



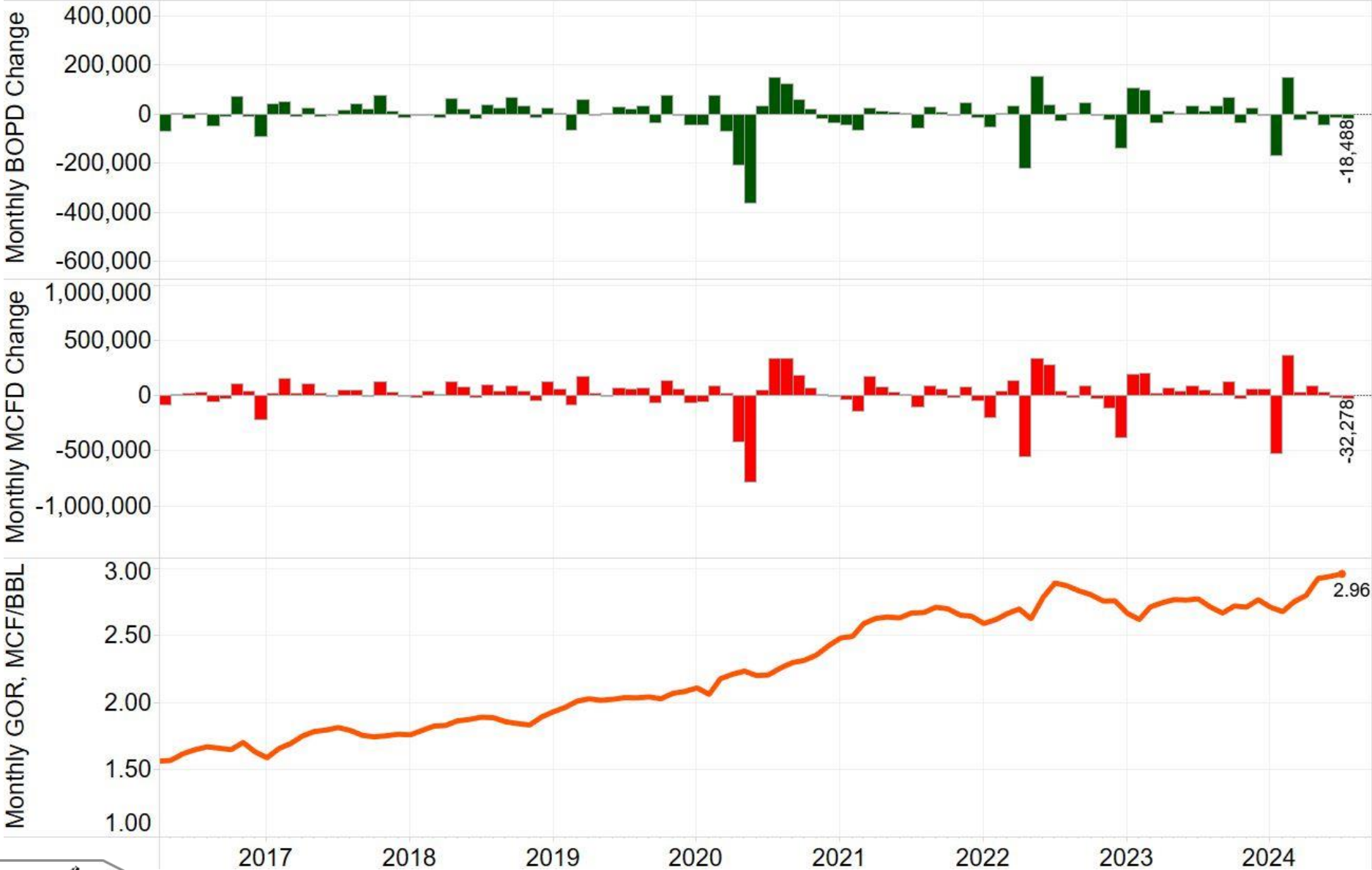
September 2024 Monthly Update
North Dakota Pipeline Authority
Justin J. Kringstad
September 23, 2024

US Williston Basin Oil Production - 2024

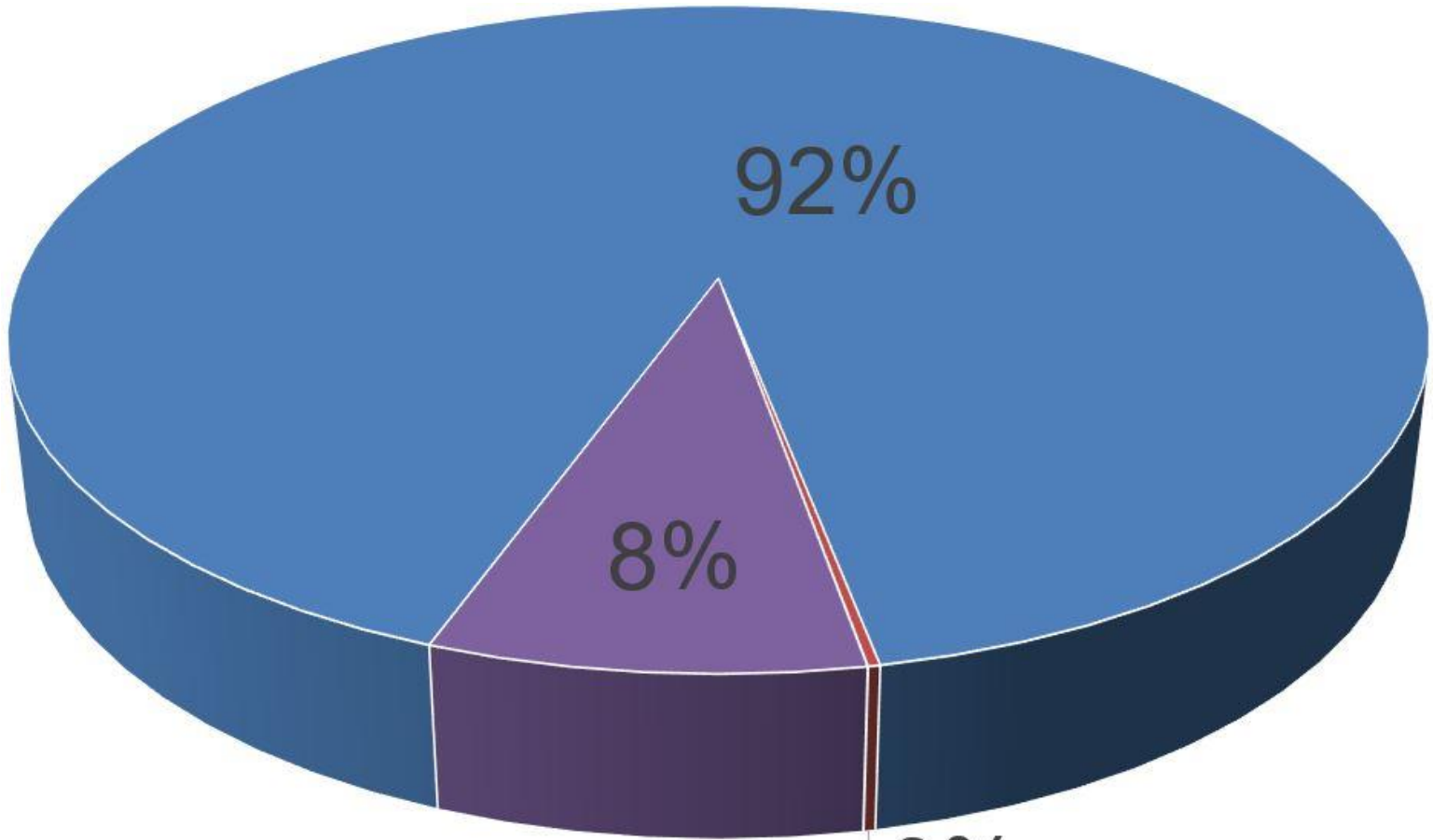
MONTH	ND	Eastern MT*	SD	TOTAL
January	1,106,526	59,255	2,312	1,168,092
February	1,256,157	66,329	2,412	1,324,898
March	1,232,640	70,658	2,590	1,305,888
April	1,244,277	72,242	2,430	1,318,949
May	1,199,645	72,252	2,349	1,274,246
June	1,186,394		2,370	
July	1,167,906			
August				
September				
October				
November				
December				



