



 TC Energy

# West Pipeline Customer Meeting

May 15, 2025



# AGENDA

9:00 - 9:10

Welcome & Safety Moment

9:10 - 9:25

TC Energy Corporate Update

9:25 - 9:40

Operations Update

9:40 – 9:55

Business Development Update

9:55 - 10:10

Commercial Fundamentals

10:10 - 10:30

Break

10:30 - 11:00

Panel Discussion

11:00 - 11:15

Closing Statements & Questions

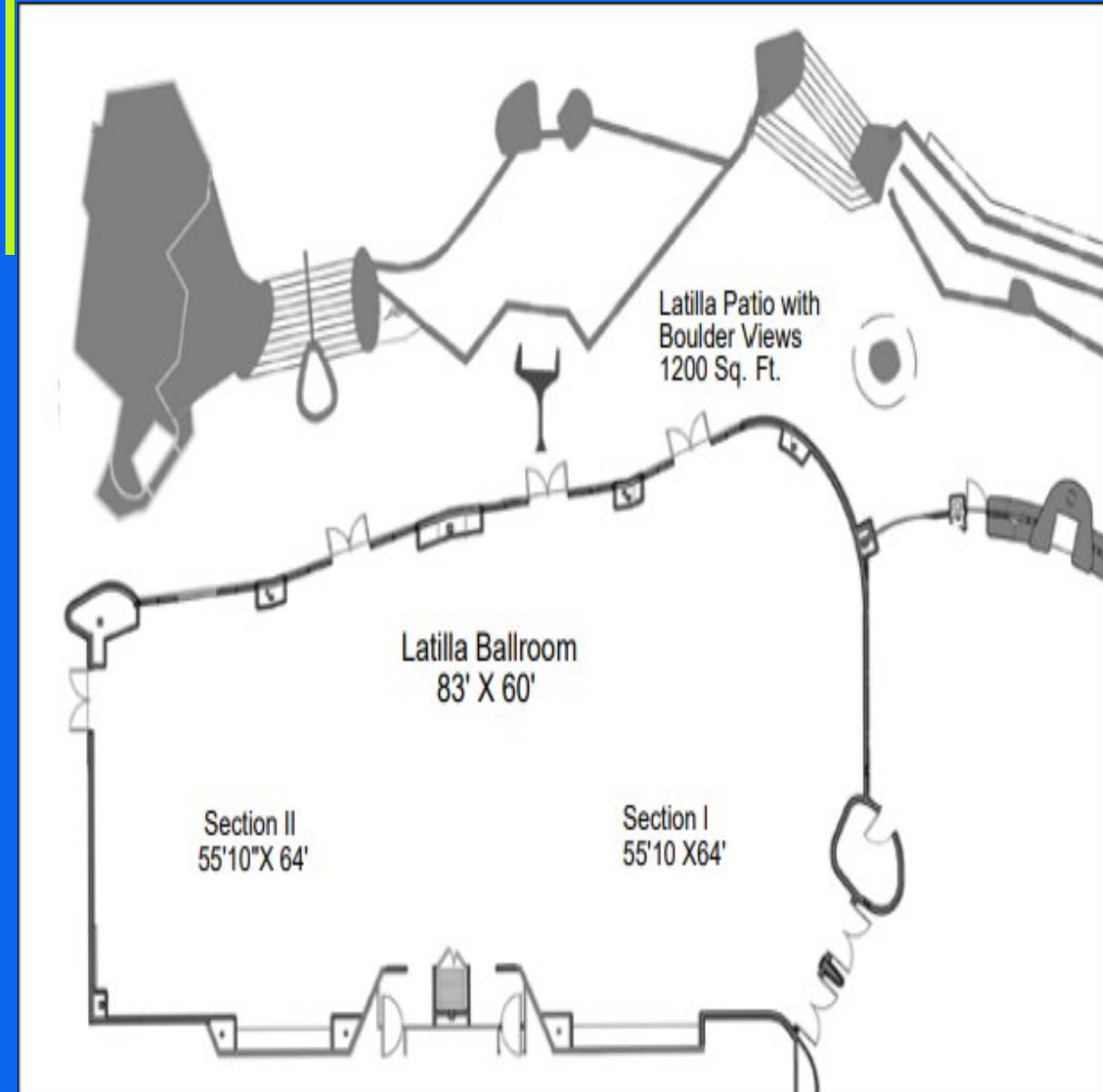
11:15 - 11:25

Event Logistics




# Emergency Procedures

- Exit doors onto the patio
- Exit doors out to the main lobby and out of the building



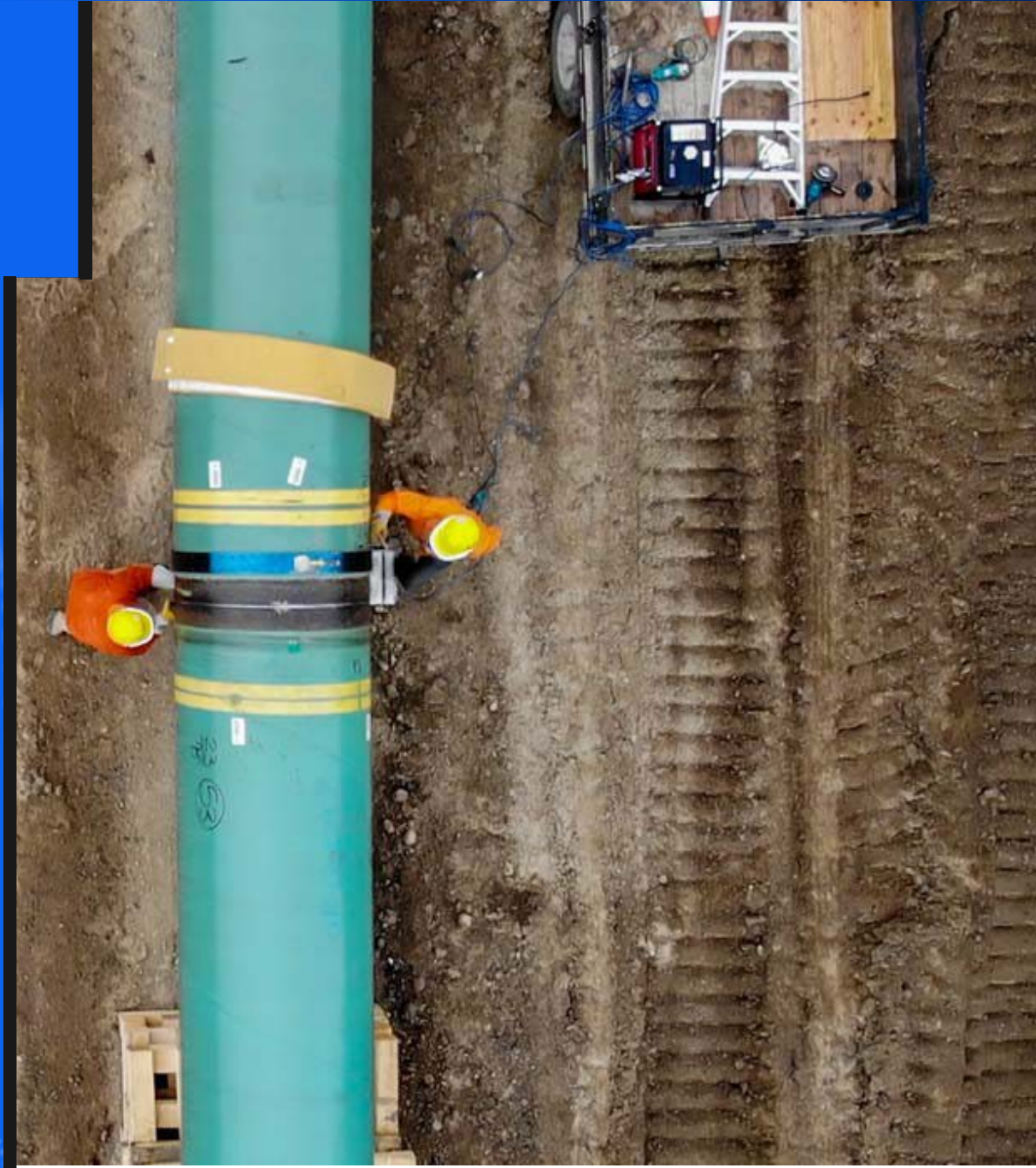


# SAFETY MOMENT

Heat Exhaustion		Heat Stroke
<p><b>ACT FAST</b></p> <ul style="list-style-type: none"> <li>• Move to a cooler area</li> <li>• Loosen clothing</li> <li>• Sip cool water</li> <li>• Seek medical help if symptoms don't improve</li> </ul>	 <p><i>Dizziness</i></p> <p><i>Thirst</i></p> <p><i>Heavy Sweating</i></p> <p><i>Nausea</i></p> <p><i>Weakness</i></p>	<p><b>ACT FAST</b></p> <p><b>CALL 911</b></p> <ul style="list-style-type: none"> <li>• Move person to a cooler area</li> <li>• Loosen clothing and remove extra layers</li> <li>• Cool with water or ice</li> </ul> <p><i>Confusion</i></p> <p><i>Dizziness</i></p> <p><i>Becomes Unconscious</i></p> <p><i>Heat stroke can cause death or permanent disability if emergency treatment is not given.</i></p>
<p><i>Heat exhaustion can lead to heat stroke.</i></p>		

# TC ENERGY Corporate Update

Colin Lindley  
VP US Marketing & Optimization  
U.S. Pipelines





# TC Energy Leadership Transition



**STANLEY G. CHAPMAN, III**  
Executive Vice President



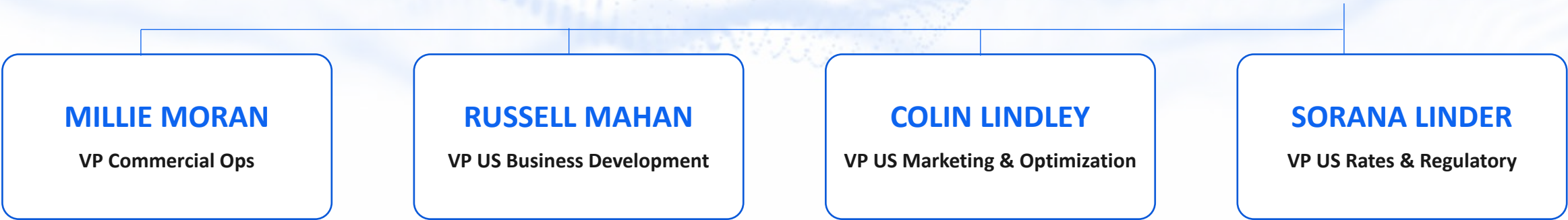
**TINA FARACA**  
Executive Vice President & COO,  
Natural Gas Pipelines



**DAVID BRAST**  
President,  
U.S. Natural Gas Pipelines



**Joshua Gibbon**  
Senior Vice President,  
U.S. Gas Commercial



# 2025 Strategic priorities



## MAXIMIZING THE VALUE OF OUR ASSETS THROUGH SAFETY AND OPERATIONAL EXCELLENCE

- Promote **safe operating** practices to exceed safety targets and **maximize the availability** of assets
- Continue advancement of integrated Natural Gas Pipelines business to **capture synergies**
- Capture **additional value** through capital and operational efficiencies



## EXECUTE OUR SELECTIVE PORTFOLIO OF GROWTH PROJECTS

- Execute **high quality** secured capital program and bring **~\$8.5 billion** of assets into service
  - Including **Southeast Gateway** at **~US\$3.9 billion**
- Deliver 2025E comparable EBITDA<sup>(1)</sup> of **\$10.7 – \$10.9 billion**<sup>(2)</sup>



## ENSURE FINANCIAL STRENGTH AND AGILITY

- Prioritize **low-risk, executable** projects that maximize the spread between earned return and cost of capital
- Maintain commitment to annual net capital expenditures<sup>(3)</sup> of **\$6 – 7 billion**
- Continue deleveraging efforts towards our long-term target of **4.75x debt-to-EBITDA**<sup>(4)</sup>

**SOLID GROWTH :: LOW RISK :: REPEATABLE PERFORMANCE**

(1) Comparable EBITDA is a non-GAAP measure. See the forward-looking information and non-GAAP/supplementary financial measures slide at the front of this presentation and the Appendix for more information. (2) Foreign exchange assumption USD/CAD: 1.35. (3) Net capital expenditures is adjusted for the portion attributed to non-controlling interests and is a supplementary financial measure. See the forward-looking information and non-GAAP/supplementary financial measures slide at the front of this presentation for more information. (4) Debt-to-EBITDA is a non-GAAP ratio. Adjusted debt and adjusted comparable EBITDA are the non-GAAP measures used to calculate debt-to-EBITDA. See the forward-looking information and non-GAAP/supplementary financial measures slide at the front of this presentation and the Appendix for more information.



