

Pipeline Authority Monthly Update

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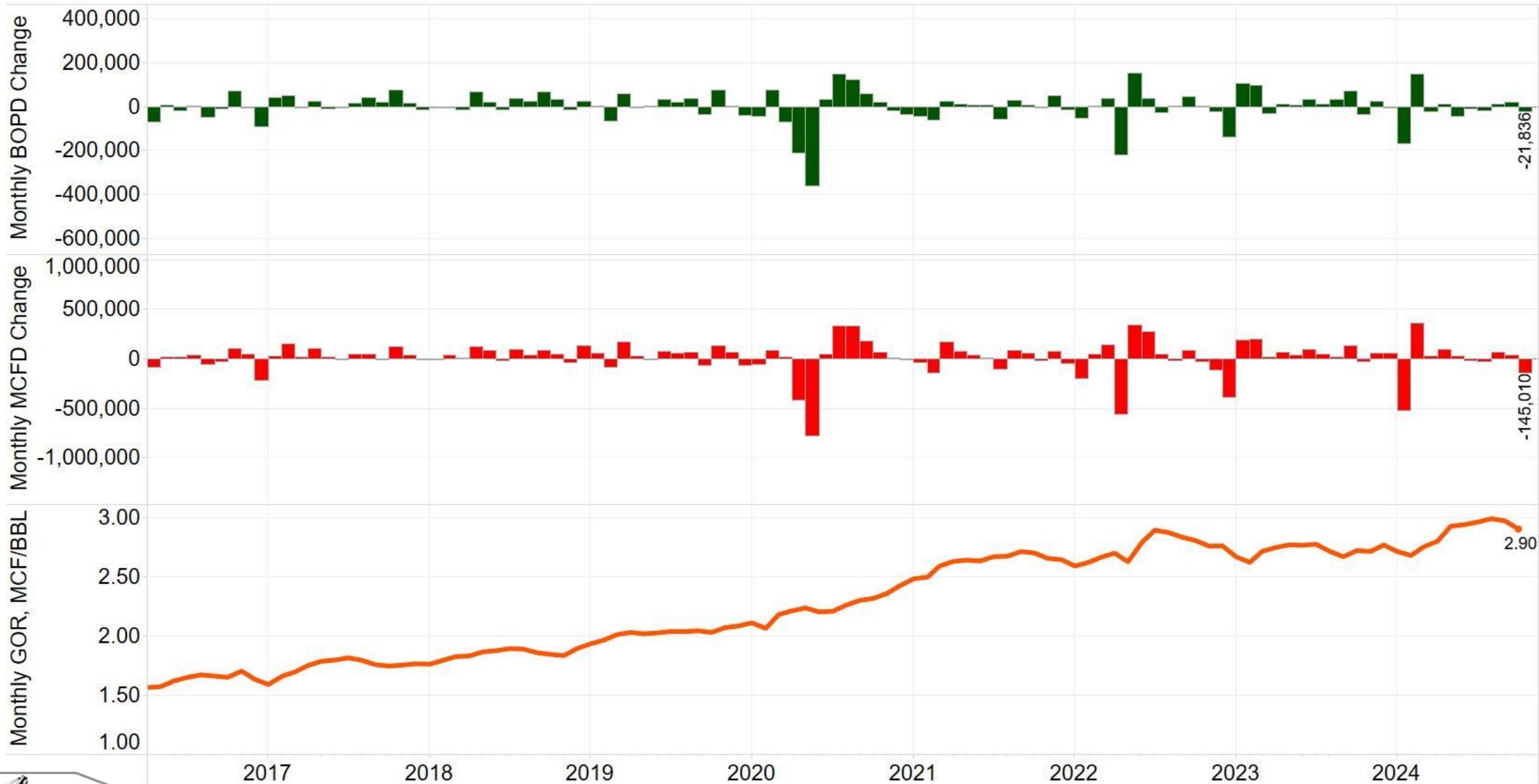


US Williston Basin Oil Production - 2024

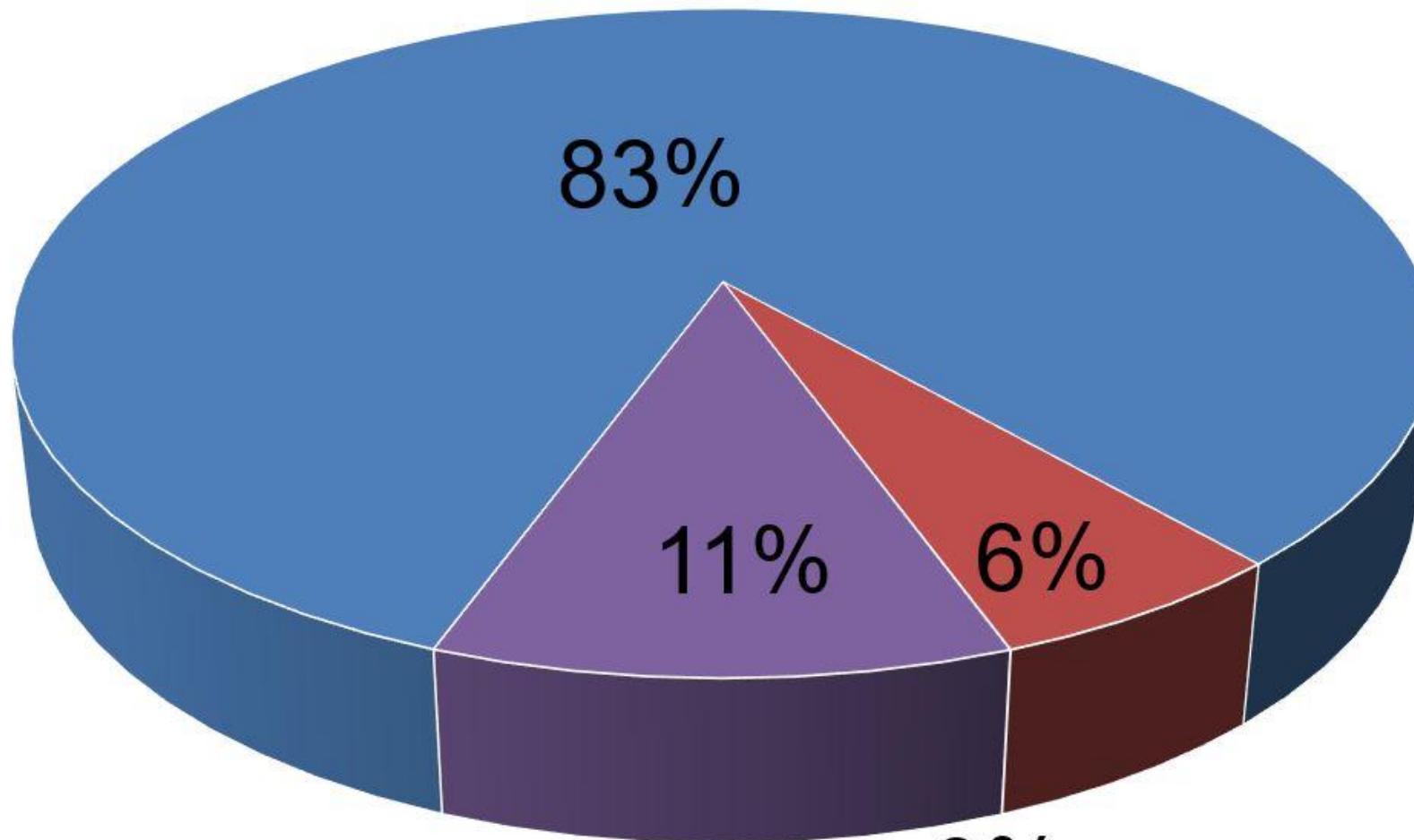
MONTH	ND	Eastern MT*	SD	TOTAL
January	1,106,525	59,255	2,312	1,168,091
February	1,256,121	66,329	2,412	1,324,862
March	1,232,664	70,662	2,590	1,305,916
April	1,244,237	72,265	2,430	1,318,932
May	1,199,610	72,543	2,349	1,274,502
June	1,187,289	71,554	2,370	1,261,213
July	1,169,499	69,237	2,329	1,241,065
August	1,179,728	75,350	2,349	1,257,427
September	1,199,828	64,078	2,528	1,266,434
October	1,177,992	72,229		
November				
December				