North Dakota Monthly Production Change



Estimated Williston Basin Oil Transportation



■ Pipeline Export

■ Truck/Rail to Canada

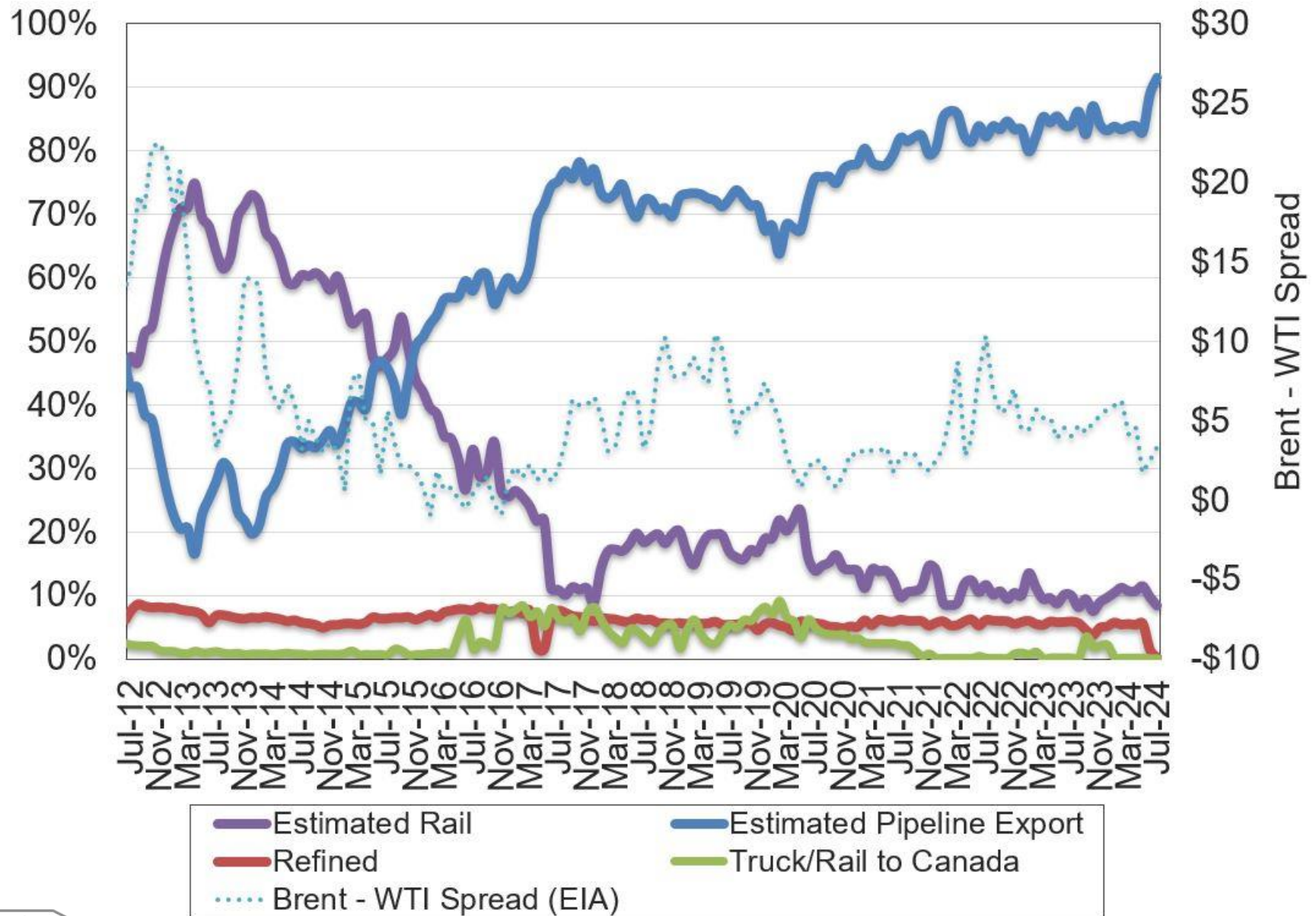
■ Refined

■ Estimated Rail

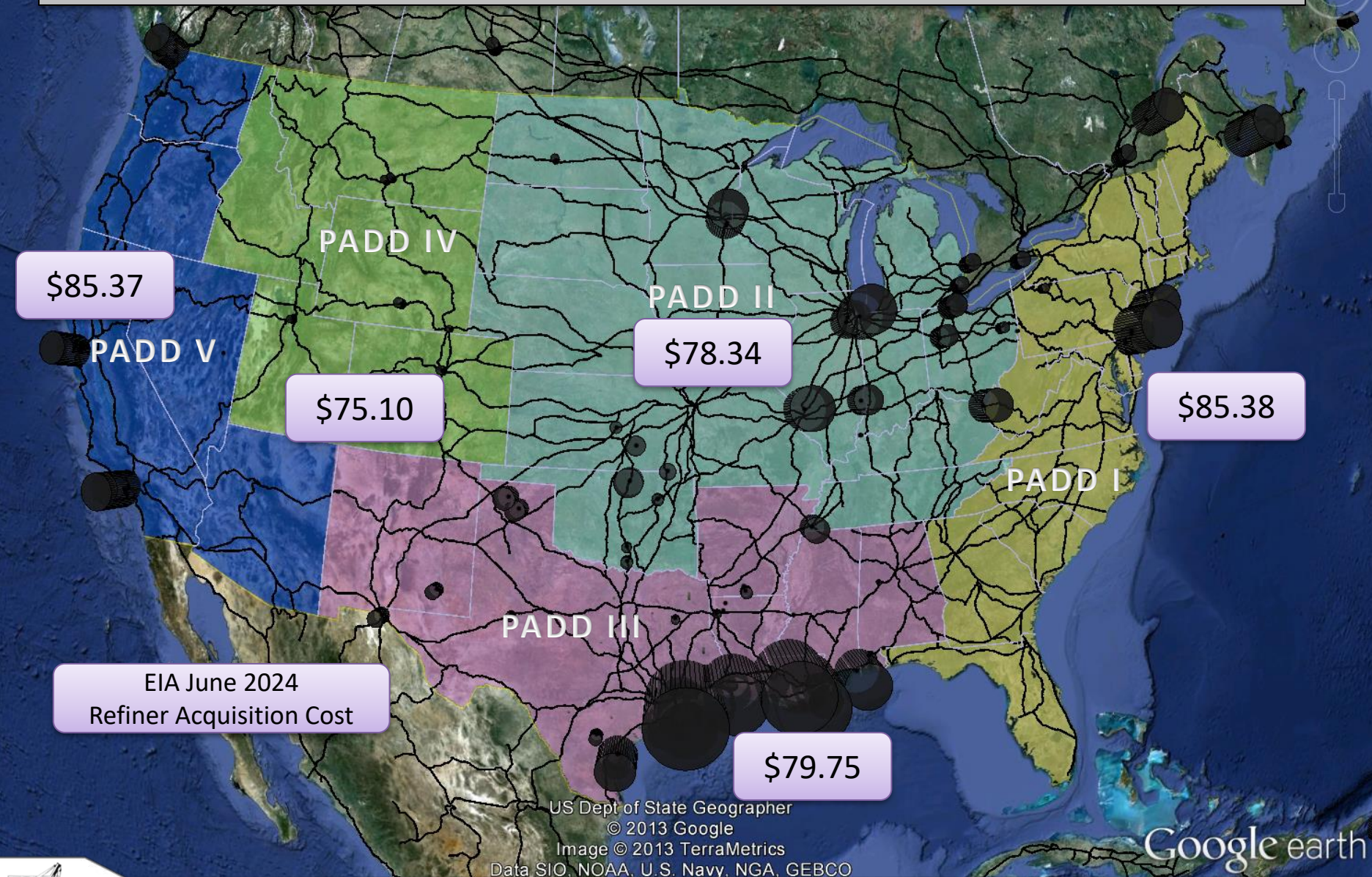