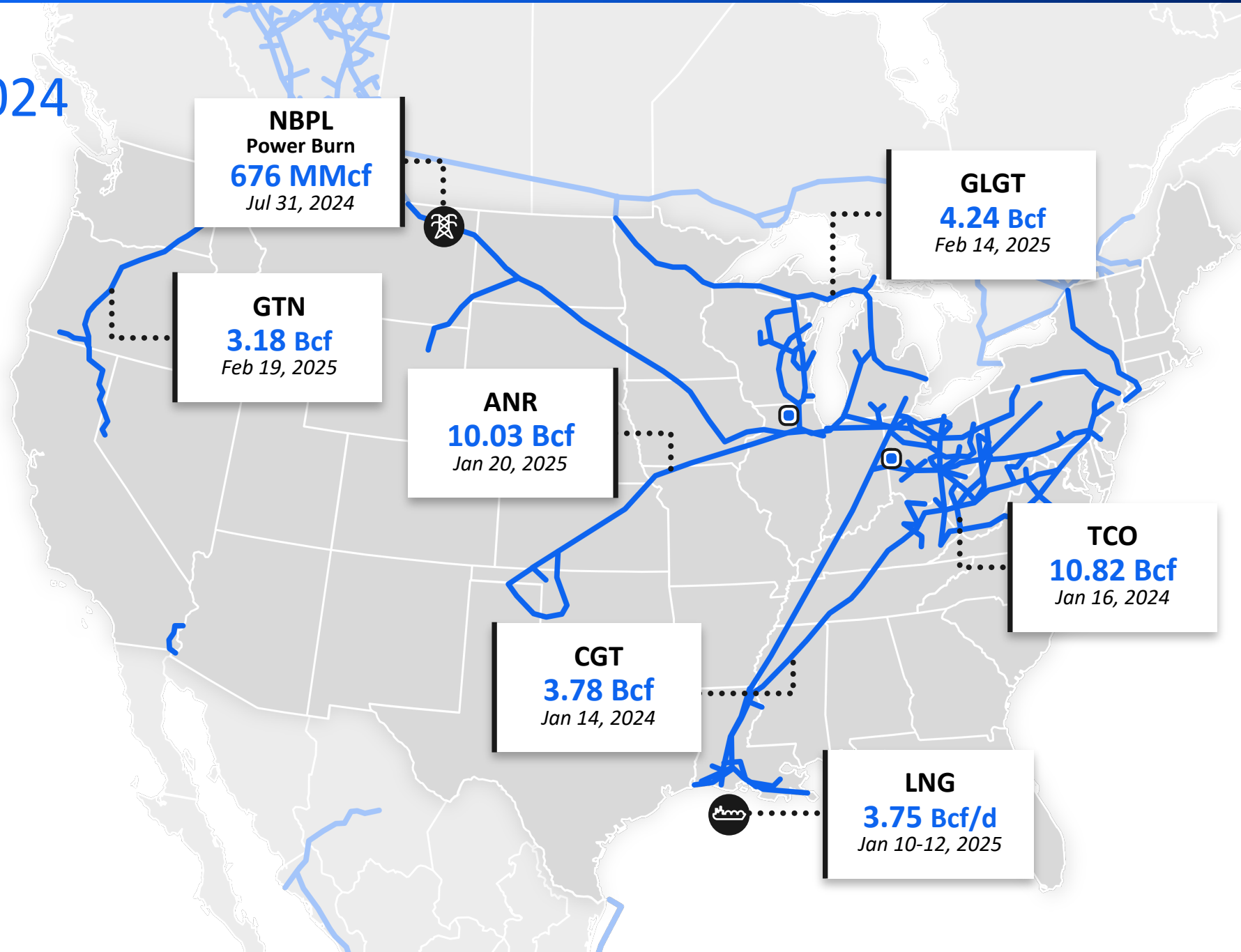
# Setting records in 2024 and 2025

U.S. all-time gas demand record on January 20, 2025  
~180 Bcf

U.S. Natural Gas Pipelines all-time delivery record on January 20, 2025  
37.9 Bcf

4 days in 2025 have surpassed our 2024 gas delivery record

U.S. Natural Gas Pipelines power delivery record on August 27, 2024  
5.2 Bcf

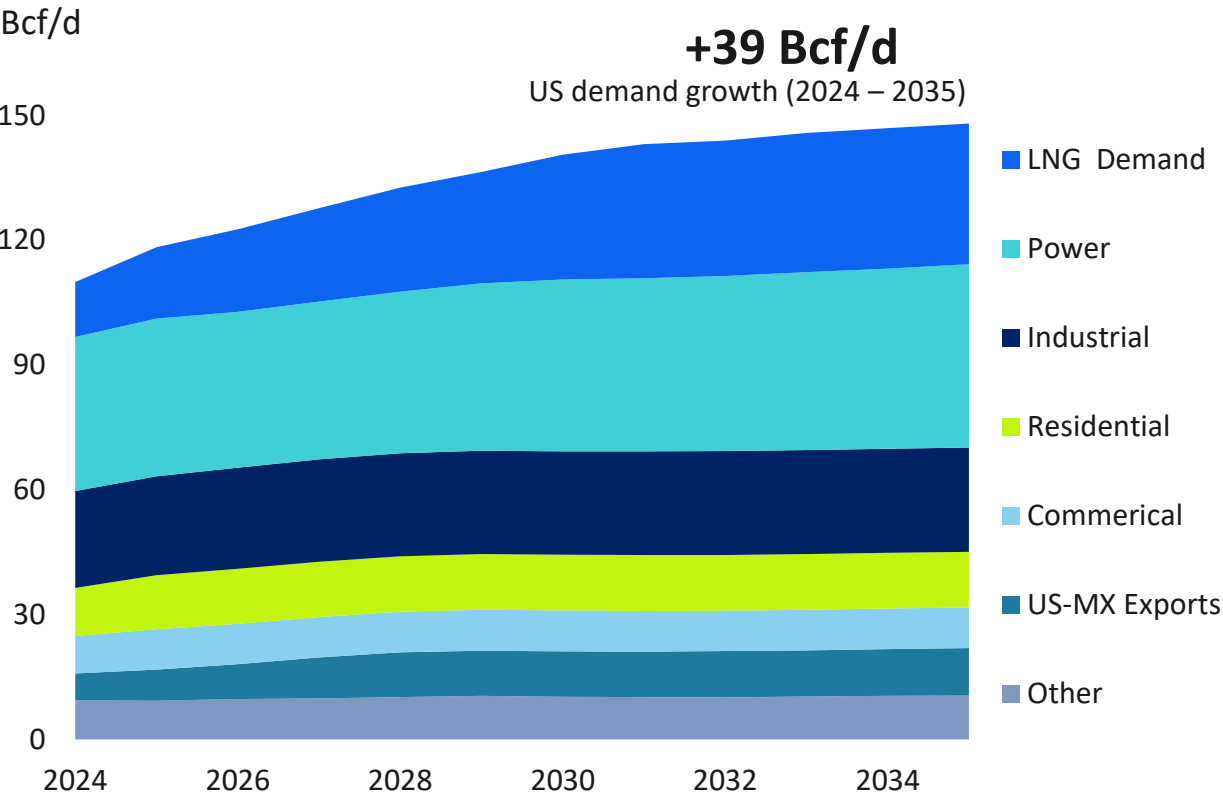




# U.S. natural gas preliminary outlook

## Demand growth expected across most sectors

### U.S. natural gas demand – preliminary results



### Strategic growth drivers

U.S. Growth  
2024-2035

#### Next Wave LNG

Robust connectivity to LA Gulf Coast LNG export facilities

**+20 Bcf/d**

LNG demand



#### Power Generation

Electrification, coal retirements, AI & data centers are key growth drivers

**+7 Bcf/d**

Power demand



#### LDC Energy Reliability

Utilities contract for demand peaks, bolstering reliability

**+2 Bcf/d**

LDC demand



#### Supply Access

Connecting the lowest cost supply to the highest value markets

**+39 Bcf/d**

Natural gas production





# Energy Potential

1. New Administration
2. Energy Emergency
3. Ending LNG Pause
4. Tariff Update



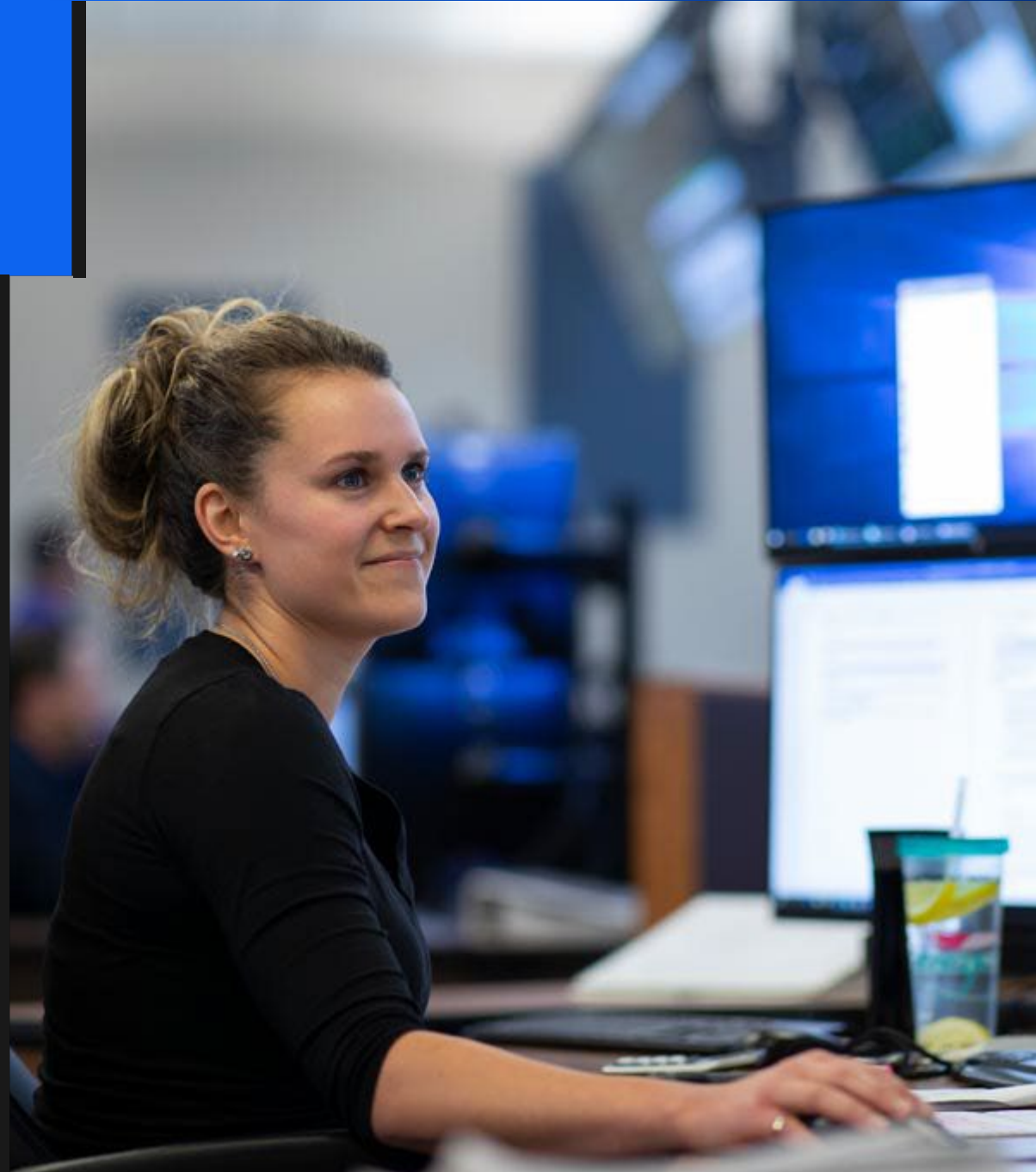
# LET'S GROW TOGETHER





# West Pipelines Operations

**Frank Hildenbrand**  
USNG Gas Control Manager West





## GTN MAINTENANCE IMPACTS

In 2024, maintenance projects completed totaled over: **504**

**10**

Outages were extended/  
delayed 2%

**6**

FMJ postings

## FIRM CAPACITY IMPACTS

**138**

27% of outages  
result in Firm Cuts  
(2024)

