



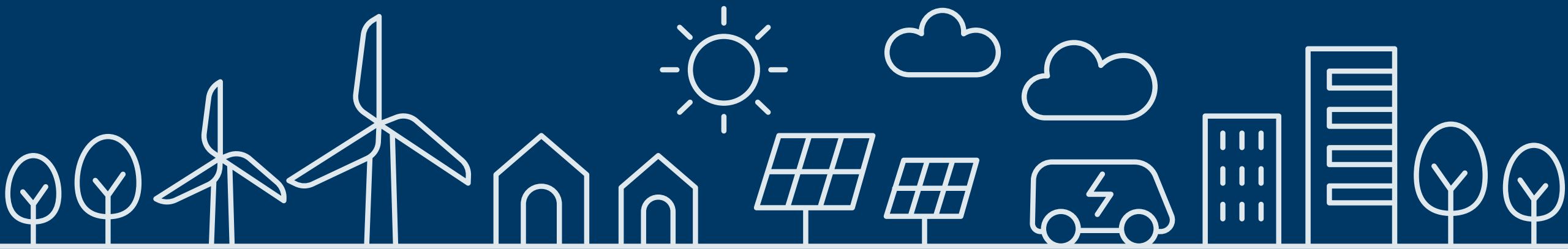
GREAT PLAINS
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IRP Post-Filing Meeting

*Dominion Energy Virginia and North Carolina
2026 Integrated Resource Plan (IRP)*

Wednesday, October 21st, 2 p.m. – 3 p.m. ET



This Webinar Is Being Recorded

Please note that this webinar is being recorded.

By continuing to participate in this webinar, you acknowledge that you have been informed of the recording and consent to being part of this recording. If you do not consent, you have the option to not attend this meeting.

A recording of this presentation will be posted on the IRP Stakeholder Process website:

<https://devirp.dominionenergy.com/stakeholder-materials>.



Meeting Objectives

1. Review the 2026 Virginia and North Carolina Integrated Resource Plan (IRP)
2. Review the results of the Stakeholder Input Case
3. Conclude the 2026 IRP Stakeholder Engagement Process



Meeting Logistics

1. Today's meeting will present an educational overview of the 2026 IRP as filed on October 15.
2. Interactive features in Webex have been disabled.
3. Please note that Q&A for the 2026 IRP has closed.
4. Stakeholders can download a copy of the IRP at <https://www.dominionenergy.com/about/our-company/irp>



Virginia & North Carolina

 [2026 Integrated Resource Plan Update →](#)[2025 Integrated Resource Plan Update →](#)[2024 Integrated Resource Plan →](#)

View Dominion Energy Virginia and Dominion Energy North Carolina's Integrated Resource Plan

[Integrated Resource Plan Stakeholder Process →](#)

Learn more about Dominion Energy Virginia and Dominion Energy North Carolina's Integrated Resource Plan Stakeholder Process.

Engagement Schedule

Date	Event	Format	Topic
March	Topics of Interest Scoping Survey	N/A	Stakeholder feedback on IRP outcomes and engagement process outcomes
April 17	Kickoff Webinar	Virtual	Introductions and scoping survey review
April 29	Modeling Meeting 1	Virtual	Modeling process and timeline, load forecasting
May 8	IRP Conference 1	Hybrid	Understanding cost and affordability drivers
May 27	Modeling Meeting 2	Virtual	Transmission and distribution
June 12	IRP Conference 2	Hybrid	Energy and capacity resources
June 26	Modeling Meeting 3	Virtual	Energy and capacity resources, discussion of Stakeholder Input Case survey
July 15 - 29	Stakeholder Input Case Survey	N/A	Survey to inform the 2026 Stakeholder Input Case
August 14	Survey Results Meeting	Virtual	Overview of stakeholder input survey results
October 21	IRP Post-Filing Meeting	Virtual	Overview of filed IRP



Meet the GPI Facilitation Team



Trevor Drake
VP, Energy Systems



Val Stori
Senior Policy
Manager



Hallie Turner
Policy Associate



Audrey Negro
Meeting &
Administrative
Associate



The Great Plains Institute is an organization of leaders and experts dedicated to engaging and collaborating with people, organizations, and communities to craft nonpartisan, pragmatic energy solutions that benefit people, the economy, and the environment.

Meet the Dominion Energy IRP Stakeholder Engagement Team



Lisa Crabtree
Director,
Strategic Planning



Maria Pia Tamburri
Vice President,
Intergovernmental
Affairs



Amanda Prestage
General Manager,
Regulatory Affairs



Jarad Morton
Manager,
Integrated Strategic
Planning

Safety Moment: Night Driving & Halloween Safety

As Halloween approaches and daylight fades earlier, nighttime driving demands extra caution, especially with children out trick-or-treating in unpredictable costumes and conditions.

- **Watch for children in dark costumes or clothing:** Kids may be hard to see and behave unpredictably. Slow down in residential areas and near crosswalks.
- **Be alert earlier in the evening:** With daylight fading sooner, visibility drops during peak trick-or-treat hours. Use headlights early and stay vigilant.
- **Reduce glare:** Clean your windshield inside and out to minimize glare from oncoming headlights and streetlights.
- **Drive cautiously and avoid distractions:** Stay off your phone and be prepared to stop suddenly, especially in neighborhoods with heavy foot traffic.

