

Reliability Analysis Update

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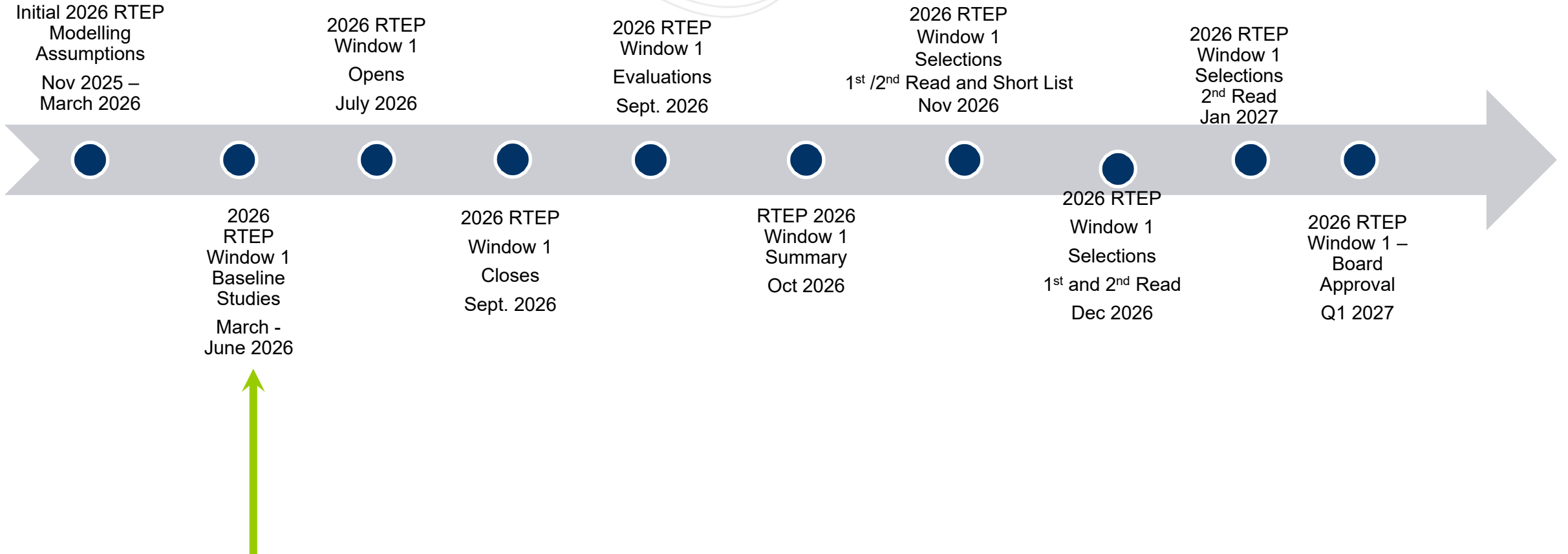
Transmission Expansion Advisory Committee
May 8, 2026

- 2026 RTEP - Window 1
 - Schedule Update
- 2025 RTEP - Window 1
 - P5 Updates
- Scope / Cost Changes
- NJ SAA Project Cancelations



2026 RTEP Window 1 Schedule Update

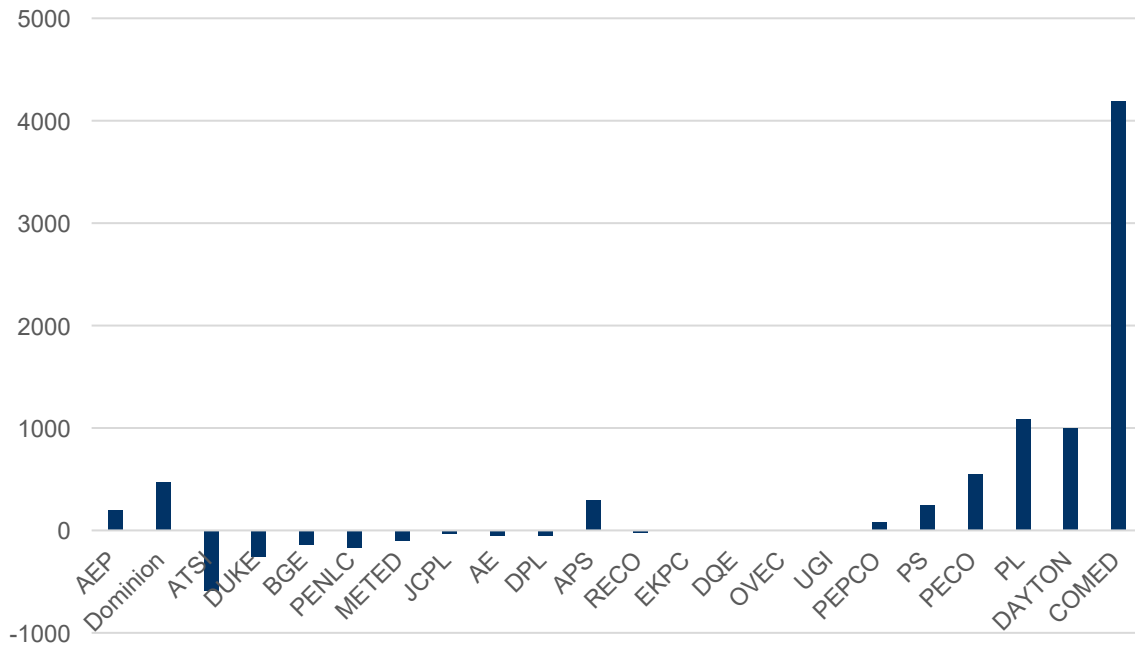
2026 RTEP Window 1 – Timeline



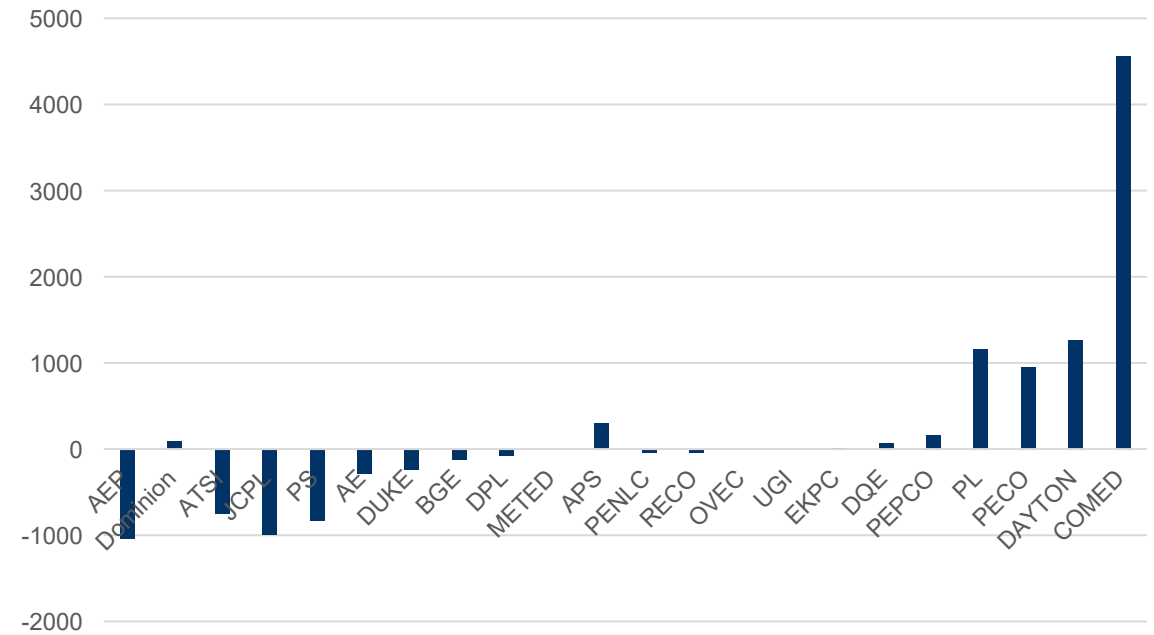


5 Year Case Load Comparison: 2026 RTEP Vs 2025 RTEP

Summer Load Difference Between 2031 Load in 2026 Load Forecast and 2030 Load in 2025 Load Forecast



Winter Load Difference Between 2031 Load in 2026 Load Forecast and 2030 Load in 2025 Load Forecast



2031 Preliminary Gen Deliv Overloads (>200KV)

Area Name	kV Level	Number of Overloaded Facilities
AEP	345	1
AEP/OVEC	345	1
AEP/DEI	345	1
OVEC	345	1
ComEd	345	Under Investigation
PECO	230	1
PECO/AE	230	1
PECO/DPL	230	2
PSEG	230	1
NYISO/PSEG	345	1
DPL	230	1
Dominion	500	3
Dominion	230	4
Dominion	500/230	1

- These results are PRELIMINARY
- No 500kV and above conductor limited overloads
- ComEd potentially has more >200kV overloads comparing to other areas

- Given the solid performance of the Planned 2031 PJM system performance demonstrated in the 5-year analysis and similarity between Load Forecasts between the 2025 RTEP and 2026 RTEP, PJM is not anticipating major 500kV and above transmission developments out of the 2026 RTEP
- COMED and its seams (with neighboring zones) may see some need for upgrades in 5-year analysis that could benefit from right sizing using the 8-year model and general sensitivities (using CapEx).

- The PJM 5-year analysis:
 - Except for potentially PJM Northwestern corner; Address smaller, regional needs within zones that are not Bulk-Transfer related.
 - Capture potential impacts of NJSAA OSW removal (Resources + Upgrades).
- The PJM 8-year analysis/models:
 - CapEx Scenarios analysis and to be shared 8-year base models will provide insights to resource developers and new loads; and illustrate policy impacts on regional needs expected out of the CapEx scenarios.
- PJM is currently not expecting that there will be any 8-year based needs part of the 2026 RTEP.



2025 RTEP Window 1 P5 Updates

2nd Read

Process Stage: Second Read

Criteria: Baseline Analysis

Assumption Reference: 2030 RTEP assumption

Model Used for Analysis: 2025 Series RTEP 2030 Summer, Winter & LL cases

Proposal Window Exclusion: Substation Exclusion

Problem Statement: In 2025 Series RTEP 2030 Summer, Winter & LL cases, multiple thermal and voltage violations are observed due to multiple P5 contingencies.