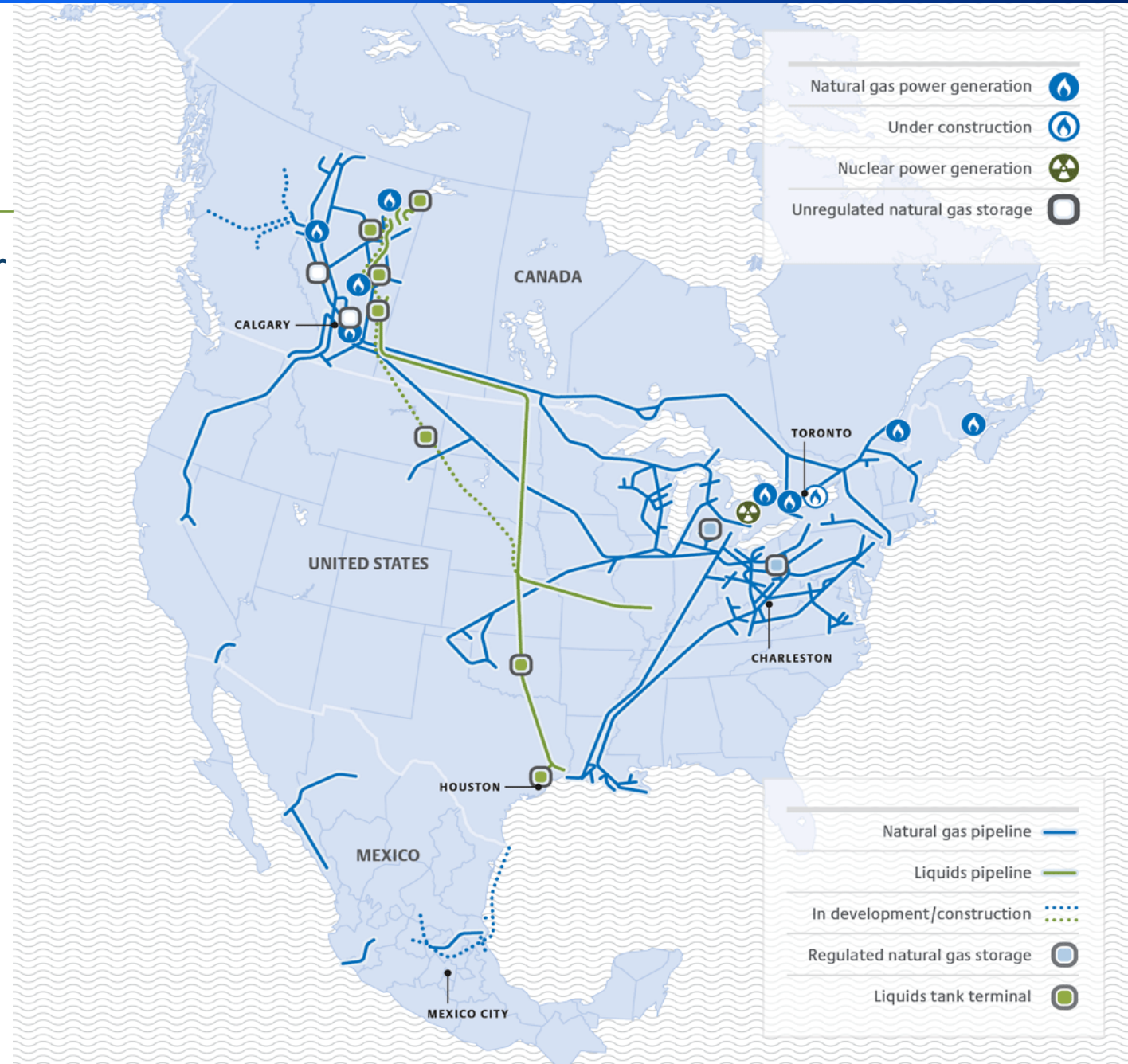


# Noteworthy changes

GTN Xpress in-service date November 2024

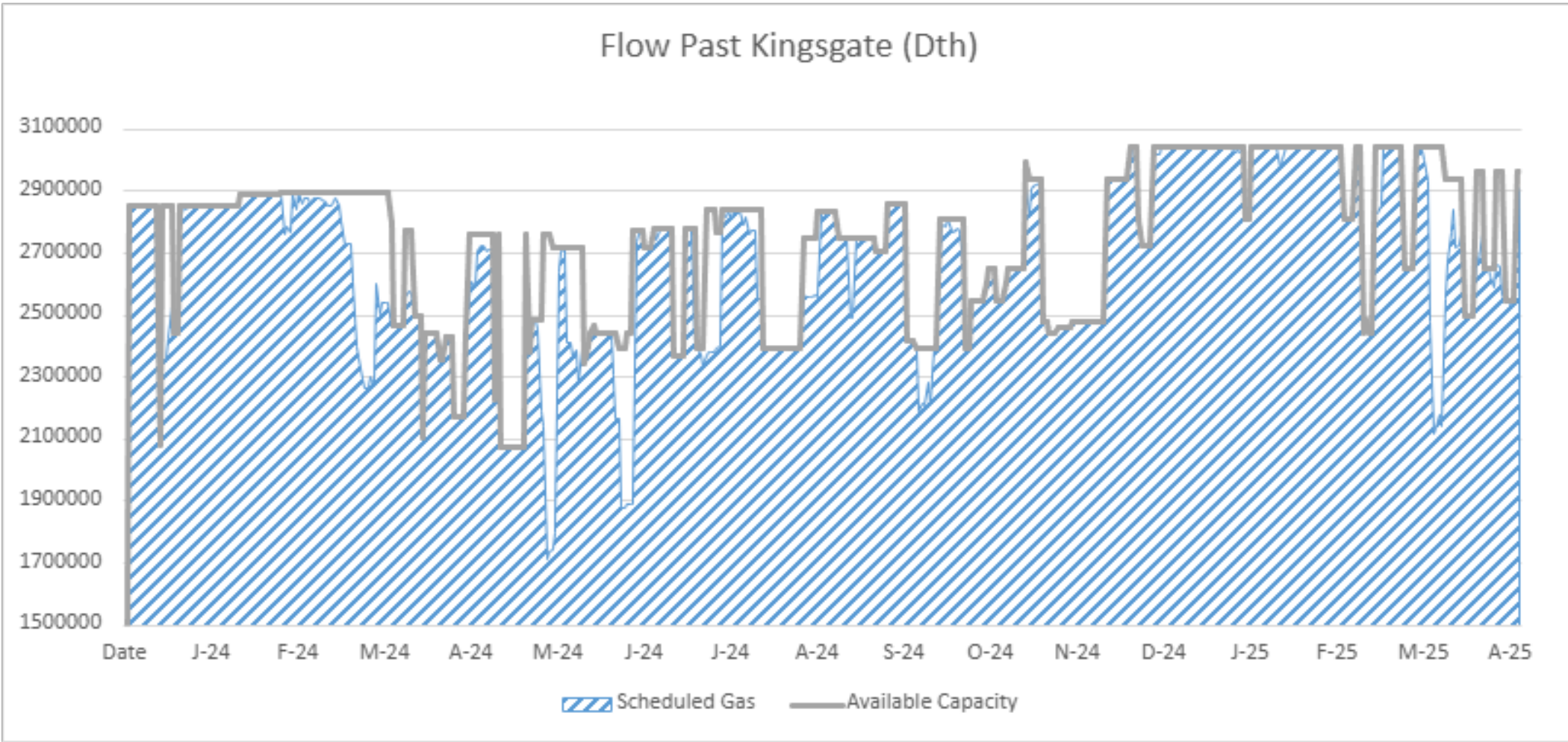
Summer Flow Capacity:  
 FP Kingsgate 2850-mmcf/d  
 FP Station 14 2145-mmcf/d

Winter Flow Capacity:  
 FP Kingsgate 2925-mmcf/d  
 FP Station 14 2165-mmcf/d

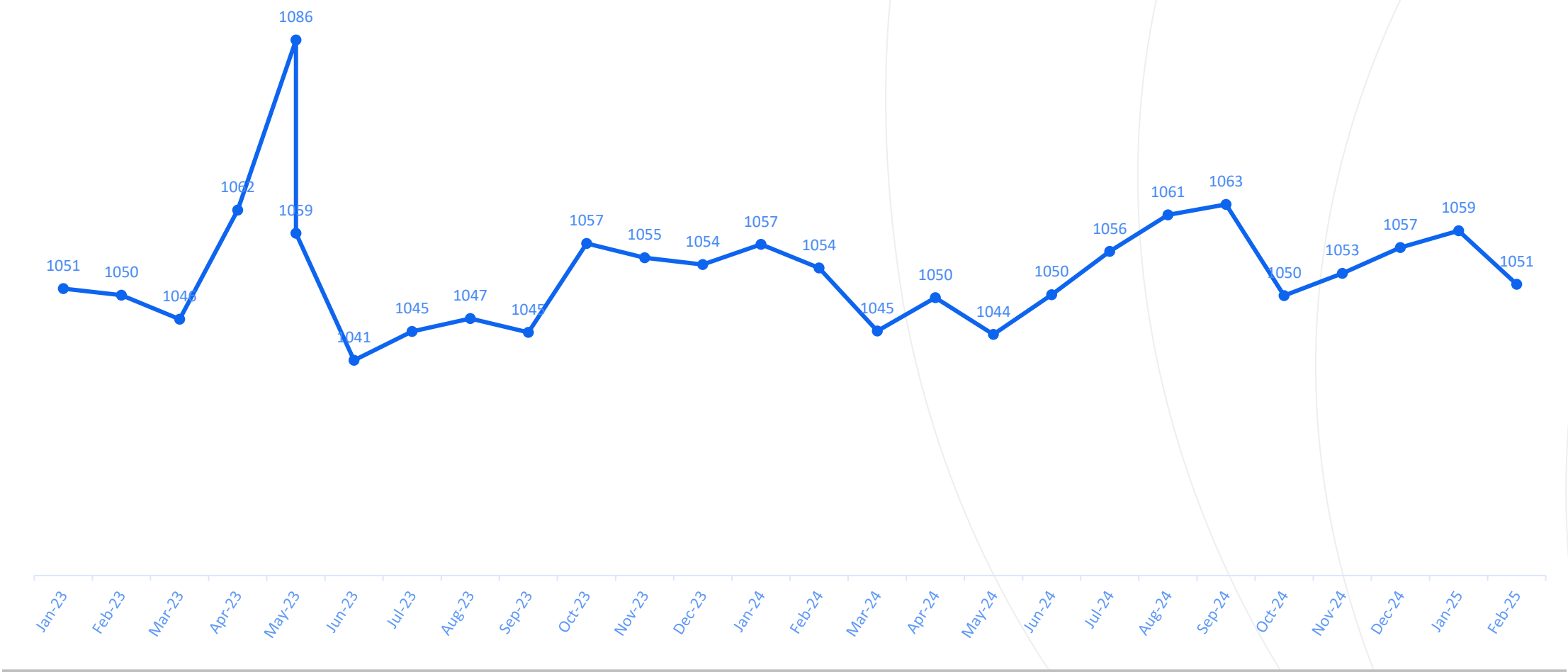




# GTN Kingsgate Flow Through (Dth)



# GTN Average BTU (2023 – Present)

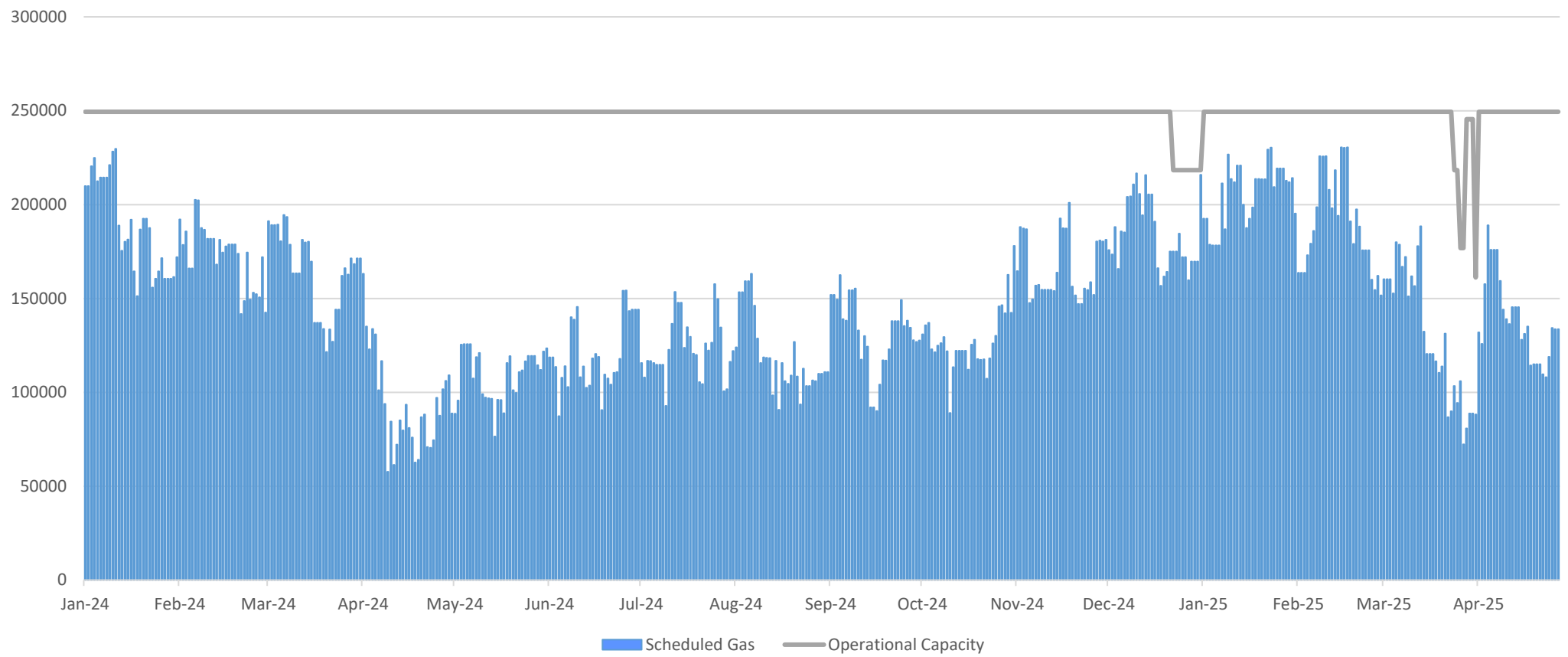




# Gas Transmission Northwest Maintenance

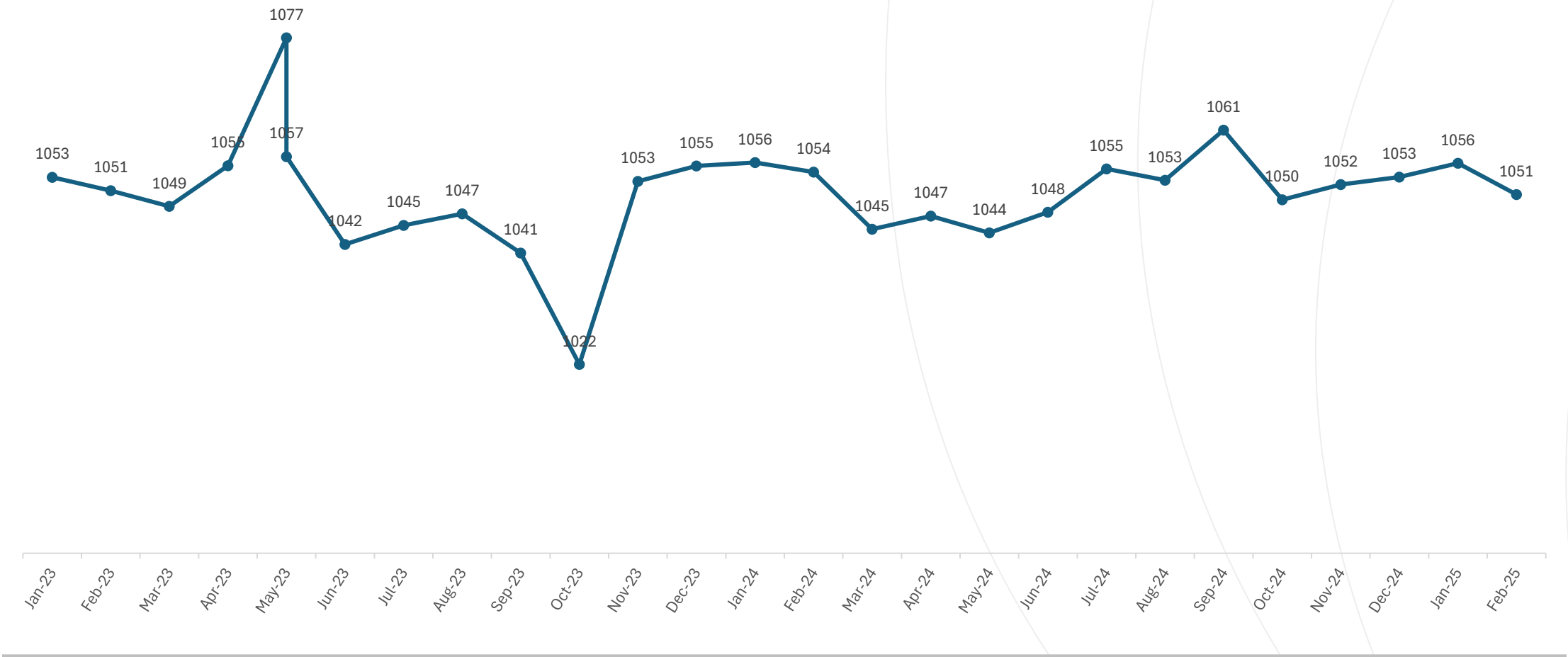
Gas Transmission Northwest Maintenance Schedule (Updated 5/8/2025)				
May 2025	Area/Segment	Available Capacity	Potential Cuts Firm Primary	Potential Cuts Firm Secondary / ITS
	<b>Station 6 CFTP Capacity #954690</b>			
5/27 - 5/31	GTN A 6 - 9 ILI MFL Combo	2460-MMcf/d	High	High
	<b>Station 14 Capacity #18446</b>			
5/12 - 5/16	Bonanza B Unit Engine Swap	1930-MMcf/d	High	High
Jun 2025	Area/Segment	Available Capacity	Potential Cuts Firm Primary	Potential Cuts Firm Secondary / ITS
	<b>Station 6 CFTP Capacity #954690</b>			
6/1 - 6/2	GTN A 6 - 9 ILI MFL Combo	2460-MMcf/d	High	High
6/3 - 6/5	GTN A 6 - 9 ILI EMAT	2120-MMcf/d	High	High
	<b>Station 8 CFTP Capacity #28218</b>			
6/16 - 6/20	GTN B 8 - 9 MFL Combo	2192-MMcf/d	High	High
	<b>Station 9 CFTP Capacity #18480</b>			
6/23 - 6/30	GTN B 9 - 11 Combo	1970-MMcf/d	High	High
	<b>Station 14 Capacity #18446</b>			
6/11 - 6/15	Bear Creek Pipe Replacement	2005-MMcf/d	Low	Medium
6/16 - 6/20	Bend B Unit Engine Swap; Bear Creek Pipe Replacement	1906-MMcf/d	High	High
6/21 - 6/24	Bear Creek Pipe Replacement	2005-MMcf/d	Low	Medium
Jul 2025	Area/Segment	Available Capacity	Potential Cuts Firm Primary	Potential Cuts Firm Secondary / ITS
	<b>Flow Past Kingsgate Capacity #3500</b>			
7/14 - 7/18	GTN B 5 - 6 ILI Combo	2850-MMcf/d	Low	Low
7/21 - 7/31	Colton Acres Pipe Replacement	2400-MMcf/d	High	High
	<b>Station 14 Capacity #18446</b>			
7/15 - 7/20	Chemult TSA	1906-MMcf/d	High	High
7/21 - 7/26	GTN A 12 - 14 ILI; Chemult TSA	1700-MMcf/d	High	High
7/27 - 7/31	Chemult TSA	1906-MMcf/d	High	High
Aug 2025	Area/Segment	Available Capacity	Potential Cuts Firm Primary	Potential Cuts Firm Secondary / ITS
	<b>Station 14 Capacity #18446</b>			
8/1 - 8/31	Chemult TSA	1906-MMcf/d	High	High
Sep 2025	Area/Segment	Available Capacity	Potential Cuts Firm Primary	Potential Cuts Firm Secondary / ITS
	<b>Station 14 Capacity #18446</b>			
9/1 - 9/30	Chemult TSA	1906-MMcf/d	High	High
Oct 2025	Area/Segment	Available Capacity	Potential Cuts Firm Primary	Potential Cuts Firm Secondary / ITS
	<b>Station 14 Capacity #18446</b>			
10/1 - 10/14	Chemult TSA	1906-MMcf/d	High	High
*Posted capacity is subject to change based on current weather conditions in the Pacific Northwest and the current condition of the pipeline.				
**Firm Cut % = ( Contracted Firm MDQ - Operationally Available Capacity ) ÷ Contracted Firm MDQ				
***Firm Cut % is subject to change depending on actual nominated firm volumes and changes in posted capacity.				

