

# NGPL Customer Meeting

September 21, 2023

- Welcome
- Legal Cautionary Statement
- Pipeline Operations Update
- Regulatory Update
- Fundamentals Update
- Business Development Update
- Afternoon/Evening Schedule
- Closing Remarks

**Natural Gas Pipeline Company**  
of America LLC

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# Legal Cautionary Statement

Maria Pavlou  
Vice President - Legal



Please keep in mind that sharing your company's forecasts, predictions, pricing plans, production plans or purchasing plans with competitors is illegal. Please do not discuss current or future prices, price trends, production, demand or other sensitive information with persons who are your competitors. Please do not use this meeting as a forum to share information that is proprietary or confidential. I'm sure that each of your employers has an antitrust policy in place. I ask that you keep that policy and the antitrust laws in mind during today's formal and informal activities.

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of America LLC

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# Pipeline Operations Review

Ganesh Venkateshan  
Director – NGPL Gas Control

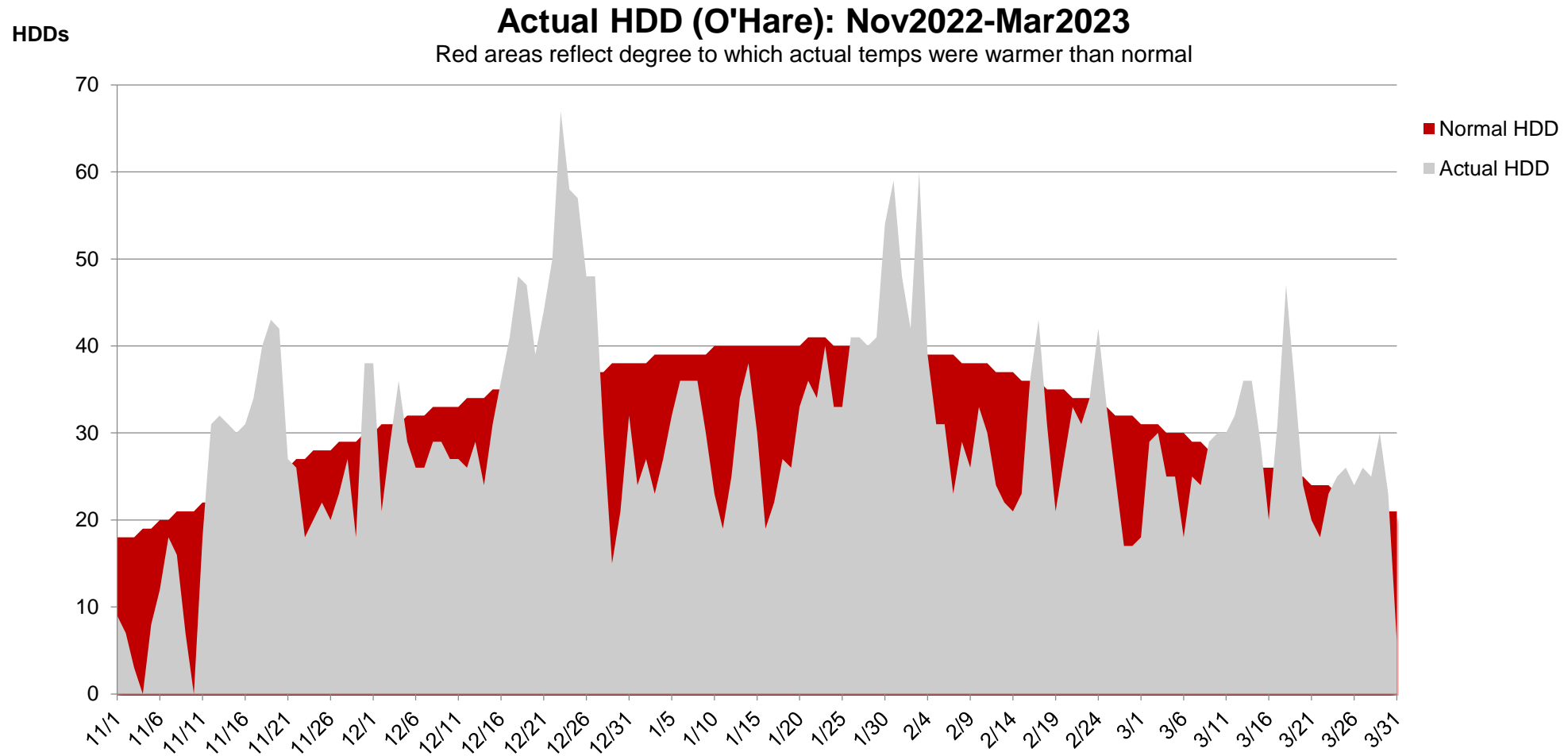


- Winter 2022-23 Recap
  - Weather
  - System Deliveries
  - Storage Update
- Summer 2023 Recap
- Outage Impact Report

## Winter 2022-23 Recap

- 2022/2023 winter operations were very steady, with the brief but intense weather of late December with no significant operational issues or scheduling interruptions
- During periods of extended colder than normal weather, the system functioned as designed
  - No pressure issues in the Market Delivery Zone
  - Compressor stations staffed 24x7, as needed
- Winter 22/23 total throughput was flat compared to Winter 21/22 driven by generally milder weather
- Storage assets were heavily utilized during peak demand periods
  - New single peak withdrawal (3.6 Bcf) day and a 3 day peak (10.4 Bcf) set during Elliott.
  - 2<sup>nd</sup> highest December withdrawal on record
- No OFOs issued during Winter 22/23

# Winter Weather 2022-23



<b>HDD - 22/23</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Total</b>
Actual	651	1,108	1,019	872	820	4,470
Normal	715	1,072	1,232	1,016	808	4,843
(warmer)/colder	(64)	36	(213)	(144)	12	(373)
% of normal	91%	103%	83%	86%	101%	92%

a) Normals are sourced from NOAA



# Winter System Deliveries

	22/23 Nov – Mar	21/22 Nov – Mar	% Change
LDC	2,875	2,732	5%
LNG	1,417	1,553	-9%
Interconnects	987	946	4%
Power	443	493	-10%
Industrial	65	58	12%
<b>Total Market</b>	<b>5,787</b>	<b>5,782</b>	<b>0%</b>

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# NGPL Gas Storage Inventory Update

- **2022-23 Winter Season Lookback**
  - Strong market and field reservoir performance throughout season
  - 2<sup>nd</sup> highest December storage withdrawal
  
- **2023 Summer Preview**
  - Market-area fields projected to achieve target inventory level
  - North Lansing and Sayre inventories projected to be near full on October 31<sup>st</sup>, dependent on customer utilization

# Summer 2023 Recap

- Total System deliveries are up compared to 2022
- 2023 Summer operations saw continued strong demands system wide
- Focus on storage injections and reservoir maintenance
  - Meet October 31<sup>st</sup> Storage Inventory Targets
- Summer season demand picked up substantially
  - Summer 2023 total throughput in July-Aug up 20% compared to Summer 2022 driven by weather
    - Summer 2023 Power demand up 37% compared to previous Jul-Aug
    - NGPL set several daily delivery records for power generation this summer (9 out of top 10)
    - Deliveries to pipeline interconnects up significantly
- Active maintenance season
  - Outages posted on EBB (updated weekly)
  - New Outage Impact Report introduced this summer

# Summer System Deliveries

## Year to Date Summary

	2023 Jan – Aug	2022 Jan – Aug	% Change
LDC	2,185	2,042	7%
LNG	1,370	1,494	-8%
Interconnects	1,077	846	27%
Power	736	589	25%
Industrial	65	58	12%
<b>Total Market</b>	<b>5,433</b>	<b>5,029</b>	<b>8%</b>

## Quarter over Quarter Summary

	2023 Jul – Aug	2022 Jul – Aug	% Change
LDC	1,562	1,395	12%
LNG	1,390	1,477	-6%
Interconnects	1,288	794	62%
Power	1,227	898	37%
Industrial	64	55	16%
<b>Total Market</b>	<b>5,531</b>	<b>4,619</b>	<b>20%</b>

# Outage Impact Report

## Planned Service Outage

Sep 14 Seg 15 - Cs 801 - Pipeline Maintenance  
Sep 14 Seg 33- Cs 113 - Install Launch/Rec-Upd4

Page: [1] 2 3

## Capacity Constraints/FMJ

Sep 13 Force Majeure- Seg 8- Pipe Remed -Lifted  
Sep 12 Force Majeure- Seg 8- Pipe Remed - Upd 2

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## Other Critical

Sep 13 Current Pipeline Conditions  
Sep 12 Current Pipeline Conditions

Page: [1] 2 3

## Non-Critical Notices

Sep 13 Os2309-2 Iail To La And Stx To Stx  
Sep 08 Os2309-1 Texok To Stx

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## Open Seasons (See Info Postings for all notices)