July 2024



Estimated Williston Basin Oil Transportation



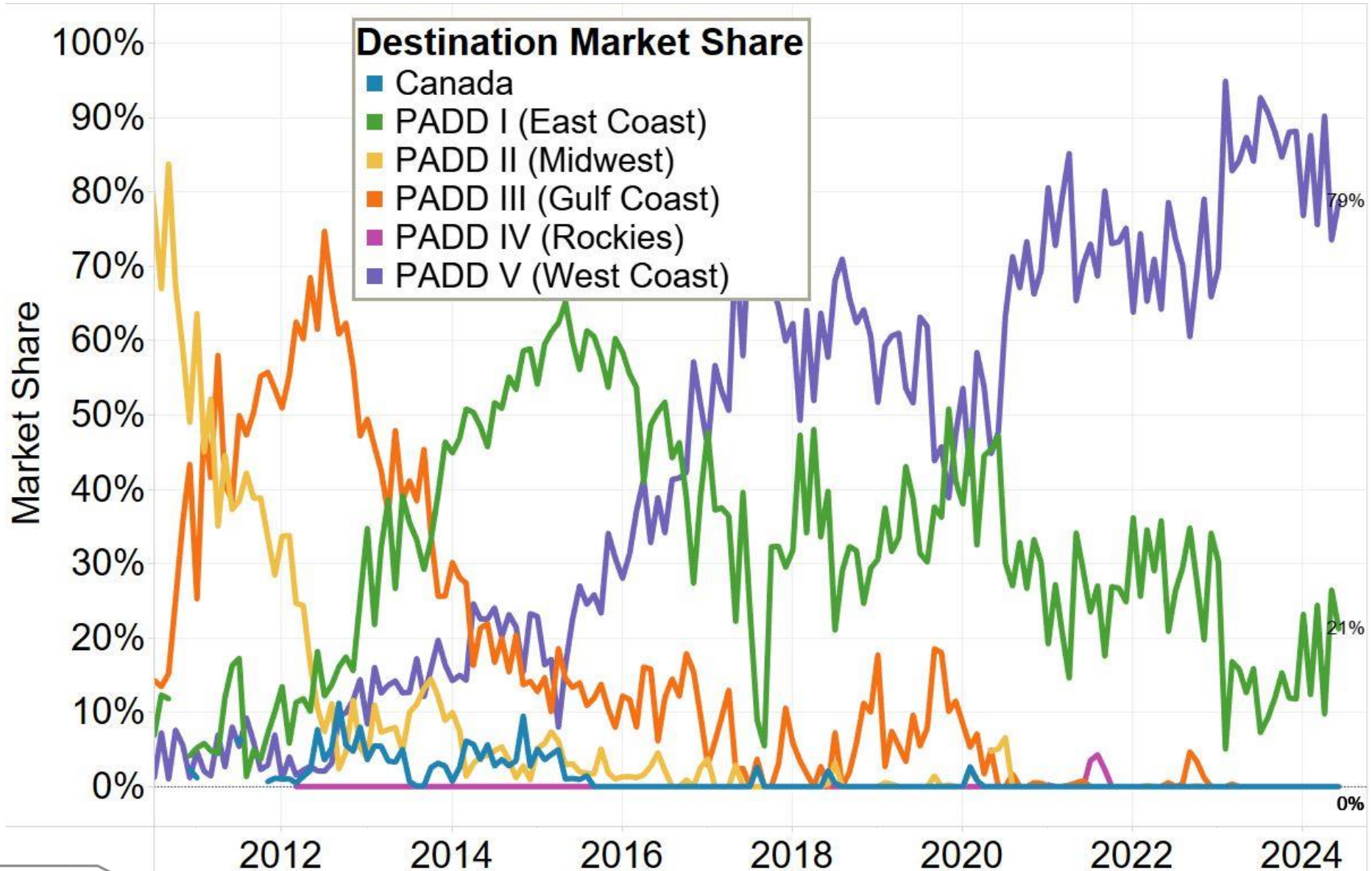
Major Rail Lines and Refineries



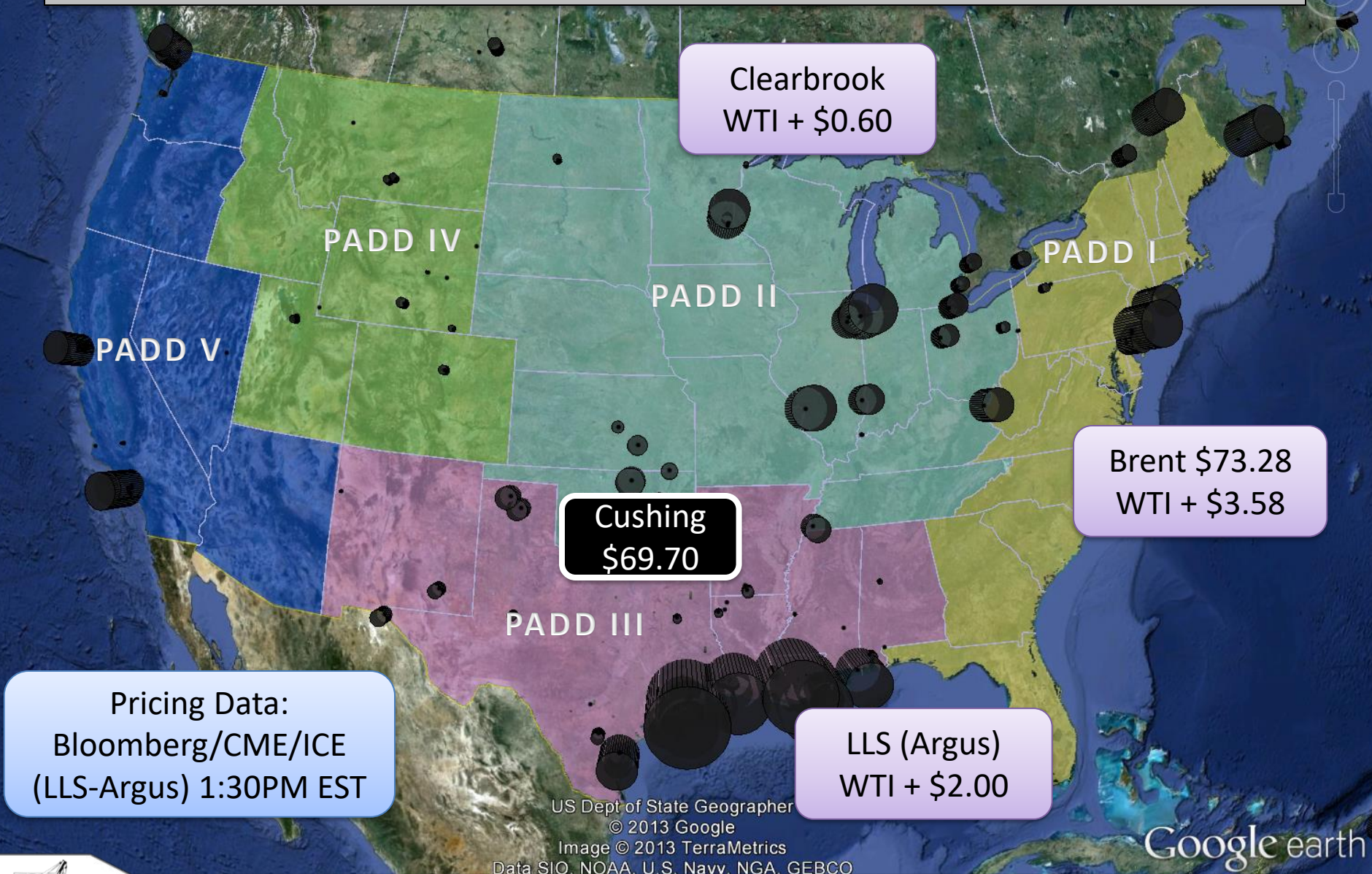
Estimated ND Rail Export Volumes



