TEAC Update

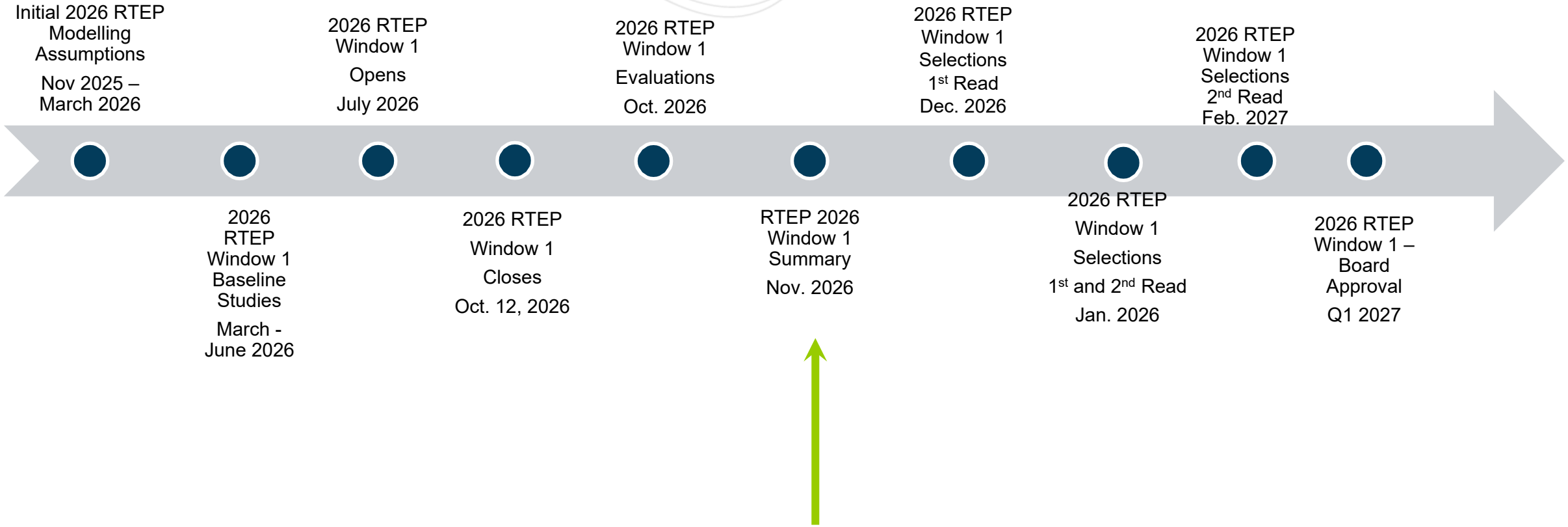
Augustine Caven
Sr. Manager, Transmission Policy & Project Management

ISAC
November 16, 2026

Disclaimer: While materials are current at the time of publishing, applicable requirements may change. PJM Governing Documents control.

PJM © 2026

2026 RTEP Window 1 – Timeline



PJM © 2026

2026 RTEP Window 1 – Proposal Overview

- 72 Proposals from 14 entities (6 non-incumbent and 8 incumbent)
  - 54 Greenfield Proposals
  - 18 Upgrade Proposals
- Proposal Cost Estimate: Approximate range from $0.7M to $4.5B; total combine window cost $66.3B
- 61 proposals with cost containment (some are Hard-capped)
- Grid Enhancing Technologies in most proposals
  - HVDC (11 proposals)
  - Advanced Conductors

PJM © 2026

2026 RTEP Window 1 – Progress

- Maps for all proposals are being created
- Deficiency review (First round is complete)
  - Entities have been notified of deficiencies
  - PJM is waiting for responses back
- PJM and developer meetings
- The Generation Deliverability studies have been started for projects that are complete (non-deficient)
- PJM is targeting to bring proposals for first read for competitive baseline projects starting from the Dec. TEAC meeting and non-competitive baseline projects starting from the Nov. SRRTEP meeting