# Tuscarora Flow Through (Dth)

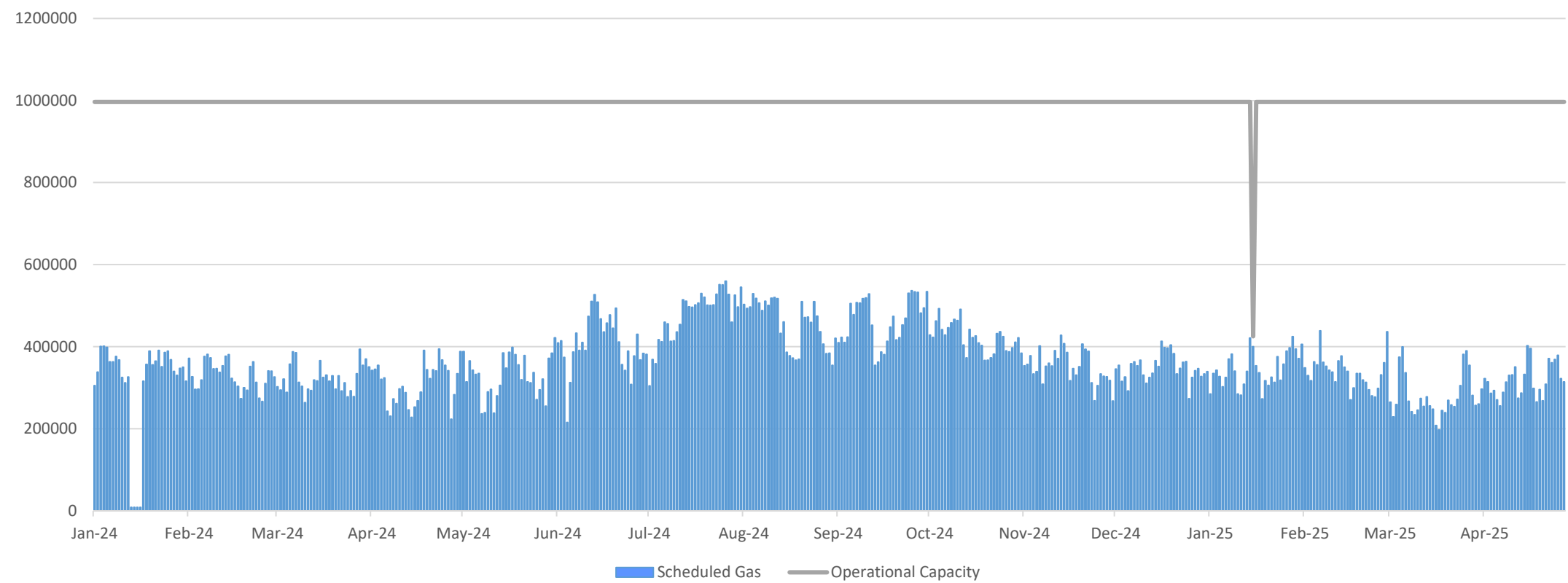




# Tuscarora Average BTU (2023 – Present)

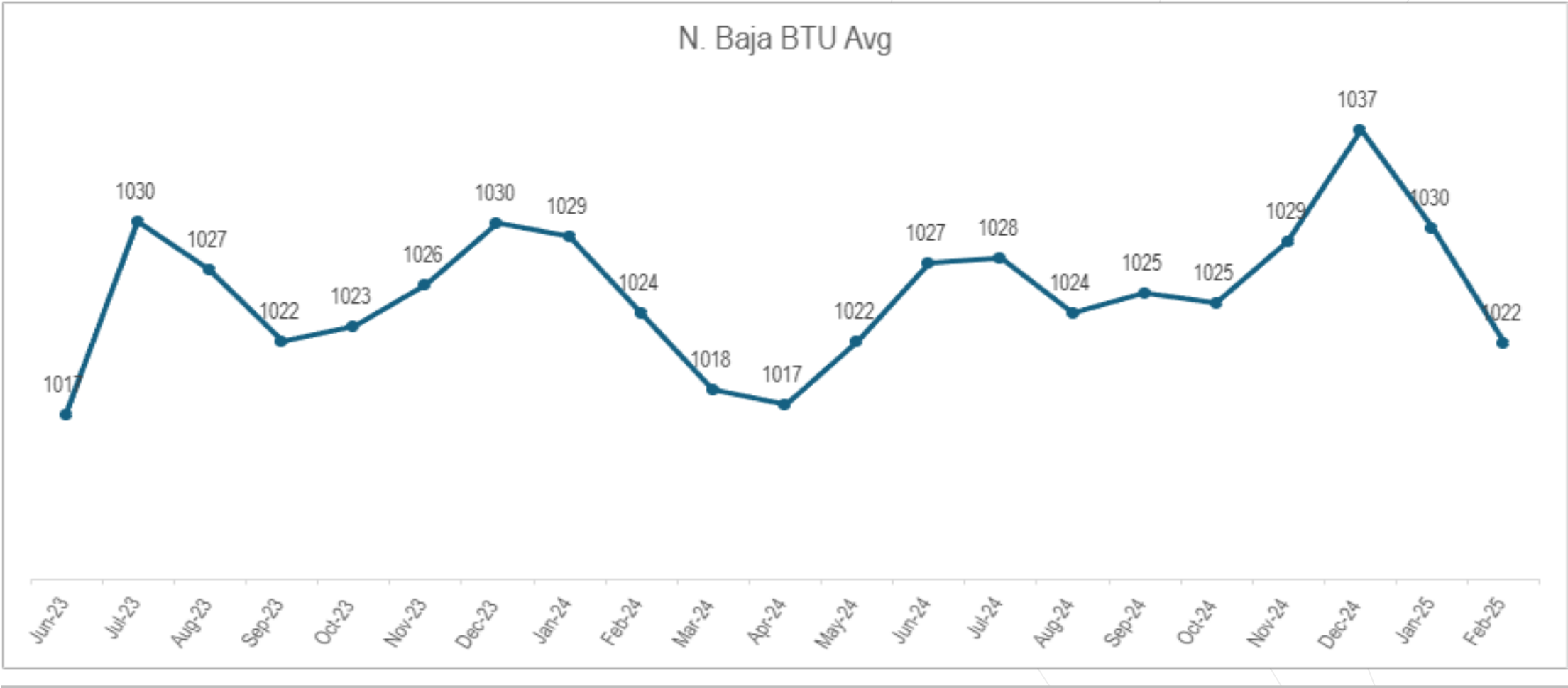


# North Baja Ehrenberg Flow Through (Dth)





# North Baja Average BTU (2023 – Present)



# Business Development

**Tyler Marks**  
**Dir. Business Development**

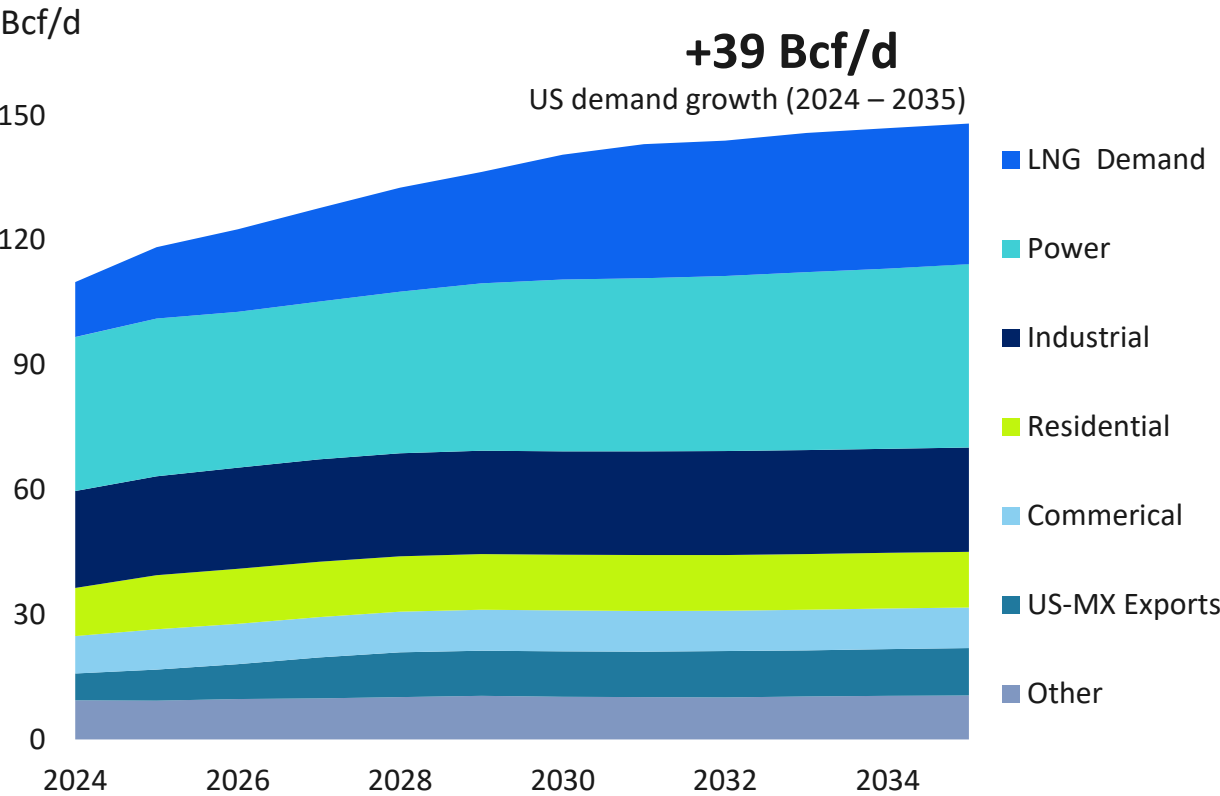




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#### LDC Energy Reliability

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#### Supply Access

Connecting the lowest cost supply to the highest value markets

**+39 Bcf/d**  
Natural gas production



# Unleashing customer solutions through 2030

## Next Wave LNG

- North Baja XPress | 2024
- Gillis Access Project | 2024 – 2027
- East Lateral XPress Project | 2025

## LDC Energy Reliability

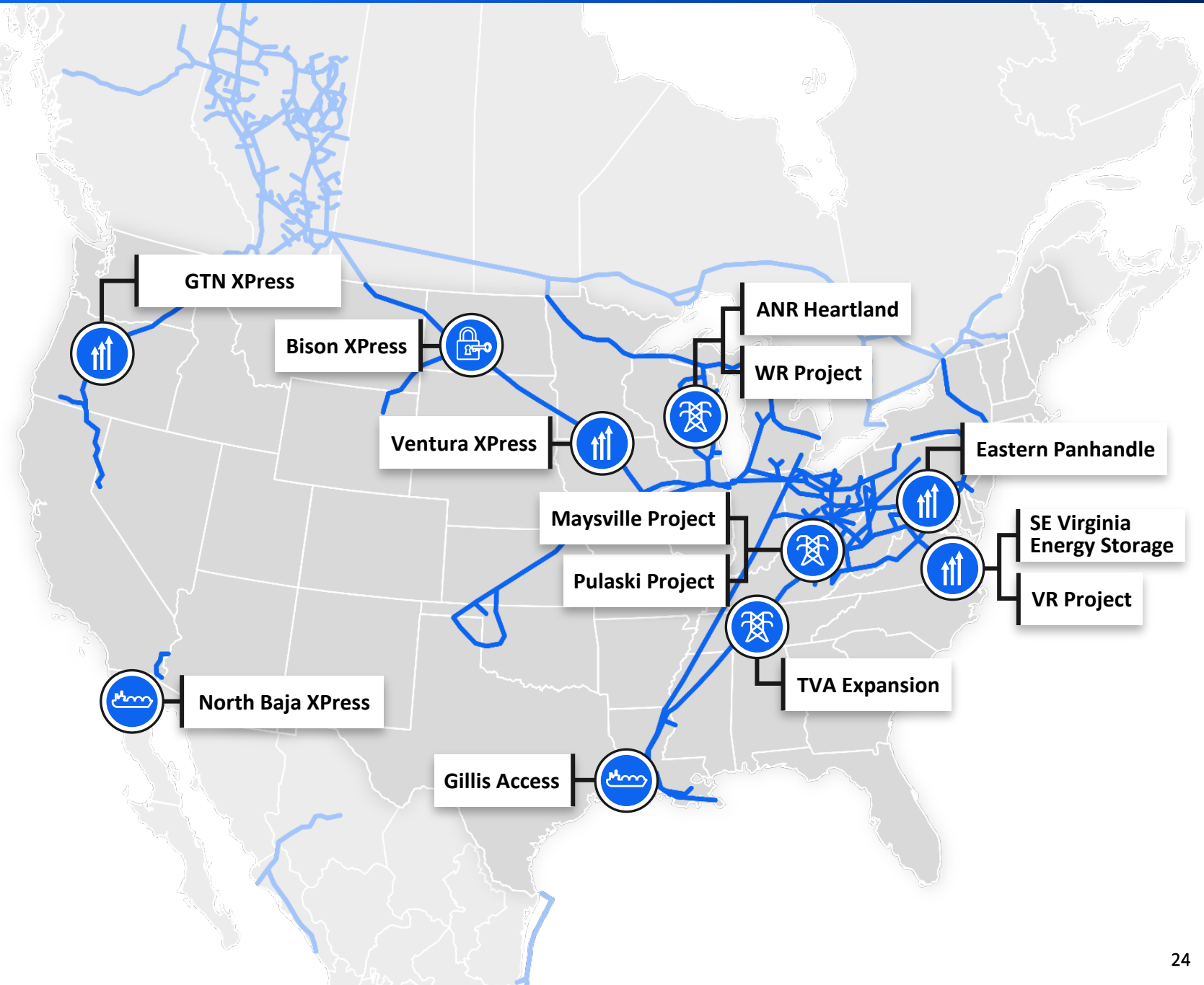
- GTN XPress | 2024
- Eastern Panhandle Project | 2025
- Ventura XPress Project | 2025
- VR Project | 2025
- SE Virginia Energy Storage Project | 2030