North Dakota Monthly Production Change



Estimated Williston Basin Oil Transportation



■ Pipeline Export

■ Truck/Rail to Canada

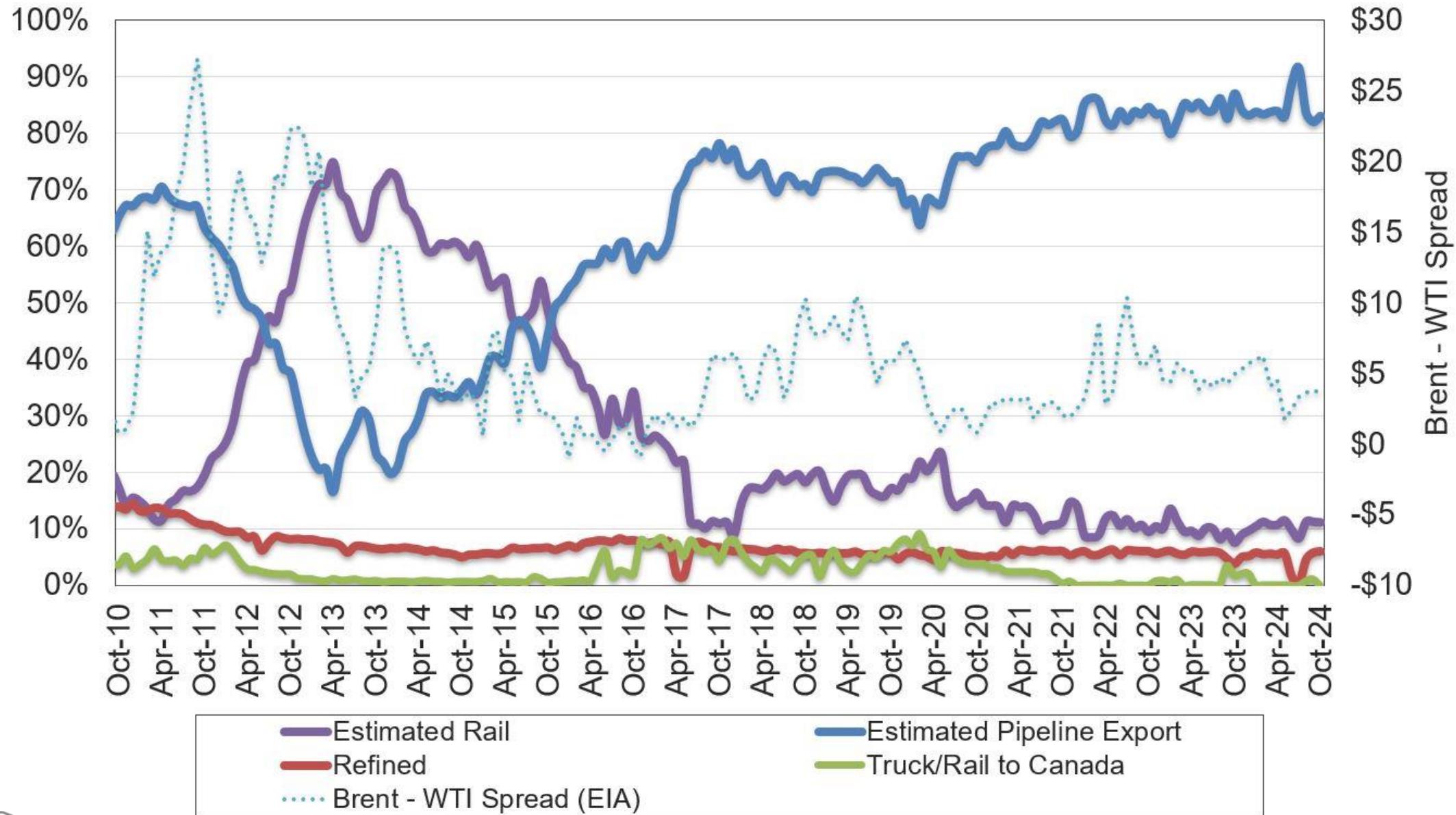
0%

■ Refined

■ Estimated Rail



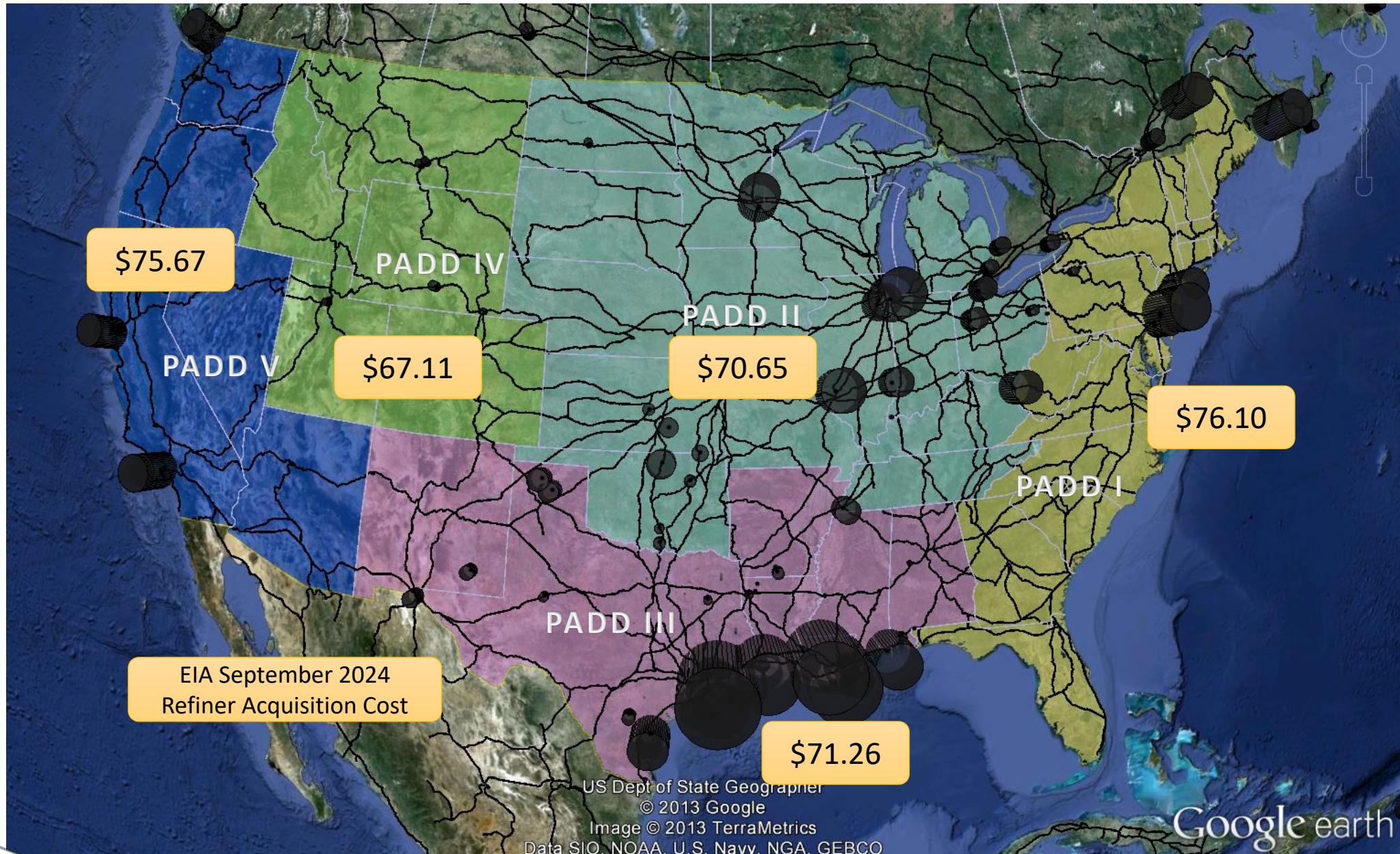
Estimated Williston Basin Oil Transportation