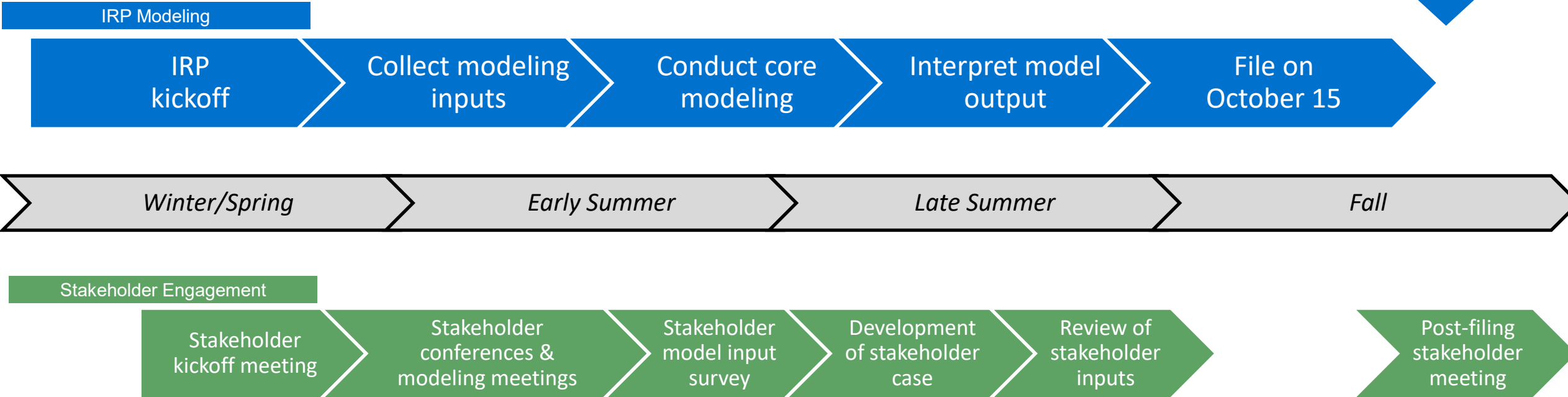


2026 IRP Overview



IRP Modeling Process:

Timeline Overview



Understanding the Integrated Resource Plan (IRP)

Purpose, Boundaries, and Guardrails

What is the IRP?

- A **long-range (20-year) reliability planning document**, filed in Virginia and North Carolina, that evaluates how customer needs could be met over time
- An **analytical framework** used to test assumptions, constraints, and resource portfolios — including generation, transmission, and distribution considerations
- A **snapshot in time** used to assess reliability, affordability, emissions, and system tradeoffs under current laws and varying future conditions

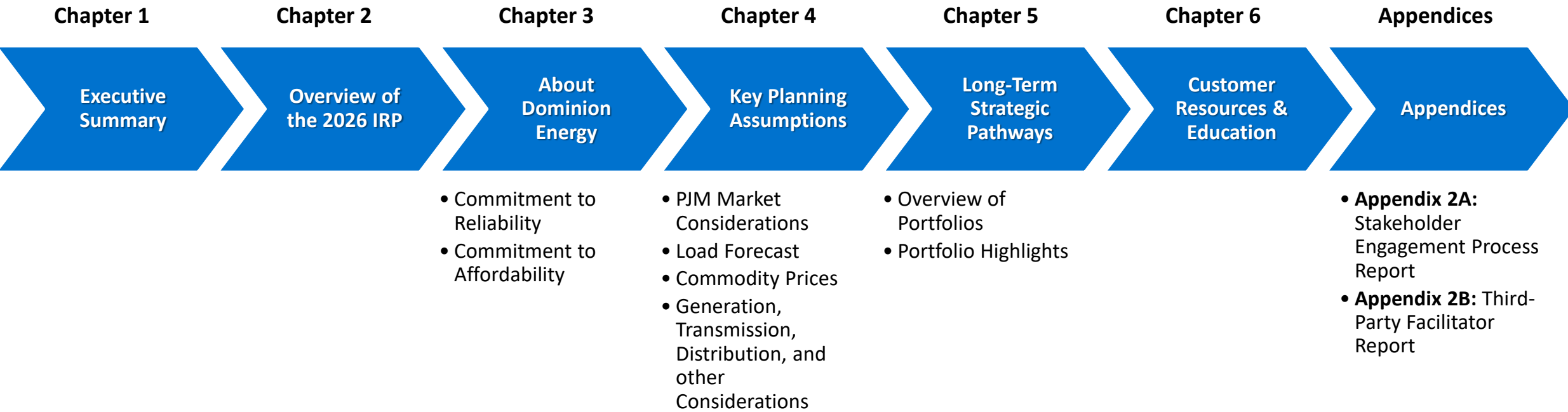
Regulatory & Policy Context

- Developed within statutory and regulatory requirements in Virginia and North Carolina
- Requirements evolve over time as laws, orders, and market rules change
- Each IRP reflects the rules in effect at filing, with updates incorporated in future IRPs

What the IRP Is Not

- A request for approval of a near-term construction plan
- A filing that authorizes projects, programs, or cost recovery
- A prediction of exactly how the system will evolve over the next 20 years