Proposed Solution:

- TOs have submitted P5 mitigation projects that include upgrades listed below designed to eliminate the P5 contingency:
 - Battery Monitoring
 - Relay Upgrades

Transmission Estimated Cost: ComEd \$0.2M, ACE \$0.16M, JCPL \$0.8 M, ATSI \$7.2M

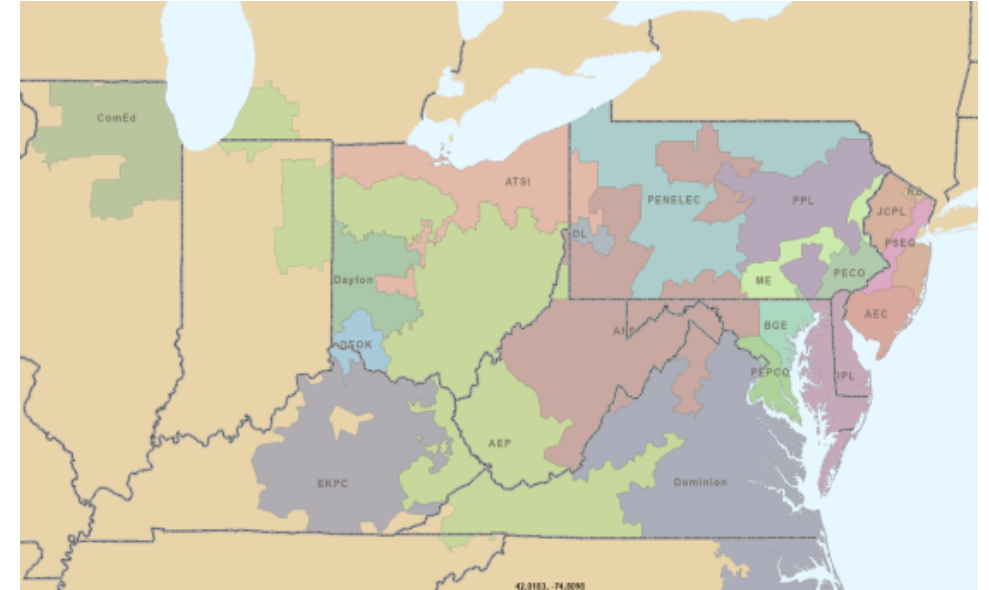
Ancillary Benefits: Installation of redundant equipment will prevent outage scenarios and improve reliability of the transmission system.

Required in-service date:

04/15/2030(1 JCPL & 1 ATSI, 1 ACE), 06/01/2030(6 ATSI, 1 ComEd), 12/01/2030(1 ATSI)

Projected in-service date: 4/15/2030

Upgrade ID: b4080.1-3 (ComEd), b4079.1 (AEC), b4081.1 (JCPL), b4082.1, b4083.1, b4083.2, b4084.1, b4085.1, b4086.1, 4087.1, b4088.1 (ATSI)



TO	Total Cost (\$)	# of Substations By kV Level				
		115	138	230	345	500
JCPL	\$ 800,000.00			1		
ATSI	\$ 7,200,000.00		5		3	
ComEd	\$ 200,000.00		2		1	
ACE	\$ 160,000.00			1		

Scope / Cost Changes

Process Stage: Recommended Solution

Criteria: Short Circuit

Assumption Reference: 2025 RTEP assumptions

Model Used for Analysis: 2025 Series RTEP 2030 Short Circuit base case + Preliminary preferred solution

Proposal Window Exclusion: None

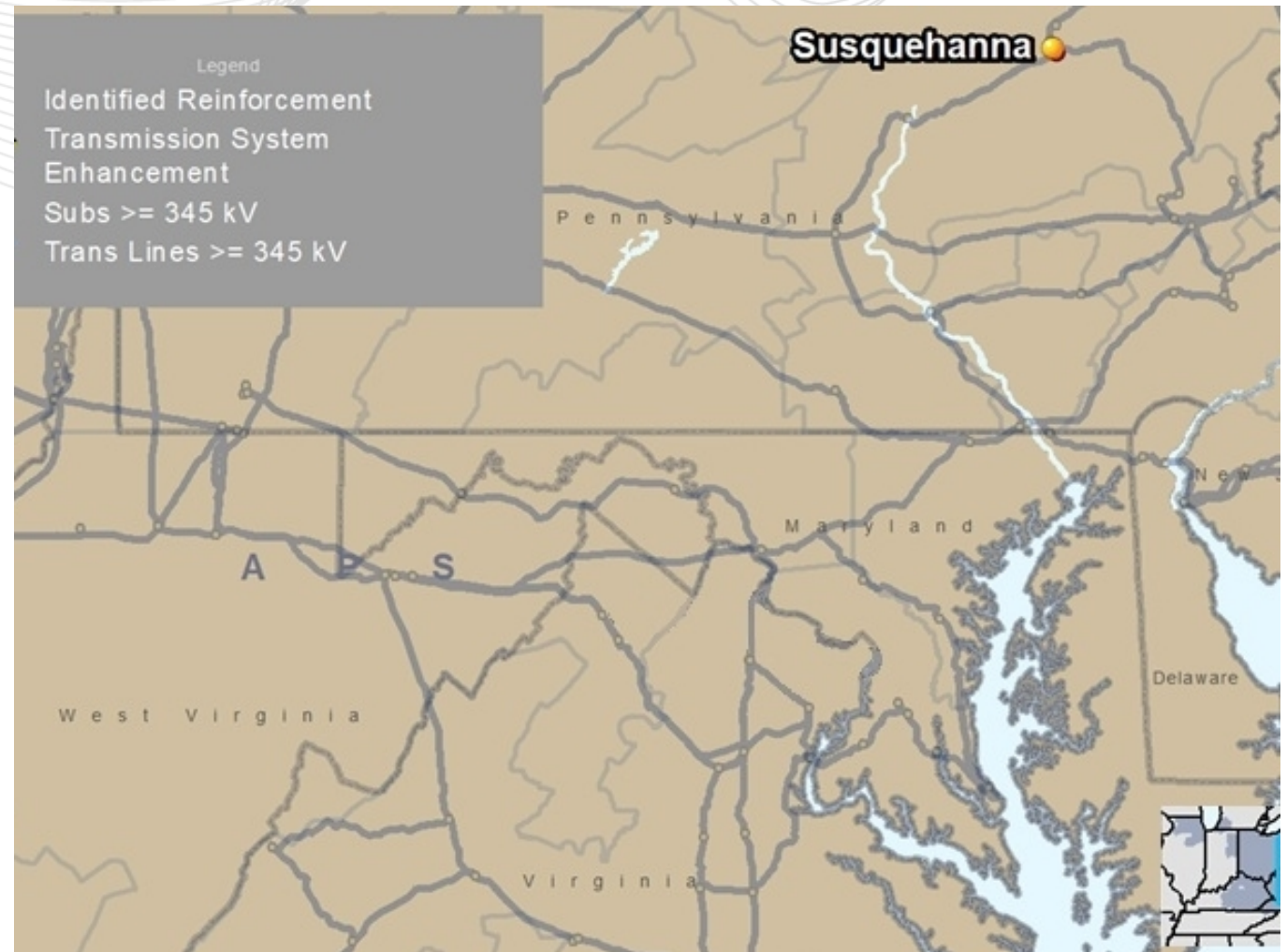
Problem Statement:

In the 2030 RTEP Short Circuit base case that includes the PPL cluster selected solution, 2025-W1-558 + Component from 2025-W1-853 (Kelayres 3rd 500/230 kV transformer), which was presented in 12/8/2025 TEAC, six 230KV breakers at Susquehanna were identified to be over duty.

Recommended Solution:

Replace the six 230KV breakers at Susquehanna ,**due to fault current rating increase to 63kA. Replace the bushing current transformers of five 230 kV circuit breakers. Perform substation ground grid mitigation. (B4029.18)**

Estimated Cost: ~~\$4.50M~~ **\$7.39M**



Scope Change for b4000.344 & b4000.345 (500kV Line North Anna – Thornburg⁽¹⁾ (formerly Kraken) - Bristers):

- Build a 500kV line from North Anna substation (bypassing Ladysmith Substation) to a new substation called Thornburg (formerly Kraken). New conductor to have a minimum summer normal rating of 4357MVA. **(b4000.344) \$186.67M**
- Build a 500kV line from a new substation called Thornburg (formerly Kraken) to Bristers. New conductor to have a minimum summer normal rating of 4357MVA. **(b4000.345) \$384.96M**

Transmission Estimated Cost:

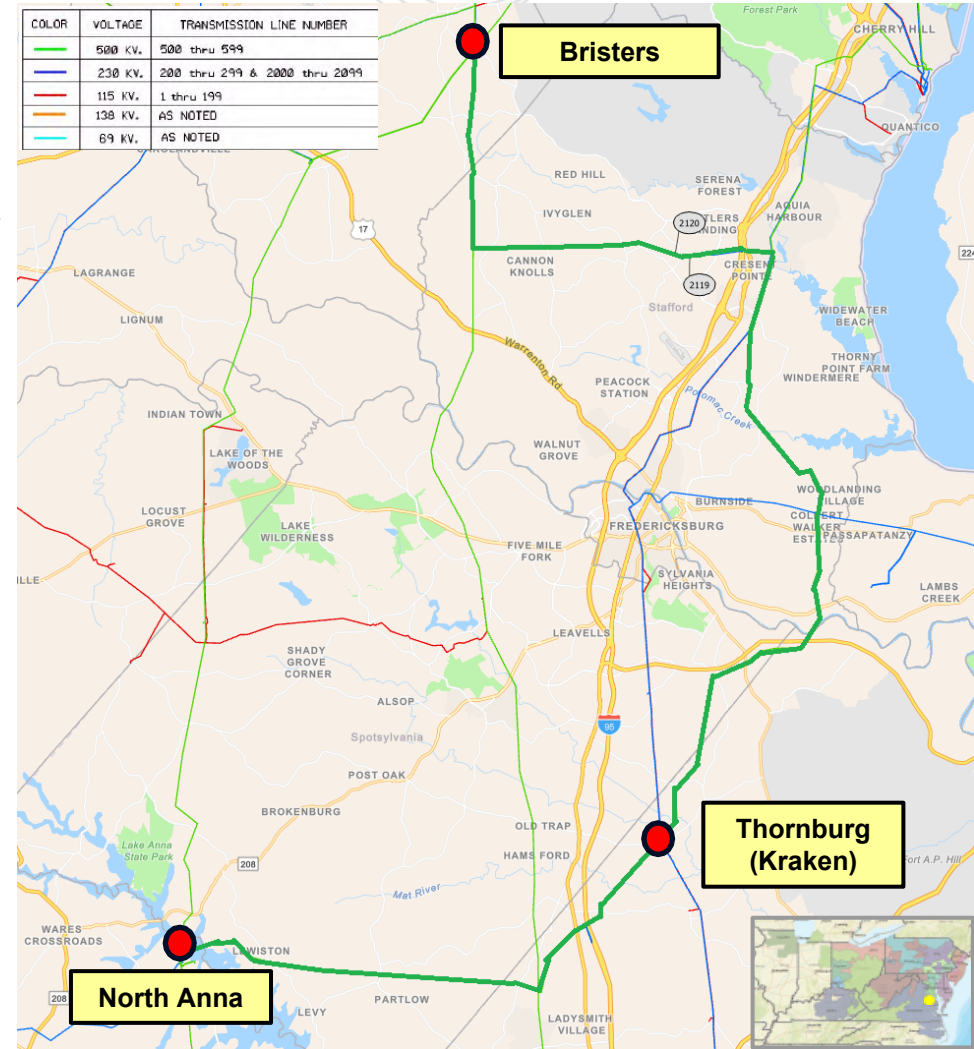
Estimated Cost: \$571.63M

Required IS Date: 6/1/2029

Projected IS Date: 6/1/2029

Previously Presented: 1/7/2025 (b4000.344) & 4/7/2026 (b4000.345)

Note 1: Kraken Substation has been renamed to Thornburg.



Revised Solution:

- Switch to 5/2 structures for the transmission line from North Anna – Thornburg (aka Kraken) – Bristers, with a designated 0.36-mile segment from Stafford to Aquia Harbor constructed using 5/5 structures.