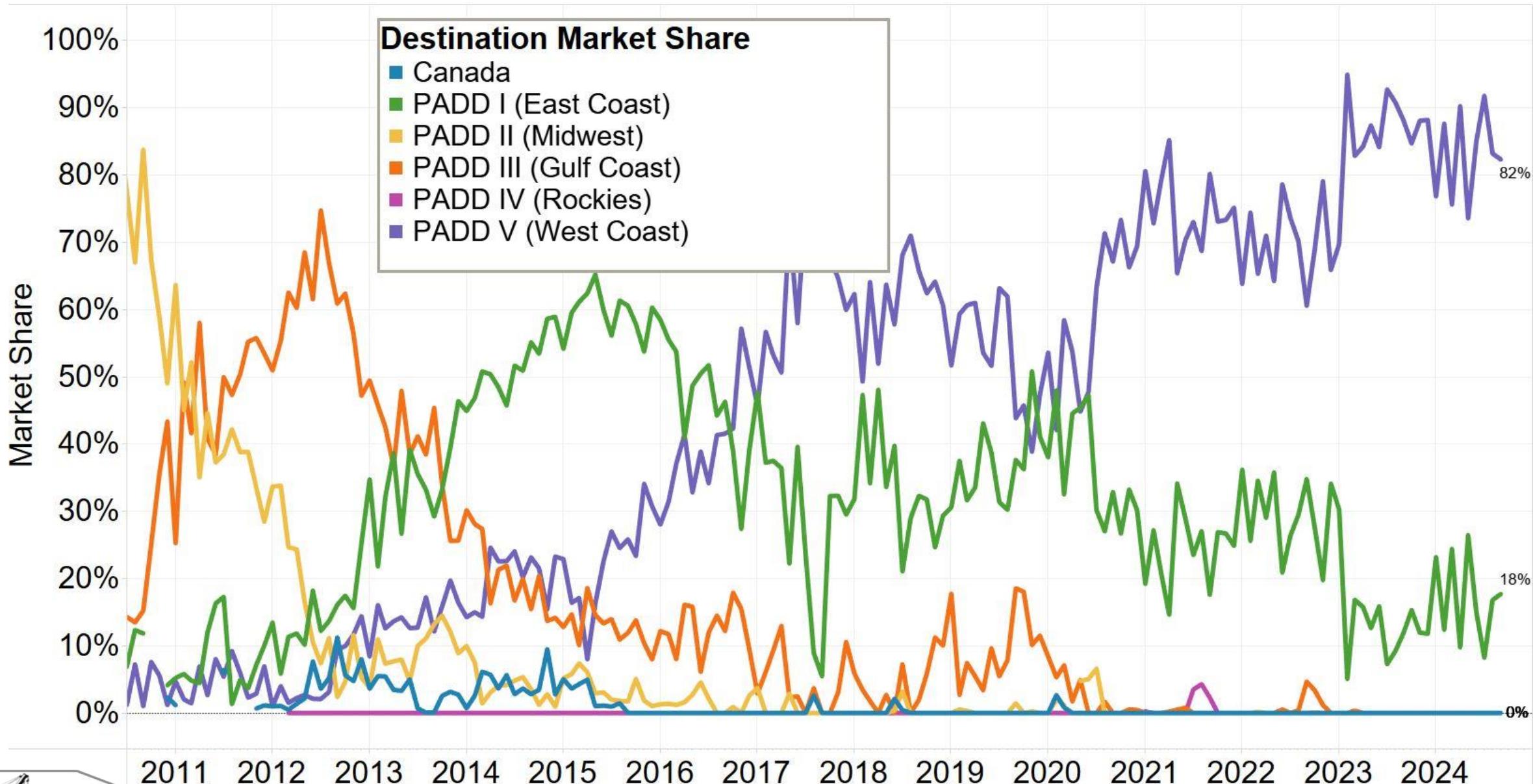
Estimated ND Rail Export Volumes



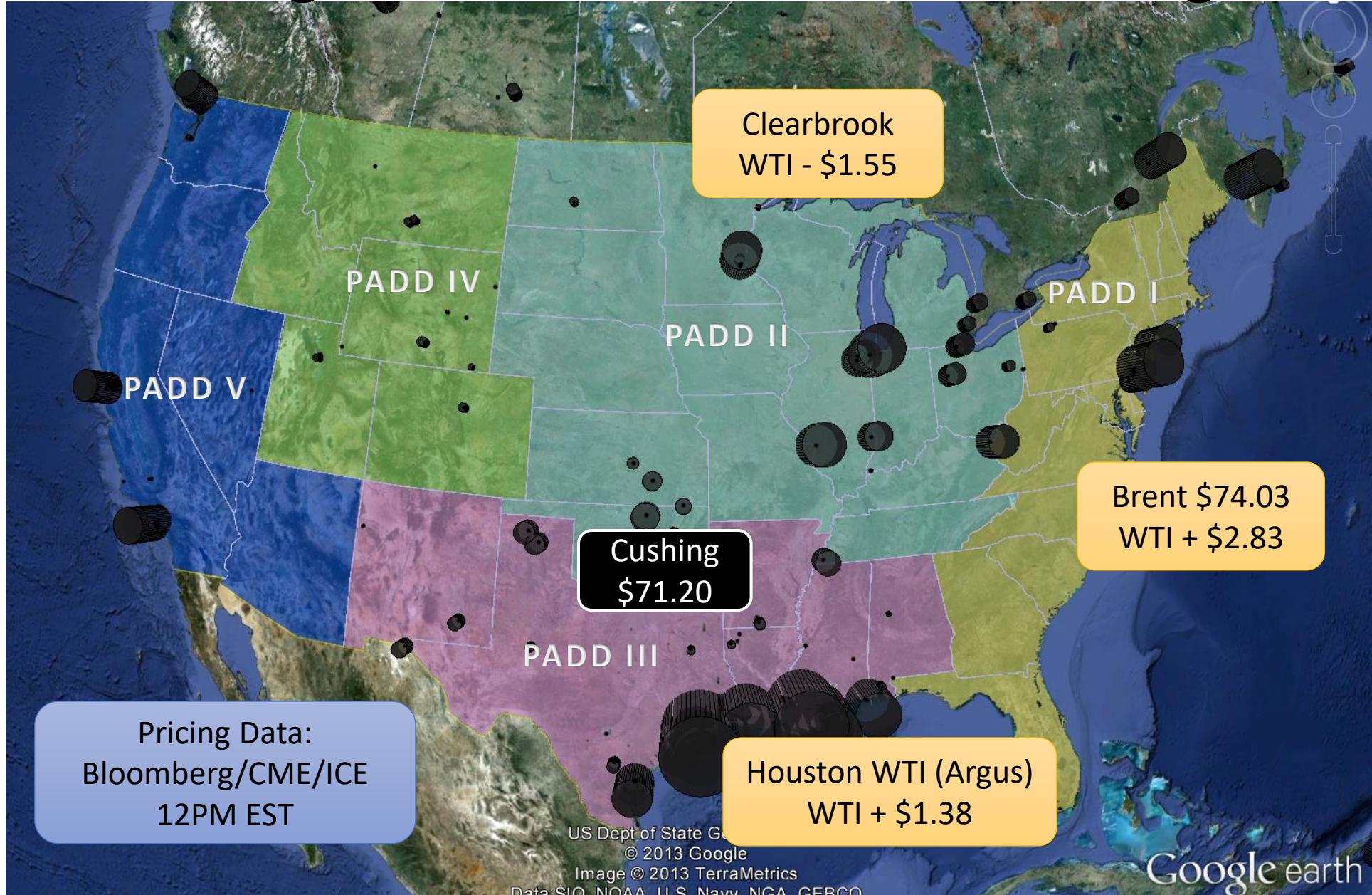
Major Rail Lines and Refineries



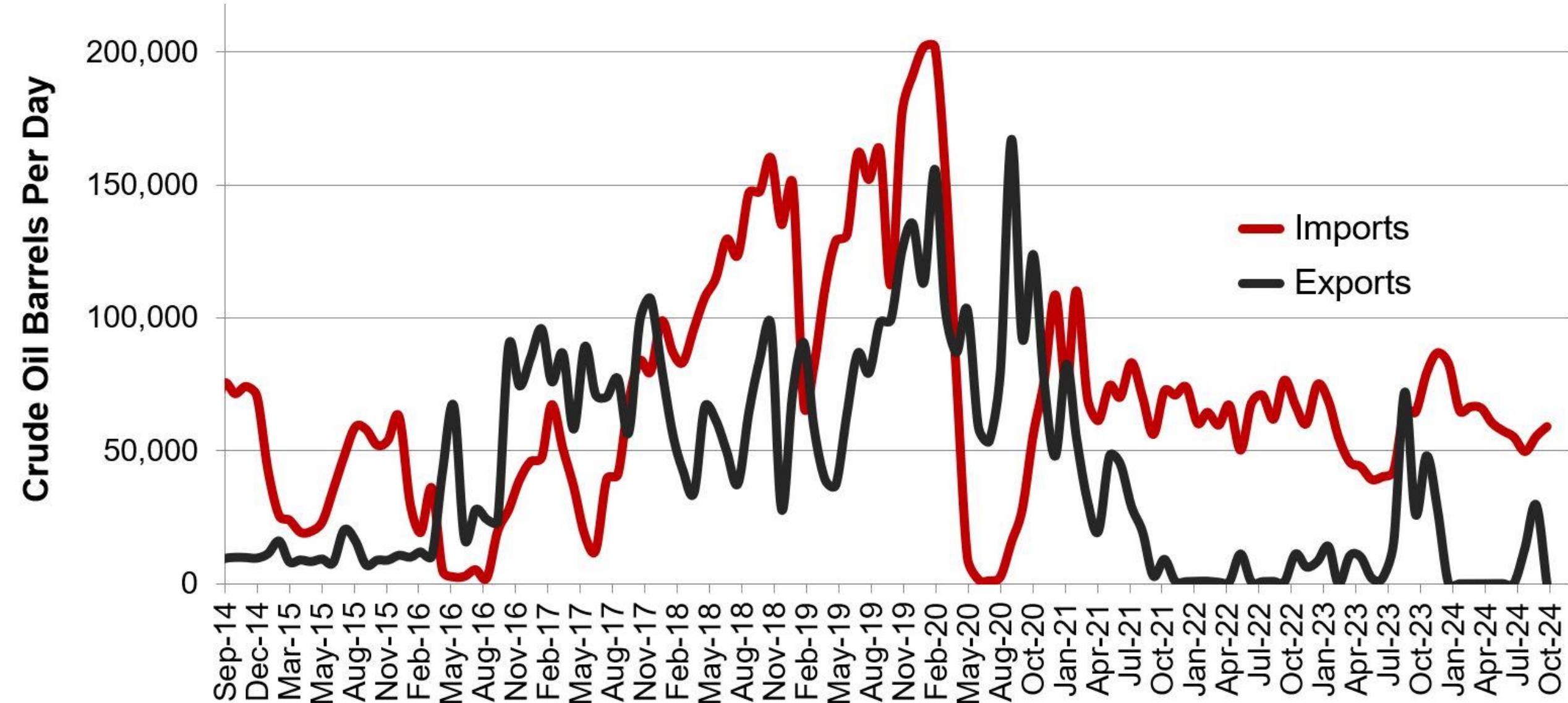
Rail Destinations Market Share (Sep. 2024)



Major Pricing Benchmarks & Refining Centers



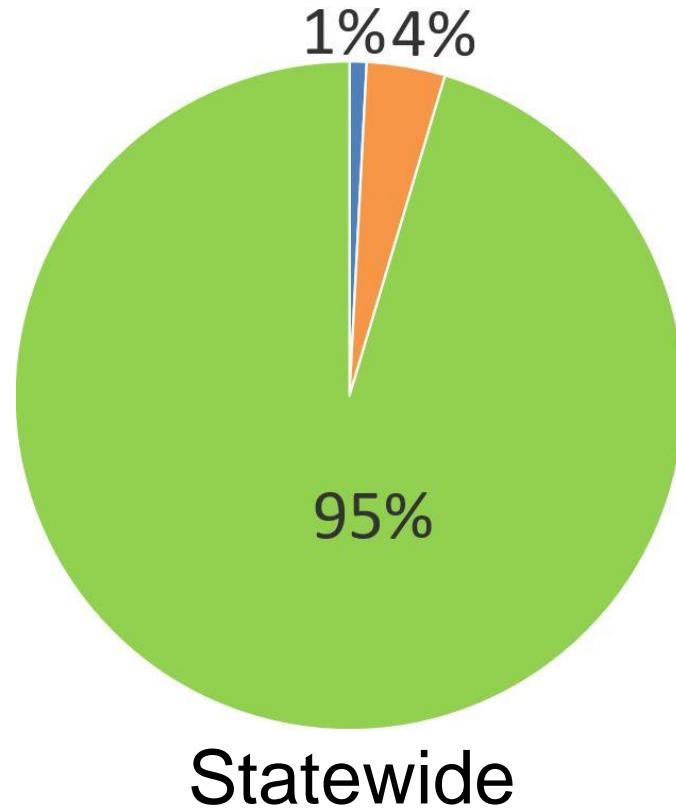
Williston Basin Truck/Rail Imports and Exports with Canada