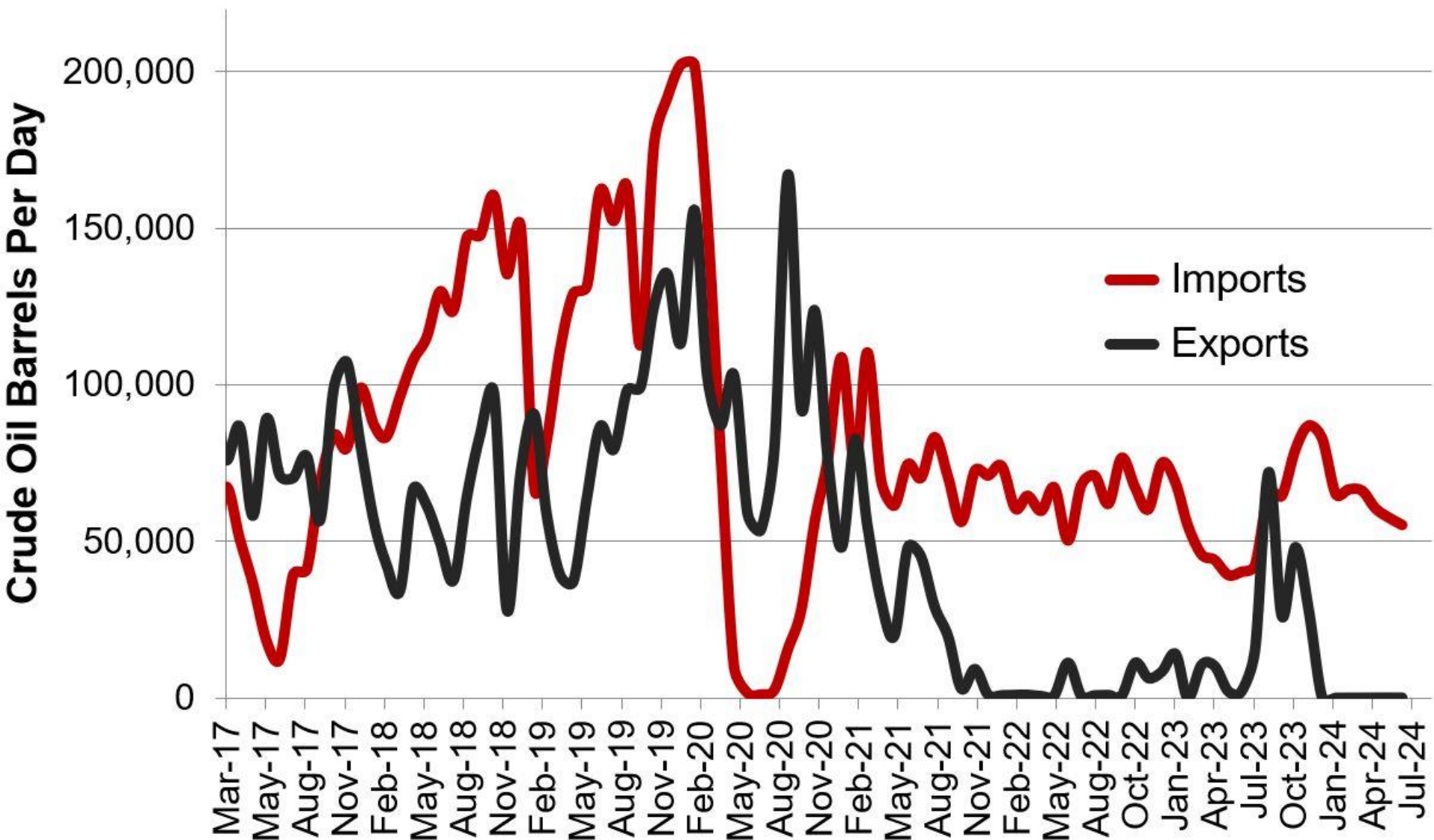
Rail Destinations Market Share (June 2024)



Crude Oil Prices – Sep 23, 2024



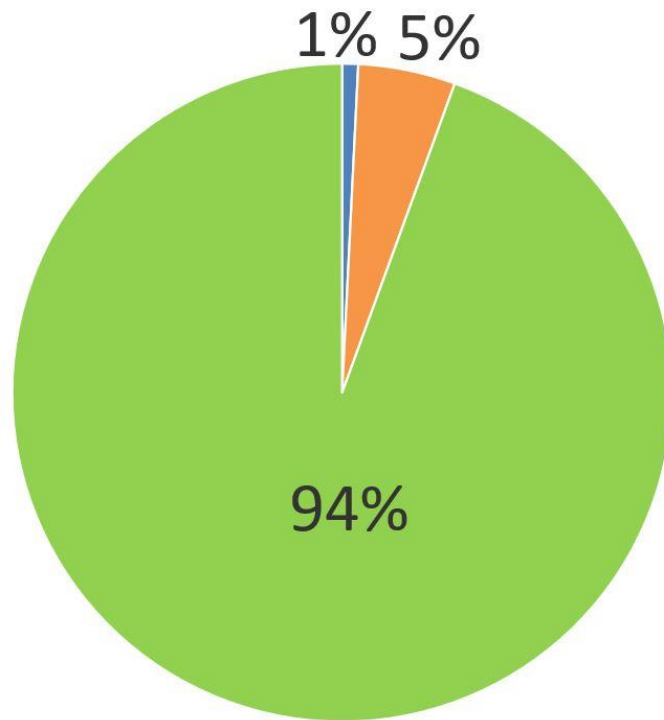
Williston Basin Truck/Rail Imports and Exports with Canada