Sep 08 Rofrn0923-1  
Open Season Documents

## Service Programs

- ⊕ Hub America
- ⊕ LPS/SRO Program
- ⊕ FastFirm

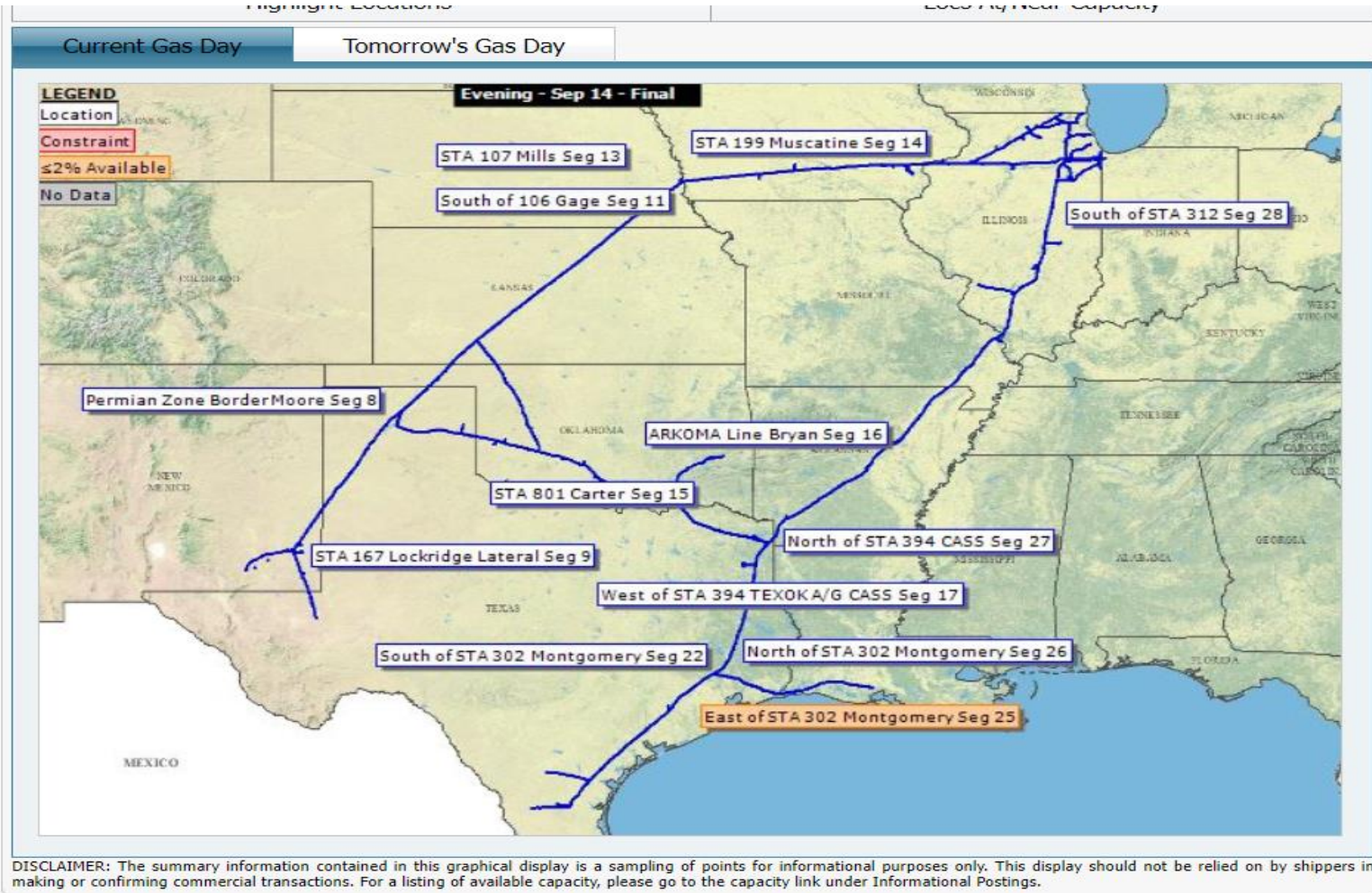
## Other Postings

### All Notices

[Critical Notices](#)  
[Non-Critical Notices](#)

### Operating Information

[Outage Impact Report](#)  
[Maintenance Outages \(Excel\)](#)



## Weather Forecast data from weather.gov

[Chicago](#)  
[Omaha](#)  
.....

## On Call Assistance

Scheduling Hotline	(713) 369-9683
Gas Control Hotline	(800) 733-2490

# Outage Impact Report

<b>NGPL - Outage Impact Report Seven Day Forecast (updated 09/12/23)</b>								-Significant restrictions to subscribed capacity may be necessary.
								-Major restrictions to subscribed capacity may be necessary.
								-Minor restrictions to subscribed capacity may be necessary.
								-No anticipated impact to subscribed capacity.
Station / Seg	Monday (9/18)	Tuesday (9/19)	Wednesday (9/20)	Thursday (9/21)	Friday (9/22)	Saturday (9/23)	Sunday (9/24)	Primary Outage(s) that may Impact Throughput
Est. Minimum Percentage of Available Contracted MDQ								
Station 167 (segment 8 FH)	100%	100%	100%	100%	100%	100%	100%	
Station 104 (segment 11 FH)	100%	100%	100%	100%	100%	100%	100%	
Station 107 Mills (segment 13 FH)	100%	100%	100%	100%	100%	100%	100%	
Station 801 (segment 15 FH)	100%	100%	100%	100%	100%	100%	100%	
West of Sta 394 (segment 17 BH)	100%	100%	100%	100%	100%	100%	100%	
South of Sta 341 (segment 20 FH)	100%	100%	100%	100%	100%	100%	100%	
South of Sta 302 (segment 22 FH)	100%	100%	100%	100%	100%	100%	100%	
East of Sta 302 (segment 25 FH)	56%	100%	100%	100%	100%	100%	100%	X23-271131: 302: Station Maintenance (9/12/2023 - 9/18/2023)
North of Sta 302 (segment 26 BH)	100%	100%	100%	100%	100%	100%	100%	
North of Sta 394 (segment 27 FH)	100%	100%	100%	100%	100%	100%	100%	
This document is updated on a weekly basis and outage schedules/impacts are subject to change as the week progresses. Dates posted on DART should be deemed correct in the event of conflicts between DART posted dates and dates on this report. The impacts sheet are based on steady-state hydraulic models assuming recent operating flows, conditions, and various unit outages.								

# Outage Impact Report

<b>NGPL - Outage Impact Report</b> <b>September 2023 (updated 09/12/23)</b>					-Significant restrictions to subscribed capacity may be necessary.
					-Major restrictions to subscribed capacity may be necessary.
					-Minor restrictions to subscribed capacity may be necessary.
					-No anticipated impact to subscribed capacity.
Station / Seg	Week 1 (9/4 - 9/10)	Week 2 (9/11 - 9/17)	Week 3 (9/18 - 9/24)	Week 4 (9/25 - 10/1)	Primary Outage(s) that may Impact Throughput
	Est. Minimum Percentage of Available Contracted MDQ				
Station 167 (segment 8 FH)				100%	
Station 104 (segment 11 FH)				100%	
Station 107 Mills (segment 13 FH)				100%	
Station 801 (segment 15 FH)				100%	
West of Sta 394 (segment 17 BH)				100%	
South of Sta 341 (segment 20 FH)				100%	
South of Sta 302 (segment 22 FH)				100%	
North of Sta 302 (segment 26 BH)				100%	
North of Sta 394 (segment 27 FH)				100%	

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# Regulatory Update

Dave Dewey  
Vice President – Regulatory Affairs





# The Federal Energy Regulatory Commission

## The Commissioners



Commissioner  
Christie



Commissioner  
Clements



Commissioner  
Danly



Chairman  
Phillips



## FERC Developments

- Chairman Glick's term expired in 2022 and he left the Commission
- No further developments on nominees for a fifth FERC Commissioner
  - Commissioner Danly's term expired June 30, 2023 – Potential for a "package deal"
    - Danly may serve until Congress adjourns at the end of 2023
    - There are whispers that Commissioner Danly may not be seeking an additional term
- One of the best four-member Commissions in the agency's history (so far)

## FERC Outreach

- We invest significant time and effort with our regulators
- We focus on being solutions oriented
- Good regulatory relationships enable us to provide increased value to our customers

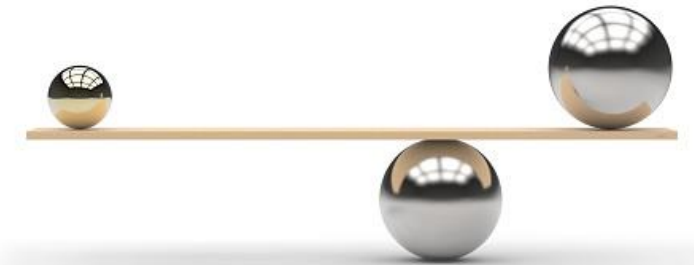
## Possible nominees for fifth FERC Commissioner

- Judy Chang – Former Undersecretary of Energy & Climate Solutions / Massachusetts Executive Office of Energy & Environmental Affairs
- Matthew Christiansen – Current FERC General Counsel
- Rick Kessler – Senior Democratic adviser for the House Energy and Commerce Committee

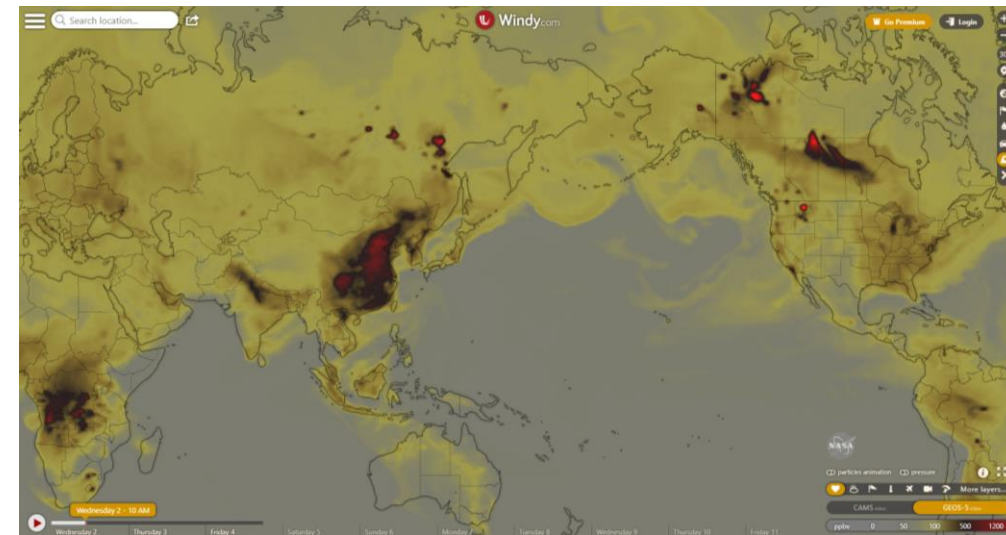
# Rebalancing the Value Proposition

## Certificating Transportation Infrastructure

- September 1999 – FERC issues certificate policy statement to provide industry certainty
  - Works flawlessly for almost two decades
- February 2018 – FERC decides it wants to revisit its certificate policy statement
- February 2022 - Updated Certificate Policy Statement and Interim GHG Policy Statement
  - New policy statement is essentially a balancing test with a heightened emphasis on (1) **need**, (2) analyzing **adverse effects**, and (3) **environmental justice**
  - Project sponsors are responsible for avoiding direct and indirect impacts to the greatest extent possible
- March 2022 – Converted the new policy statements to **drafts**



## CO<sub>2</sub> Emissions Map



## Creating Services Customers Need

- Renewable Energy = Intermittency
  - Solutions to Intermittency → Storage, Hourly Services
- FERC's 2nd New England Winter Gas-Electric Forum (June 20, 2023)
  - Highlighted deep divisions in policymakers' and stakeholders' views on energy

## Envisioning Services Customers Want

- How can we help you to meet your reduced carbon intensity goals & mandates?
  - Certifying the pipeline
  - Reducing the carbon intensity of the transportation path
- How do we unlock the value proposition?