Data for imports/exports chart is provided by the US International Trade Commission and represents traffic across US/Canada border in the Williston Basin area.



Solving the Flaring Challenge



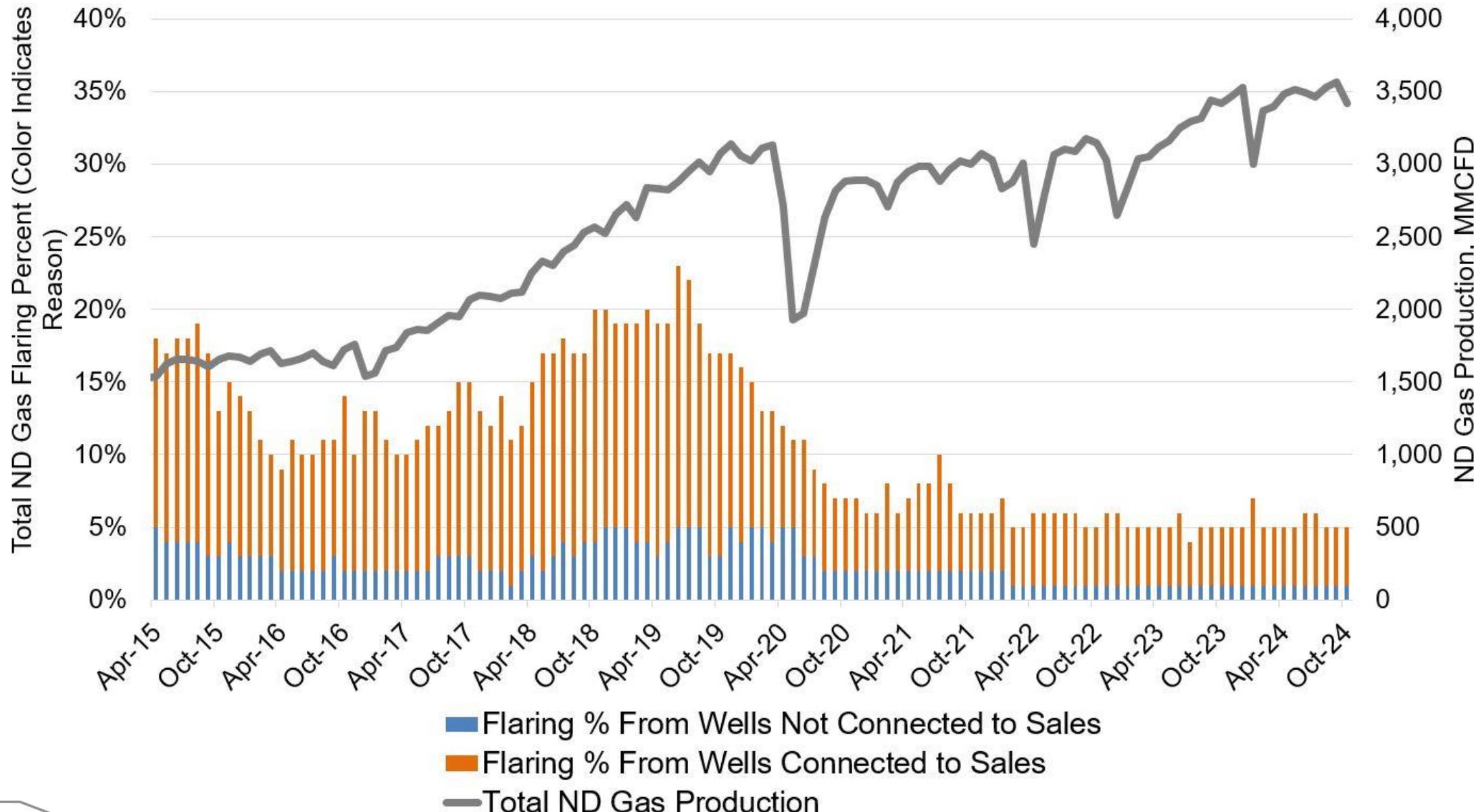
GREEN – % of gas captured and sold
Blue – % flared from zero sales wells
Orange – % flared from wells with at least one mcf sold.