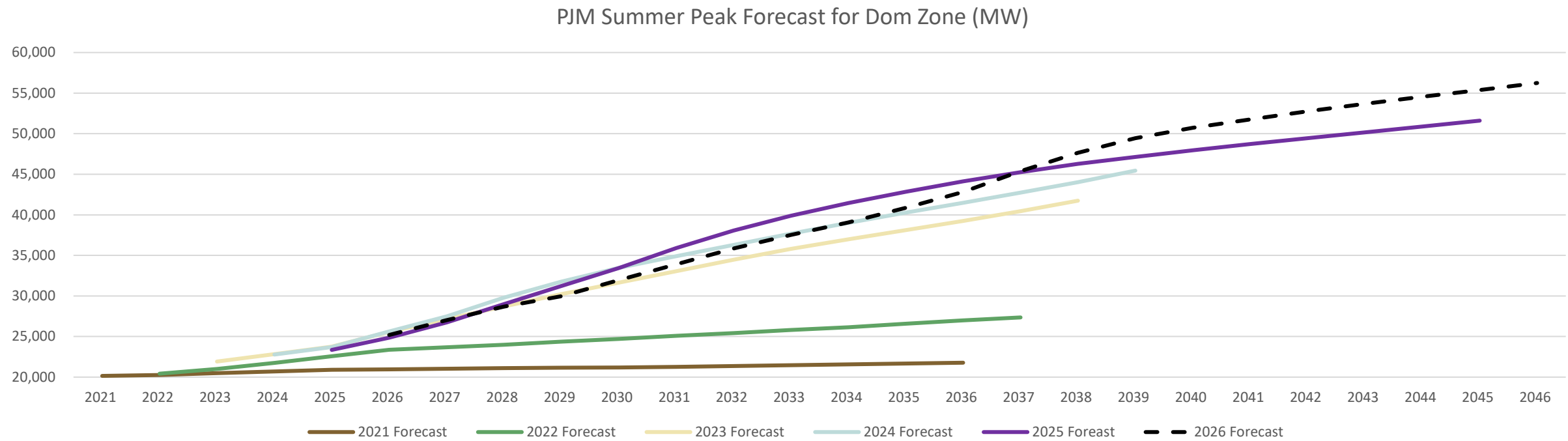
2026 IRP Document Outline



VA/NC IRP Key Planning Assumptions Summary

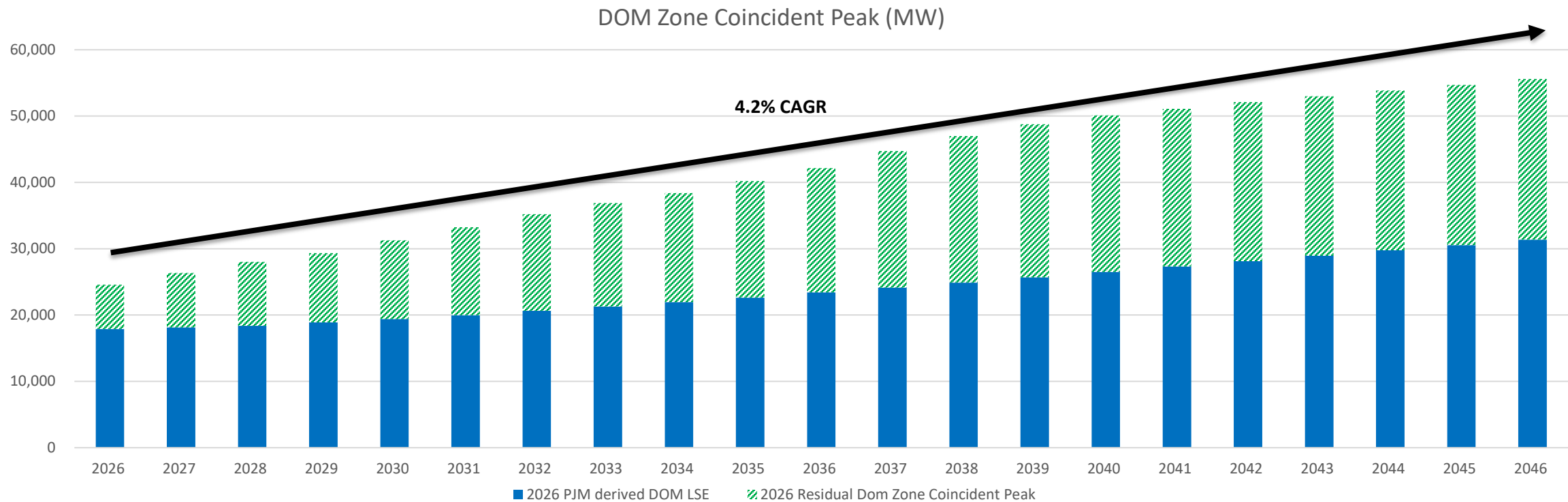
Key Metrics	2026	2025
Format	VA – IRP Update NC – Full IRP	IRP Update
IRP Plan Timeframe	20 years	20 years
PJM Dom Zone Load Growth (Coincident Peak)	4.2% (20-Yr CAGR)	4.1% (20-Yr CAGR)
PJM Derived Dom LSE Load Growth (Coincident Peak)	2.8% (20-Yr CAGR)	2.5% (20-Yr CAGR)
Dom Zone Capacity Import Limit (Purchases)	20% of LSE Load ramping down to 10%	20% of LSE Load ramping down to 10%
Retirements	None chosen in Preferred Plan; Retirement Plan includes glide path	None chosen in Preferred Plan; Retirement Plan includes glide path

PJM Summer Peak Forecast Comparison for DOM Zone (YOY)



PJM’s 2026 Load Forecast for the DOM Zone increased in the out years for the fifth year in a row relative to the prior year’s forecast. Changes in the data center load forecast continue to be a key driver for the year-over-year (YOY) changes in the PJM DOM Zone load forecast.