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



Statewide

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

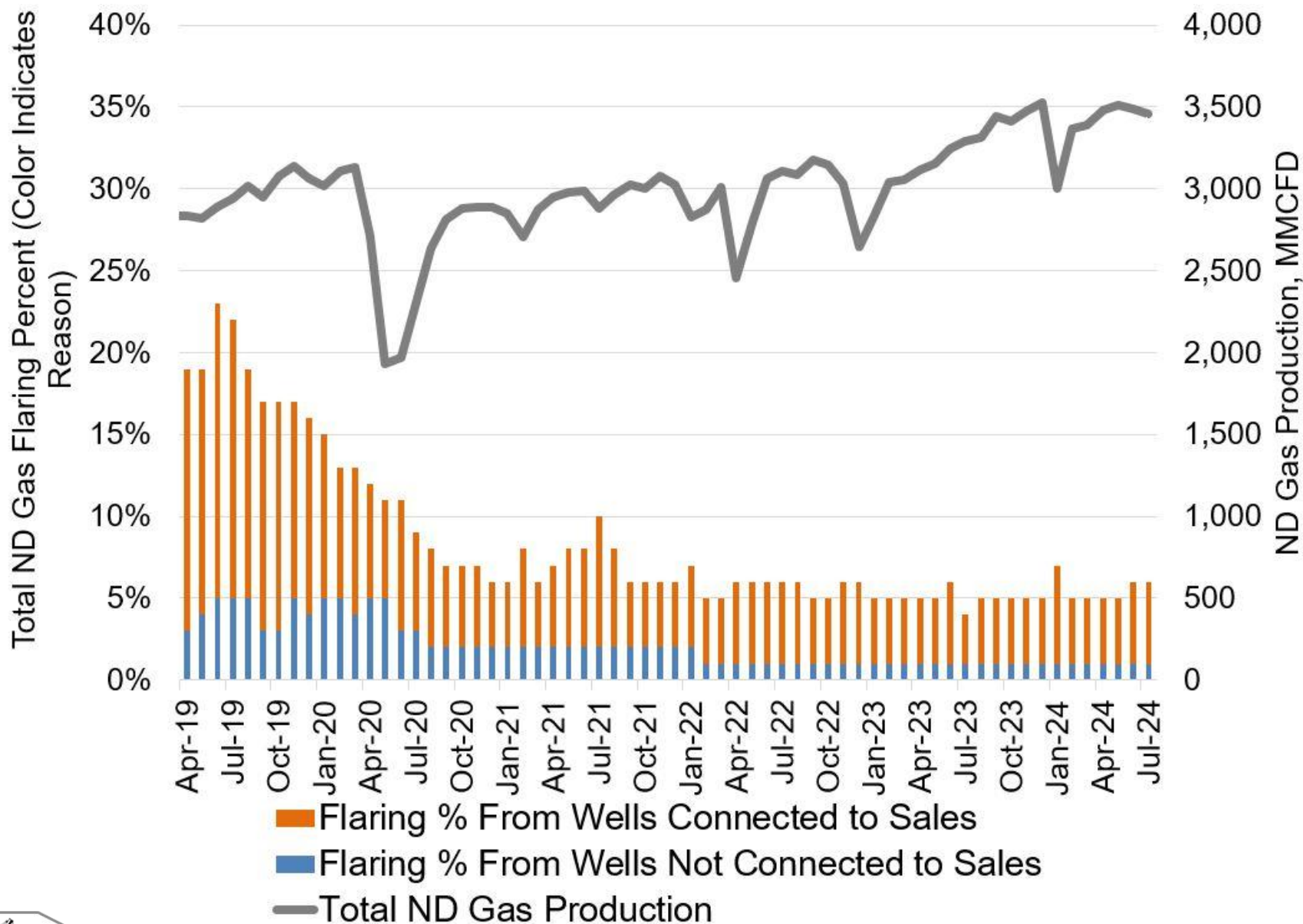
Simple Terms

Blue – Lack of pipelines
Orange – Challenges on existing infrastructure

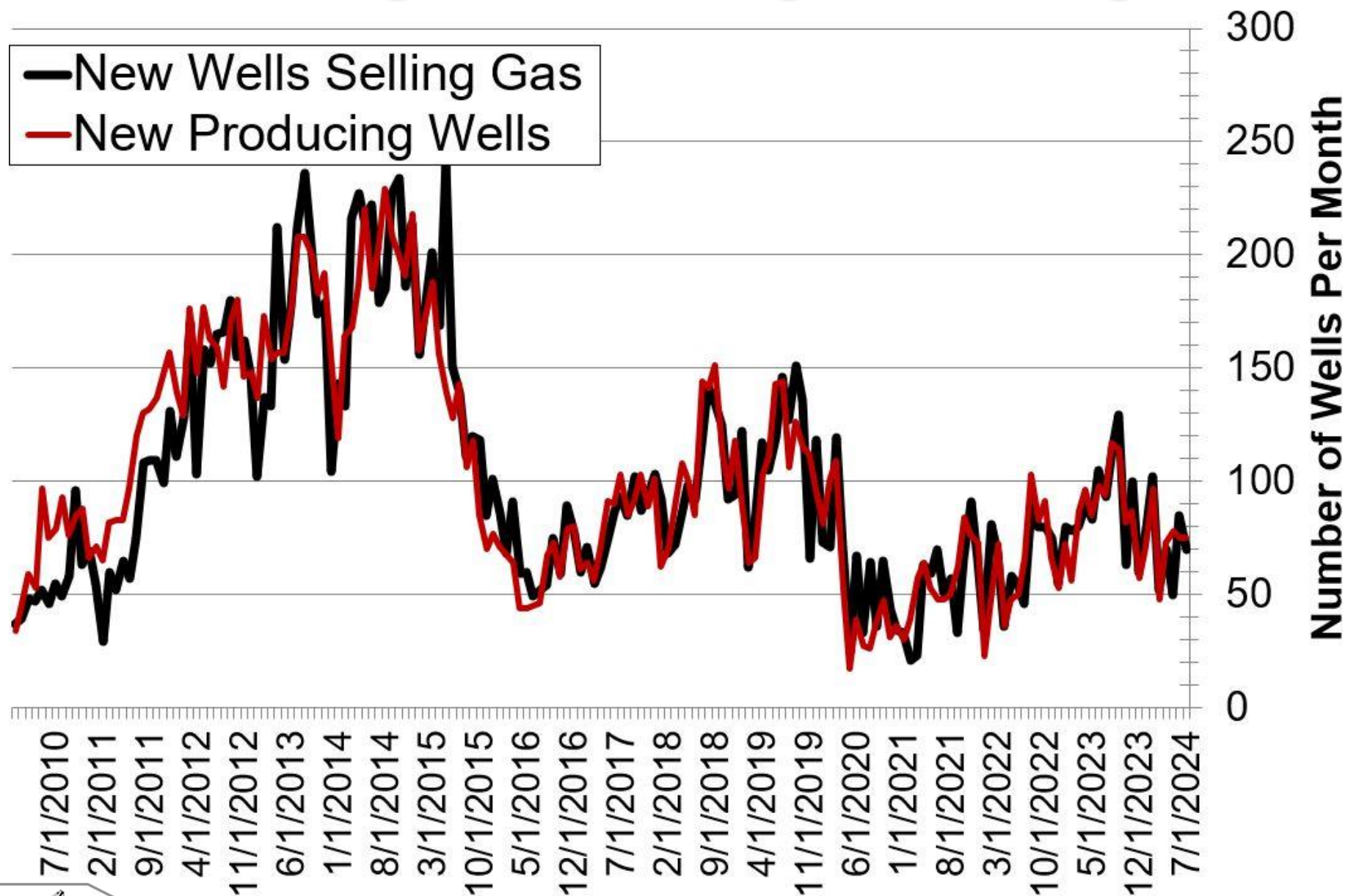
July 2024 Data – Non-Confidential Wells