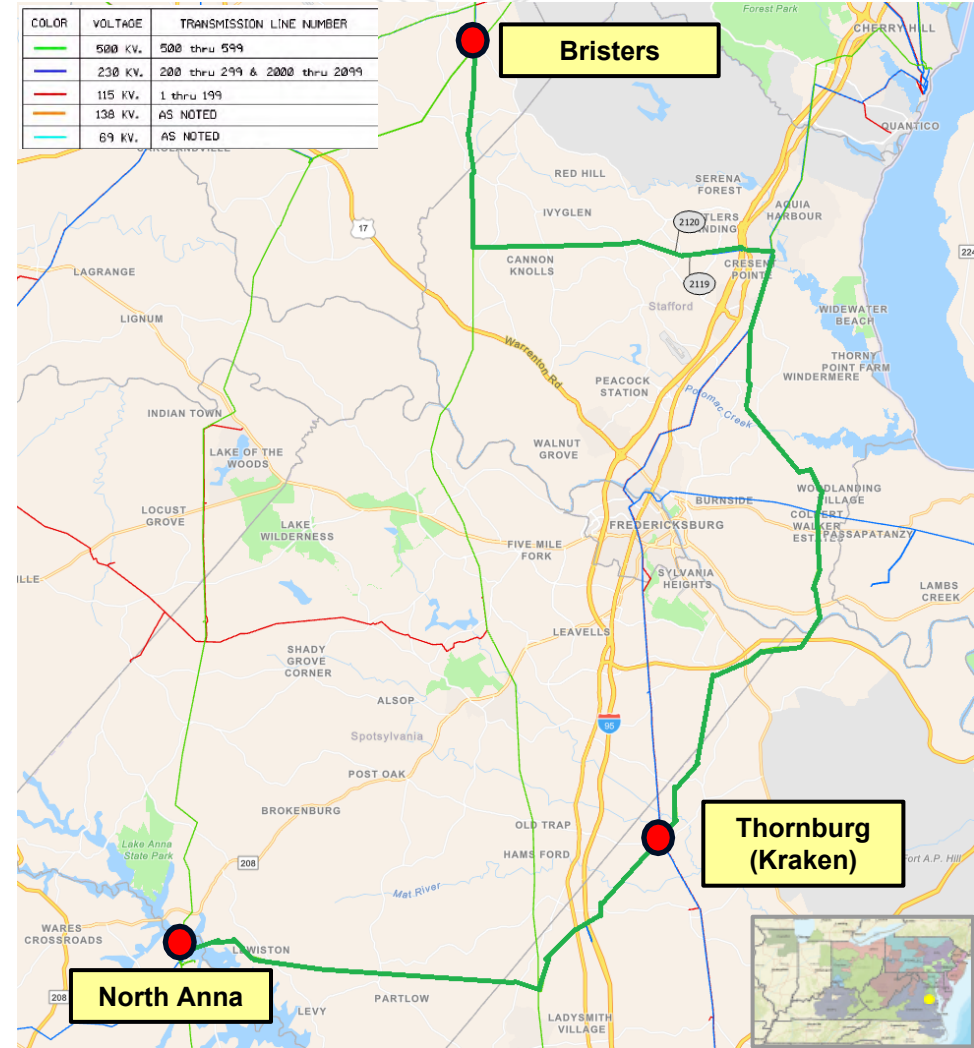
Reason for Scope Change & Cost Update:

- The general area within proximity of the corridor North Anna - Thornburg - Bristers has experienced load growth, mainly data centers, since proposing this project during the 2024 RTEP Open Window 1.
- The inclusion of 230 kV underbuilt capability enables reuse of existing structures, minimizes future environmental impacts, long-term capital costs, and avoids extended outages on critical 500 kV facilities.

Additional Cost Estimate: \$90M (b4000.344 \$29.5M + \$60.5M b4000.345)

Total Proposed Cost Estimate: \$661.63M

Revised In-Service Date: 9/16/2030

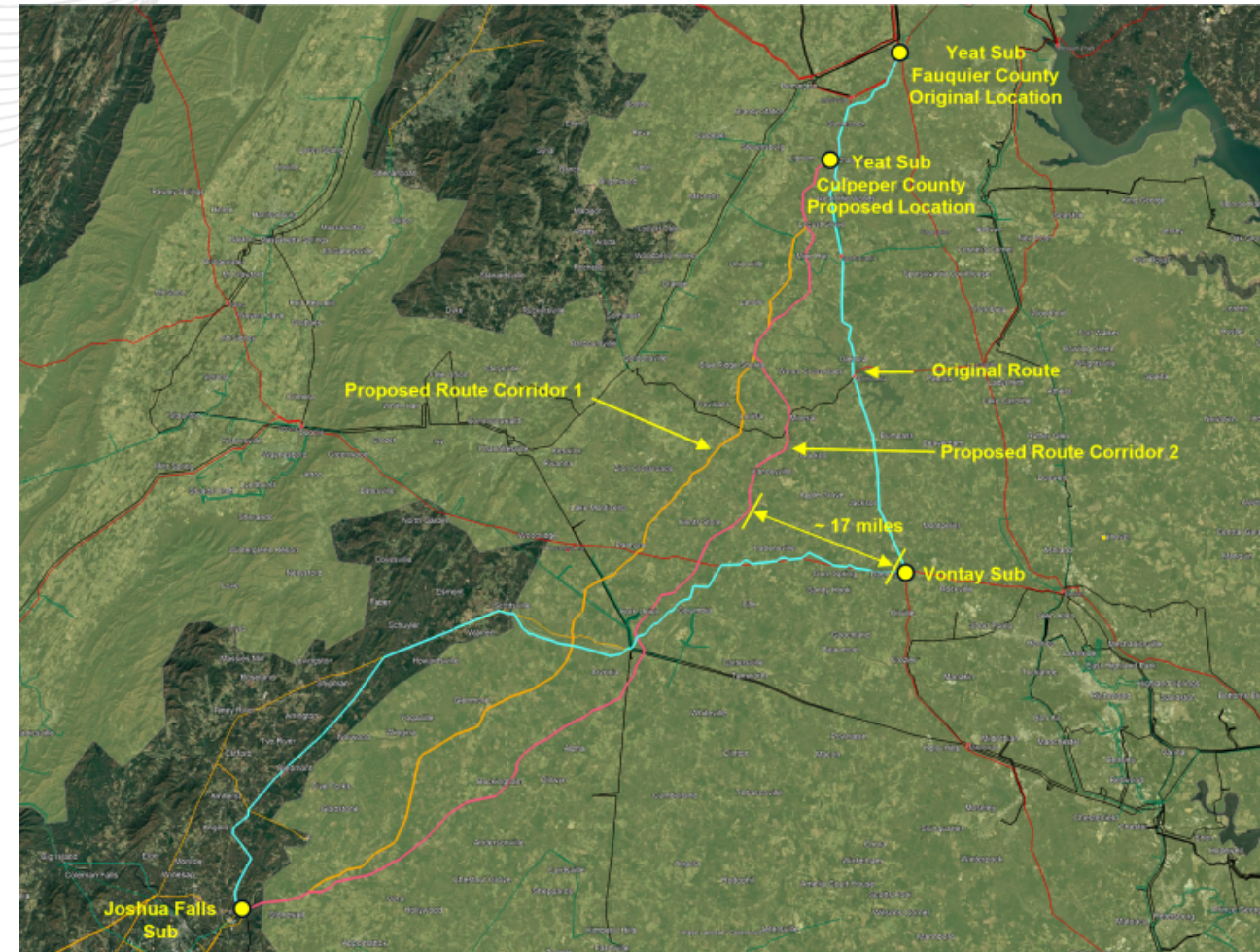


Scope Change Drivers / Considerations:

- Enhancement to schedule certainty to meet project's in-service date
- Reduce potential residential, environmental, cultural and historical impacts
- Consider options to reduce new greenfield 765kV line mileage and associated cost/value benefits
- Offers comparable Transfer limits to the originally approved/selected proposal from 2025-W1
- Requires minor adjustments to earlier approved developments in the area (as will be explained in following slides)

First Read:

- PJM Board approval – Target July 2026
- PJM will model the scope change presented herein part of the 2026 RTEP Competitive Window



*Potential route variations are not shown on the map.

Scope change for B4000.355 – B4000.359 (New Yeat – Joshua Falls 765kV line, Yeat 765/500/230kV Substation)

Part of the recommended solution for 2024 Window 1 (2024-W1-820) is to construct a new 765/500/230kV substation called Yeat & construct a new 765kV line from Joshua Falls to Yeat.

Original Solution:

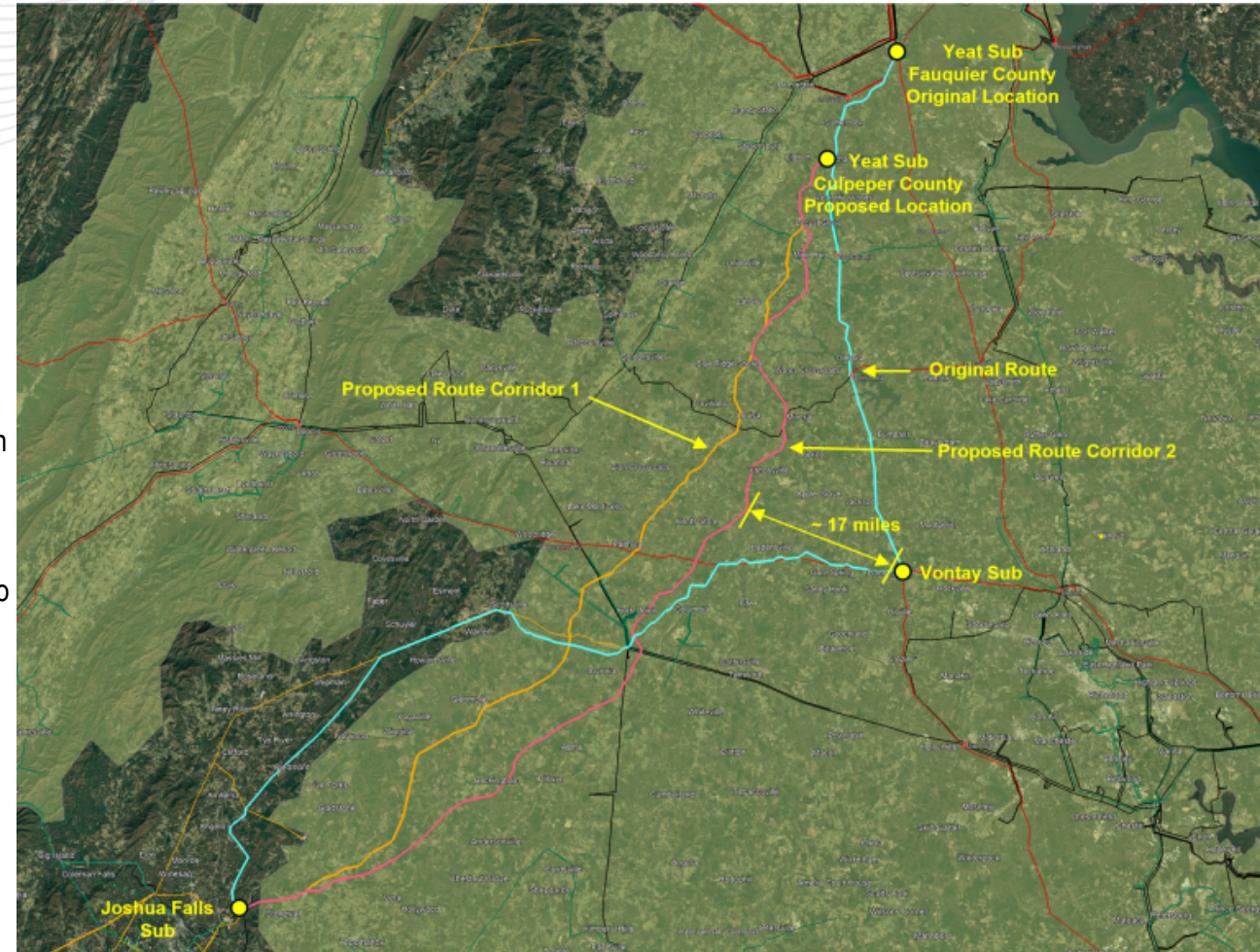
- Build a new 156 mile 765kV line from Joshua Falls – Yeat. (Roughly 69.3 miles in AEP section). **(b4000.355) \$341.17M**
- Build a new 156 mile 765kV line from Joshua Falls – Yeat. (Roughly 86.7 miles in Dominion section). **(b4000.356) \$426.83M**
- Build a new 765/500/230kV substation called Yeat. Install (2) 765/500 kV transformers. Cut in 500kV line Bristers – Ox and 500kV line Meadowbrook – Vint Hill into Yeat. **(b4000.357) \$197.1M**
- At Yeat substation, install (1) 500/230kV transformer. Cut in 230kV line Vint Hill – Elk Run into Yeat substation **(b4000.358) \$45.6M**
- Add (2) 765kV breakers at Joshua Falls substation. Substation expansion is required to add the additional breakers. **(b4000.359) \$99.19M**