PJM Load Forecast for Coincident Peak for the DOM Zone



The DOM Zone is comprised of the DOM LSE and non-DOM LSE portions (the latter the “Residual DOM Zone”). Overall, the 20-year CAGR for the DOM Zone is 4.2% (DOM LSE forecasted to grow at a 2.8% CAGR and the Residual DOM Zone forecasted to grow at a 6.7% CAGR). Coincident peak is defined as the demand on the DOM Zone system that occurs during the PJM RTO peak, in contrast to non-coincident peak, which would be the peak demand for the LSE.

2026 IRP: High-Level Summary of Portfolios

Portfolios by Group

Company Selected	VA SCC/NCUC Orders	2026 GA Legislation	VA SCC Order			NCUC Order	VA SCC Order
Company Preferred Plan	Forced Retirements by 2045	Forced Full Storage*	Virginia Staff Directed: Without Targets*	Virginia Staff Directed DC Load Growth Restriction*	Virginia Staff Directed Selected Model Inputs*	NC Public Staff Directed Select Build Limits	Locational Model*

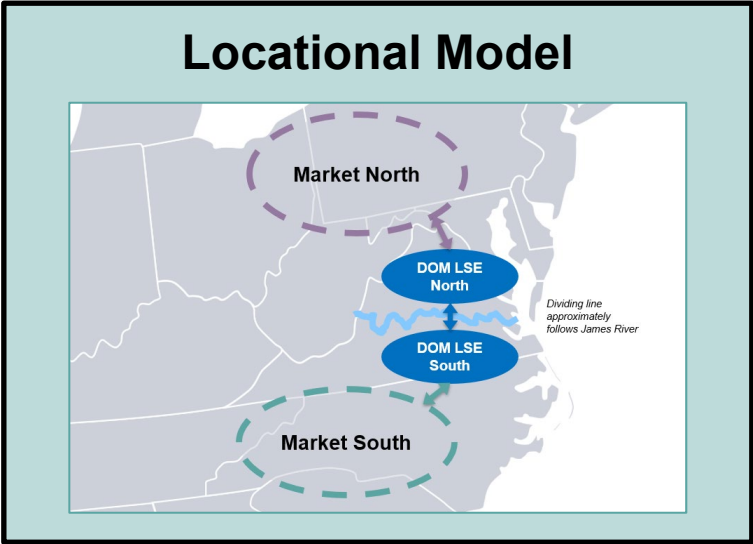
* New portfolio this year

Sensitivities

Load Forecast Sensitivities
<ul style="list-style-type: none">High load forecastLow load forecastCompany load forecast

Portfolio Sensitivities
<ul style="list-style-type: none">Least-cost RPSHigh fuelLow fuelHigh capital construction costLow capital construction cost