## Power Generation

- TVA Expansion Project | 2025
- WR Project | 2025
- ANR Heartland Project | 2027
- Pulaski Project | 2029
- Maysville Project | 2029

## Supply Access

- Bison XPress Project | 2026



# Demand Growth Areas



## Additional LNG Exports

- ❖ Natural gas to feed North America LNG exports set to grow by 20 Bcf/d from 2024 to 2035



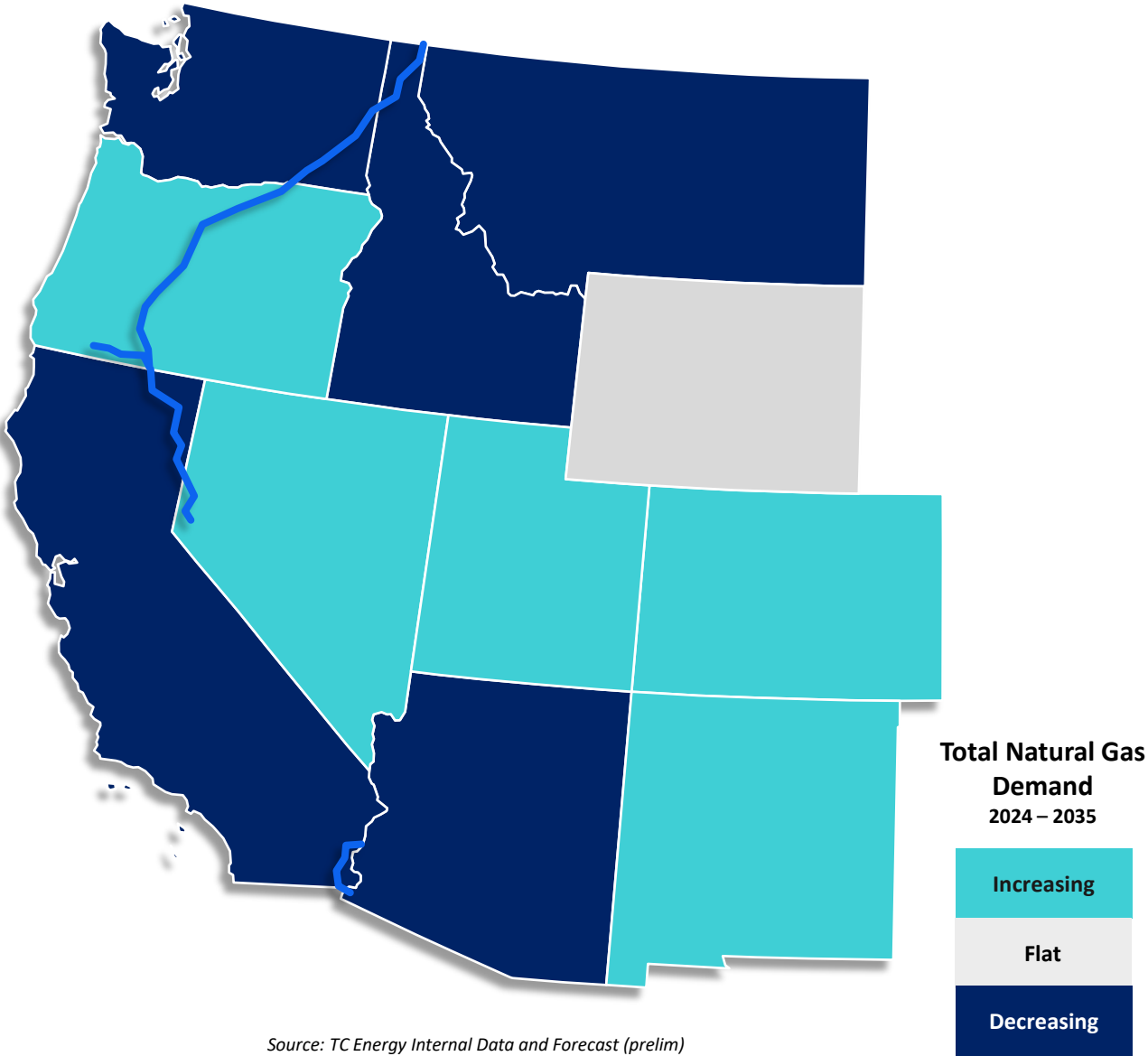
## LDC Energy Reliability

- ❖ Increased loads due to electrification and data centers
- ❖ Firming resources required for peak day needs (ie. LNG peak shaving)



## Power Generation

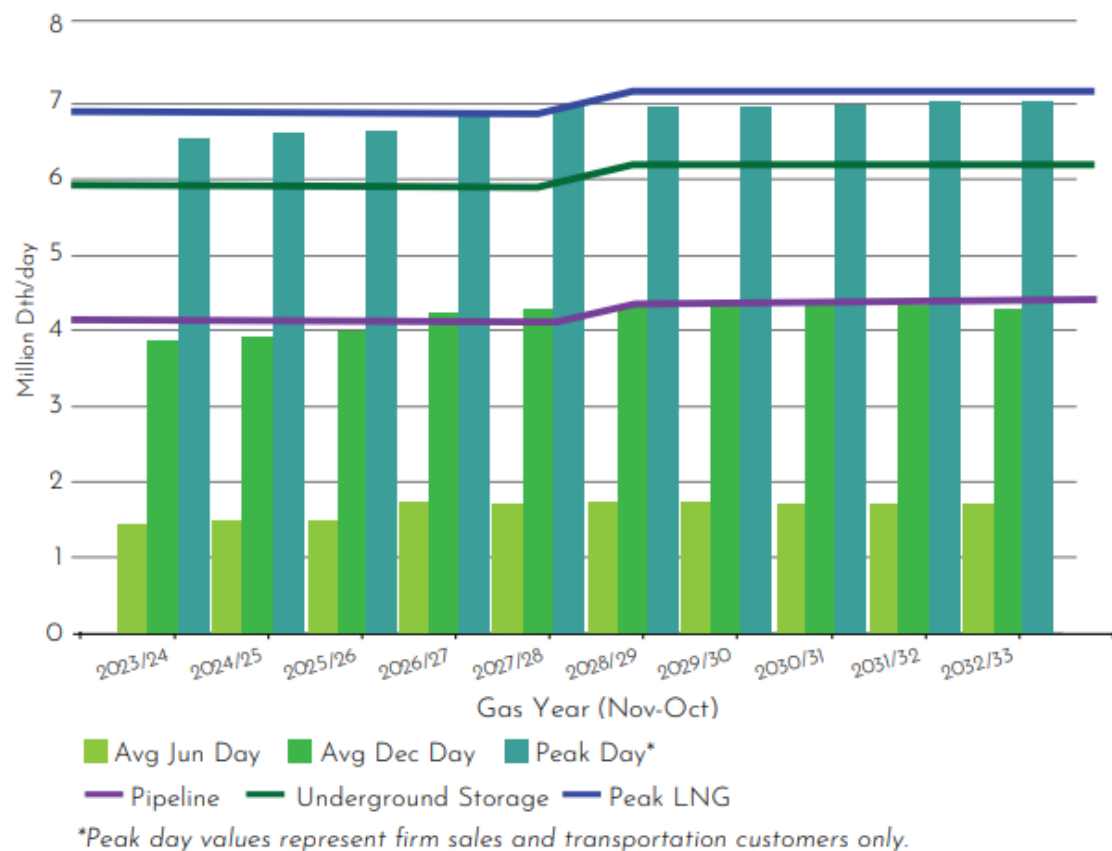
- ❖ Natural gas power demand to increase by 10 Bcf/d from 2024 to 2035
- ❖ Incremental renewable capacity increases the need for on-demand, reliable, affordable natural gas





# Pac NW Peak Day Margin

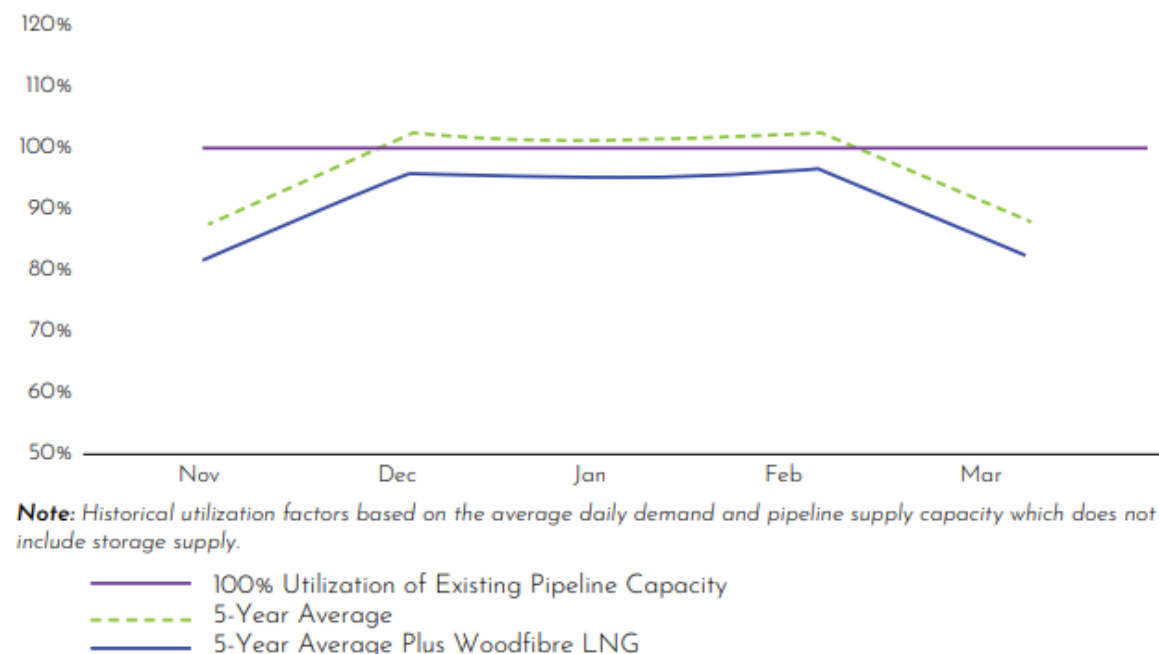
**FIGURE 11. Peak and Average Day Supply/Demand Balance**



**NOTES:** Natural gas utilities are obligated to serve their firm sales customers at all

While the Pacific Northwest endured these late-season cold weather events with little disruption, the situation demonstrated how close the region is to exceeding deliverability capacity during severe weather events. Getting through both events required exercising strict discipline and demand response mechanisms on the gas system via interruptible sales and transportation contracts. (Buyers and shippers with interruptible contracts receive significantly discounted shipping rates in exchange for agreeing to supply disruptions whenever necessary to maintain system pressures.)

**FIGURE 12. Regional Pipeline Capacity Utilization**



# Business Development Takeaways



## SOLID GROWTH

- **Energy demand** will continue to increase
- **Security, reliability** and **affordability** underpin the longevity of natural gas in the energy mix
- **Natural gas** is the “**always on**” fuel, and **critical** to the buildout of renewables



## LOW RISK

- **Value of pipe in the ground** is increasing
- **TC Energy assets** will continue to **safely** and **reliably deliver the energy people need every day**



## REPEATABLE PERFORMANCE

- Deliver projects **on time** and **on budget**
- Remain **agile** and **evolve** to deliver **customer centric solutions**
- **TC Energy Problem Solvers**

# Commercial Update

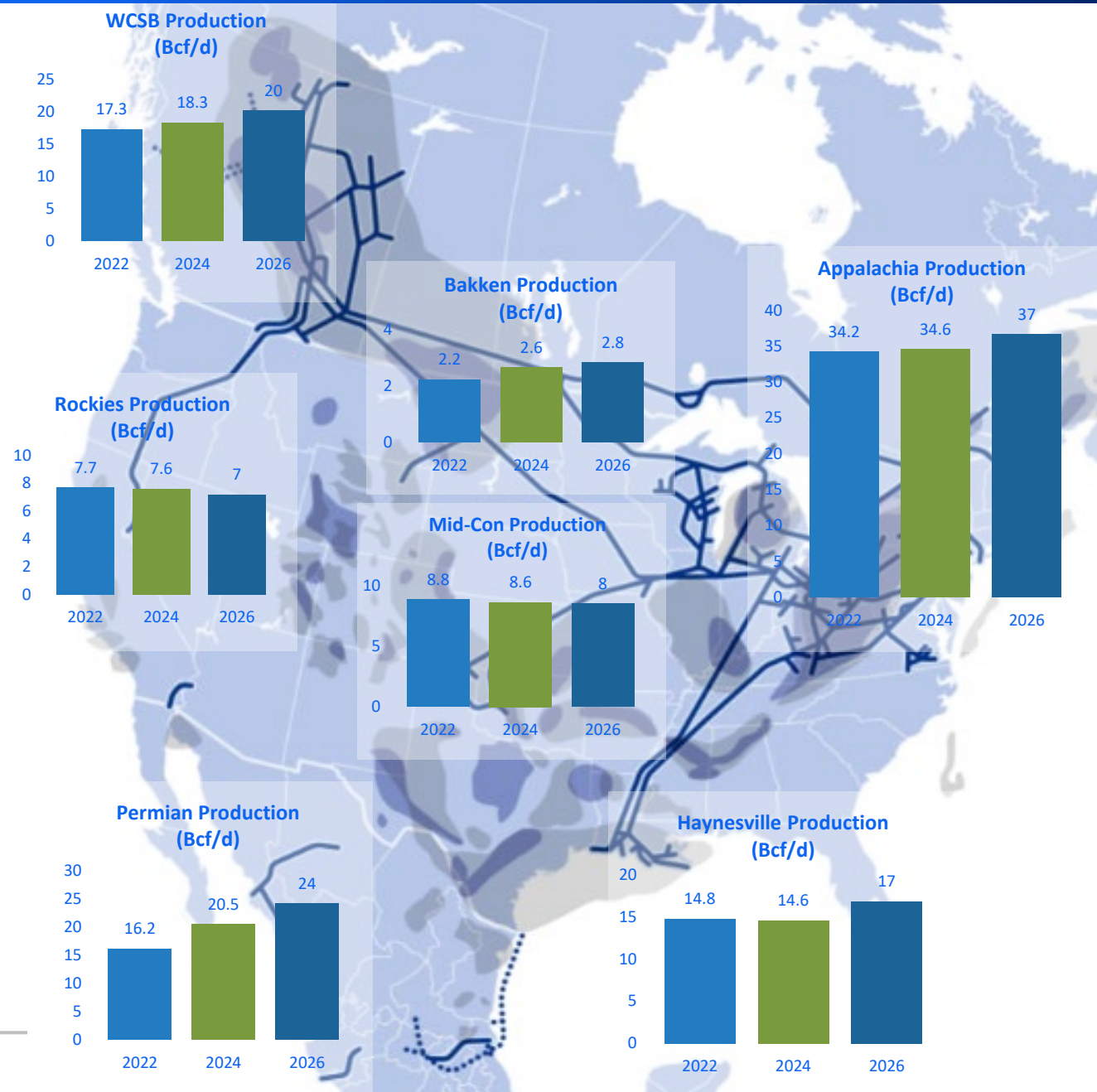
**Brandon Stewart**  
Short Term Marketing  
U.S. Natural Gas