Transmission Estimated Cost: \$1,109.89M

Required IS Date: 6/1/2029

Projected IS Date: 6/1/2029

Previously Presented: 01/07/2025



*Potential route variations are not shown on the map.

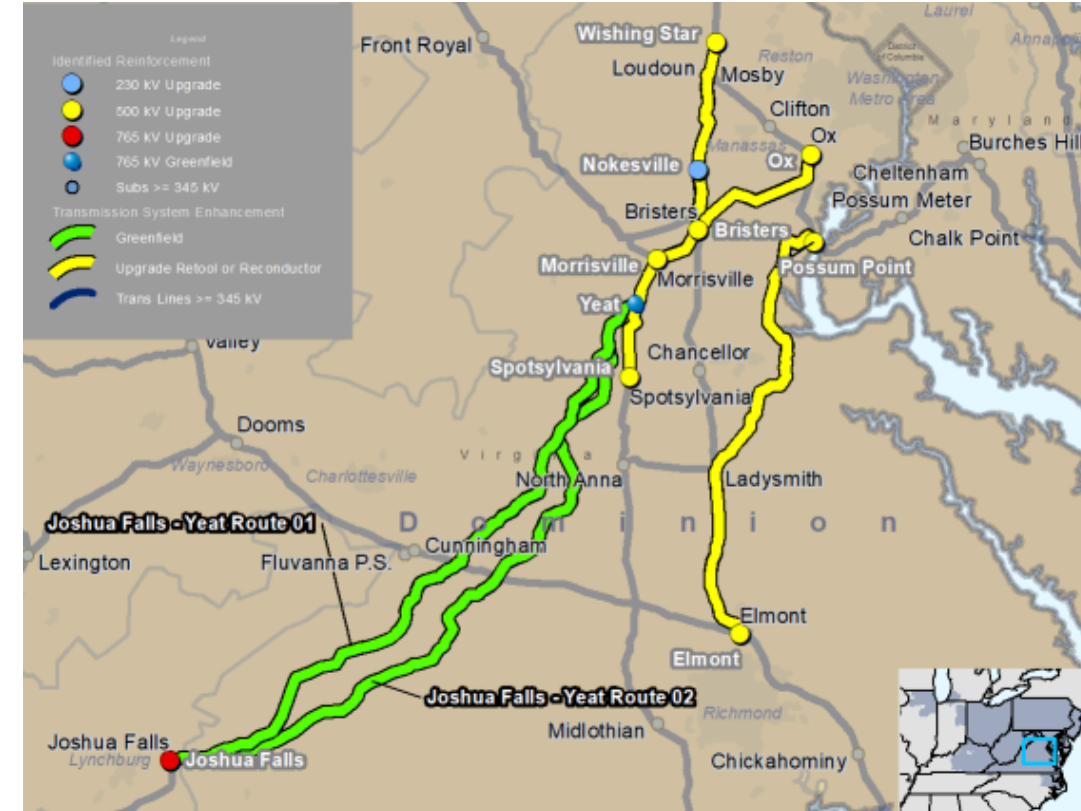
High-Level Overview

• Yeat Substation Relocation

- Relocate Yeat 765kV substation further south by ~15 mi
- Reduce (shorten) Joshua Falls – Yeat 765kV greenfield line to 115 miles
 - 765kV line will head directly towards Yeat (N-E direction from Joshua as shown in map and will no longer pass by Vontay)
- Remove 230kV yard at Yeat
- Cut-in Culpeper Yeat into 500kV Line #594 Spotsylvania - Morrisville
- Extend Morrisville - Wishing Star 500kV line by 7.5 mi from Morrisville to Culpeper-Yeat (using existing ROW)
- Move Kraken loop 500 kV line termination to Bristers (Previously Yeat), reducing length by 1.5 mi

• Additional Reinforcements Required:

- Rebuild ~8 miles of existing 500kV Line #594 from Yeat to Morrisville
- Tie the Morrisville – Bristers and Bristers – Nokesville 230kV lines by removing line terminations at Bristers (bypassing the Bristers substation)
- Upgrade Bristers 230/115kV transformer
- Revise the Yeat – Ox 500kV line (~21 mi) rebuild scope from 2025W1 (b4053.23) to rebuild Bristers – Ox 500kV line (~23 mi) (~2 mi extra)
- Tie the Elmont – Kraken and Kraken – Possum Pt 500kV lines by removing line terminations at Kraken (bypassing the Kraken substation)
- Rebuild 500kV Line #594 Spotsylvania to Yeat 500kV line (~11 mi)



Preliminary Transmission Arrangement for Yeat substation relocation in Culpeper County & supporting reinforcements

Scope Change Details to Existing Baseline Projects:

2022 Window 3:

- Build a new 500kV line from ~~Morrisville~~ **Culpeper Yeat** to Vint Hill. New conductor to have a summer rating of 4357 MVA. Line length is approximately ~~49.74~~ **27.21** miles. **(b3800.357) \$101.89M-\$150.64M**
- ~~Upgrade and install equipment at Morrisville substation to support the new 500kV conductor termination.~~ Terminal equipment at Morrisville substation to be rated for 5000 A for 500kV Line #545 & #569. Upgrade 500 kV bus 2 to 5000 A. **(b3800.346) \$17.54 \$12.54**

2024 Window 1:

- Build a 500kV line from a new substation called Kraken to ~~a new substation called Yeat~~ **Bristers**. New conductor to have a minimum summer normal rating of 4357MVA. **(b4000.345) \$394.71M-\$384.96M**
- Cut-in 500 kV line from Kraken substation into **Yeat Bristers** substation **(b4000.346) \$5M (No cost change)**
- Build a new ~~156~~ **115** mile 765kV line from Joshua Falls – **Culpeper** Yeat. (Roughly ~~69.3~~ **1** mile in AEP section). **(b4000.355) \$341.17M-\$24.62M**
- Build a new ~~156~~ **115** mile 765kV line from Joshua Falls – **Culpeper** Yeat. (Roughly ~~86.7~~ **114** miles in Dominion section). **(b4000.356) \$426.83M-\$541.54M**
- Build a new ~~765/500/230kV~~ **765/500kV** substation called **Culpeper Yeat**. Install (2) 765/500 kV transformers. Cut in 500kV line ~~Bristers—Ox and 500kV line Meadowbrook—Vint Hill~~ **Spotsylvania – Morrisville** into Yeat. **(b4000.357) \$197.10M-\$187.10M**



Dominion Transmission Zone: Baseline New 765/500/230kV Yeat Substation

Scope Change Details to Existing Baseline Projects:

2025 Window 1:

- Rebuild approximately ~~22~~ 23 miles of 500 kV line No. 539 ~~Yeat Bristers~~ – Ox using 6000A conductor on double-circuit structures with the option of adding a 230 kV line at a later time. **(b4053.23) \$122.66M (No cost change)**
- Construct a new ~~765/500 kV~~ Vontay switching station at the crossing of 500 kV line No. 553 Cunningham-Elmont and ~~765 kV line Joshua Falls Yeat~~ 500 kV line No. 576 ~~Midlothian – North Anna~~. Develop ~~two 765 kV line terminal positions and~~ three 500 kV line terminal positions. ~~Install one 765/500 kV transformer, with provisions for a future second transformer.~~ **(b4053.13) ~~\$217.76 M~~ \$80.0M**
- Cut and loop Line #5008 into Mosby substation, which will result in two (2) 500 kV lines: Line #5008 ~~Morrisville Culpeper Yeat~~ – Mosby and Line #9573 Mosby – Wishing Star Sub. The proposed structures to be installed are two (2) single circuit engineered steel double dead-end 3-pole structures and one (1) single circuit steel A-frame backbone structure. **(b4053.11) \$6.686M (No cost change)**
- Upgrade 500 kV line No. 539 associated equipment at ~~Yeat Bristers~~ substation to support the new conductor rating. **(b4053.25) \$0.334M (No cost change)**

Cancellations:

- At Yeat substation, install (1) 500/230kV transformer. Cut in 230kV line Vint Hill – Elk Run into Yeat substation **(b4000.358) \$45.6M**
- Scope change to b3800.313 from 2025W1 no longer required to reconductor existing 500kV line from Yeat – Vint Hill to 6000A. B3800.313 will remain as originally spec'd.
- Loop 765 kV Joshua Falls – Yeat into the new Vontay substation, which will result in two 765 kV lines: from Joshua Falls – Vontay and Vontay – Yeat. **(b4053.16) \$8.36M**
- At Anderson Branch substation, install/upgrade substation terminal equipment to 4000A. **(b4000.339) \$0.95M**
- Construct one (1) new 500kV line terminal position at the proposed Kraken substation. **(b4053.10) \$8.609M**



Dominion Transmission Zone: Baseline New 765/500/230kV Yeat Substation

New Baseline Projects:

- Rebuild approximately 8 miles of the existing 500kV line from Culpeper Yeat to Morrisville. **\$48.75M (b4000.361)**
- Tie the Morrisville – Bristers and Bristers – Nokesville 230kV lines by removing line terminations at Bristers (bypassing the Bristers substation). **\$0.5M (b4000.362)**
- Upgrade Bristers 230/115kV transformer. **\$2M (b4000.363)**
- Tie the Elmont – Kraken and Kraken – Possum Pt 500kV lines by removing line terminations at Kraken (bypassing the Kraken substation). **\$1M (b4053.34)**
- Rebuild approximately 11 miles of 500kV Line #594 Spotsylvania to Culpeper Yeat 500kV line. **\$67.03M (b4053.35)**

Total Cost Savings: ~~\$250.28M~~ \$259.84M

NJ SAA Project Cancelations

- On April 22, 2026, the NJBPU issued an Order authorizing the NJ BPU President to sign the Mutual Termination Agreement with PJM to terminate the NJ SAA agreement.
- As part of this agreement, 42 of the original 58 NJ SAA projects will be canceled due to the removal of the public policy driver for these projects.
 - 6 projects will not be canceled: 3 already completed; 1 multi-driver; and 2 projects directly impacting interconnection projects
 - 10 projects were previously cancelled
- These cancelations are conditioned upon FERC's acceptance of the mutual termination agreement which PJM filed at FERC on April 23, 2026.
- PJM will assess the reliability impact of canceling the 42 NJ SAA projects in conjunction with the system needs being considered in the 2026 RTEP and will consider the timing of the needs in determining the appropriate solutions.