All sensitivities assume normal weather



Portfolio Modeling Assumptions Summary

* New portfolio this year

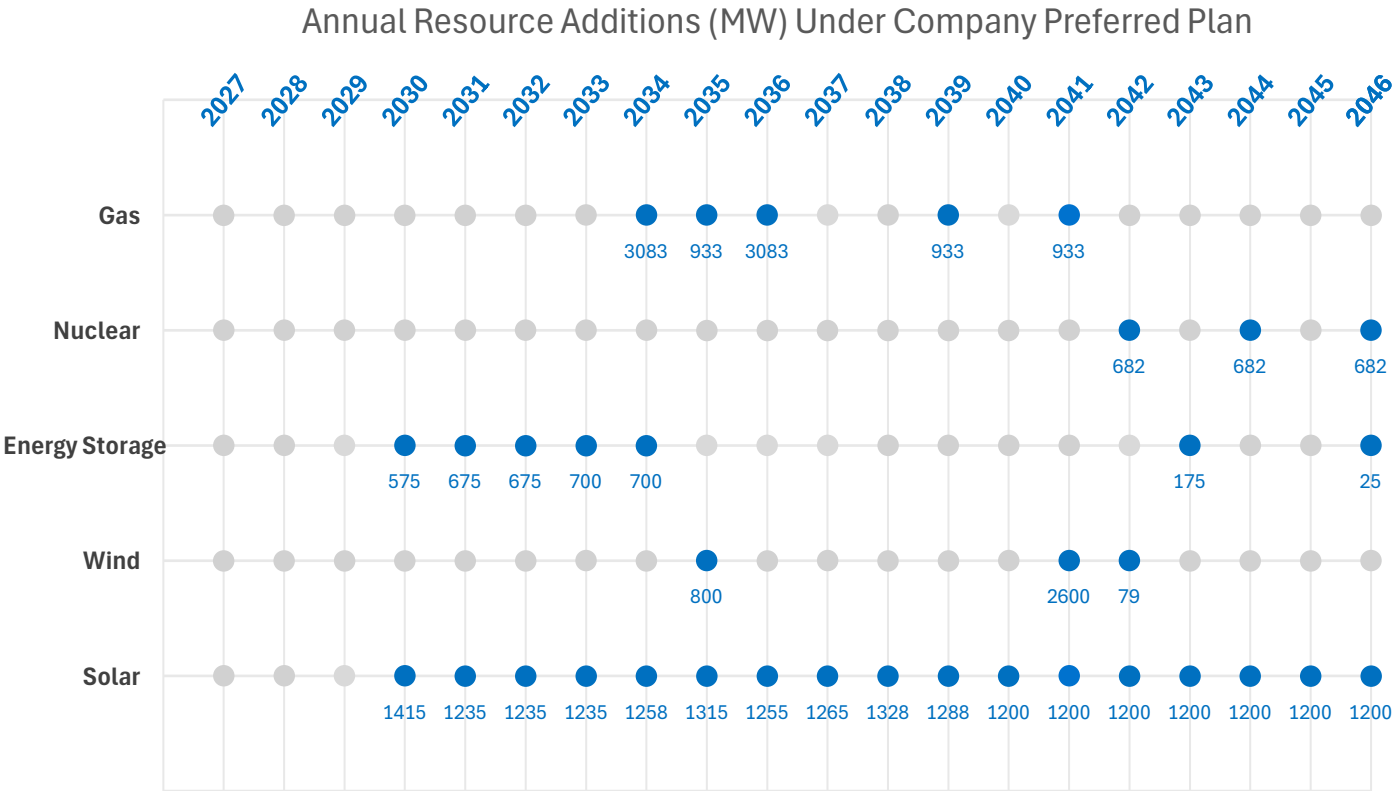
Plan Name	Company Preferred Plan	Forced Retirements by 2045	Forced Full Storage*	Virginia Staff Directed: Without Targets*	Virginia Staff Directed DC Load Growth Restriction*	Virginia Staff Directed Selected Model Inputs*	NC Public Staff Directed Select Build Limits	Locational Model*
Requirement	Company Selected	VA SCC/NCUC Orders	2026 GA Legislation	VA SCC Order	VA SCC Order	VA SCC Order	NCUC Order	VA SCC Order
RGGI	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Load Forecast	PJM	PJM	PJM	PJM	PJM w/Restricted DC Load Growth in VA	PJM	PJM	PJM w/ Company-derived apportionments
Commodity Price Forecast	Base	Base w/ Retirements	Base	Base w/o VCEA	Base w/Restricted DC Load Growth in VA	Base	Base	Base
EE Targets (27/28)	Yes	Yes	Yes	Yes	Yes	Unforced	Yes	Yes
Retirements	Economic	Forced	Economic	Economic	Economic	Economic	Economic	Economic
Other	NA	NA	Additional storage targets (SB448/HB895)	W/o VCEA-directed build limits and RPS program requirements	NA	PPA gas unit as a selectable resource	Delayed nuclear	NA

Visual Build Plan: Company Preferred Plan

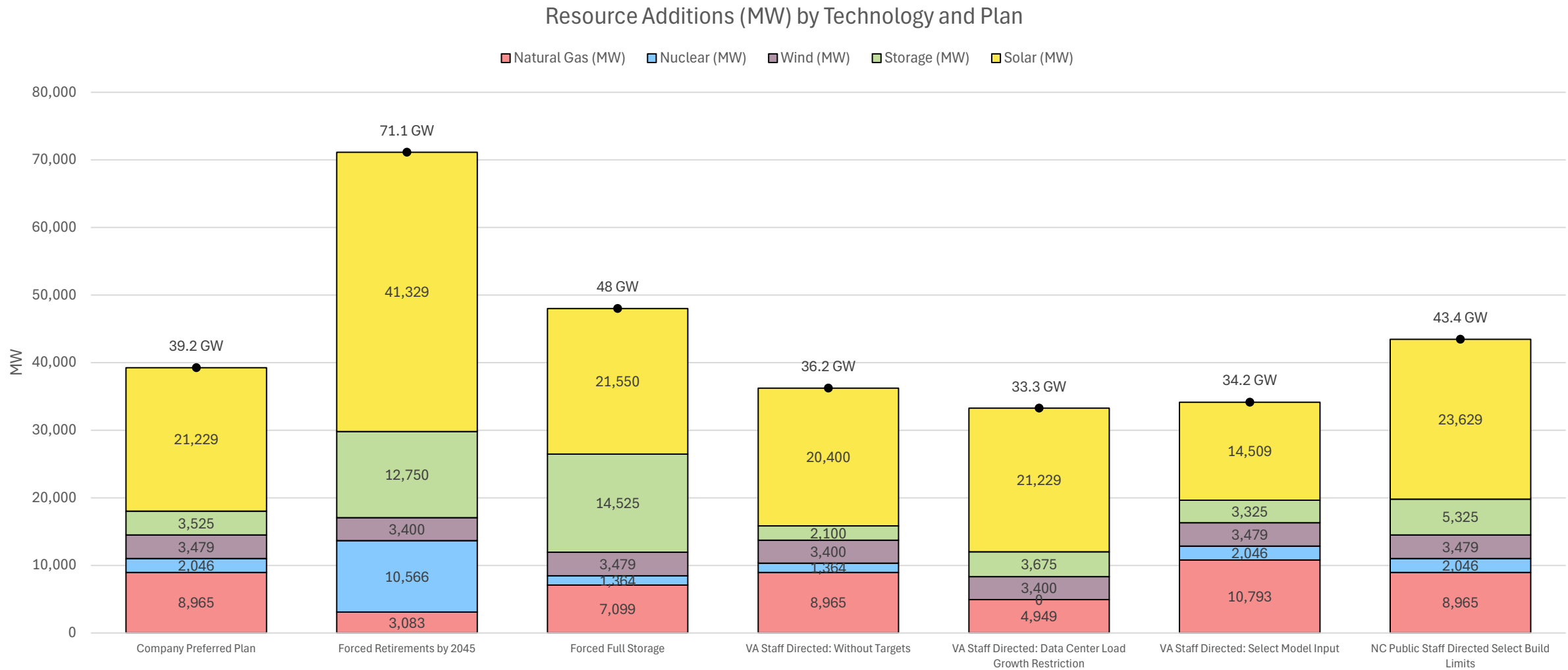
2026 IRP Company Preferred Plan Highlights