Solving the Flaring Challenge

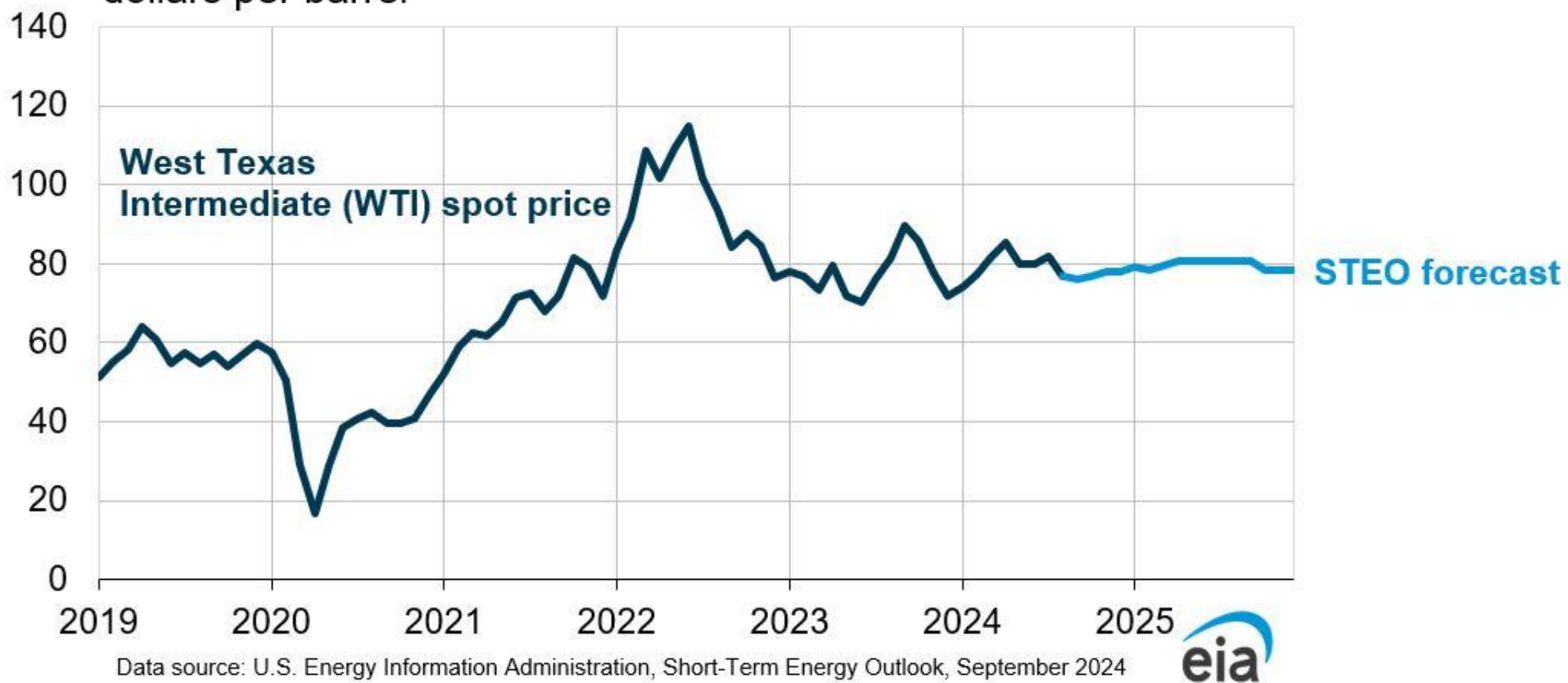


Solving the Flaring Challenge

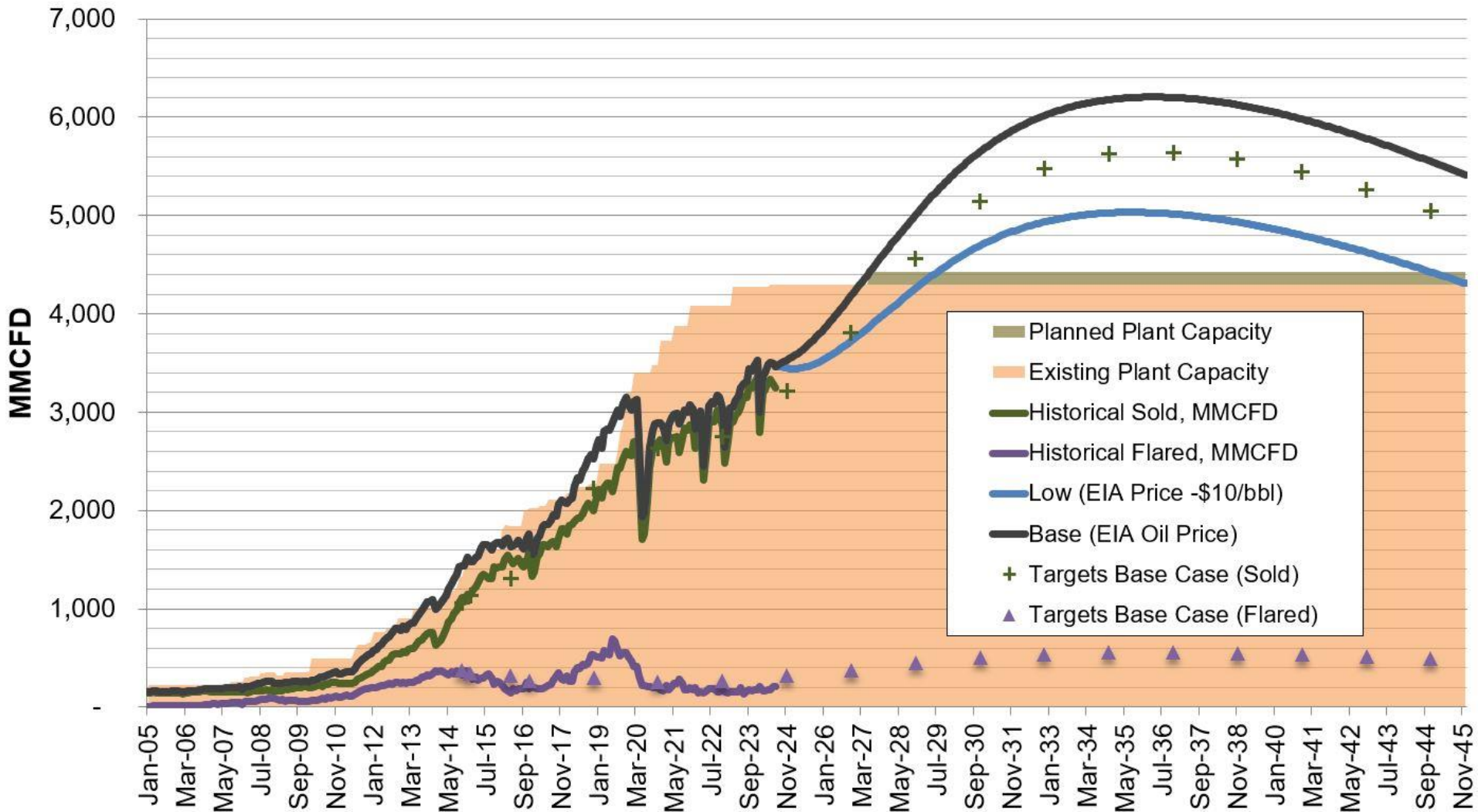


EIA Oil Price Forecast: September 2024

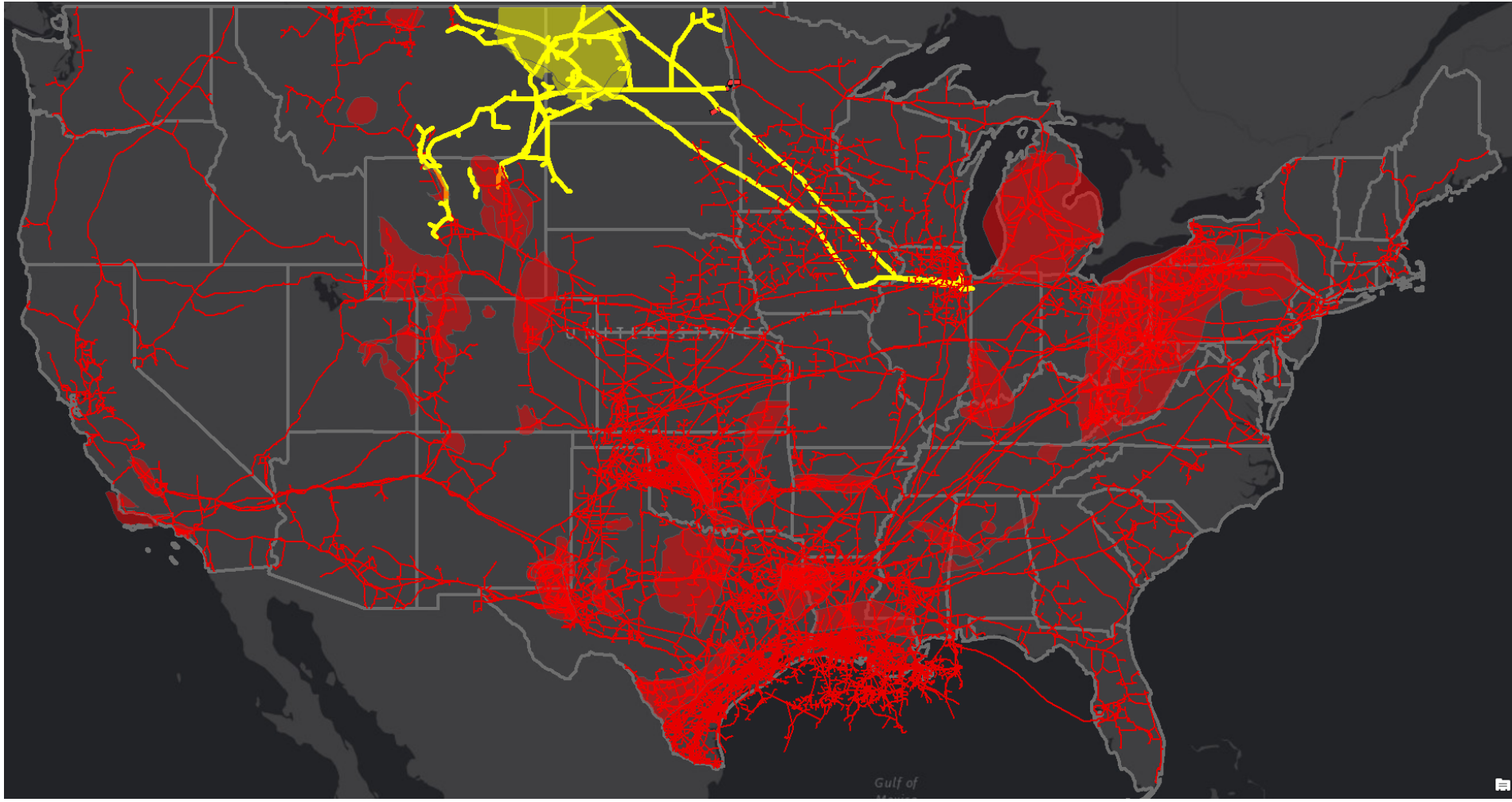
West Texas Intermediate (WTI) crude oil price dollars per barrel



