

Market Efficiency Transource Project 9A Update

Transmission Expansion Advisory Committee

June 4, 2025

Summary

- PJM provided an update at the May 6, 2025 TEAC indicating the challenges with building the eastern portion of Project 9A (9A-East).
- Multiple RTEP projects approved after Project 9A was suspended in 2021 and some occupy the same physical location or right-of-way as 9A-East.
- Western portion of Project 9A exceeds 1.25 benefit-to-cost ratio and continues to address market efficiency planning needs on AP South and related facilities.

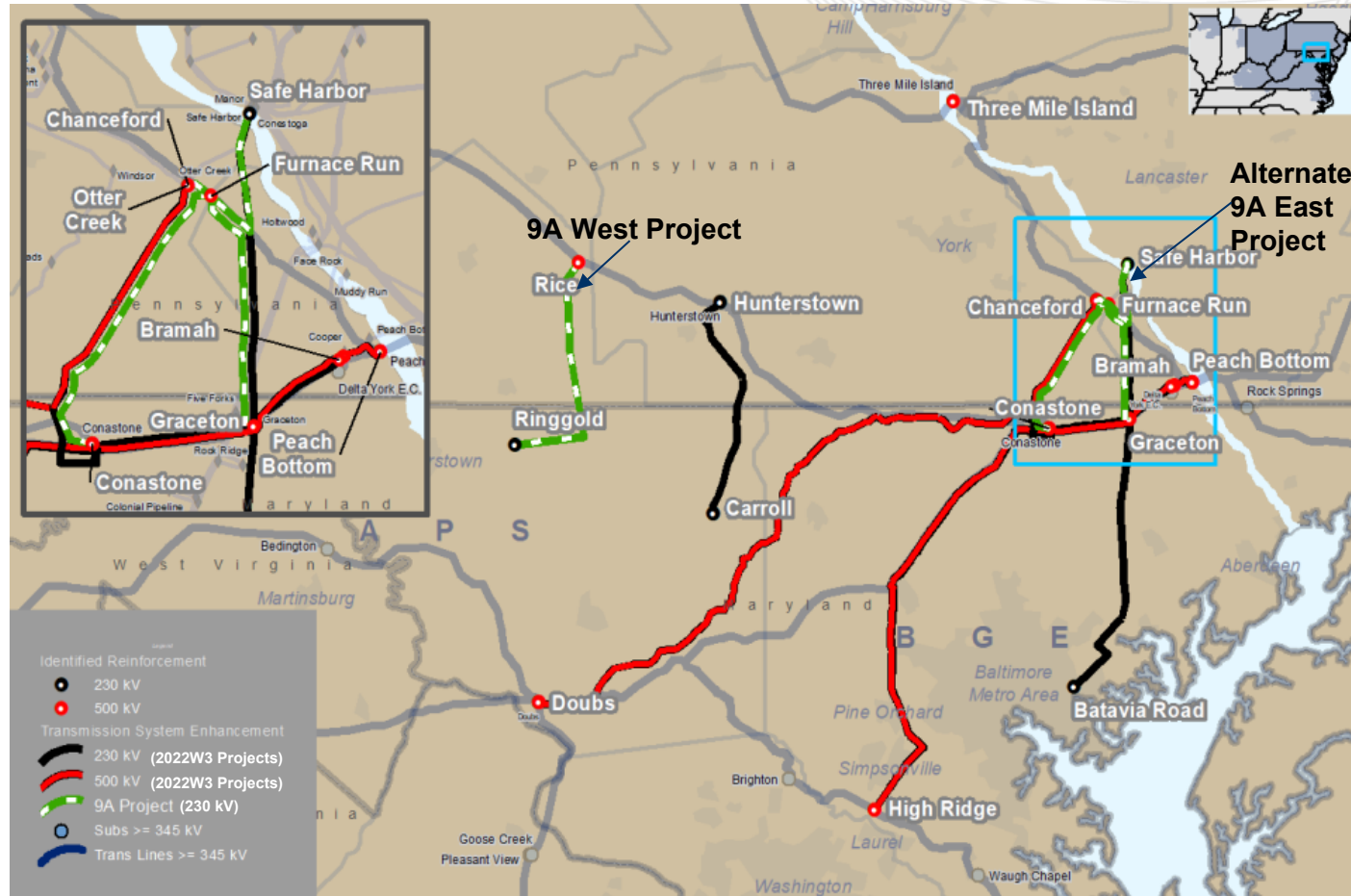
Next Steps

- Recommendation to the PJM Board in July to modify Project 9A to remove the eastern portion.

Appendix

RTEP projects have been approved and constructed since Project 9A was placed in suspended mode in 2021.

- Multiple occupy the same physical location or right-of-way as 9A-East.
- 9A-East's Furnace Run-Conastone 230 kV lines are on the same rights-of-way that are now being utilized for the Chanceford-Conastone area 500 kV (2022 Window 3 Approved Projects).
- Chanceford 500 kV station ties into Peach Bottom-TMI, located in close proximity, and serves similar objectives to 9A-East's Furnace Run 500 kV station but with 500 kV transmission.



Re-evaluation	B/C Ratio	Cost (\$M)
Original 9A	3.74	430.41
Alternate 9A	3.42	584.57
9A West Only	3.85	264.61

Assumptions:

- Includes 2024W1 reliability solutions
- 2024 PJM Load Forecast
- Includes First Energy supplemental s3540.1 upgrading station equipment downstream of Rice-Ringgold 230 kV line (western portion)

Key Takeaway: Project 9A continues to exceed the 1.25 B/C threshold under these scenarios.

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Transource Project 9A Update



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