Simple Terms

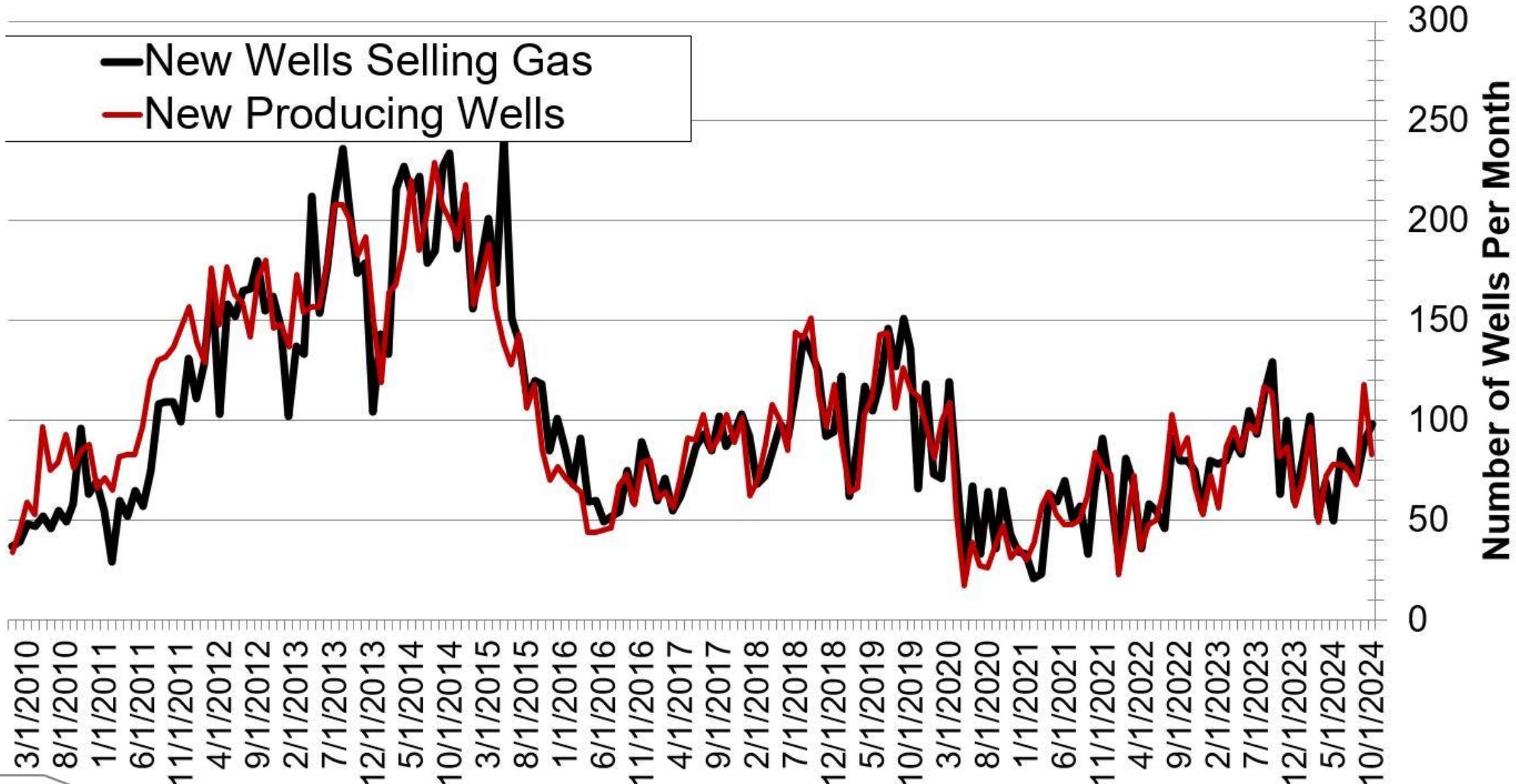
Blue – Lack of pipelines
Orange – Challenges on existing infrastructure

