

# Market Efficiency Transource Project 9A Update

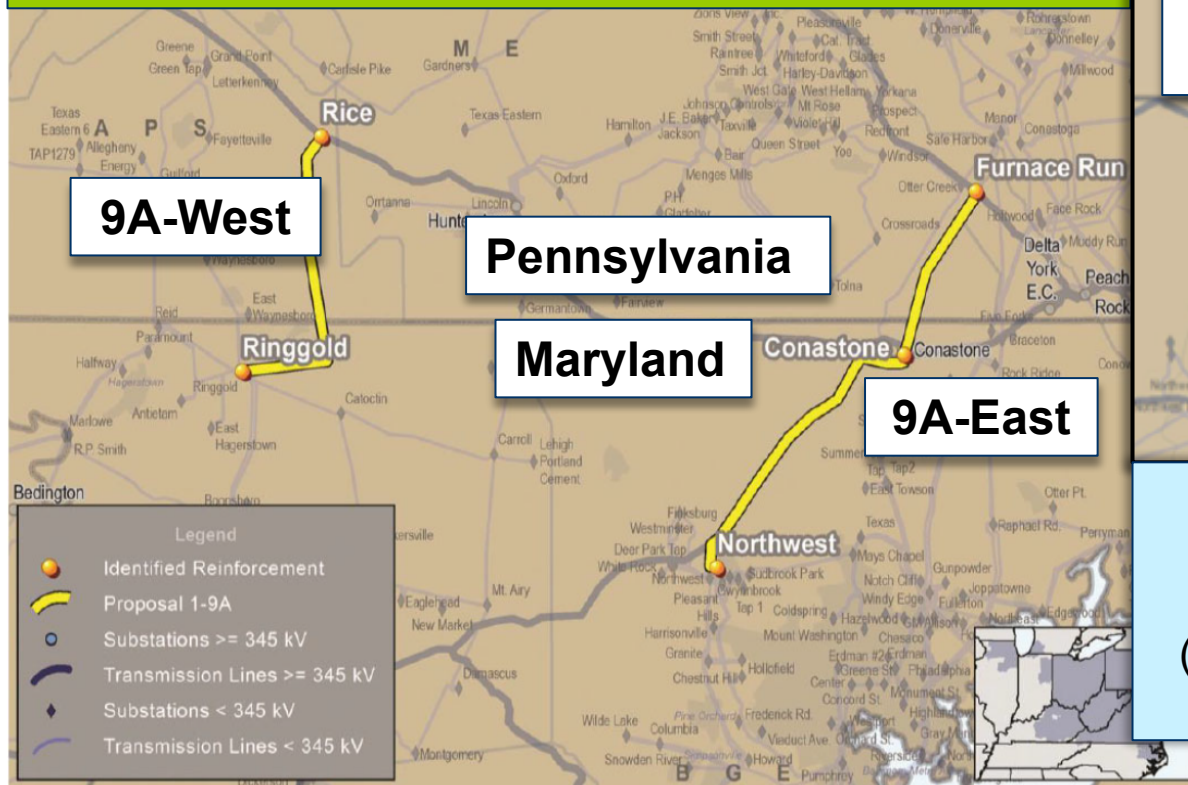
Transmission Expansion Advisory  
Committee

May 6, 2025

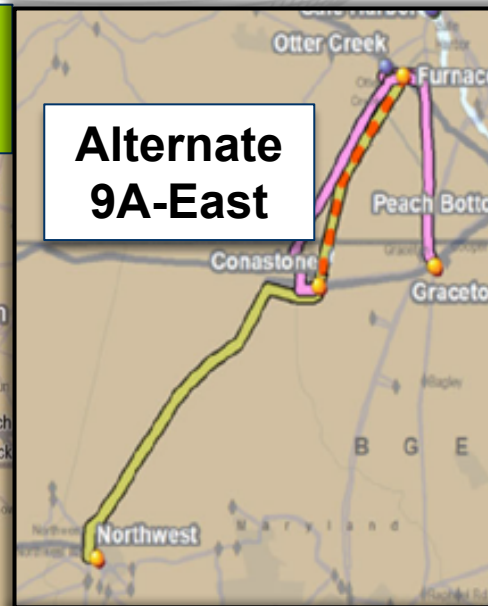
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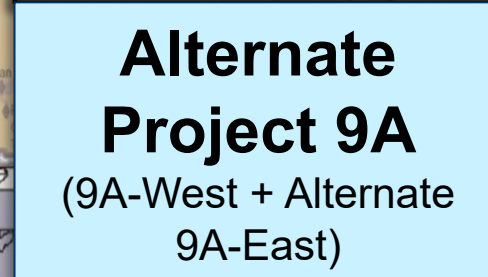
## Project 9A (Approved in August 2016) (9A-West + 9A-East)