JCPL Transmission Zone: NJ SAA Baseline Project Cancellations

Driver: Public Policy

Problem Statement:

PJM solicited project proposals to build the necessary transmission to meet New Jersey's goal to facilitate the delivery of a total of 6,400 MW of offshore wind.

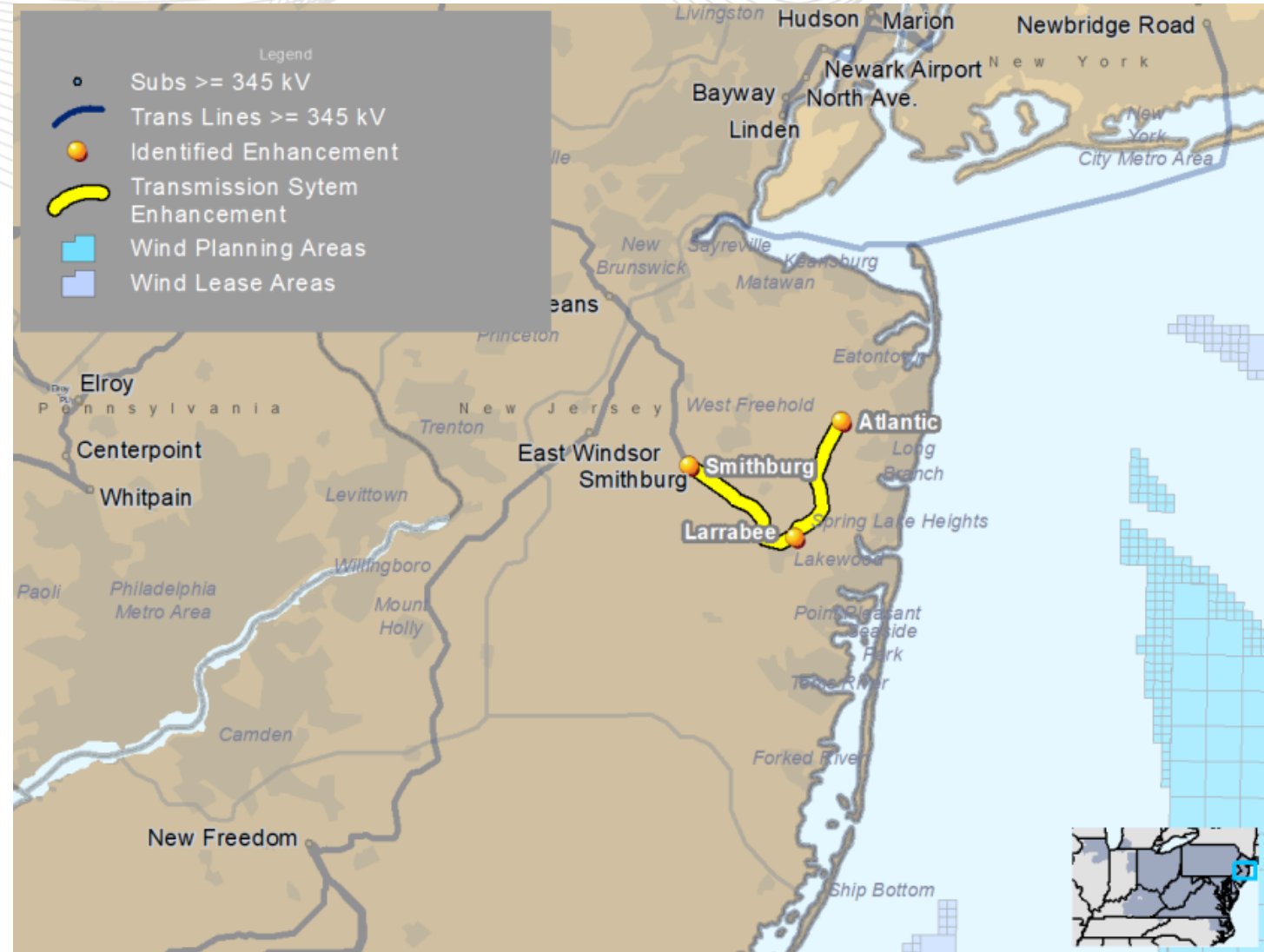
Canceled Projects – JCPL Proposal 453

- Larrabee Substation - 230 kV equipment for direct connection (b3737.2)
- Lakewood Generator Substation - Update relay settings on the Larrabee 230 kV line (b3737.3)
- B54 Larrabee-South Lockwood 34.5 kV line transfer (b3737.4)
- Larrabee Collector Station-Larrabee 230 kV new line (b3737.5)

Required IS Date (b3737.2-5): 6/1/2029

- Larrabee Collector Station-Smithburg No. 1 500 kV line (b3737.6)
- Rebuild G1021 Atlantic-Smithburg 230 kV line between the Larrabee and Smithburg substations as a double circuit 500kV/230kV line (b3737.7)
- Smithburg substation 500 kV expansion to 4 breaker ring (b3737.8)
- Rebuild Larrabee-Smithburg No. 1 230 kV (b3737.32)
- Remove the existing E83 line 115 kV (not in-service) to accommodate the new 500 kV/230 kV lines (~ 7.7 miles) (b3737.53)
- Remove the existing H2008 Larrabee-Smithburg No. 2 230 kV to accommodate the new 500 kV/230 kV lines. (b3737.54)

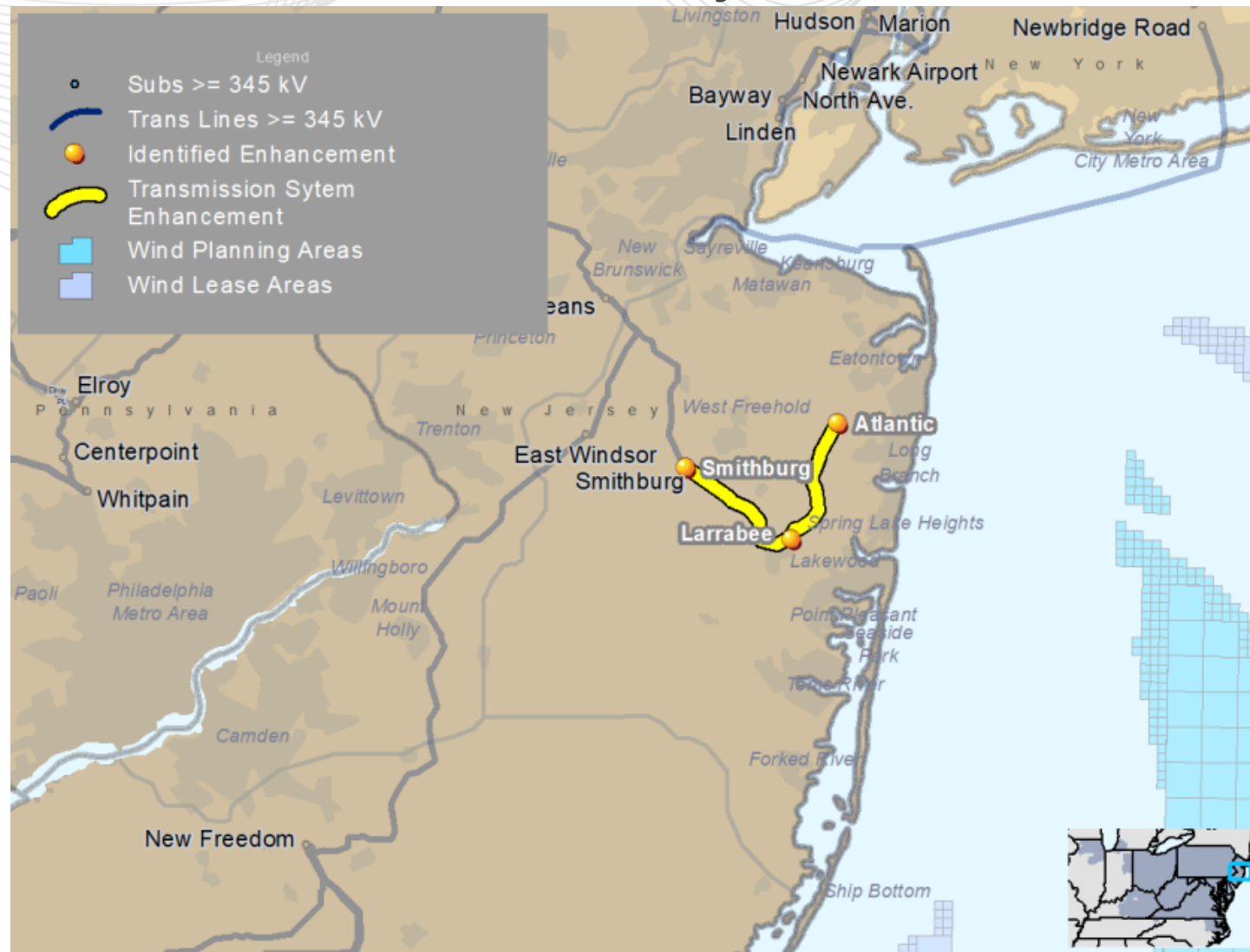
Required IS Date (b3737.6-8, .32, .53 & .54): 12/31/2027



Canceled Projects – JCPL Proposal 453 (contd):

- Larrabee substation upgrades (b3737.9)
- Atlantic 230 kV Substation - Convert to double-breaker double-bus (b3737.10)
- Freneau Substation - Update relay settings on the Atlantic 230 kV line (b3737.11)
- Smithburg Substation - Update relay settings on the Atlantic 230 kV line (b3737.12)
- Oceanview Substation - Update relay settings on the Atlantic 230 kV lines (b3737.13)
- Red Bank Substation - Update relay settings on the Atlantic 230 kV lines (b3737.14)
- South River Substation - Update relay settings on the Atlantic 230 kV line (b3737.15)
- Larrabee Substation - Update relay settings on the Atlantic 230 kV line (b3737.16)
- Atlantic Substation - Construct a new 230 kV line terminal position to accept the generator lead line from the offshore wind Larrabee Collector Station (b3737.17)
- G1021 (Atlantic-Smithburg) 230 kV upgrade (b3737.18)
- R1032 (Atlantic-Larrabee) 230 kV upgrade (b3737.19)
- New Larrabee Collector Station-Atlantic 230 kV line (b3737.20)
- Larrabee-Oceanview 230 kV line upgrade (b3737.21)