Oct 2024 Data – Non-Confidential Wells

Solving the Flaring Challenge

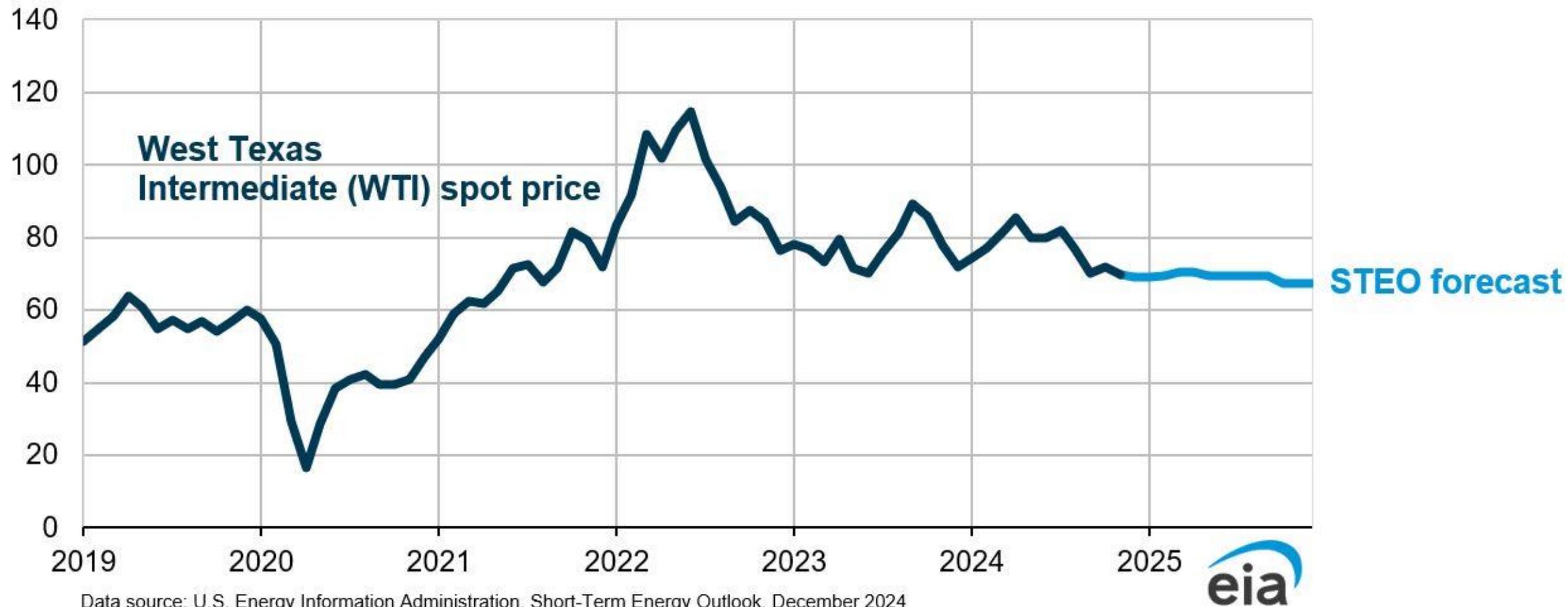


Solving the Flaring Challenge

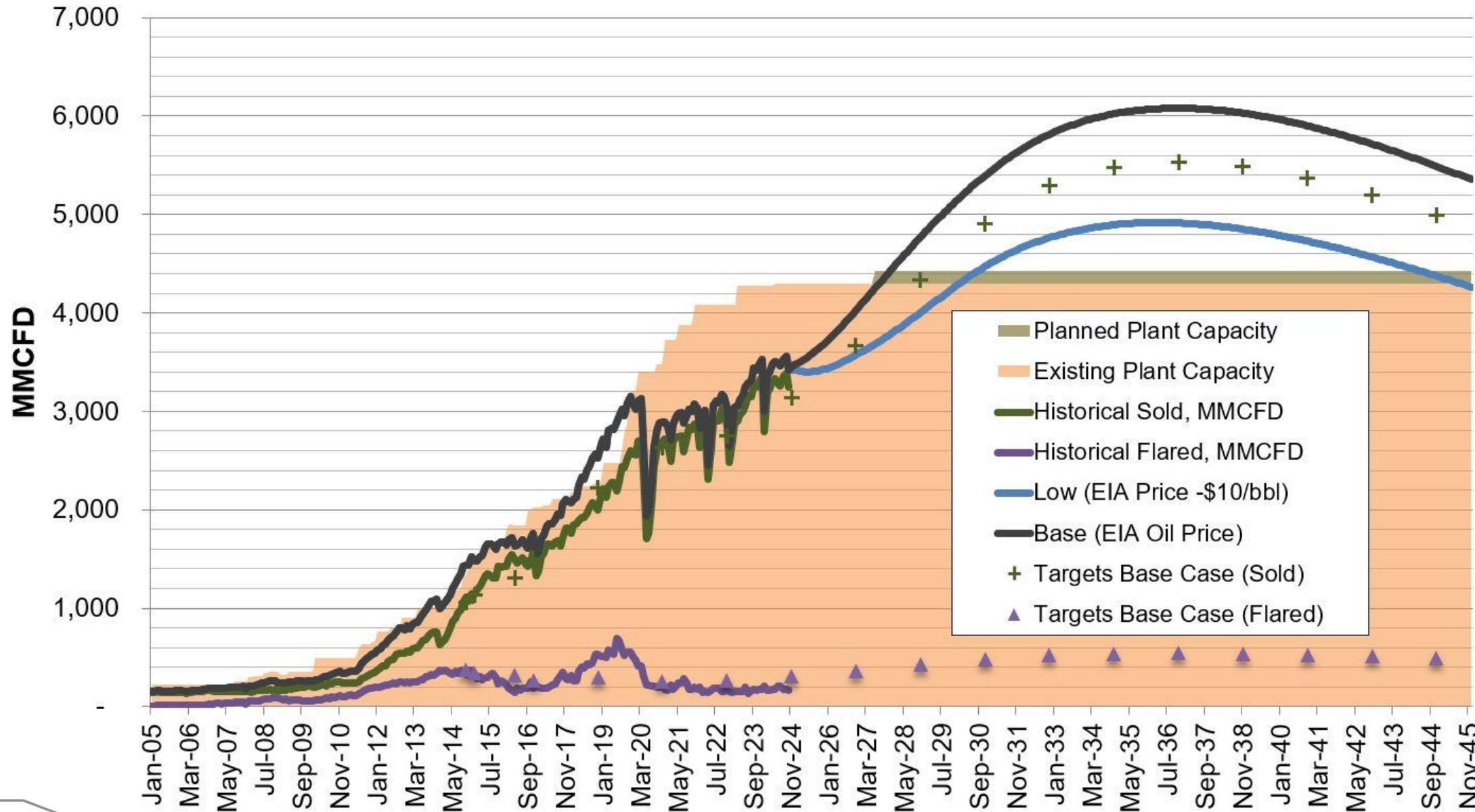


EIA Oil Price Forecast: December 2024

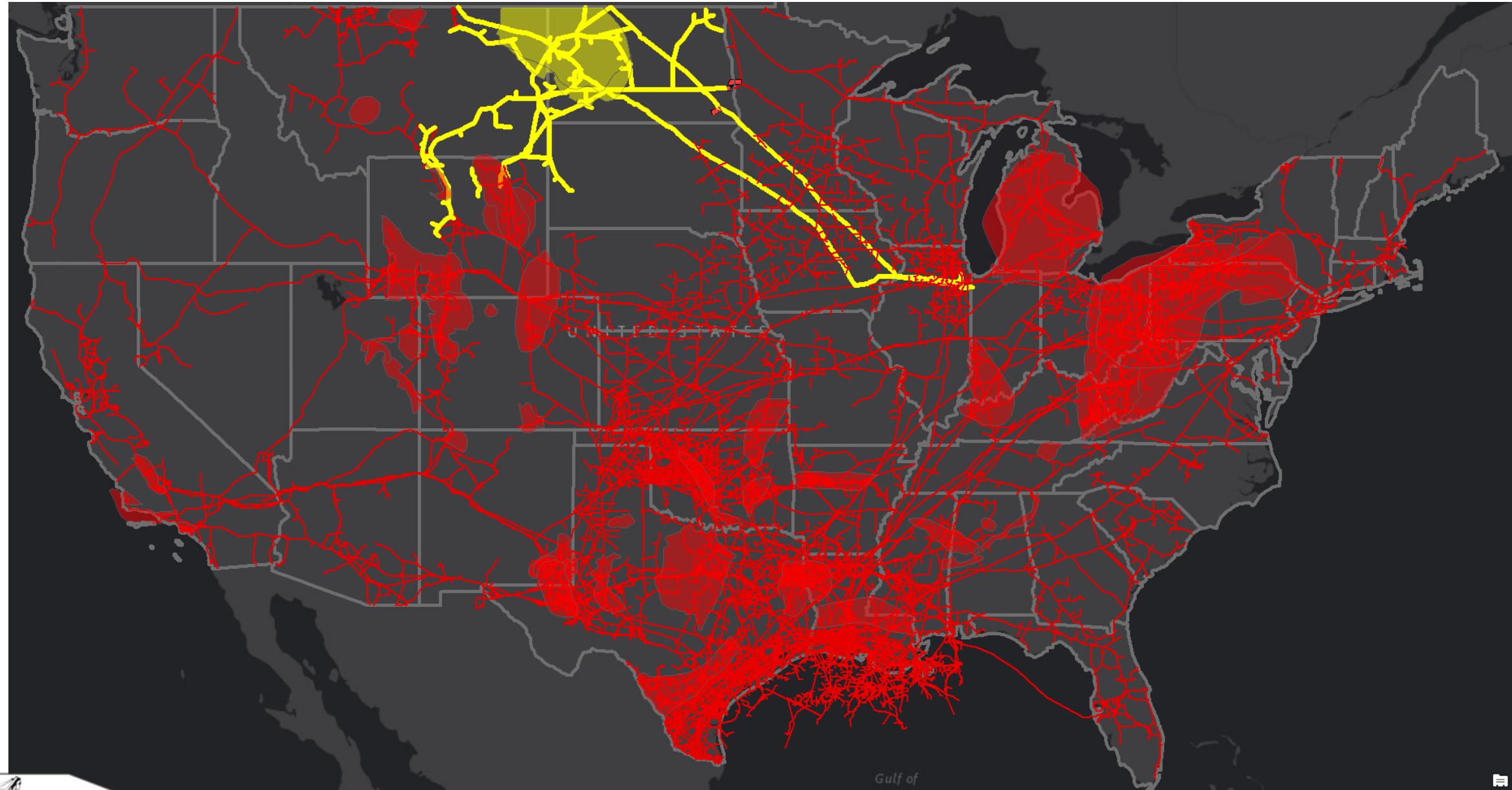
West Texas Intermediate (WTI) crude oil price
dollars per barrel