**What problem are we trying to solve?**

## Roundtable on Environmental Justice and Equity in Infrastructure Permitting

- On March 29, 2023, the FERC held a Commissioner-led roundtable to discuss environmental justice and equity in its jurisdictional infrastructure permitting processes
  - Panel 1: Priorities for Advancing Environmental Justice and Equity in Infrastructure Permitting
  - Panel 2: From the Front-Line: Impacted Communities and their Everyday Challenges
  - Panel 3: Identifying, Avoiding, and Addressing Environmental Justice Impacts
  - Kinder Morgan participated on Panel 3
- Some calls to block pipeline infrastructure solely on the basis of environmental justice
- Chairman Phillips encouraged all the feedback but cautioned that FERC has to act within the law and said a lot what was raised is “nonjurisdictional.”
  - *“We have to approve things that are brought to us and fit within that law”* and FERC’s precedents, he said. *“That is a part of the job of FERC whether you like it or not.”*

## Responsible Infrastructure Development Is Imperative

- The industry has always been a good neighbor
- There are opportunities for us to be even better



## Mountain Valley Pipeline

- October 2015 – Certificate application filed
- October 2017 – FERC certificate issued
- Early-2018 – Construction began (projected in-service late-2019)
- 2018-2023 – Multiple judicial appeals & stays (primarily 4<sup>th</sup> Circuit Court of Appeals)
- July 27, 2023 – U.S. Supreme Court paves the way for completion of the project
- Did the Mountain Valley Pipeline Project truly affront environmental justice in the region?

## Lower Energy Costs Act

- On March 30, 2023, the House of Representatives approved by a bipartisan vote H.R. 1, the Lower Energy Costs Act → First major legislative initiative in the 118<sup>th</sup> Congress
- Possesses the ability to improve federal permitting processes for interstate natural gas pipelines, as well as other energy infrastructure projects.
- Clarifies the scope of an agency's National Environmental Policy Act (NEPA) analyses on proposed projects and its focus on feasible alternatives
- Strengthens the FERC's primary permitting role on natural gas infrastructure
- Recognizes the export of natural gas as being in the public interest
- Unlikely to pass in the Senate

## Good Neighbor Rule

- Environmental Protection Agency (EPA) rule effective August 4, 2023.
  - Aimed at reducing nitrogen oxide pollution from power plants and other industrial facilities in 23 states
  - Also includes natural gas pipeline compressor engines > 1000 horsepower
  - The rule requires compliance by May 1, 2026
- NGPL's initial cost estimate to comply with the rule is material
- The ultimate number of engines requiring controls will depend on the outcome of pending litigation and compliance plans
- Litigation has been commenced by Kinder Morgan, INGAA, and numerous other parties



# What is on the horizon?

## Certainty & Stability

- The current NGPL settlement and moratorium affords customers, shippers, and NGPL a period of regulatory certainty and stability
- Also provides an opportune window of time to collaborate on future needs

## Political Challenges

- The climate in Washington, DC is presenting headwinds for the natural gas and fossil fuels industries

## Opportunities

- The challenges presented by the extreme winter weather events over the last decade including Winter Storm Elliott in December 2022 demonstrate the need for natural gas and reliable transportation/storage infrastructure
- Americans are embracing renewable energy
  - 67% of U.S. adults prioritize...
    - developing alternative energy sources, such as wind and solar, over expanding the production of oil, coal and natural gas
    - taking steps to become carbon neutral by 2050
  - At the expense of affordability? Reliability?
    - The Institute for Energy Research estimates that wind power is about twice as expensive as conventional gas-fired power, and that solar power is almost three times as expensive

## Path toward Solutions

- How can we collaborate to shape the views of policymakers (particularly at the state level)?
- How can we tailor services to better meet your needs?



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# Fundamentals Outlook

Tom Mikucki  
Director – Market Services

# Summary of Key Messages & Trends

Natural gas demand is forecast to rise 20.9 Bcf/d between 2023 (100.9 Bcf/d) and 2028 to 121.8 Bcf/d, led by LNG and Mexico exports growth along with moderate growth in the power, residential and commercial sectors.

- **LNG nameplate capacity** grows by 14.2 Bcf (~108%) to 2028, and is a continued source of demand growth and expansion opportunities.
- **Exports to Mexico** growth in power, industrial demand and LNG exports; Energia Costa Azul LNG (+0.45, mid-2025) and Mexico Pacific Limited (+2.6, mid-2027) are demand sources for Permian gas.
- **Power generation demand** reached a record high of 35.2 Bcf/d 2023 YTD, up 1.7 Bcf/d from 2022 YTD. From 2023 to 2028, we assume the addition of 129 GW of wind and solar capacity, growing an additional 71 GW by 2032. Coal retirements and renewable backstopping are supporting our gas generation forecast and the need for enhanced deliverability off our systems.
- **Industrial gas demand** is flat along the Gulf Coast and down in the L48.

We expect US Lower 48 annual gas production to average 100.1 Bcf/d in 2023 and 102.2 Bcf/d in 2024, reaching 117.8 Bcf/d in 2028.

- **Production is marginally lower** in 2023 and 2024 compared with our previous outlook, reflecting rig reductions from Q2 2023 (-51 rigs), but YoY supply has nevertheless grown 3.4 Bcf/d. We expect flat supply in the next few months which could create volatility if we experience a cold winter. Our long-term supply forecast is lower, driven by the reduced LNG exports outlook by 2028 due to later in-service dates

	Change (2023-2028)	2028	% Change
<b>L48 Supply</b>	<b>+16.5</b>	<b>117.8</b>	<b>+16%</b>
Power	+3.3	35.5	+10%
Industrial	-0.5	21.5	-2%
LNG Exports	+10.6	23.6	+44.9%
Mexico Exports	+4.0	9.8	+68%
Other Demand	+3.5	31.3	+13%
<b>Total Demand</b>	<b>+20.9</b>	<b>121.8</b>	<b>+17.2%</b>
Henry Hub	+\$2.50	\$5.28	+89%
WTI	-\$9.70	\$68.69	-9%

# Natural Gas Macro Comparisons

	KM (2023)				KM (2024)				KM (Annual)				WM (STO Aug 2023)		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2022	2023	2024	2025	2023	2024	2025
Production	101.2	101.8	102.0	100.0	98.9	100.8	101.7	102.1	95.4	101.3	100.9	104.3	101.7	101.6	102.9
Net Canadian Imports	3.4	3.8	5.0	4.9	5.0	4.5	5.7	5.1	5.1	4.3	5.1	4.9	5.4	6.1	6.2
Supply	104.6	105.6	107.0	104.9	103.9	105.3	107.5	107.3	100.6	105.6	106.0	109.2	107.9	108.6	109.9
Res. & Comm.	37.6	14.1	8.2	25.8	39.7	13.7	7.9	26.0	23.5	21.3	21.8	21.9	22.0	22.9	23.0
Industrial	23.5	21.2	19.6	23.5	23.4	21.1	21.5	23.7	22.5	21.9	22.5	22.6	23.2	23.7	24.7
Power	28.9	28.3	40.9	30.9	28.3	31.6	42.3	31.6	32.0	32.3	33.6	33.8	35.1	34.2	32.0
Net Exports to Mexico	5.4	6.2	6.2	5.7	6.0	6.6	6.9	6.3	5.7	5.9	6.4	7.1	6.0	6.1	6.6
Net LNG Exports	12.6	13.1	12.5	13.6	14.0	13.7	14.0	16.1	11.9	13.0	14.5	17.3	12.6	13.7	16.1
Other (Lease and Plant Fuel, Pipeline Fuel)	6.2	6.2	6.4	6.5	6.8	6.6	6.7	6.7	6.3	6.5	6.7	7.0	8.8	8.5	8.7
Demand	114.2	89.1	93.9	106.0	118.2	93.3	99.3	110.4	101.9	100.9	105.6	109.5	107.7	109.1	111.1
Imbalance	(9.6)	16.5	13.1	(1.2)	(14.3)	12.0	8.2	(3.2)	(1.3)	4.7	0.4	(0.4)	0.2	(0.6)	(1.2)
March/Oct Storage (Tcf)				3.9	2.2										
Henry Hub (Nominal)	\$3.42	\$2.10	\$2.55	\$3.02	\$3.55	\$3.09	\$3.29	\$3.78	\$6.64	\$2.77	\$3.43	\$2.81	\$2.80	\$2.89	\$3.28
WTI (Nominal)	\$77.85	\$72.87	\$75.49	\$87.34	\$84.94	\$82.67	\$80.69	\$79.03	\$94.04	\$78.39	\$81.83	\$71.95	\$82.53	\$85.18	\$83.50

Despite moderating crude oil and natural gas prices, supply continues to grow in economic basins after 2023