Required IS Date (b3737.9-.21): 6/1/2030



Driver: Public Policy

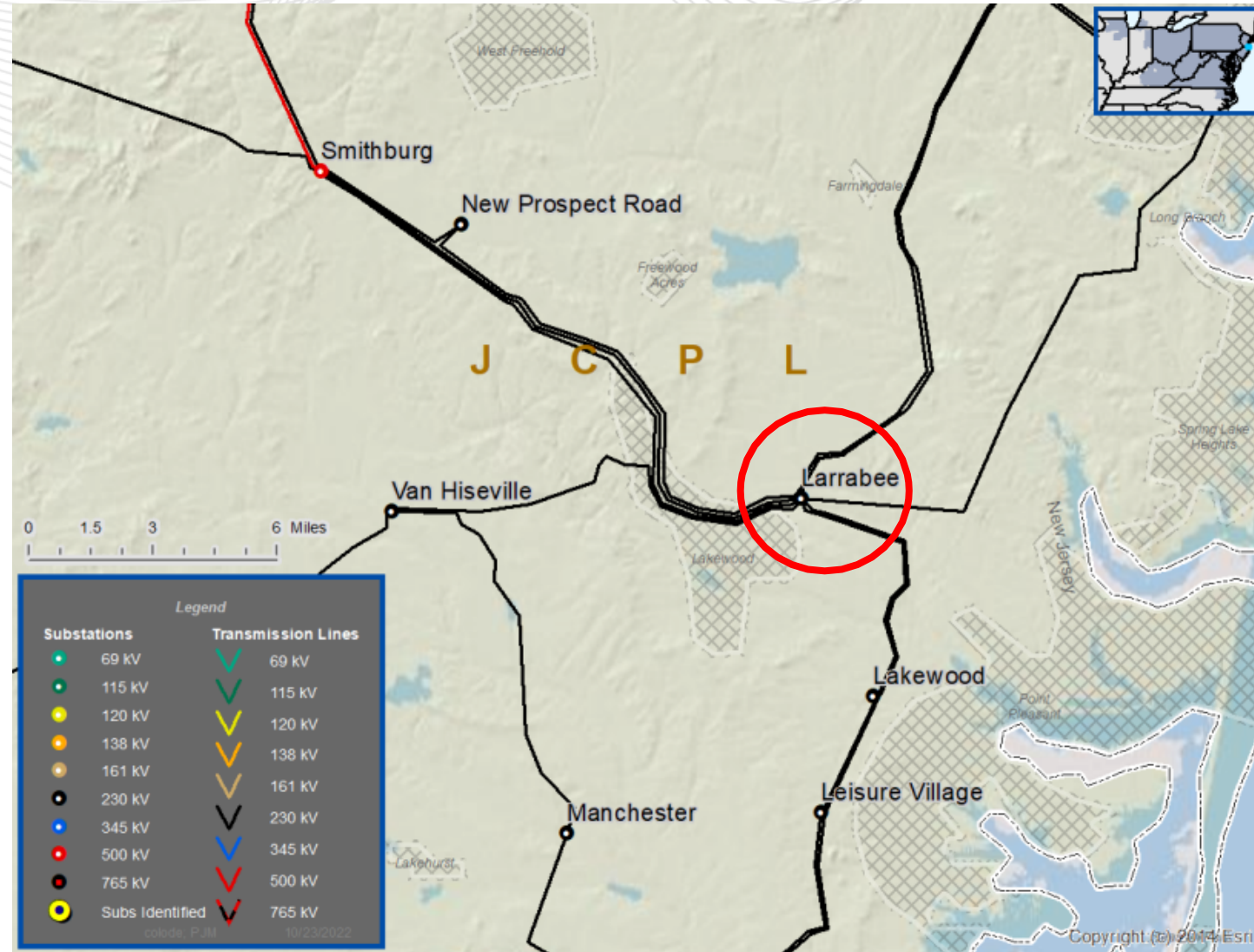
Problem Statement:

PJM solicited project proposals to build the necessary transmission to meet New Jersey's goal to facilitate the delivery of a total of 6,400 MW of offshore wind.

Canceled Projects: MAOD Proposal 551

- Construct the Larrabee Collector station AC switchyard, composed of a 230 kV 3 x breaker and a half substation with a nominal current rating of 4000 A and four single phase 500/230 kV 480 MVA autotransformers to step up the voltage for connection to the Smithburg substation.
- Procure land adjacent to the AC switchyard and prepare the site for construction of future AC to DC converters for future interconnection of DC circuits from offshore wind generation. Land should be suitable to accommodate installation of four individual converters to accommodate circuits with equivalent rating of 1400 MVA at 400 kV. Additional scope includes three sets of AC collector lines from the LCS to the offshore wind converter station area. (b3737.22)

Required IS Date (b3737.22): 12/31/2027





AE Transmission Zone: NJ SAA Baseline Project Cancellations

Driver: Public Policy

Criteria: Summer & Winter Generator Deliverability

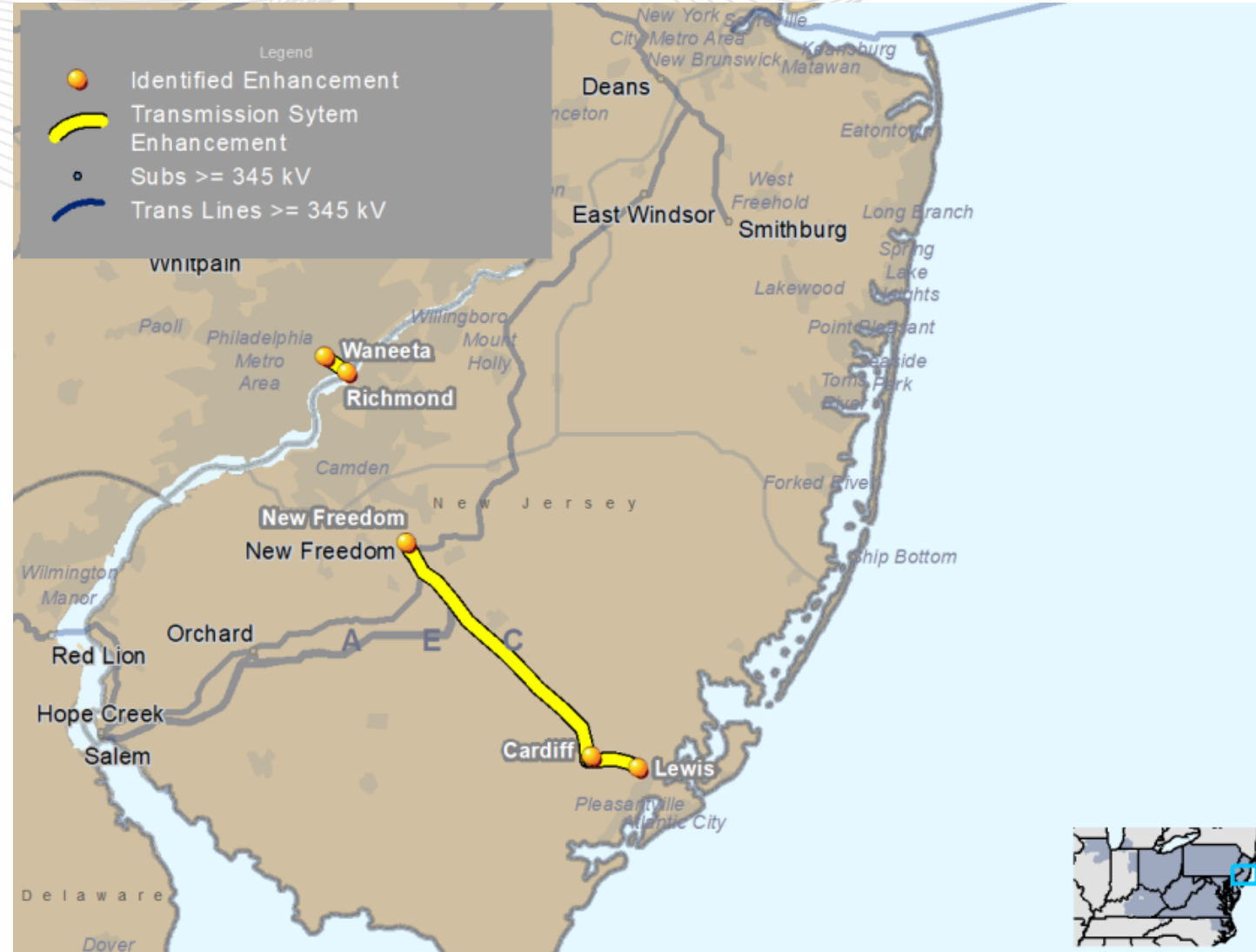
Problem Statement:

The Cardiff-New Freedom 230 kV lines are overloaded for N-2 outages.

Canceled Project: ACE Proposal 127

- Upgrade Cardiff-New Freedom 230 kV by modifying existing relay setting to increase relay limit (b3737.26)

Required IS Date (b3737.26): 4/30/2028





JCPL Transmission Zone: NJ SAA Baseline Project Cancellations

Driver: Public Policy

Criteria: Summer & Winter Generator Deliverability

Problem Statement:

The Clarksville-Lawrence 230 kV, Kilmer I-Lake Nelson I 230 kV, Smithburg-Windsor 230 kV, Smithburg-Deans 500 kV lines and Smithburg 500/230 kV No. 1 and No. 2 transformers are overloaded for N-2 outages.

Canceled Projects: JCPL Proposal 17

- Rebuild approximately 0.8 miles of the D1018 (Clarksville-Lawrence 230 kV) line between Lawrence substation (PSEG) and structure No. 63 (b3737.27)
- Reconductor Kilmer I-Lake Nelson I 230 kV (b3737.28)
- Additional reconductoring required for Lake Nelson I-Middlesex 230 kV (b3737.31)
- Middlesex substation 230 kV – Replace the 2000A circuit switcher at Middlesex switch point for the Lake Nelson I1023 230 kV exit. (b3737.55)