PJM © 2026

2024 RTEP Window 1 - Changes

RTEP ID	Project Description	Entity	Original Cost Estimate ($M 2024)[1]	Updated Cost Estimate ($M 2026)	Original ISD	Revised ISD
b4000.2	Construct a new 175 miles Amos to Welton Spring 765 kV line. (AEP Section of the line is 30 miles)	VLT WV	150.00	277.79	6/1/2029	5/31/2031
b4000.3	Construct a new 175 miles Amos to Welton Spring 765 kV line. (APS/FE Section of the line is 145 miles)	VLT WV	725.00	1,356.28	6/1/2029	5/31/2031
b4000.4	Construct a new 765 kV switchyard (Welton Spring)	VLT WV	92.28	145.68	6/1/2029	5/31/2031
b4000.5	Install four 250 MVAR shunt capacitors, and a +/-500 MVAR STATCOM at Welton Spring 765 kV substation	VLT WV	121.54	193.11	6/1/2029	5/31/2031
b4000.6	Construct a new 86 miles Welton Spring to Rocky Point 765 kV line (Welton Spring to DVP local area, roughly 21 miles) (VA Portion)	VLT VA	105.00	293.00	6/1/2029	5/31/2031
b4000.7	Construct a new 86 miles Welton Spring to Rocky Point 765 kV line (in DVP local area/Millville to Lovettsville section, roughly 10.5 miles)	VLT VA	52.50	144.31	6/1/2029	5/31/2031
b4000.8	Construct a new 86 miles Welton Spring to Rocky Point 765 kV line (DVP local area to Rocky Point, roughly 4.8 miles)	VLT MD	24.00	59.61	6/1/2029	5/31/2031
b4000.9	Construct a new substation called Rocky Point with a 765 kV and a 500 kV yard. Loop in the Doubs-Goose Creek 500 kV line, the Doubs-Aspen 500 kV line, and the Woodside-Goose Creek 500 kV line. Install two 765/500 kV transformer at Rocky Point substation	VLT MD	254.70	316.32	6/1/2029	5/31/2031
b4000.10	Install four 250 MVAR cap banks (two on 765 and two on 500 kV side) and a +/-500 MVAR STATCOM on the 765 kV Rocky Point yard	VLT MD	121.00	148.86	6/1/2029	5/31/2031
b4000.15	Construct a new 86 miles Welton Spring to Rocky Point 765 kV line (Welton Spring to DVP local area, roughly 50 miles) (WV Portion)	VLT WV	248.50	478.58	6/1/2029	5/31/2031
b4000.348	Build a new 500/230kV substation called Thornburg. The 500kV, 5000A ring bus will be set up for a redundant breaker configuration. Install (2) 1400MVA 500/230 kV transformers. A new redundant breaker ring will be added at Thornburg to accommodate the new 500kV line from North Anna to Thornburg.	VLT VA	84.41	142.80	6/1/2029	1/18/2030
b4000.355	Build a new 115 mile 765kV line from Joshua Falls – Yeat. (Roughly 1 mile in AEP section).	VLT VA	341.17	11.88	6/1/2029	1/17/2031
b4000.356	Build a new 115 mile 765kV line from Joshua Falls – Yeat. (Roughly 114 miles in Dominion section).	VLT VA	426.83	1,176.44	6/1/2029	1/17/2031
b4000.357	Build a new 765/500KV substation called Yeat. Install (2) 765/500 kV transformers. Cut in 500kV line Spotsylvania – Morrisville into Yeat.	VLT VA	197.10	370.34	6/1/2029	1/17/2031
Total			**$2,944.03**	**$5,115.00**		

Refer to the materials from the TEAC meeting for further details and supporting information (link)

PJM © 2026

2024W1 RTEP Constructability Review – VLT Projects

- PJM third party, independent constructability and cost estimate review at the time (2024) already expected higher costs and delays to the project schedule.
  - Financial review indicated a potential 20% or more cost increase from submitted estimates at the time.
- PJM 2024 W1 RTEP Constructability Report is available at;
  - https://www.pjm.com/-/media/DotCom/committees-groups/committees/teac/2025/20250304/20250304-2024-rtep-window-1-constructability--financial-analysis.pdf
- Project timeline risks were identified given the length of greenfield developments involved leading to land acquisition, regulatory and stakeholder engagement impacts/delays.
- PJM remains supportive of the project(s), given current need level as informed by continued need for the projects addressing load growth and anticipated generation/bulk regional flow needs.

PJM © 2026

Contact

Presenter:
Augustine Caven
Augustine.Caven@pjm.com

TEAC Update



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com

PJM © 2026

PROTECT THE POWER GRID

THINK BEFORE YOU CLICK!

pjm





BE ALERT TO MALICIOUS PHISHING EMAILS

Report suspicious email activity to PJM.

Call (610) 666-2244 or email it_ops_ctr_shift@pjm.com

PJM © 2026