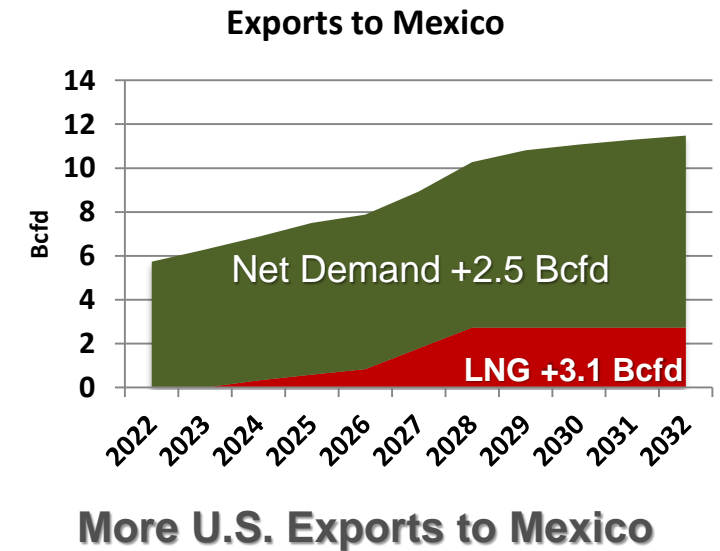
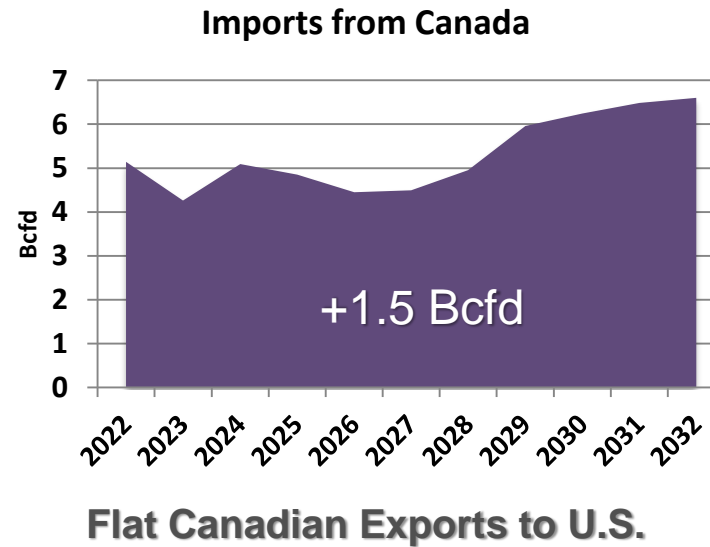
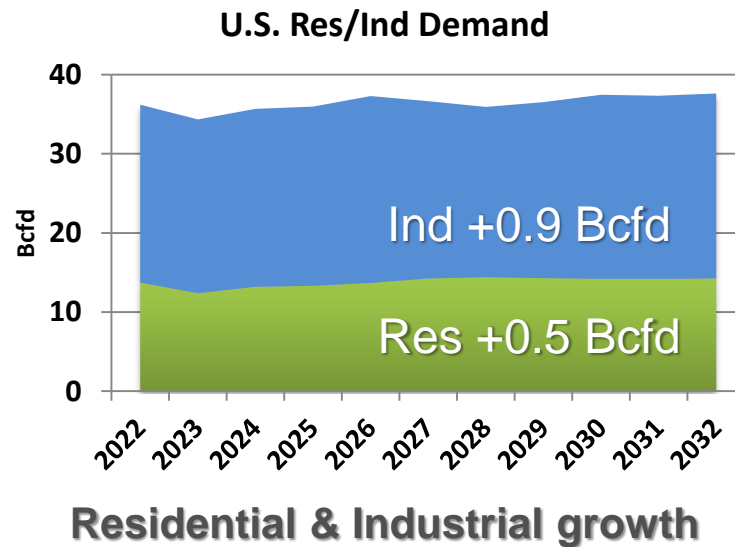
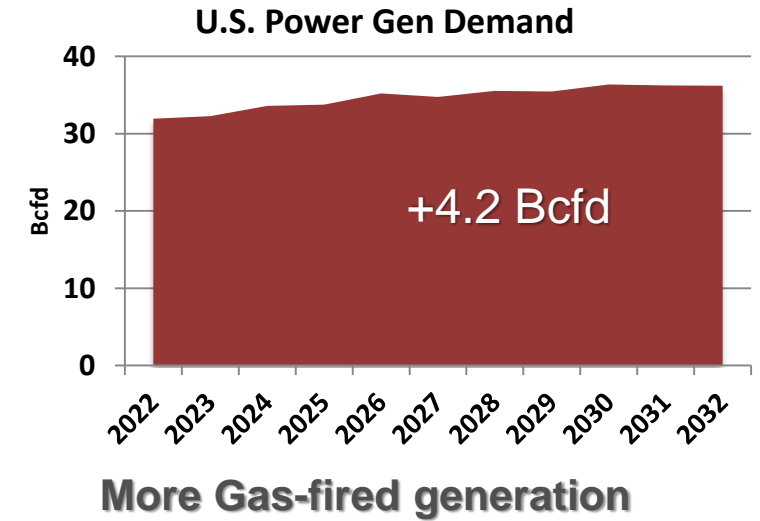
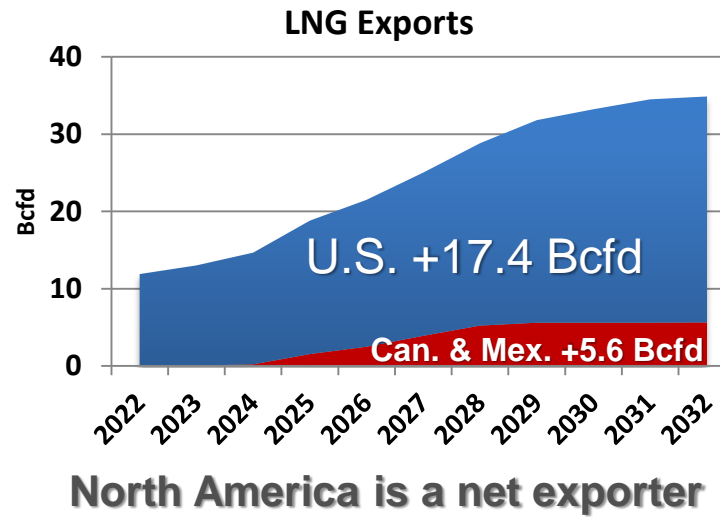
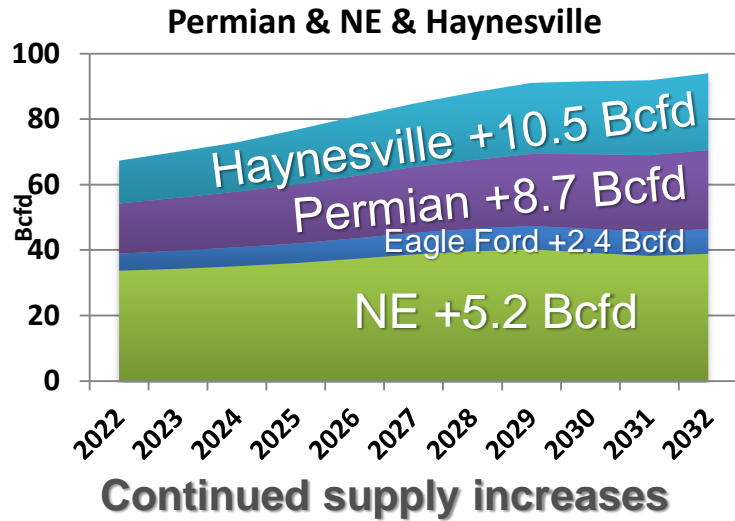
LNG feedgas demand remains robust throughout the forecast. Mexico exports increase due to Mexican LNG exports and domestic demand. Power demand also robust due to coal retirements



Slower LNG export growth in 2023-2025 moderates prices and supply levels off throughout 2023, but prices increase after 2025 as demand increases