- Continued significant demand growth projections for the Company’s delivery zone (DOM Zone) within the area served by PJM, the regional transmission organization.
- Includes the significant development of solar, wind, and energy storage resources envisioned by the Virginia Clean Economy Act.
- Pre-programs deployment of the 4,000 megawatts of short-duration energy storage now required by law to be petitioned for by 2030, after accounting for storage capacity previously included in annual Clean Energy petitions.
- Preserves existing carbon-emitting generation and includes new dispatchable resources to address capacity and system reliability needs.
- The 2026 IRP reinforces the finding from prior iterations that more “dispatchable” resources, including natural gas and advanced nuclear, will be needed to preserve reliability.

Total MW Additions Throughout Build Plan						
	Solar	Wind	Storage	Natural Gas	Nuclear	Totals in 2046
Company Preferred	21,229	3,479	3,525	8,965	2,046	39,244



Build Plan Summary Comparison (by Resource Type)



Modeling Results Summary

	Company Preferred Plan	Forced Retirements by 2045	Forced Full Storage	VA Staff Directed: Without Targets	VA Staff Directed: Data Center Load Growth Restriction	VA Staff Directed: Select Model Input	NC Public Staff Directed Select Build Limits
Total Plan Cost (\$B, \$2026 NPV)	183.4	206.9	189.8	144.5	159.0	184.0	183.5
Construction CAPEX - (\$B, \$2026)	91.5	224	112.5	61.3	66.6	92.6	91.7
Total Plan New Resource Build (GW)	39.2 GW	71.1 GW	48 GW	36.2 GW	33.3 GW	34.2 GW	43.4 GW
Solar (MW)	21,229	41,329	21,550	20,400	21,229	14,509	23,629
Wind (MW)	3,479	3,400	3,479	3,400	3,400	3,479	3,479
Storage (MW)	3,525	12,750	14,525	2,100	3,675	3,325	5,325
Nuclear (MW)	2,046	10,566	1,364	1,364	0	2,046	2,046
Natural Gas (MW)	8,965	3,083	7,099	8,965	4,949	10,793	8,965
Retirements (MW)	0	-11,590	0	0	0	0	0
CO₂ (million tons) in final modeled year (2046)	47	14.1	48.2	56.7	25.9	51.4	46.3

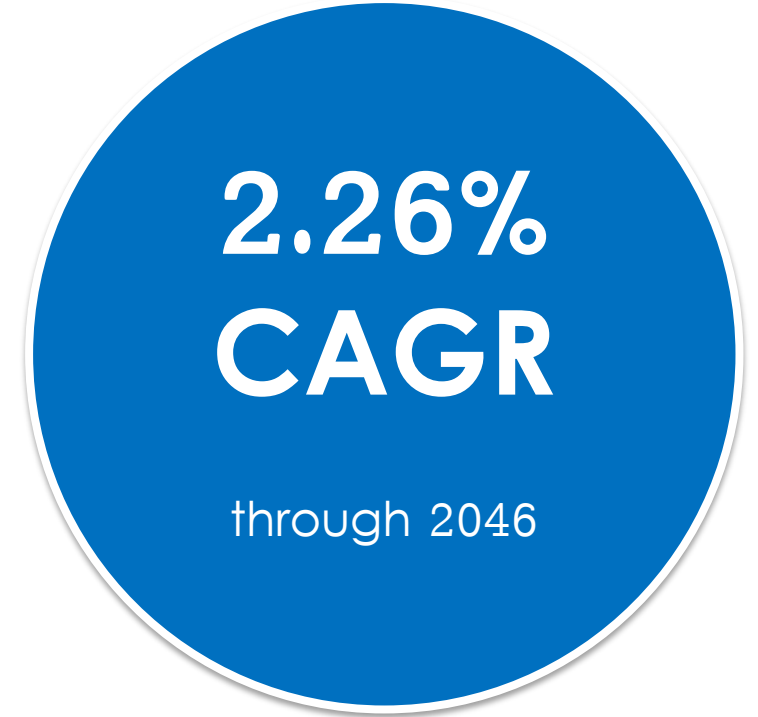
For all modeling result summaries, Construction CAPEX represents incremental capital investment for generic resources selected in portfolio.