### Alternate 9A-East

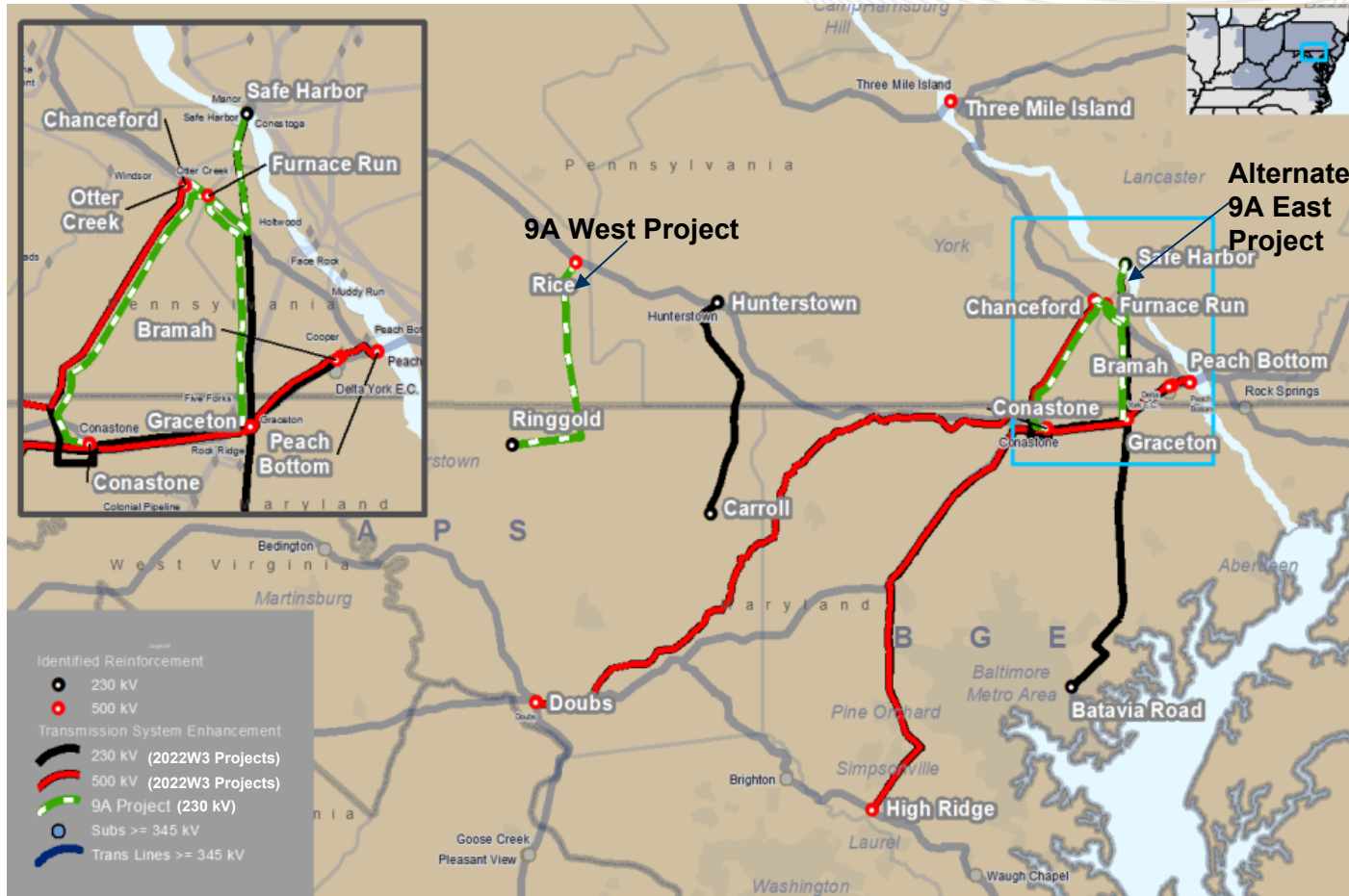


### Alternate Project 9A (9A-West + Alternate 9A-East)



Settlement Proceedings between developer, impacted customers and public utility staff resulted in Alternate 9A-East.

- Utilizes existing right-of-way on eastern portion
- Costs ~ \$584.57 million
- PJM board conditionally approved Alternate Project 9A in December 2019 pending PA and MD CPCN



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.

- 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.
- Additional regulatory process and CPCN proceedings to modify project scope to focus on western portion only.
- Additional updates to be provided in June-July timeframe



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**Transource Project 9A Update**



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## Revision History

- V1 – 5/1/2025 – Original slides posted.

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