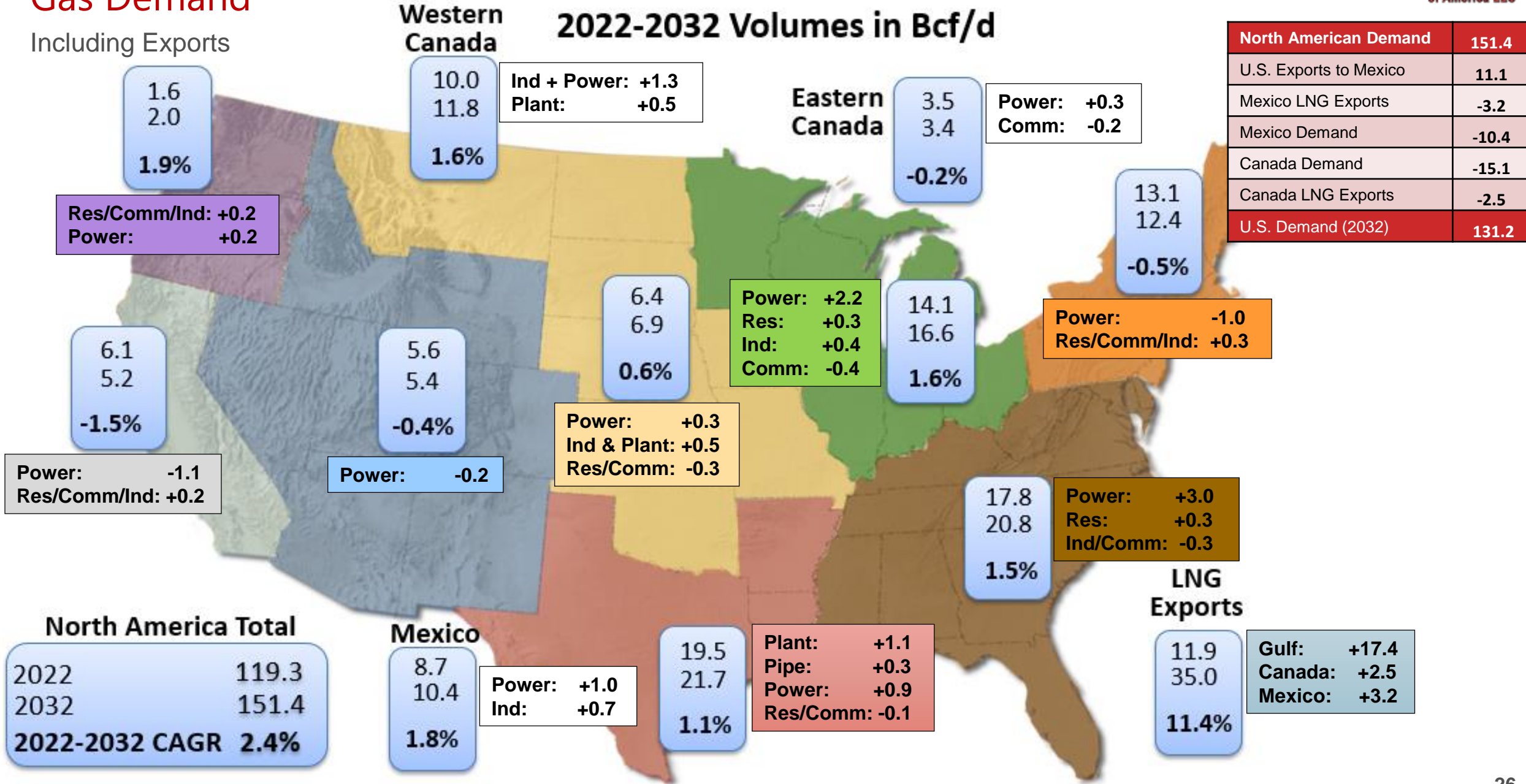
# Key Trends



# Gas Demand

Including Exports

## 2022-2032 Volumes in Bcf/d



North American Demand	151.4
U.S. Exports to Mexico	11.1
Mexico LNG Exports	-3.2
Mexico Demand	-10.4
Canada Demand	-15.1
Canada LNG Exports	-2.5
<b>U.S. Demand (2032)</b>	<b>131.2</b>

# Long-Term Macro Projections

Haynesville leads supply growth with Permian a near second. Northeast and Eagle Ford are also growing, but prices have led to pull back of some rigs which is easing growth in 2023.

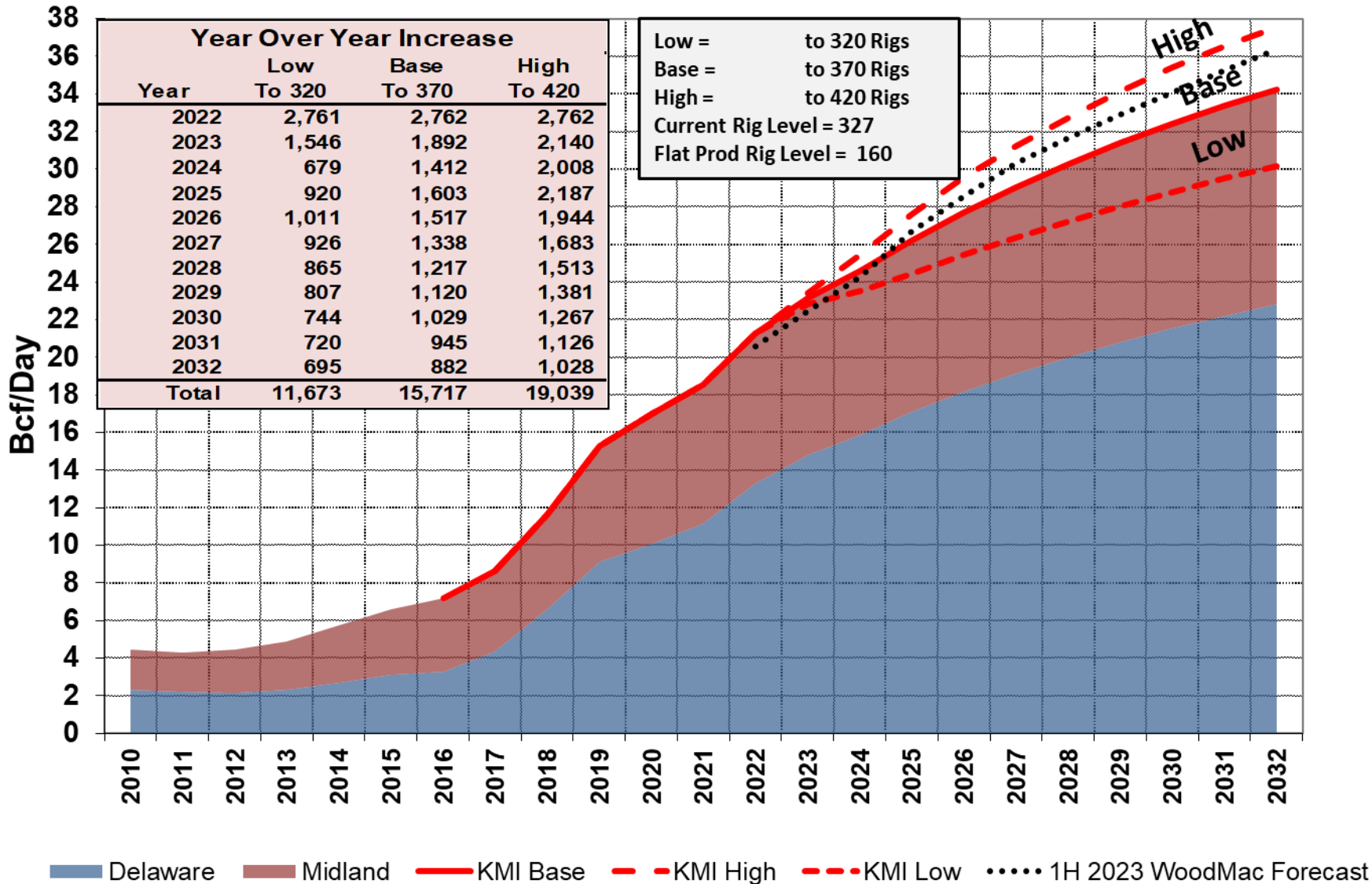
Demand also increases in all sectors led most significantly by LNG, Mexico (also largely for LNG exports), then Power

Power demand becomes more price inelastic as coal retires and less switching can occur while more renewables will require more flexible gas generation

	KM Q3, 2023 Macro							
	2022	2023	2024	2025	2026	2027	2028	2032
Permian	15.4	16.2	17.0	18.0	19.1	20.1	21.1	24.1
Haynesville	13.1	14.0	15.1	16.6	18.1	19.4	20.6	23.6
Midcontinent	10.3	10.4	10.6	10.6	10.7	11.1	11.5	12.1
Eagle Ford	5.2	5.5	5.7	6.0	6.2	6.5	6.8	7.6
DJ/Powder	3.3	3.4	3.5	3.7	3.9	4.1	4.3	4.8
Bakken	2.2	2.2	2.2	2.3	2.4	2.5	2.5	2.7
APP NE	33.7	34.3	35.1	36.0	37.3	38.7	39.6	38.8
Other	12.3	15.3	11.6	11.0	10.7	11.0	11.4	11.9
<b>Total Production</b>	<b>95.4</b>	<b>101.3</b>	<b>100.9</b>	<b>104.3</b>	<b>108.5</b>	<b>113.4</b>	<b>117.8</b>	<b>125.5</b>
Net Canadian Imports	5.1	4.3	5.1	4.9	4.5	4.5	4.9	6.6
<b>Supply</b>	<b>100.6</b>	<b>105.6</b>	<b>106.0</b>	<b>109.2</b>	<b>113.0</b>	<b>117.8</b>	<b>122.7</b>	<b>132.1</b>
Res. & Comm.	23.5	21.3	21.8	21.9	22.3	23.4	23.6	23.1
Industrial	22.5	21.9	22.5	22.6	23.6	22.4	21.5	23.4
Power	32.0	32.3	33.6	33.8	35.2	34.7	35.5	36.2
Net Exports to Mexico	5.7	5.9	6.4	7.1	7.5	8.5	9.8	11.1
Net LNG Exports	11.9	13.0	14.5	17.3	19.0	21.1	23.6	29.2
Other (Lease and Plant Fuel, Pipeline Fuel)	6.3	6.5	6.7	7.0	7.3	7.5	7.7	8.2
<b>Demand</b>	<b>101.9</b>	<b>100.9</b>	<b>105.6</b>	<b>109.5</b>	<b>114.8</b>	<b>117.6</b>	<b>121.8</b>	<b>131.2</b>
<b>Imbalance</b>	<b>(1.3)</b>	<b>4.7</b>	<b>0.4</b>	<b>(0.4)</b>	<b>(1.9)</b>	<b>0.3</b>	<b>1.0</b>	<b>1.0</b>
Henry Hub (Nominal)	\$6.64	\$2.77	\$3.43	\$2.81	\$4.34	\$5.04	\$5.28	\$4.91
WTI (Nominal)	\$94.04	\$78.39	\$81.83	\$71.95	\$69.57	\$69.02	\$68.69	\$71.45