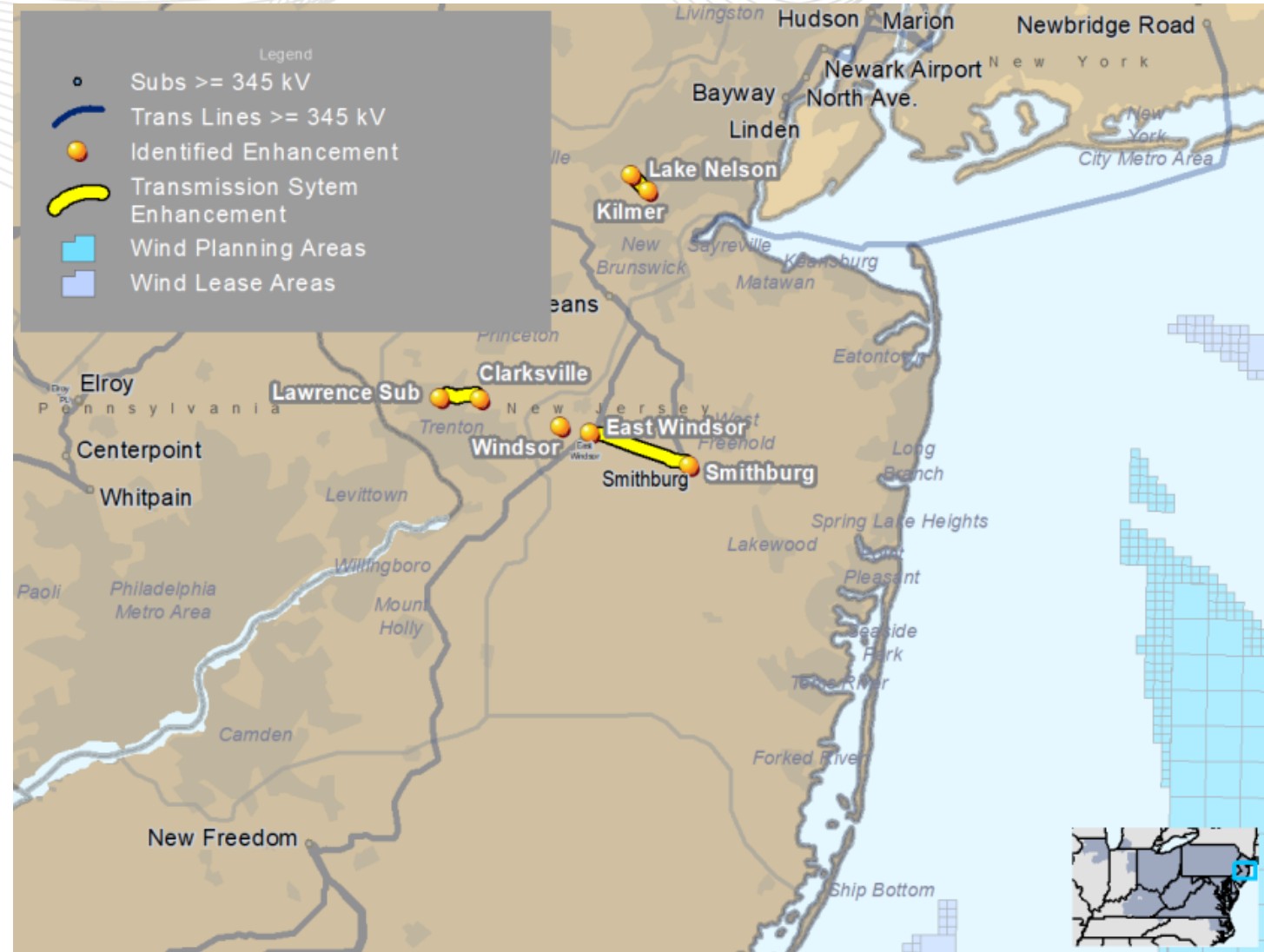
Required IS Date (b3737.27-.28, .31, .55): 6/1/2029

- Convert the six-wired East Windsor-Smithburg E2005 230 kV line (9.0 mi.) to two circuits. One a 500 kV line and the other a 230 kV line (b3737.29)
- Windsor to Clarksville subproject: Upgrade terminal equipment at Windsor 230 kV. (b3737.59)

Required IS Date (b3737.29, .59): 12/31/2028 - 6/1/2029

- Add third Smithburg 500/230 kV transformer (b3737.30)

Required IS Date (b3737.30): 12/31/2027





JCPL Transmission Zone: NJ SAA Baseline Project Cancellations

Driver: Public Policy

Criteria: Summer & Winter Generator Deliverability

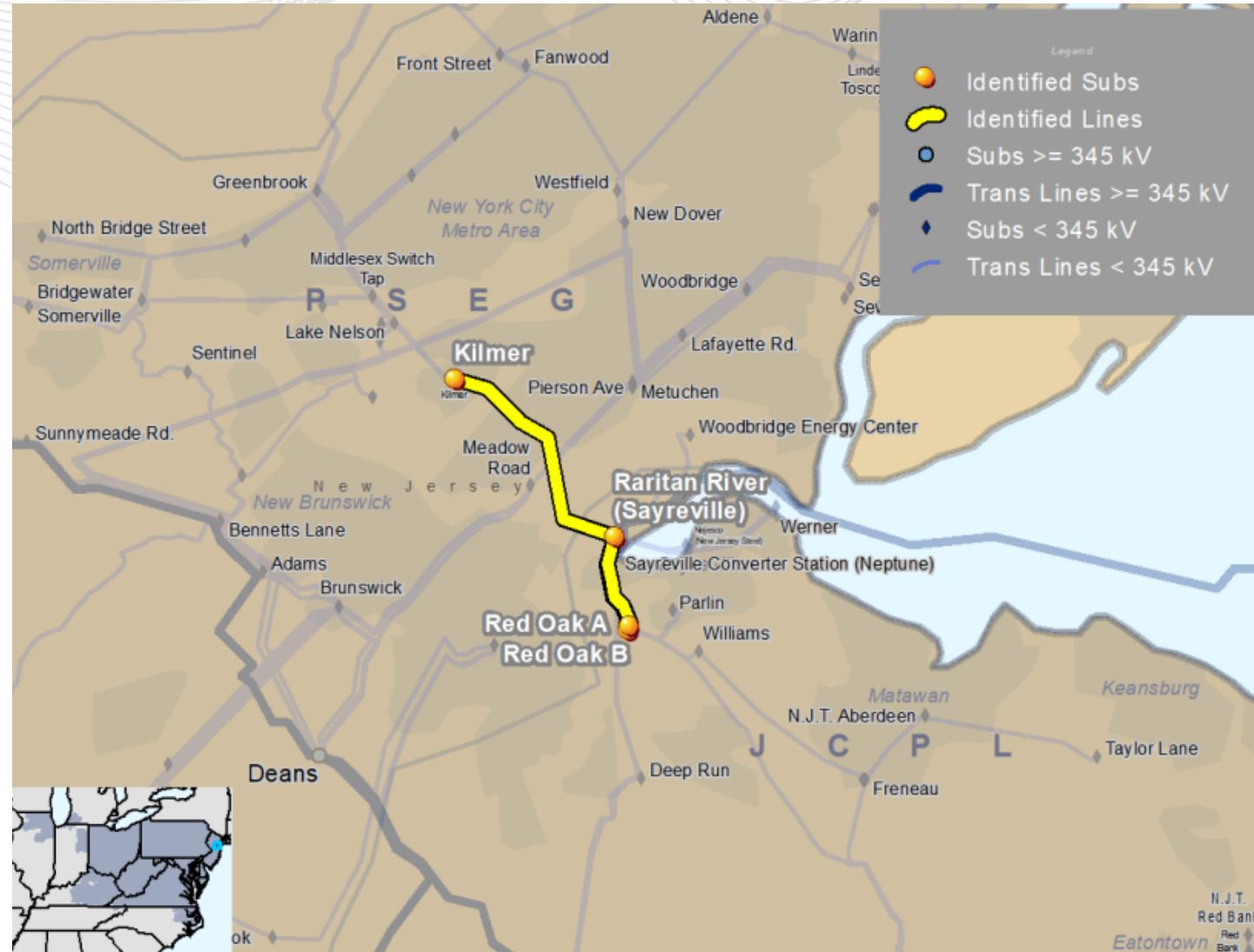
Problem Statement:

The Raritan River-Kilmer I 230 kV line is overloaded for an N-1 outage, and the Raritan River-Kilmer W 230 kV, Red Oak A-Raritan River 230 kV and Red Oak B-Raritan River 230 kV lines are overloaded for N-2 outages.

Canceled Projects:

- Reconductor Red Oak A-Raritan River 230 kV (b3737.33)
- Reconductor Red Oak B-Raritan River 230 kV (b3737.34)
- Reconductor small section of Raritan River-Kilmer I 230 kV (b3737.35)
- Replace substation conductor at Kilmer and reconductor Raritan River-Kilmer W 230 kV (b3737.36)

Required IS Date (b3737.33-.36): 6/1/2029





LS Power NJ SAA Baseline NJ Project Cancellations

Driver: Public Policy

Criteria: Winter Generator Deliverability

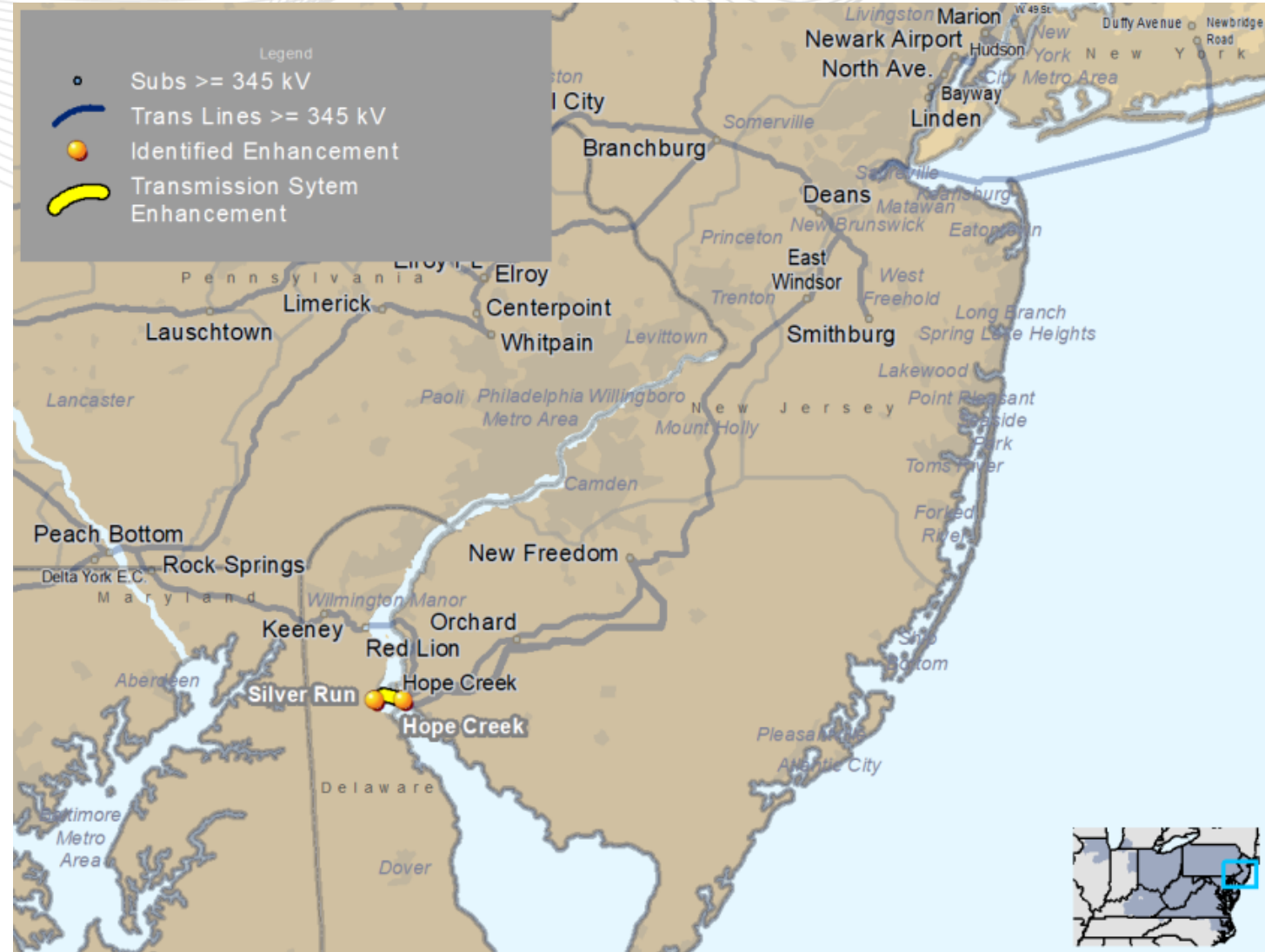
Problem Statement:

The Hope Creek-LS Power Cable East 230 kV No. 1 and No. 2 lines are overloaded for an N-1 outage, and the LS Power Cable East-LS Power Silver Run 230 kV line is overloaded for an N-2 outage.

