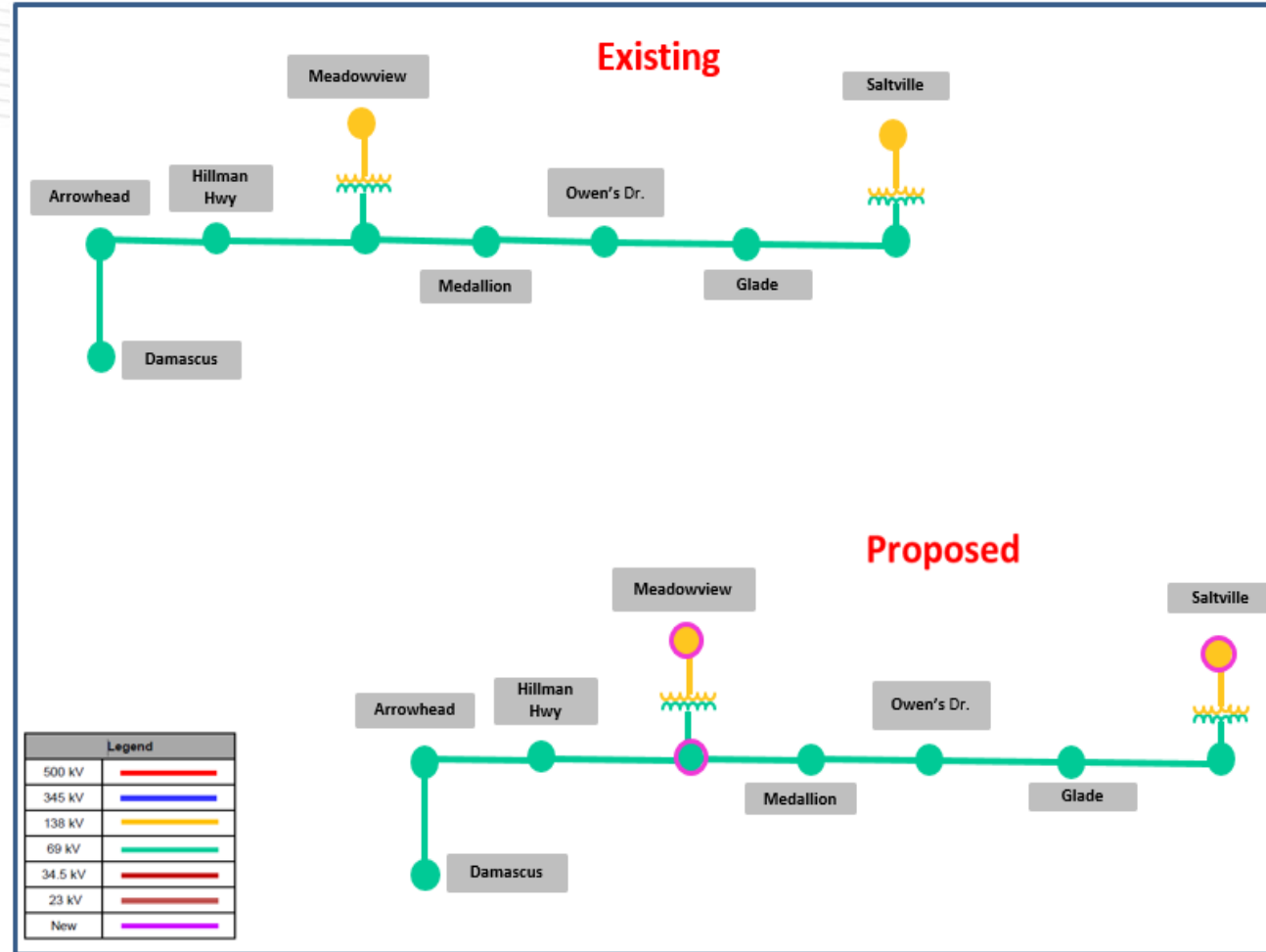
Estimated Cost: \$0.36M

Reason for the scope change: AEP-2020-AP037 and AEP-2021-AP004 solution, that requires reconfiguring Saltville station into a breaker-and-a-half arrangement, would eliminate the need for the switcher. By replacing the switcher with just the cost of the breakers that now protect the transformer, the same result is achieved.

NOTE: If the supplemental project is cancelled, B3278.3 will be cancelled and B3278.1 will be re-activated.

Required IS date: 12/1/2025

Projected IS date: 12/1/2025



- V1 – 7/12/2021 – Original slides posted