# Permian Basin Wellhead Forecast

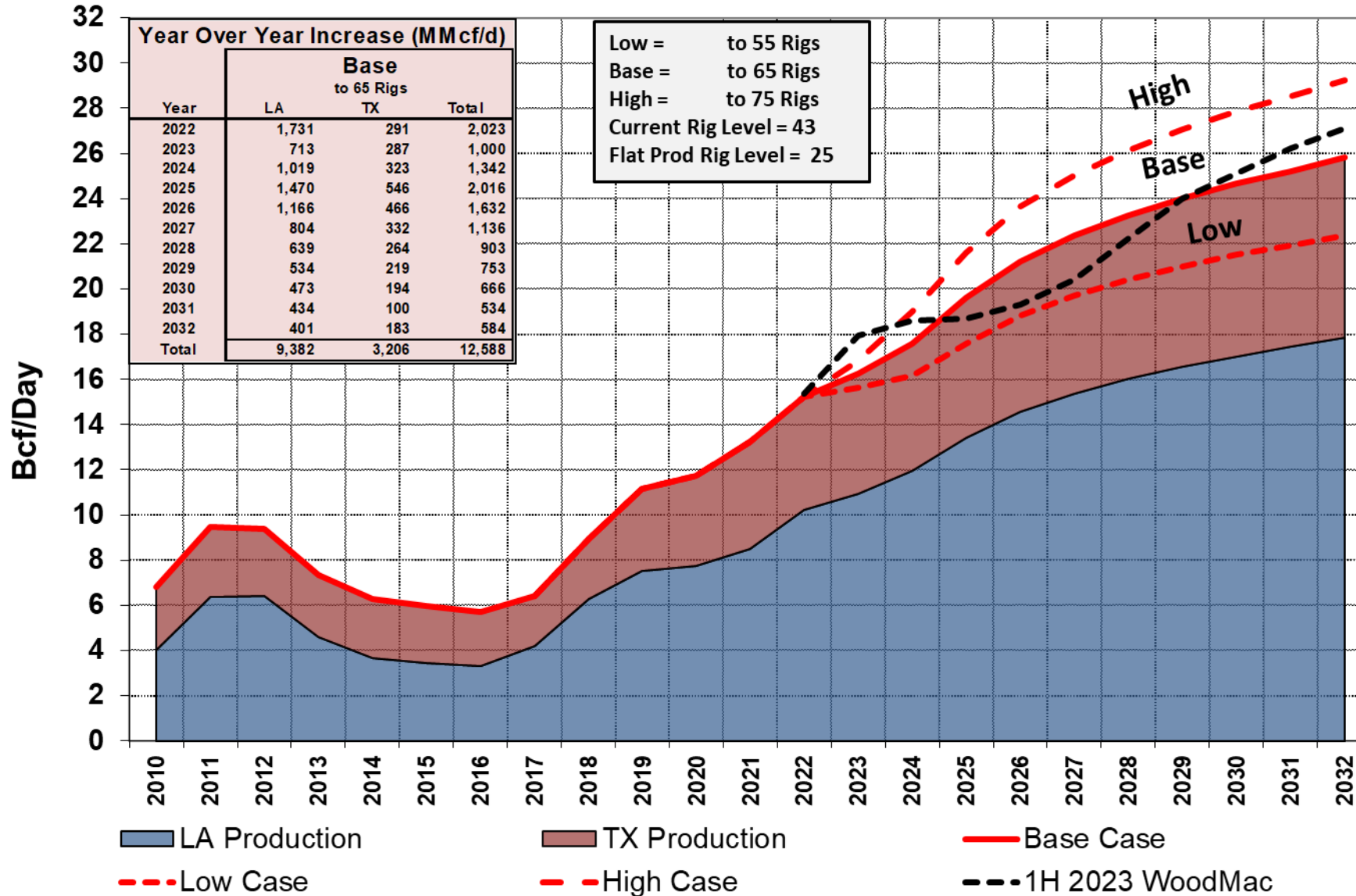
Q3 2023 Base Case



Compared to Q2 2023, the forecast was revised down by 0.3 Bcfd by the end of 2032

# Haynesville Basin Wellhead Forecast

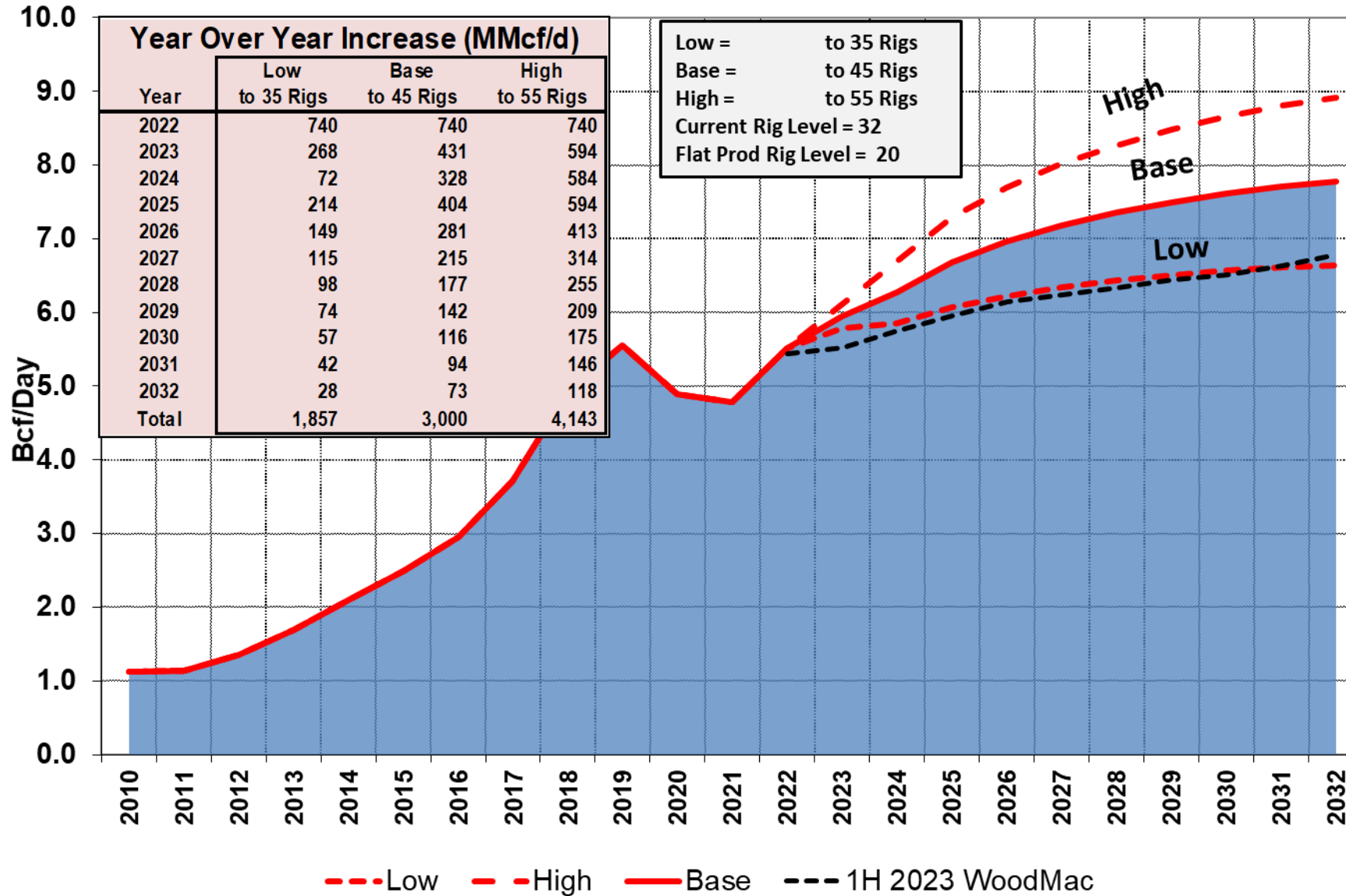
Q3 2023 Base Case



The Haynesville wellhead forecast was revised down 865 MMcfd by the end of the LT forecast (2032) from our Q2 forecast

# SCOOP/STACK Basin Wellhead Forecast

Q3 2023 Base Case



The SCOOP/STACK wellhead forecast was revised down 141 MMcfd by the end of the LT forecast (2032) from our Q2 forecast