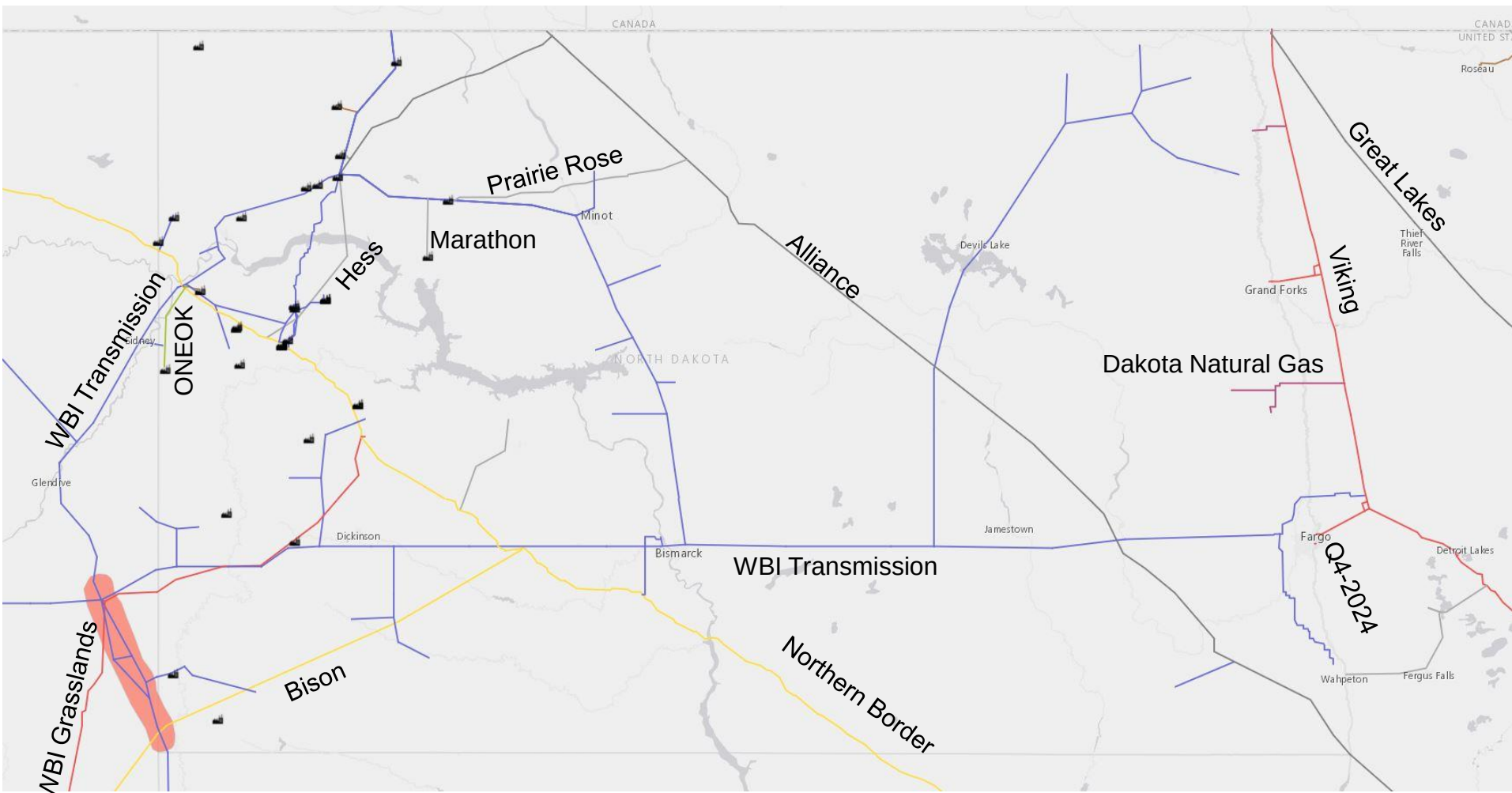
Solving the Flaring Challenge



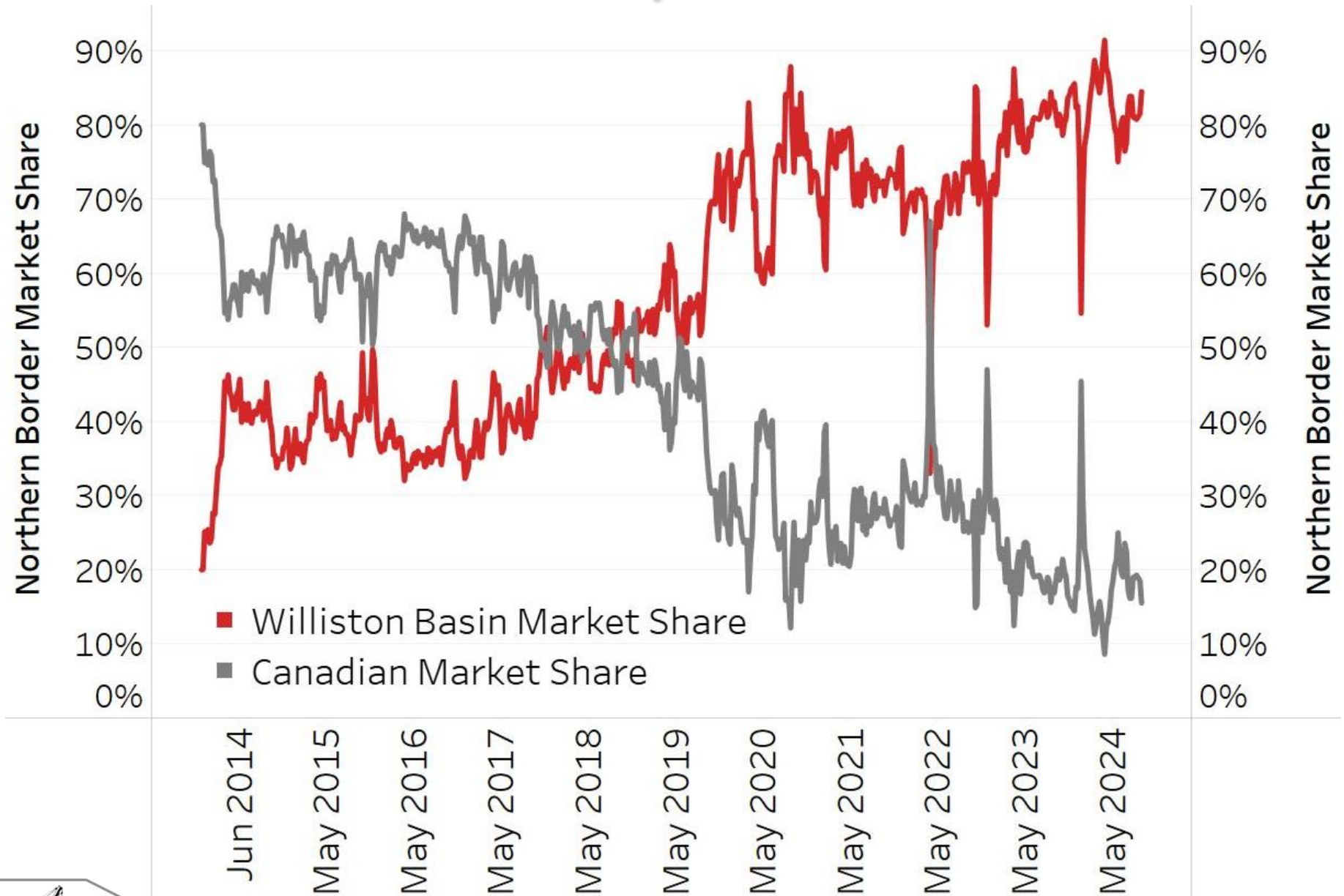
Bakken Natural Gas Infrastructure



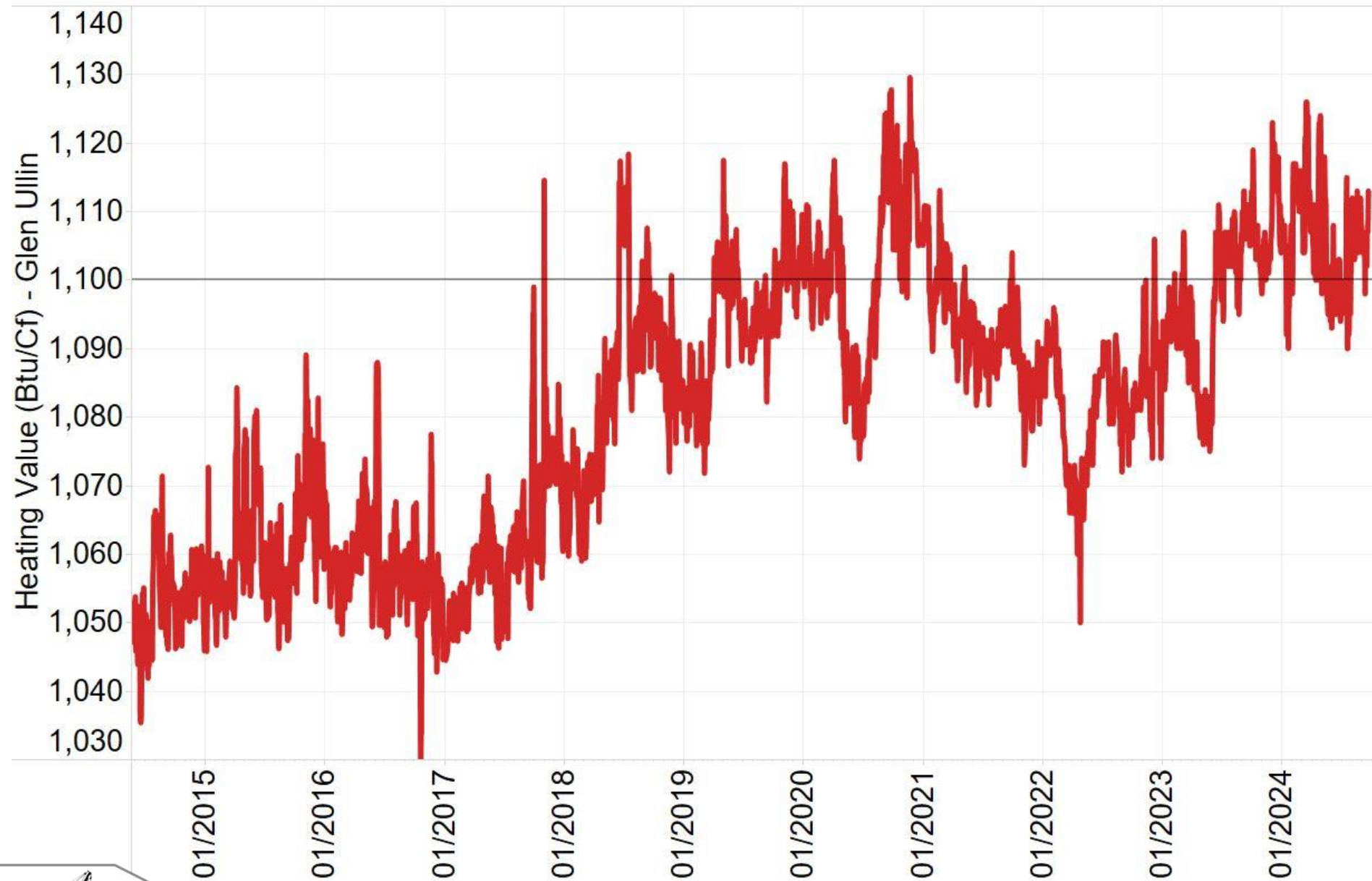