For all modeling result summaries, this represents approximate CO₂ emissions from the Company in 2046 (tons).

Monthly Residential Customer Bill Analysis

As compared to October 2026, the typical* monthly bill under the Company Preferred Plan:

- \$180.31 (10/2026) vs. \$258.03 (2036) yields **3.56%** compound annual growth rate (CAGR)
- \$180.31 (10/2026) vs. \$283.65 (2046) yields **2.26%** CAGR



*1,000 KWh per month, Company Methodology

2026 Stakeholder Input Case

Review: 2026 Stakeholder Input Case

	Survey Results
Energy Efficiency Targets	Increase EE savings targets up to 50% above existing targets
RPS Program	Pre-program the model to meet the RPS Program requirements of the VCEA
REC Purchase Limit	30% (consistent with Company-Preferred Plan)
Required Development & Ownership Targets	Yes, require minimum development and ownership targets consistent with the VCEA
Capacity Purchase	Align with Company-Preferred Portfolio
Energy Import	Align with Company-Preferred Portfolio
Mandating Fossil Retirements	A glide-path to retirement of carbon-emitting resources by 2045, consistent with the requirements of the VCEA

	Survey Results cont.
Solar Build Limits (annual)	Double the limits of the Company Preferred Plan
Storage Build Limits (annual)	Double the limits of the Company Preferred Plan
Hybrid Solar + Storage Technology	Allow a hybrid solar + storage unit
On-shore Wind Build Limits (total plan)	Double the limits of the Company Preferred Plan
Offshore Wind Build Limits (total plan)	TIE*
Nuclear Technology	Allow Large-Scale Nuclear and SMRs
Natural Gas Technology	No, do not allow ANY new natural gas resources to be built



Visual Build Plan: Stakeholder Input Case

Challenges with the 2026 Stakeholder Input Case:

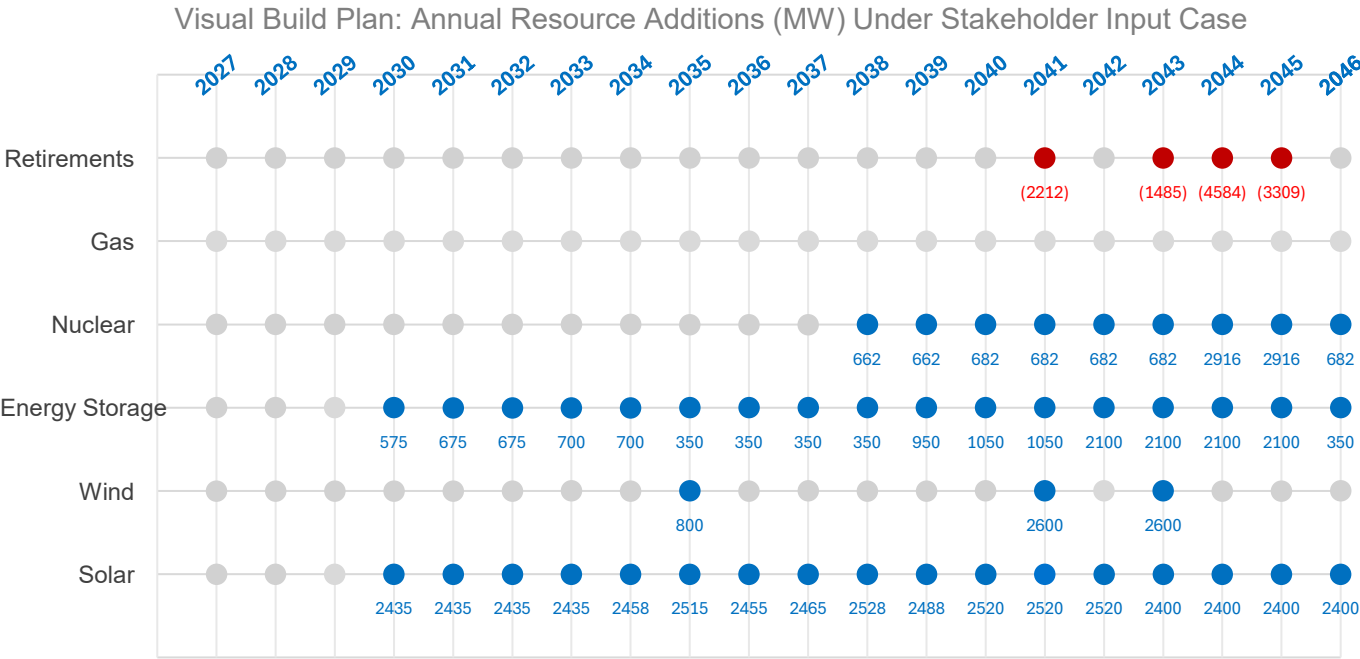
- Increased build limits for solar, storage, SMRs to infeasible levels.
- Assumption that appropriate location(s) would be available for new large-scale nuclear units.
- Incremental cost of new units makes this plan financially uncompetitive from an affordability perspective (see Forced Retirements by 2045).