# Current Landscape

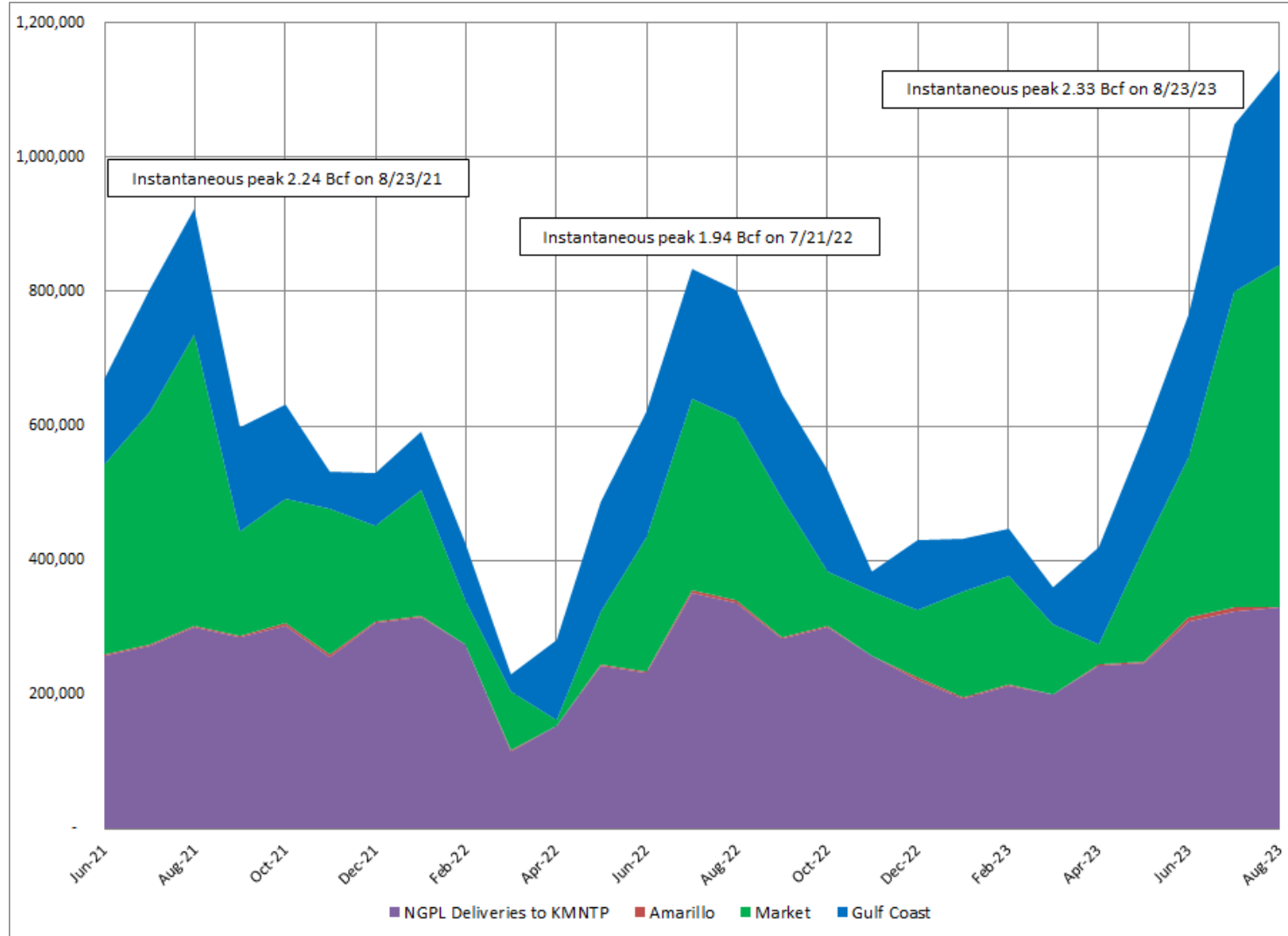
## NGPL Supply

<u>NGPL Receipts (MMDth/d)</u>	<u>July / Aug</u> <u>'23</u>	<u>July / Aug</u> <u>'22</u>	<u>Change</u>		<u>2Q '23</u>	<u>2Q '22</u>	<u>Change</u>
REX Moultrie	1.40	1.15	0.26		1.21	1.22	(0.02)
East Texas	1.39	1.35	0.04		1.74	1.32	0.41
South Texas	0.69	0.54	0.15		0.66	0.46	0.20
Midcontinent	0.68	0.70	(0.02)		0.71	0.70	0.01
Permian	0.51	0.36	0.15		0.45	0.43	0.02
Rockies (excl. REX Moultrie)	0.29	0.23	0.06		0.21	0.27	(0.06)
Northern Border & Alliance	0.27	0.28	(0.01)		0.08	0.21	(0.13)
SE-OK & NE-TX	0.20	0.27	(0.06)		0.28	0.44	(0.16)
Arkansas	0.05	0.09	(0.04)		0.07	0.08	(0.01)
<b>Total</b>	<b>5.50</b>	<b>4.97</b>	<b>0.53</b>		<b>5.40</b>	<b>5.13</b>	<b>0.26</b>

- Recent supply receipts above last year levels
  - Current increase from REX, supporting Market area power demand
  - Current South Texas benefiting from increased ETP Wharton receipts

# Current Landscape

## NGPL Deliveries to Direct Connect Power Plants

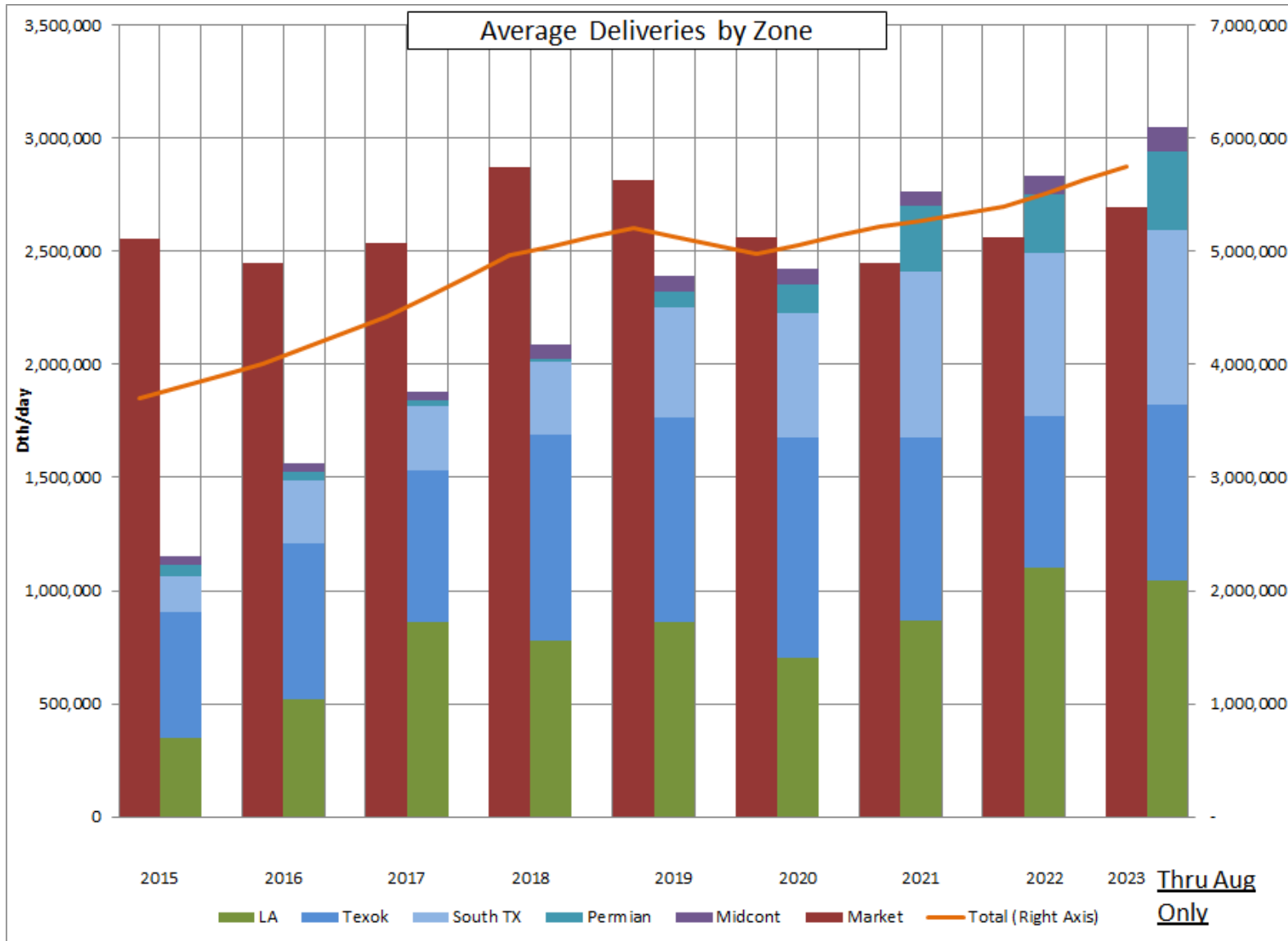


- With lower gas prices YOY recent and hot weather '23 deliveries to the Market Area power plants and KMNTP have been higher YOY
- NGPL serves ~50% of the gas fired generation (12.7 GW) in PJM's ComEd zone (IL)
- NGPL serves ~68% of the gas fired generation (3.5 GW) in MISO Zone 4 (IL)

Chicago CDDs	% of Normal	Average Daily NGPL Power Plant Deliveries (MMDth/d)			
Apr-Oct '21	156%	Apr-Oct '21	0.356	Nov '21-Mar '22	0.208
Apr-Oct '22	138%	Apr-Oct '22	0.330	Nov '22-Mar '23	0.193
Apr-Aug '23	127%	Apr-Aug '23	0.501		
Dallas CDDs	% of Normal	Average Daily NGPL to KMNTP Deliveries (MMDth/d)			
Apr-Oct '21	103%	Apr-Oct '21	0.256	Nov '21-Mar '22	0.253
Apr-Oct '22	125%	Apr-Oct '22	0.271	Nov '22-Mar '23	0.218
Apr-Aug '23	121%	Apr-Aug '23	0.290		



# NGPL Average Daily Deliveries by Zone



- 2023 trends thru Aug vs FY 2022:
- Permian increase primarily at Agua Blanca
- Market Area increase; higher LDC and Power Demand deliveries

**Natural Gas Pipeline Company**  
of America LLC

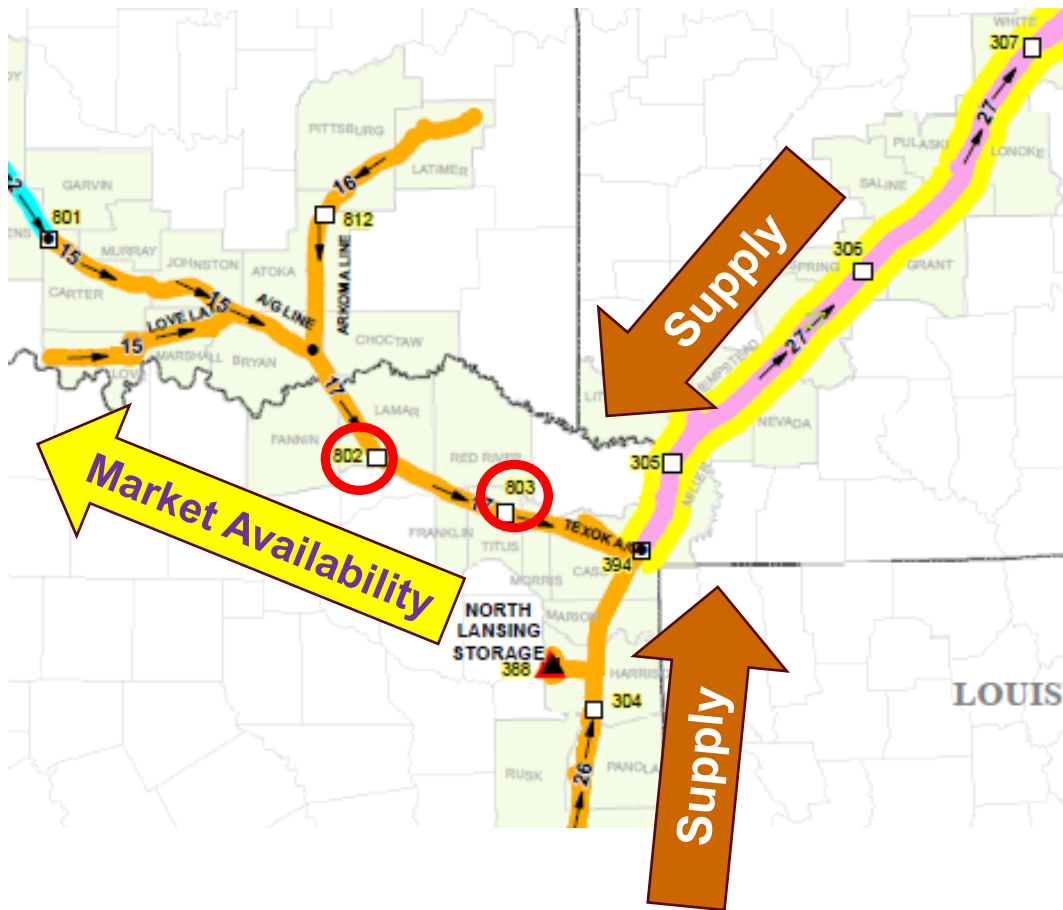
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# Business Development