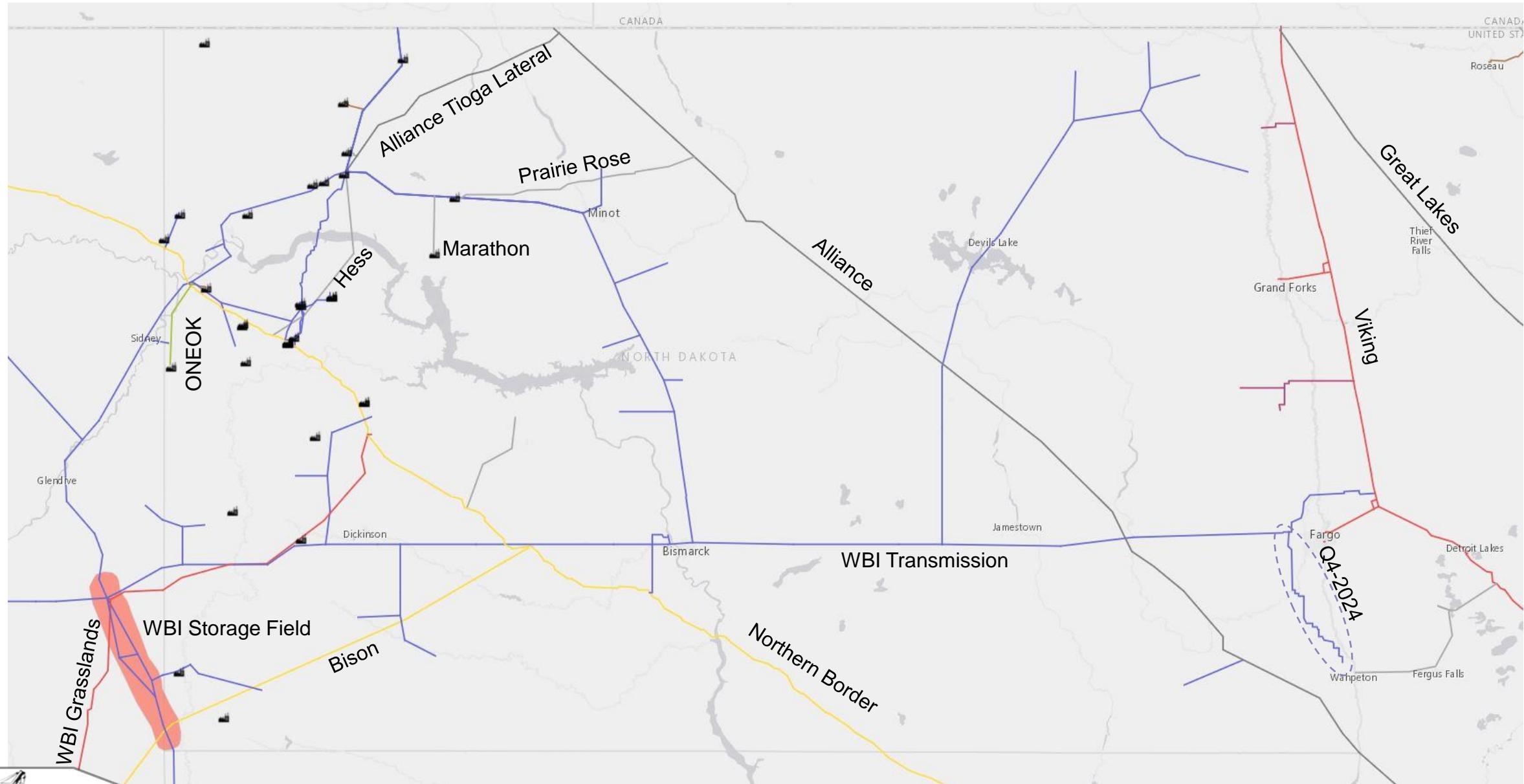
North Dakota Gas Processing Outlook



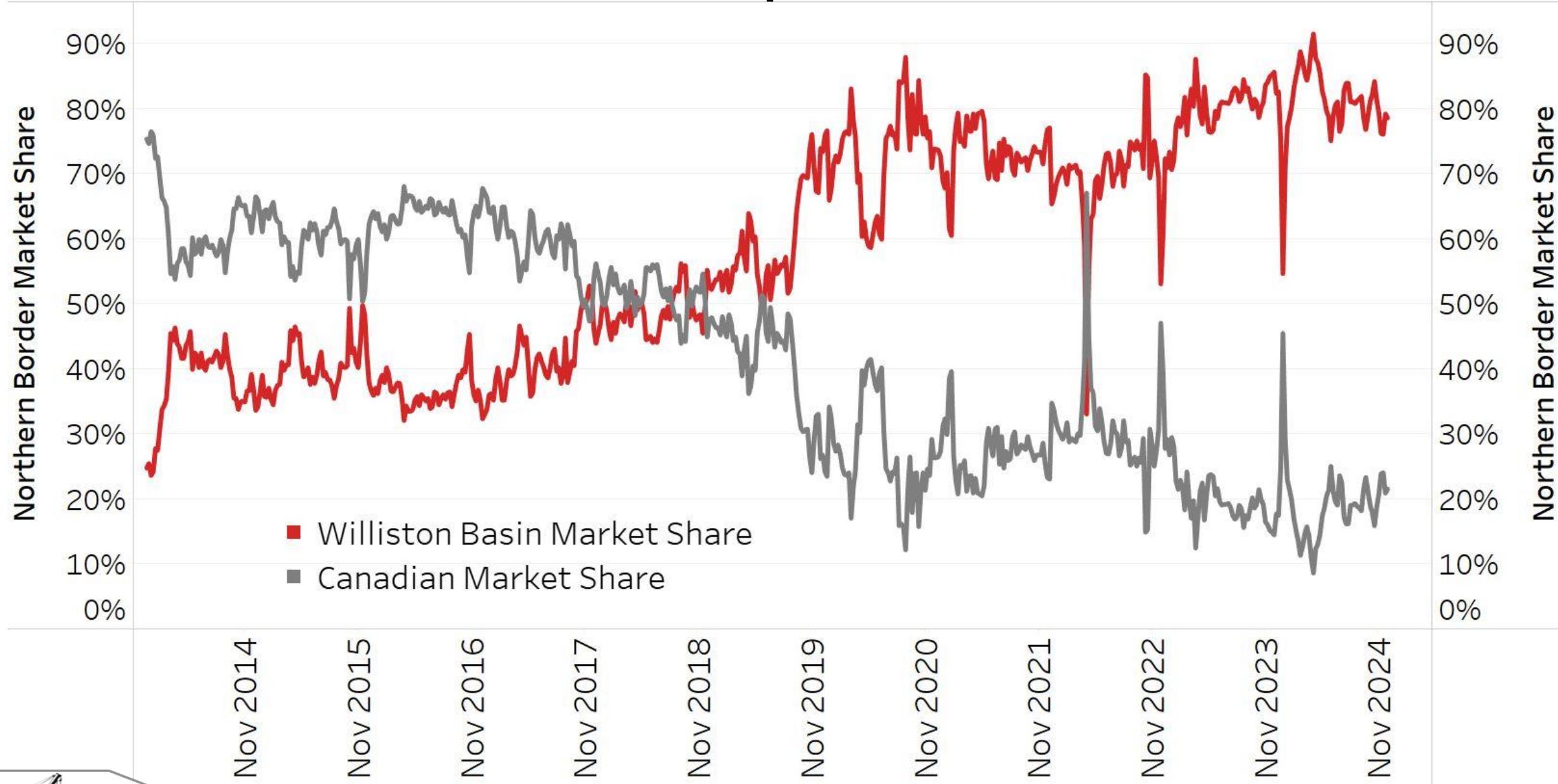
Bakken Natural Gas Infrastructure



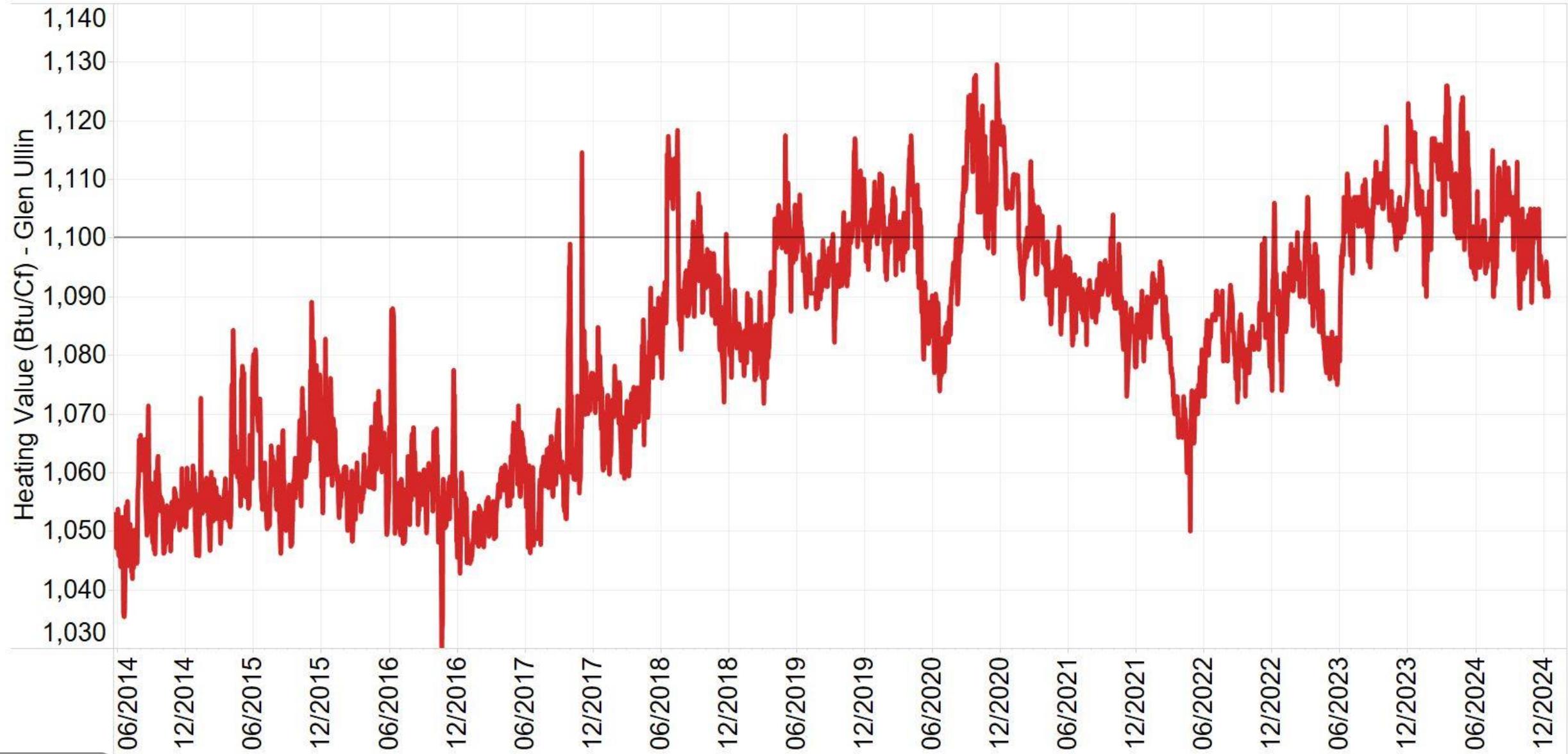
Major Residue Gas Pipeline Infrastructure



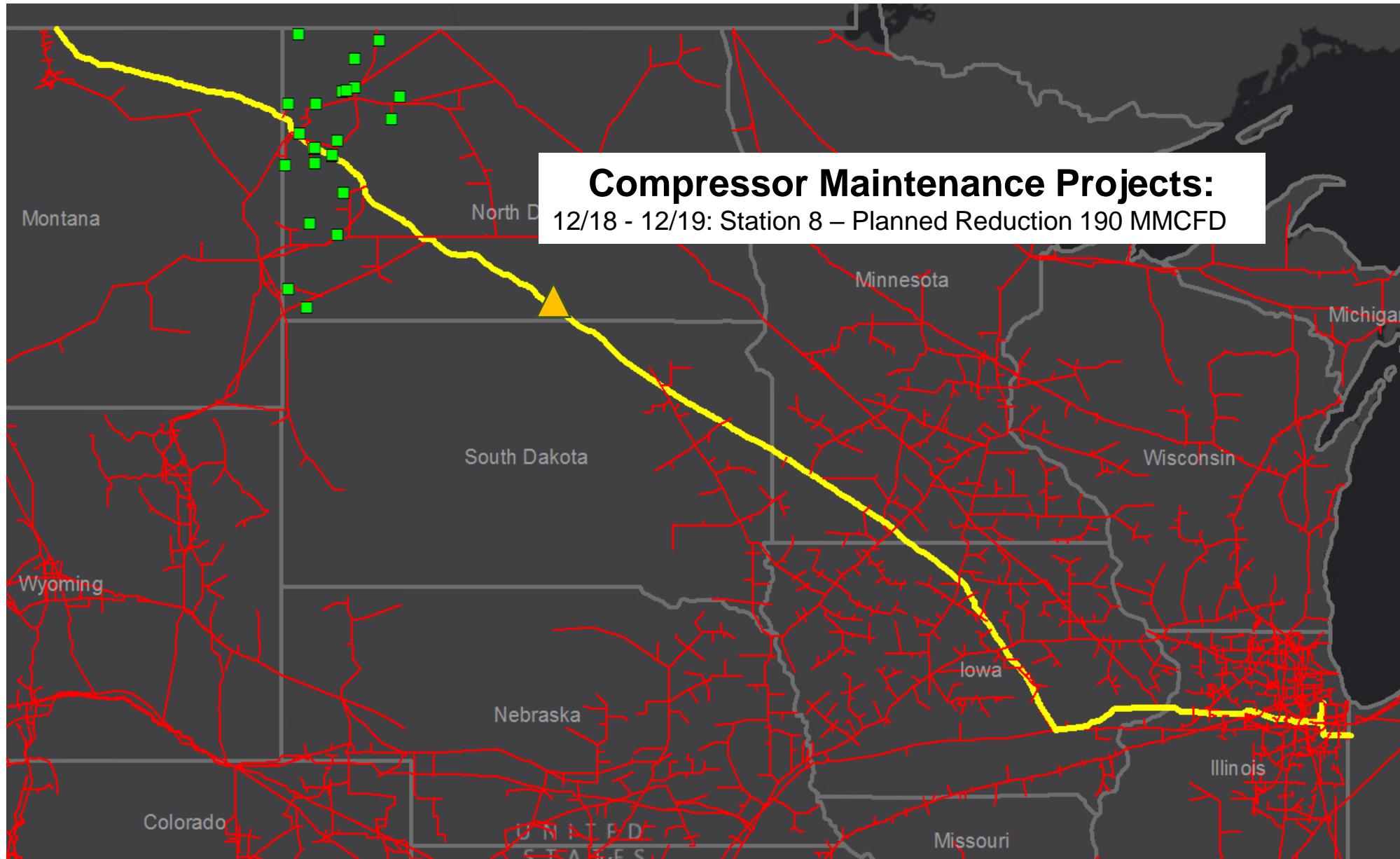
Northern Border Pipeline Market Share



Northern Border BTU at Glen Ullin, ND



Northern Border Maintenance



Wahpeton Expansion Project Now In-Service



In-Service
December 2024



Activity	Total % Completed This Period	% of Total Job Completed
Pipeline		
Clearing / Grading		100%
Stringing		100%
Bending		100%
Welding		100%
Joint Coating		100%
Ditching		100%
Lowering		100%
Backfill		100%
Bores	68 of 68	
Cleanup	5%	90%
Seeding ¹	0%	25%
Final Tie-in and Commissioning		100%
Hydrostatic Testing		2 of 2

WBI Energy: Proposed Bakken East Project



Natural Gas Pipeline Project Highlights

- Non-binding open season Dec 16 – Jan 31, 2025
- 375 Miles: 30" & 24" Pipe
- Proposed Capacity 760,000 Dth/Day
- Phase 1 (West) : Nov 2028 targeted in-service
- Phase 1 (East) : Nov 2029 targeted in-service
- Seeking commitments 20yrs or Longer

Estimated Rates

- \$0.85 to \$0.90/Dth + Fuel/Electric/Commodity
- Anchor Shipper Minimum: 100,000 Dth/Day
- Foundation Shipper Minimum: 250,000 Dth/Day

Contact Information

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