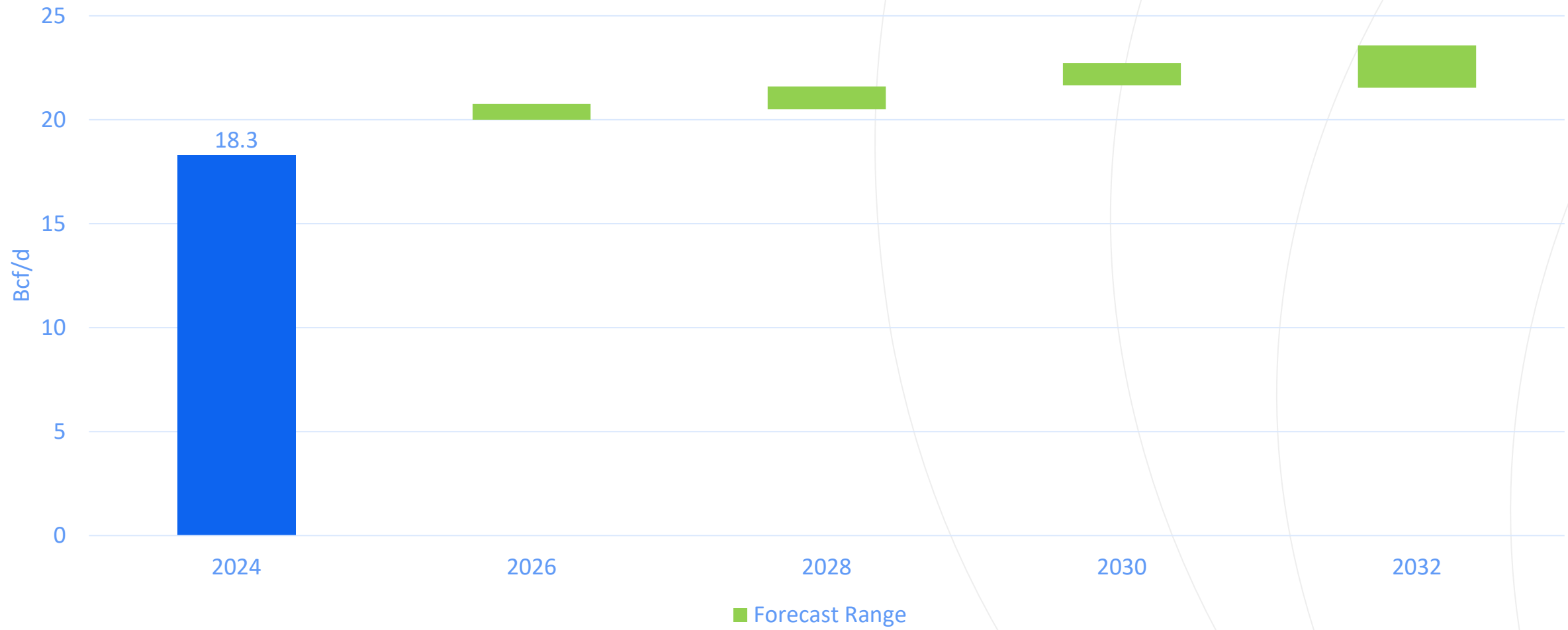
# Natural Gas production by major basins

- Production growth expected to stay robust in WCSB/Bakken
  - Supportive of full utilization on GTN, NBPL, GLGT
- Slowing growth in Appalachia
  - However rapid growth in Haynesville
- Slow declines in the Mid-Continent and Rockies may continue



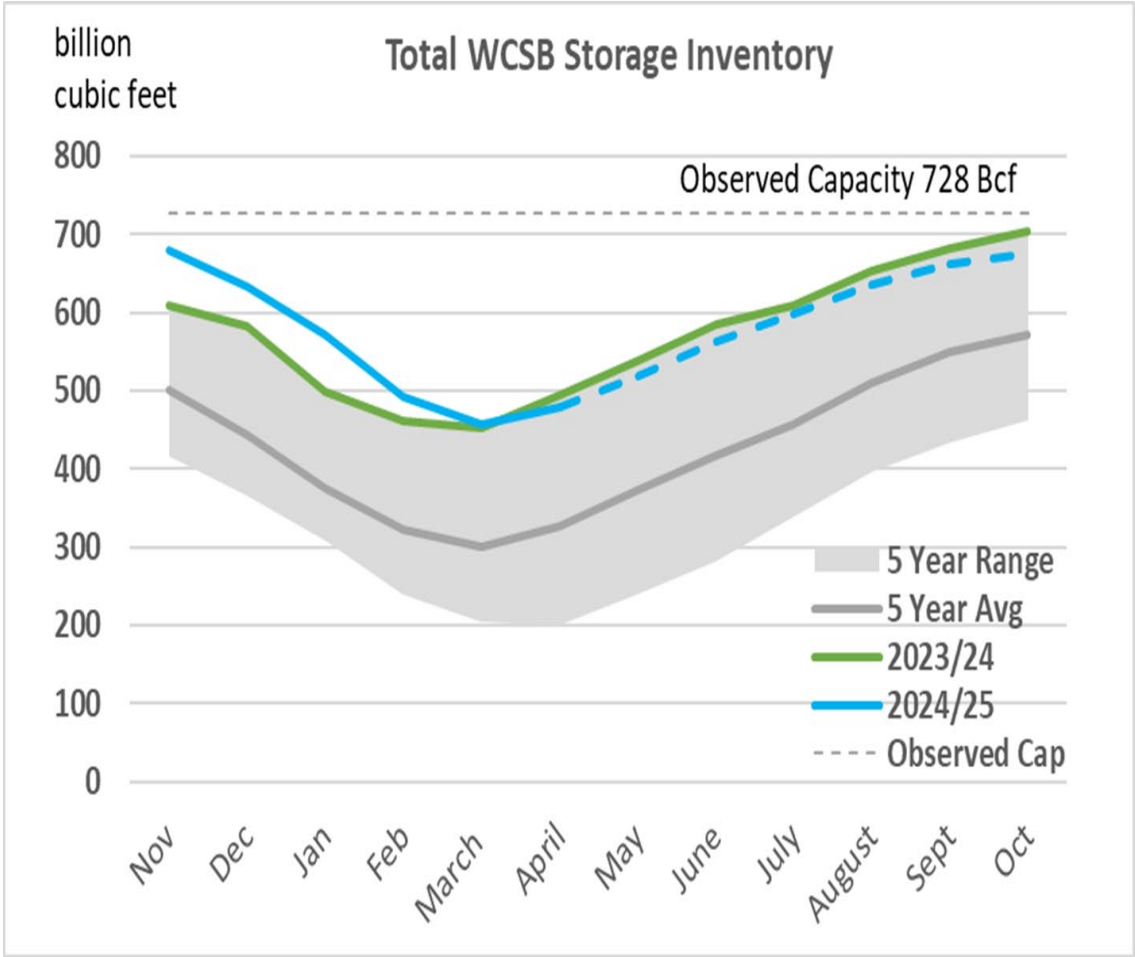
Source: Consensus View and TC Internal Forecast

# WCSB Production Outlook



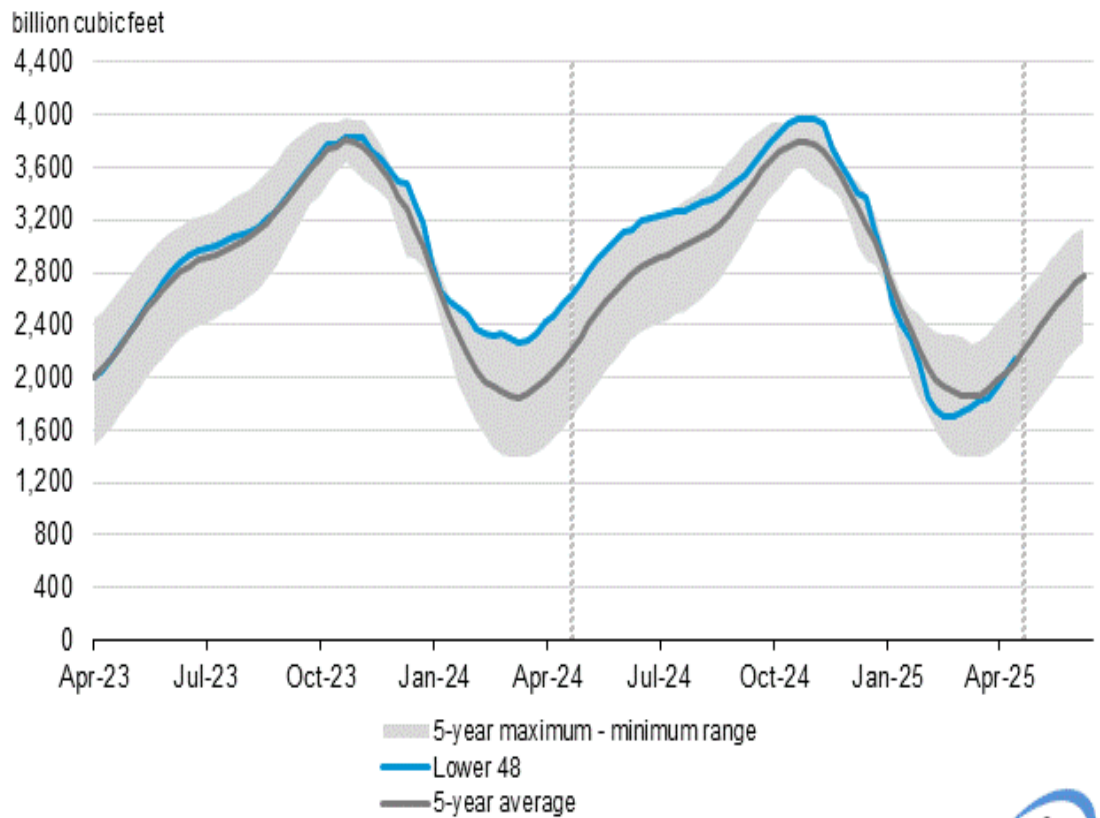
Source: Canada Energy Regulator, Consensus View and TC Internal Forecast