Canceled Project: LS Power Proposal 229

- Add a third set of submarine cables, rerate the overhead segment, and upgrade terminal equipment to achieve a higher rating for the Silver Run-Hope Creek 230 kV line (b3737.37)

Required IS Date (b3737.37): 6/1/2029





PSEG Transmission Zone: NJ SAA Baseline Project Cancellations

Driver: Public Policy

Criteria: Summer Generator Deliverability

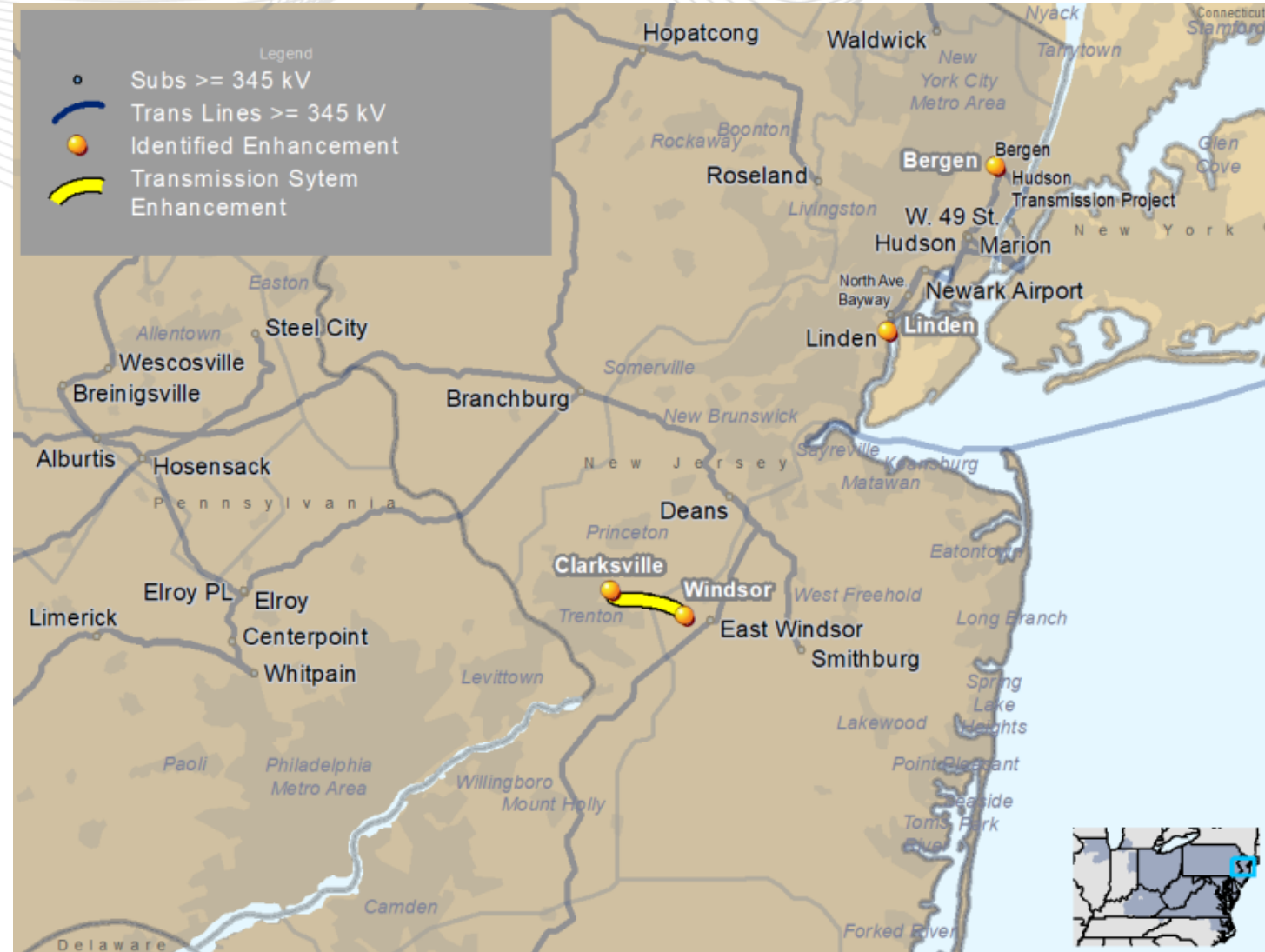
Problem Statement:

Windsor-Clarksville 230 kV lines are overloaded for N-2 outages.

Canceled Project: PSEG Proposal 180

- Windsor to Clarksville subproject: Reconductor one span of the C1017 (Clarksville-Windsor) 230kV line from structure #126 to Windsor Substation with double bundled 1590 ACSR conductor, approximately (0.1) mile (b3737.40)

Required IS Date (b3737.40): 6/1/2029





PSEG Transmission Zone: NJ SAA Baseline Project Cancellations

Driver: Public Policy

Criteria: Summer & Winter Generator Deliverability

Problem Statement:

The Kilmer-Lake Nelson I and W 230 kV lines are overloaded for an N-1 and an N-2 outage, and the Lake Nelson-Middlesex-Greenbrook W 230 kV line is overloaded for an N-1 outage.

Canceled Projects:

- Upgrade inside plant equipment at Lake Nelson I 230 kV (b3737.42)
- Upgrade Kilmer W-Lake Nelson W 230 kV line drop and strain bus connections at Lake Nelson 230 kV (b3737.43)
- Upgrade Lake Nelson-Middlesex-Greenbrook W 230 kV line drop and strain bus connections at Lake Nelson 230 kV (b3737.44)

Required IS Date (b3737.42-44): 6/1/2029



Driver: Public Policy

Criteria: Winter Generator Deliverability

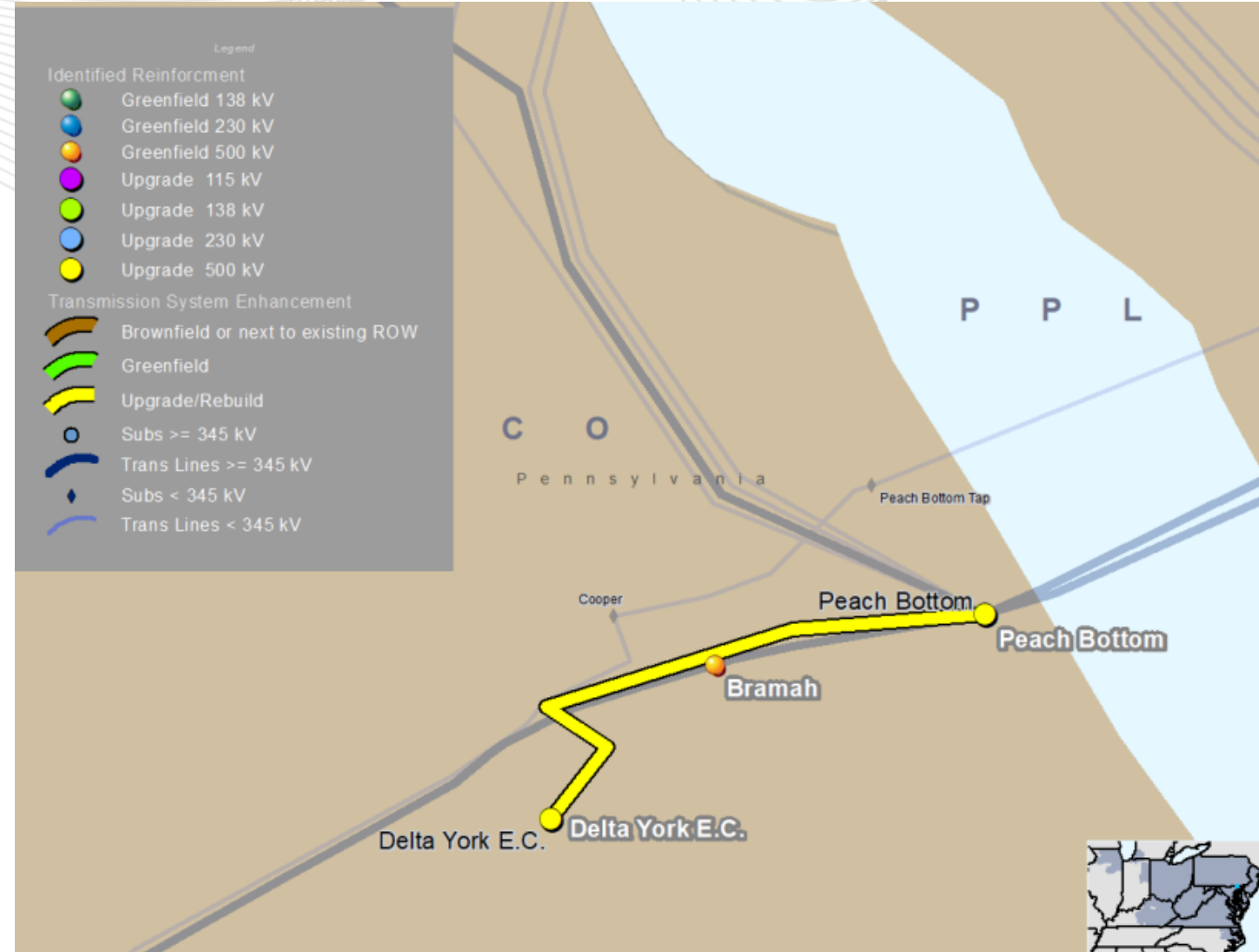
Problem Statement:

The Peach Bottom-Conastone 500 kV, Peach Bottom-Furnace Run 500 kV, Furnace Run-Conastone 230 kV No. 1 and 2 lines and Furnace Run 500/230 kV No. 1 and 2 transformers are overloaded for N-1 outages

Canceled Project: Proposal 63

Bring the Peach Bottom-Delta York 500 '5034' kV line "in and out" of Bramah substation by partially demolishing the 5034 line to construct a new Peach Bottom – Bramah – Delta York 500 kV line, with 0.87 miles of cut-in and cut-out lines. (b3737.50)

Required IS Date : 6/1/2029



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Reliability Analysis Update

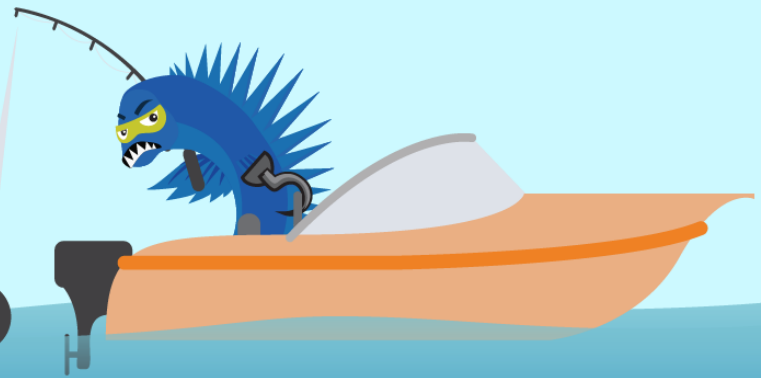
Version No.	Date	Description
1	May 5, 2026	<ul style="list-style-type: none"><li data-bbox="766 376 1166 419">• Initial slides posted

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