Reliability Concern:

- When run through the short-term version of the PLEXOS model, the Stakeholder Input Case experienced occurrences of unserved energy*, including during the summer peak months (Jun-Aug), indicating that this plan may not ensure reliable service to our customers.

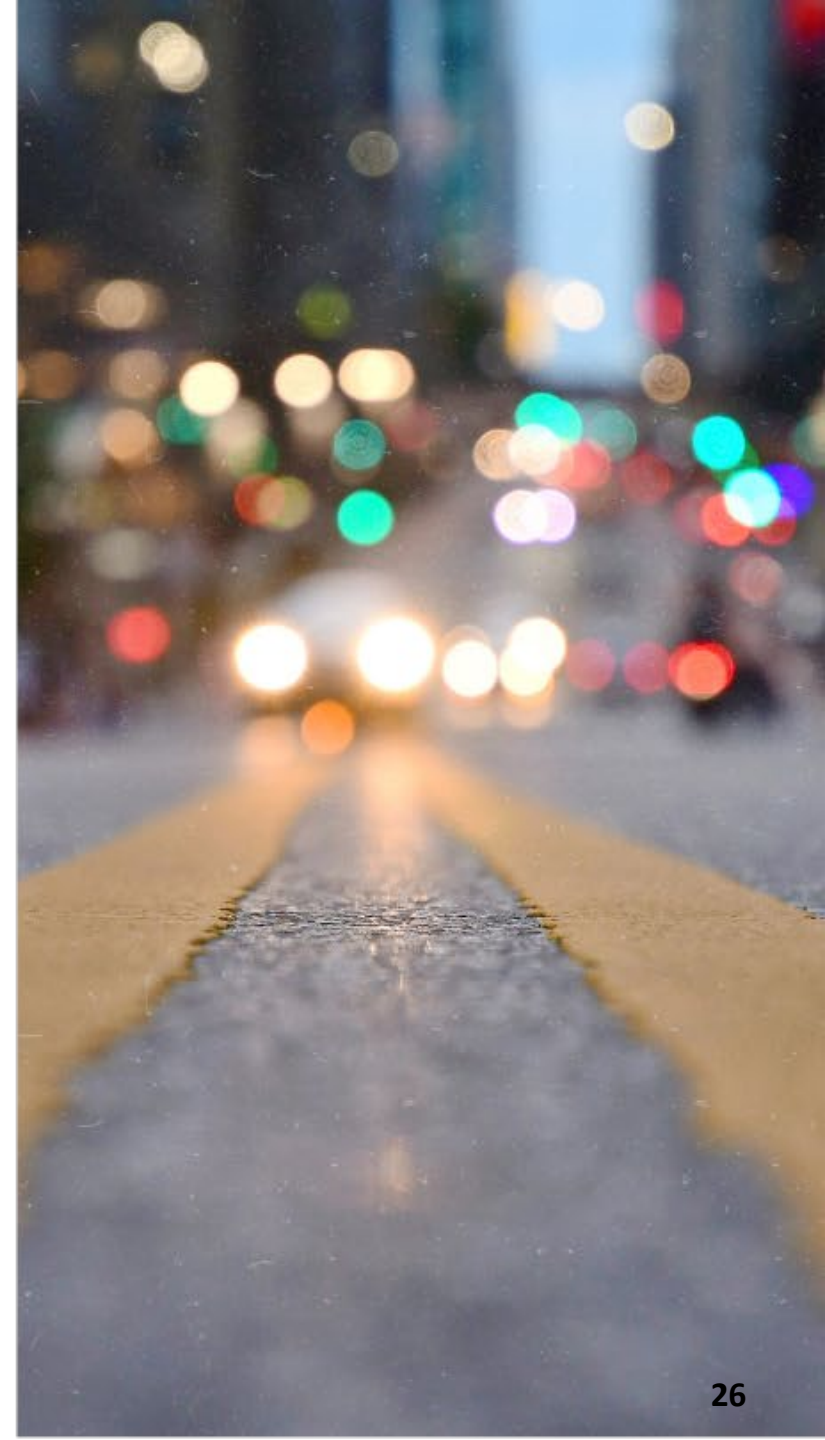
*unserved energy can result in blackouts

Total MW Additions Throughout Build Plan							
	Solar	Wind	Storage	Natural Gas	Nuclear	Totals in 2046	Retirements
Stakeholder Input Case	41,809	6,000	16,525	0	10,566	74,900	-11,590
Company Preferred	21,229	3,479	3,525	8,965	2,046	39,244	0
Delta	20,580	2,521	13,000	-8,965	8,520	35,656	-11,590



Wrap-Up

- The stakeholder engagement process for the 2026 IRP has now concluded.
- We appreciate your participation and insights throughout this year's IRP cycle.
- Planning for the 2027 IRP is underway, and Dominion Energy looks forward to future collaboration.
- Dominion Energy will share opportunities for engagement in the 2027 IRP as they become available.
- Please note that the DEVIRP2026@gpisd.net email address will no longer be managed and can be removed from any contact lists.





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Thank you!