# WCSB Storage Inventory Outlook



# Lower 48 Storage Inventory Outlook

Working gas in underground storage compared with the 5-year maximum and minimum

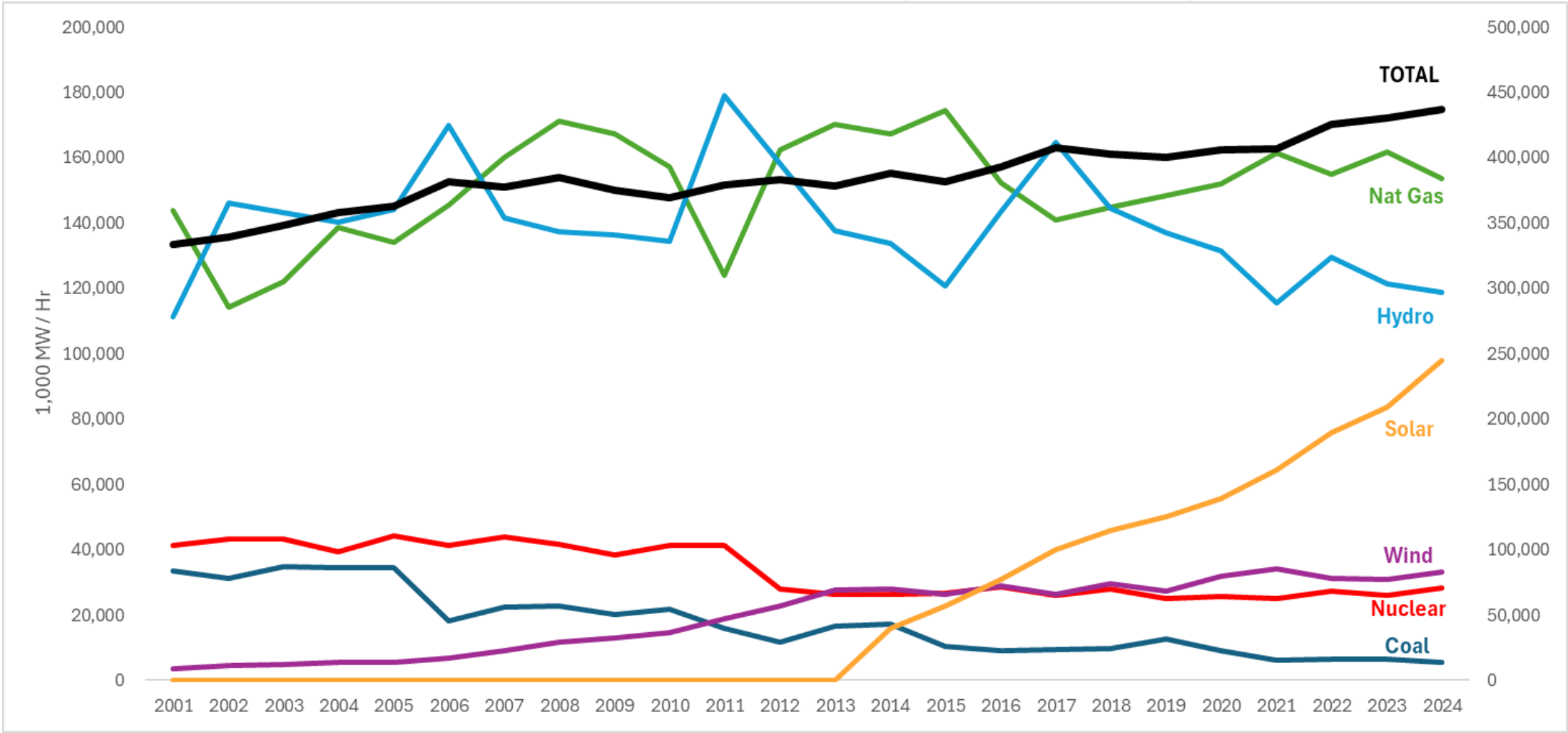


Data source: U.S. Energy Information Administration



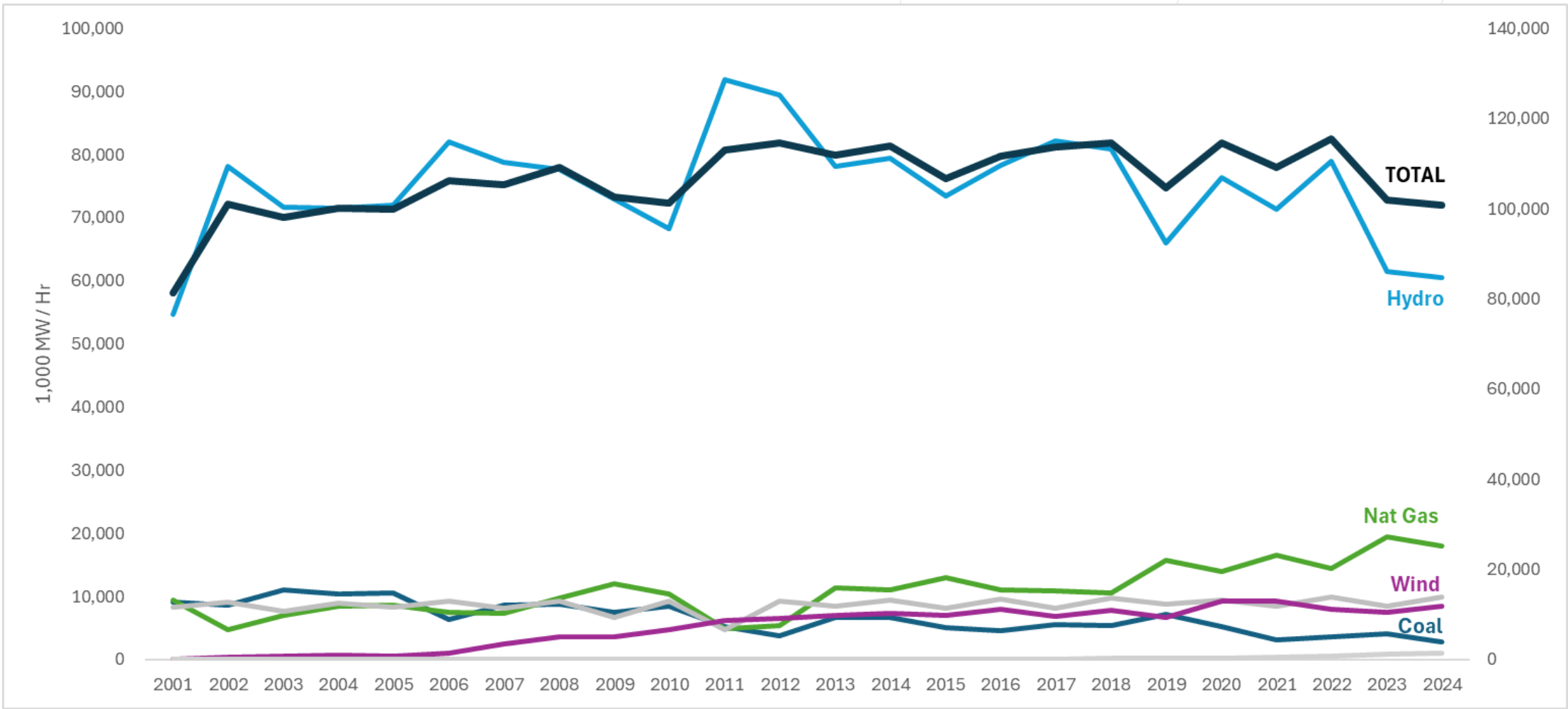


# West Coast Power Generation: WA OR CA + NV



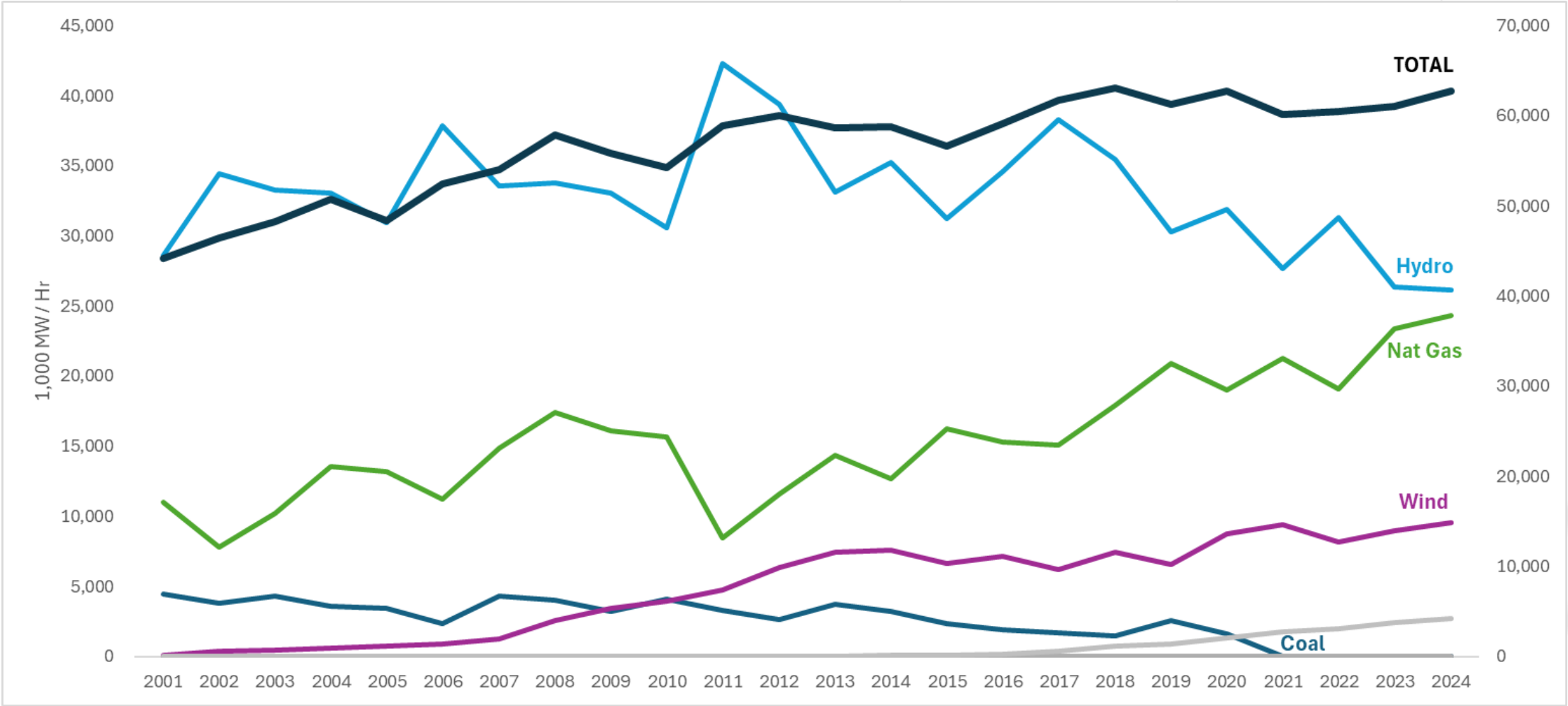
Source: U.S. Energy Information Administration