Lindsey Fritz, Manager  
Stuart Neck, Director



# Red River West Project In Service



## Project Scope:

- Expands NGPL's A/G Line to serve growing power and LDC loads
- Compression and station reversal project

## Description:

**Receipts:** Segments 17, 25 and 26 of Texok Zone and Segment 27 of GCML Zone

**Deliveries:** A/G Line Texok Zone or A/G Line Midcontinent Zone

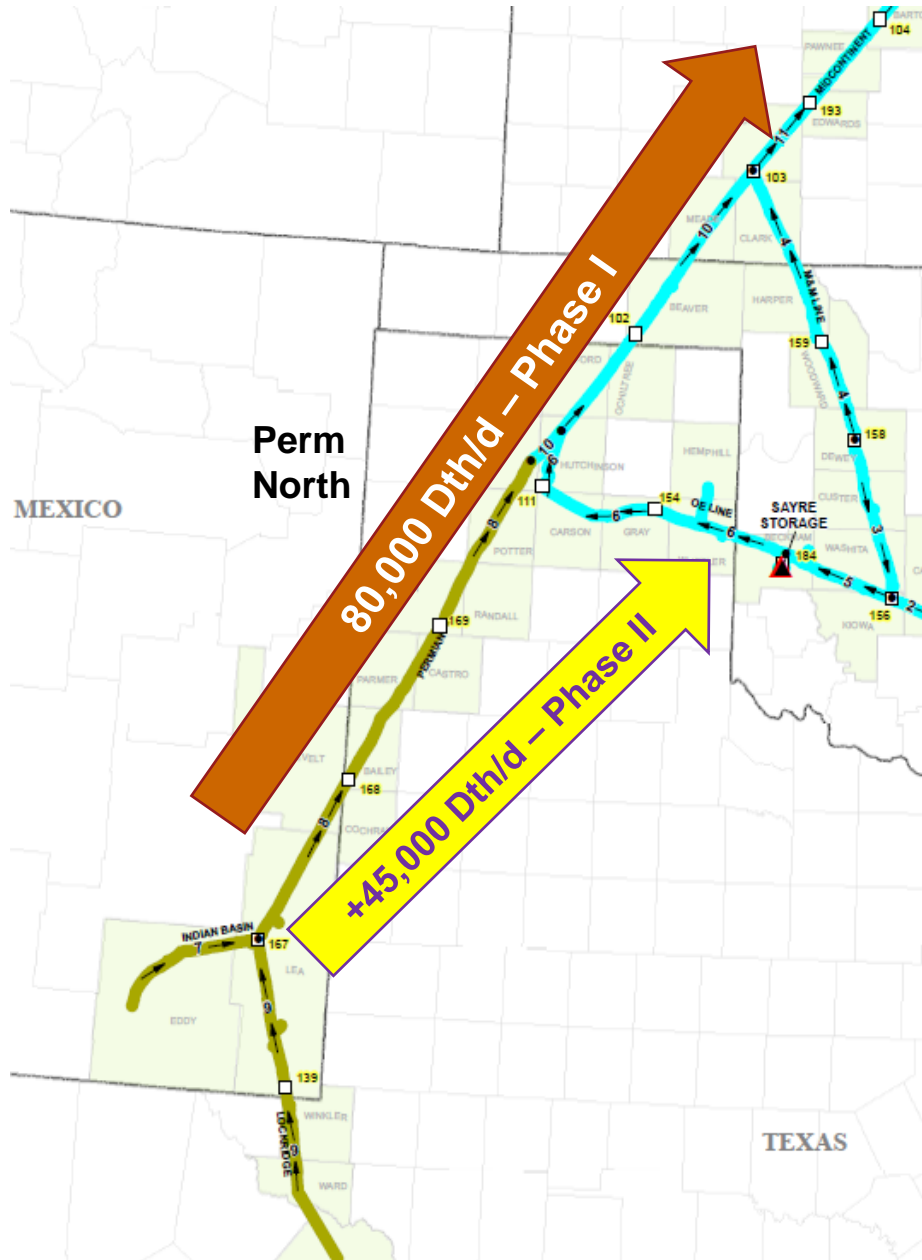
**Capacity:** Up to 250,000 Dth/d

**In-service:** ~12 months after execution of definitive agreements

## Commercial Status/Next Steps:

- Working through the terms and conditions of Phase II with interested shipper(s)

# Permian North



## Project Scope:

- Leverages NGPL's Permian footprint to provide takeaway to liquid Midcontinent Pool and/or Chicago market area
- Compression Project

## Description:

**Receipts:** Permian Receipt Zone, Lockridge Lateral

**Deliveries:** Chicago Markets & Segment 6 (Midcontinent Pool)

## Project Capacity:

80,000 Dth/d to Chicago markets

45,000 Dth/d to Midcontinent

**In-Service:** Targeting 4Q 2024 – Phase I

## Commercial Status/Next Steps:

- In-Service Phase I
- Commercialize Phase II

# Texas – Louisiana Moving Forward



## Project Scope:

- Leverages NGPL’s Gulf Coast footprint to provide expanded access to LNG corridor
- Provides access to TexOk and/or Midwest supply
- Provides access to South Texas supply, Wharton and Katy Hub receipts
- Compression Project

## Description:

**Receipts:** Iowa-Illinois, Gulf Coast Mainline or Texok (Segment 26), South Texas, and Louisiana Receipt Zones

**Delivery:** Louisiana Delivery Zone

**Capacity:** 467,000 Dth/d

**In-Service:** Targeting 2H 2026

**Indicative Reservation Rate:** \$0.30 per Dth of MDQ per day

## Commercial Status/Next Steps:

- FERC Application
- Construction & In-Service

# What's Next?

- Gulf Coast LNG Driven Growth
- Power Demand
- Natural Gas Production Growth
- System Optimization
- Contact Information:

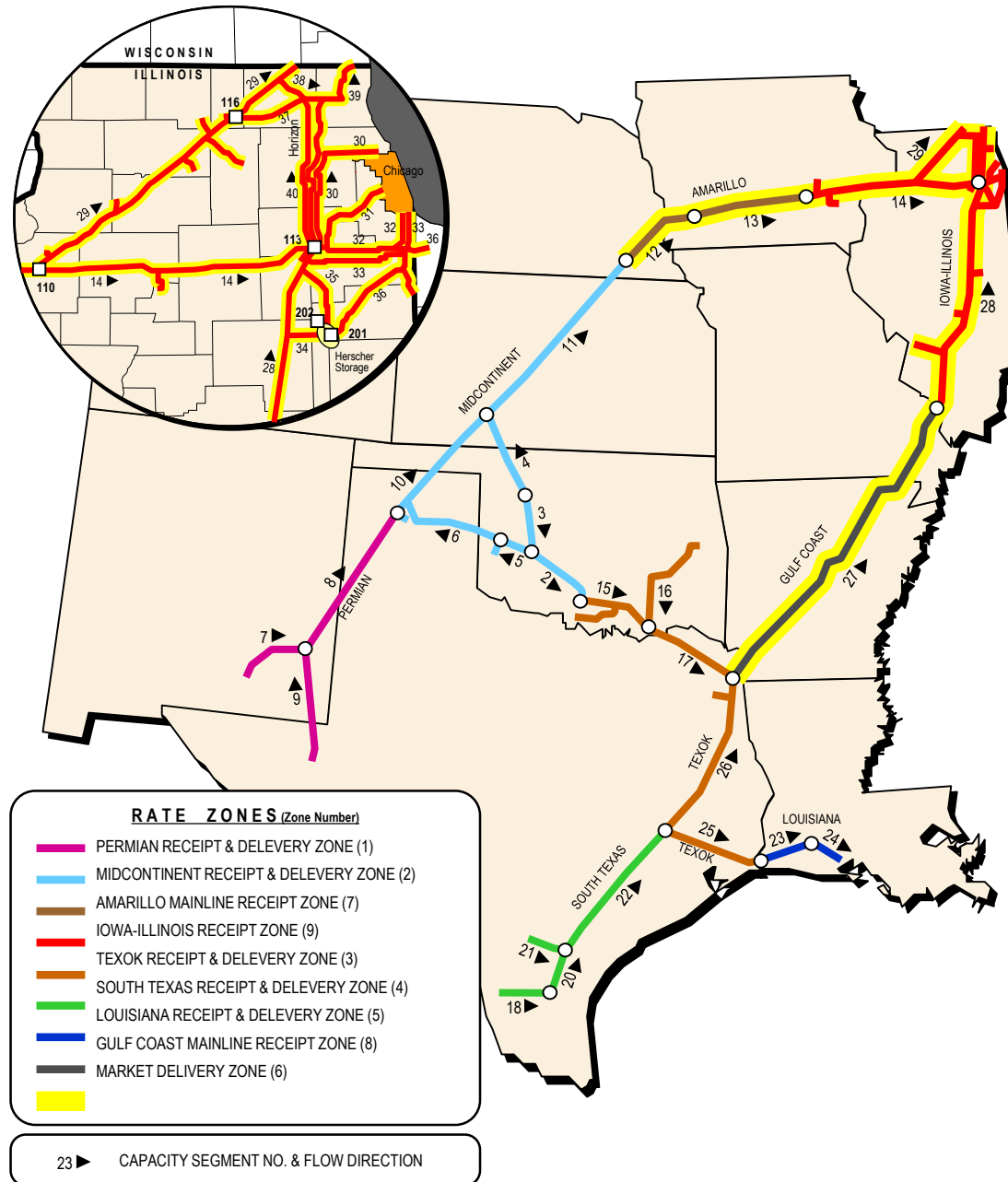
Lindsey Fritz

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ICE: Ifritz



# NGPL Customer Meeting

September 21, 2023