# Washington Power Generation by type



Source: U.S. Energy Information Administration

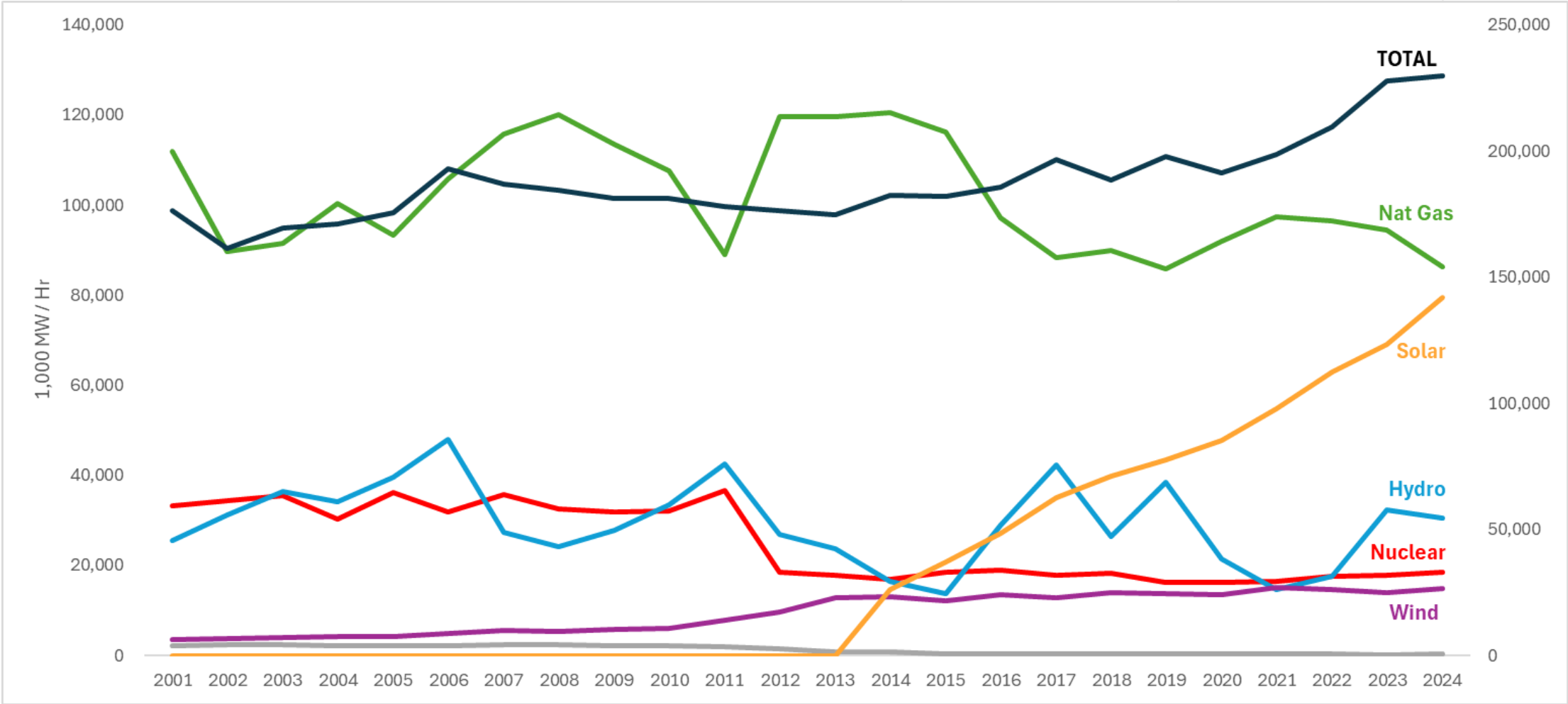
# Oregon Power Generation by type



Source: U.S. Energy Information Administration

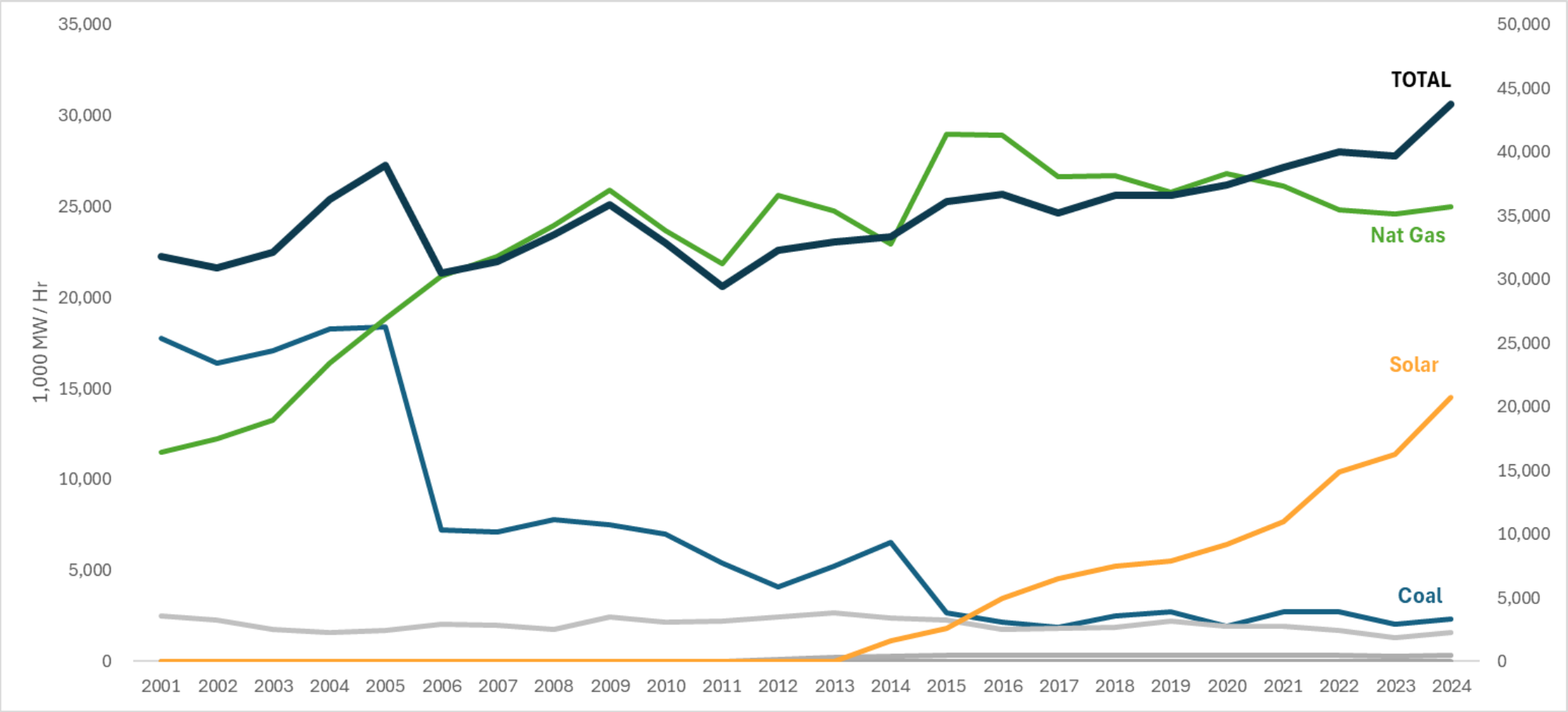


# California Power Generation by type



Source: U.S. Energy Information Administration

# Nevada Power Generation by type

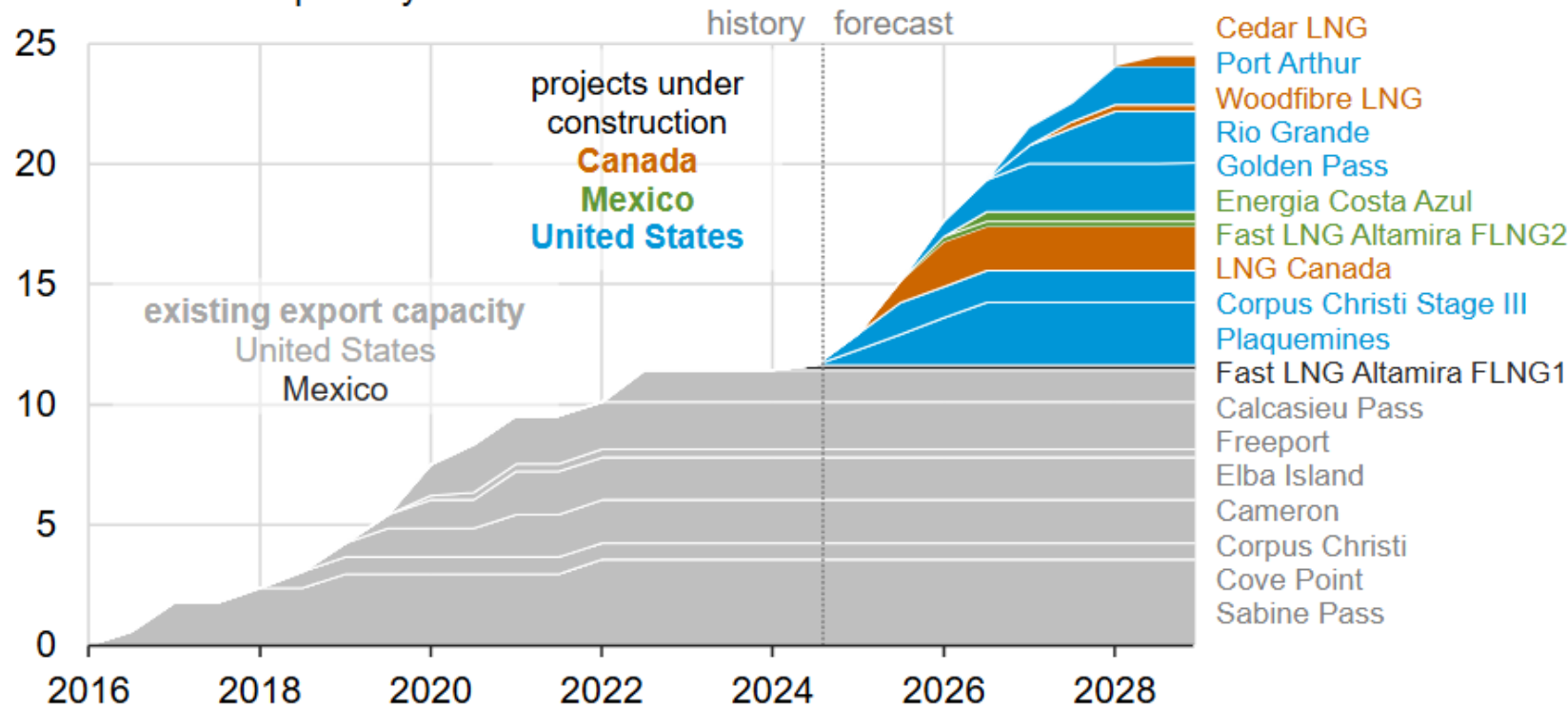


Source: U.S. Energy Information Administration

# North America LNG Export Facilities

**North America liquefied natural gas export capacity by project (2016–2028)**

billion cubic feet per day



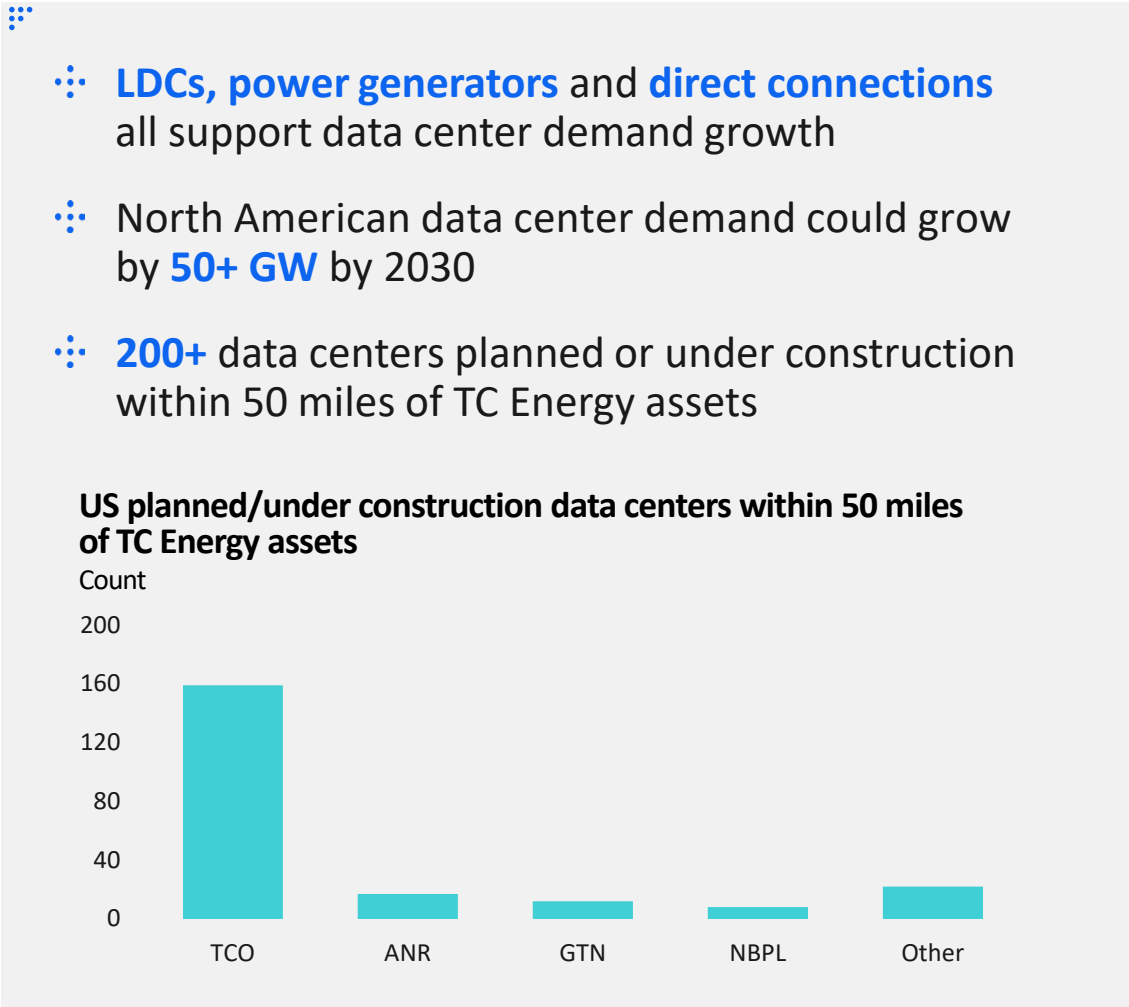
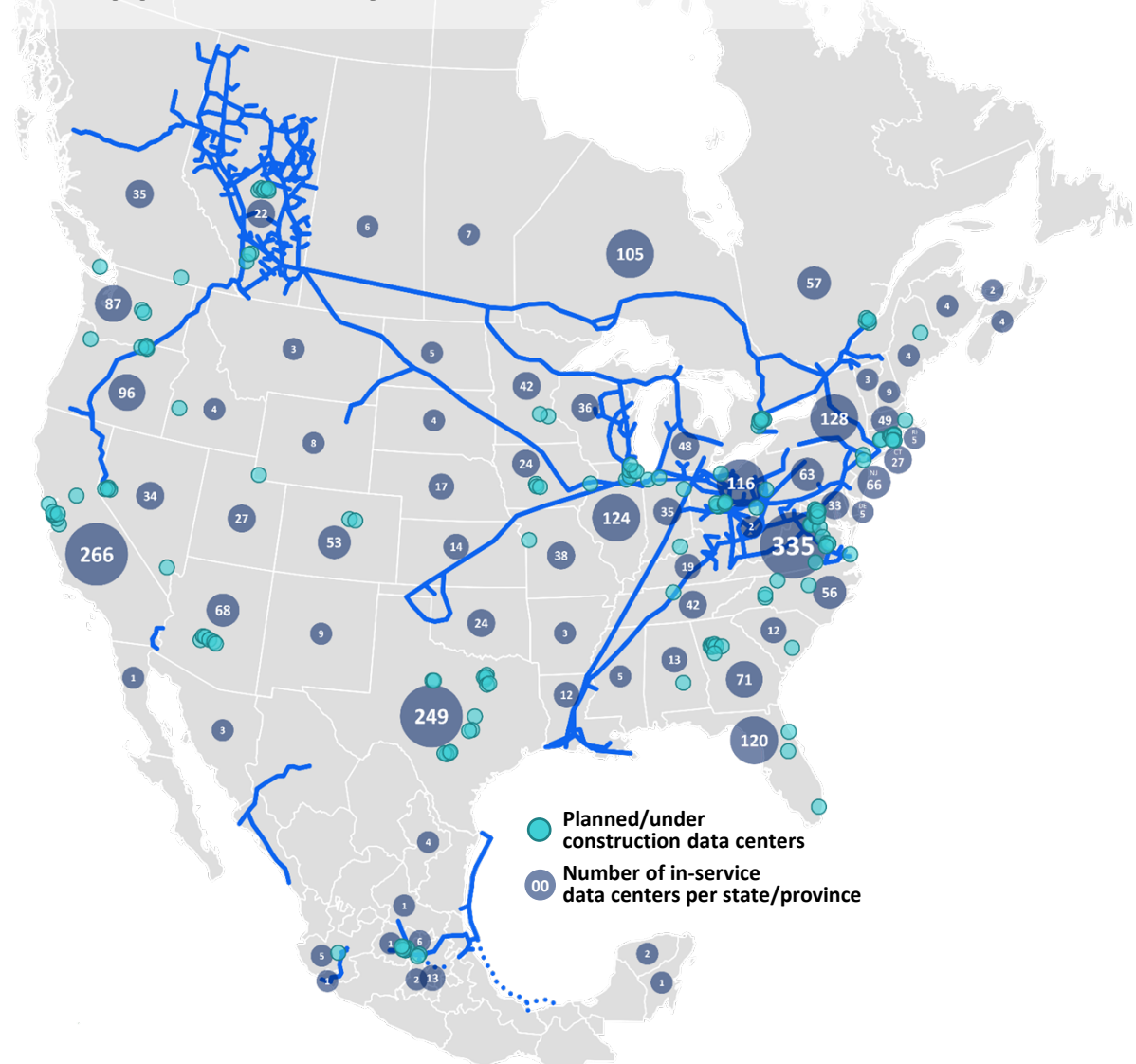
**Data source:** U.S. Energy Information Administration, [Liquefaction Capacity File](#), and trade press

**Note:** Export capacity shown is project's baseload capacity. Online dates of LNG export projects under construction are estimates based on trade press. LNG=liquefied natural gas; FLNG=floating liquefied natural gas

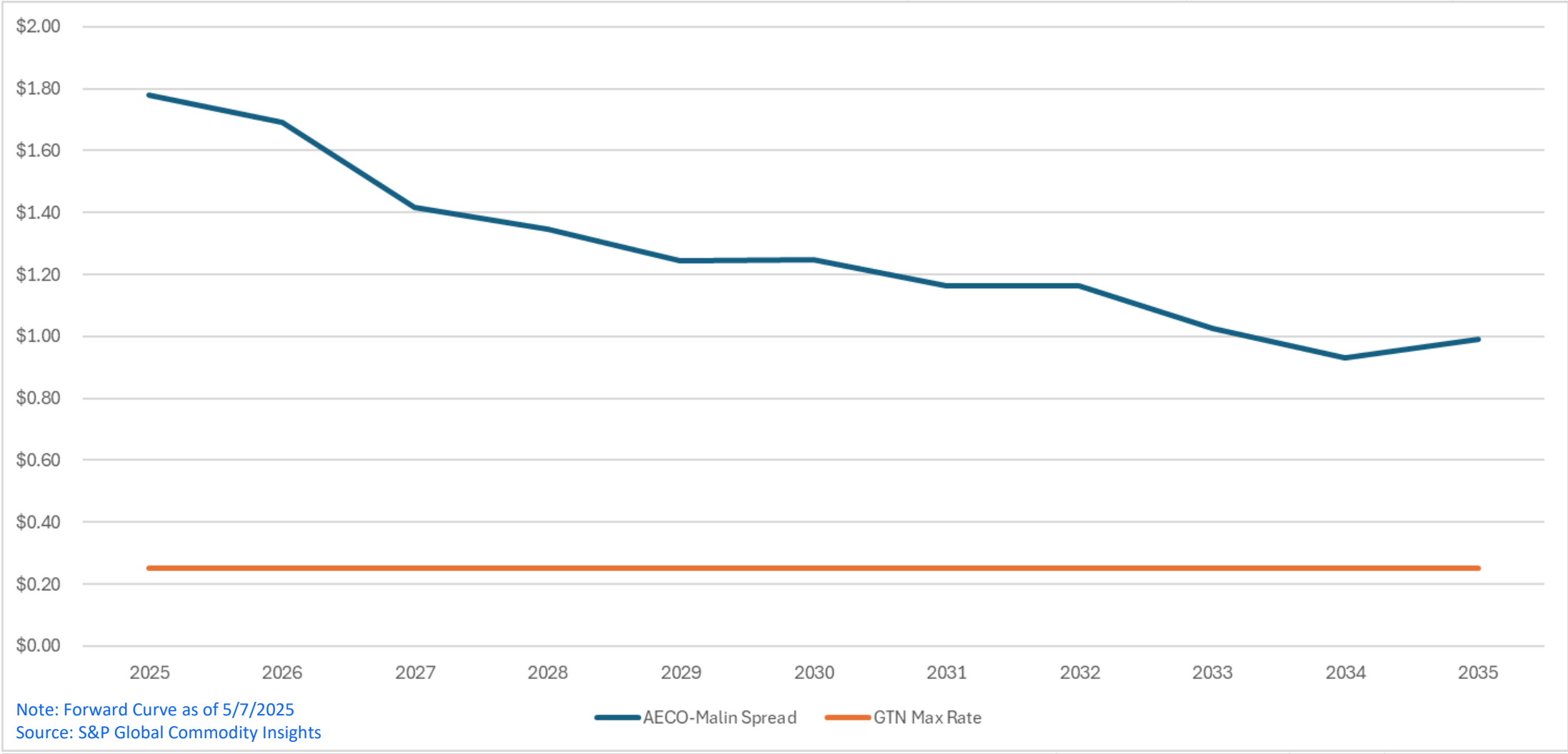


# Data centers seeking the reliability of natural gas

Approximately two-thirds of 350+ data centers being built are within 50 miles of our assets



# AECO-Malin 10 Year Forward Pricing Delta



# Question & Answer