Bakken Natural Gas Infrastructure



Northern Border Pipeline Market Share



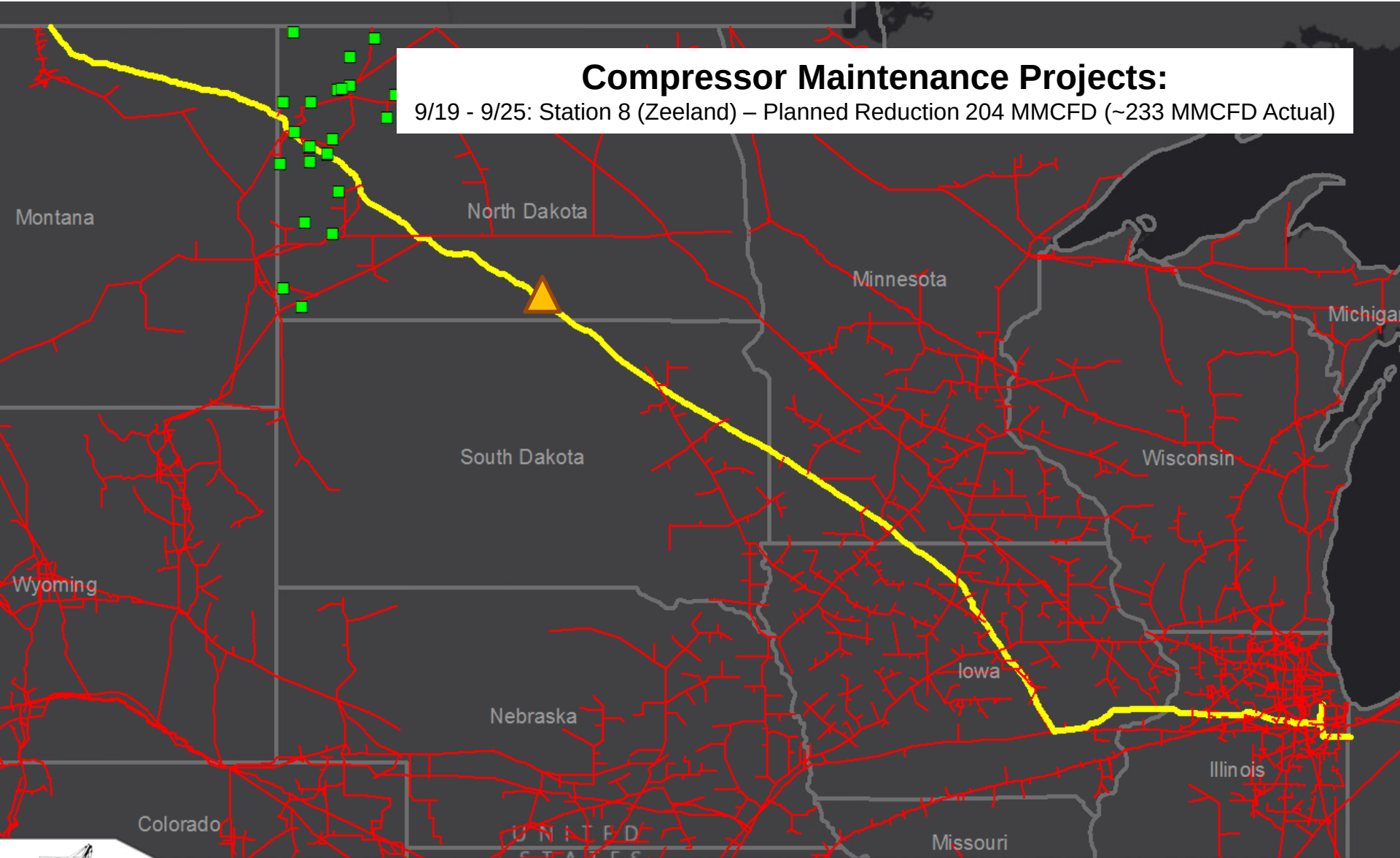
Northern Border BTU at Glen Ullin, ND



Northern Border Maintenance

Compressor Maintenance Projects:

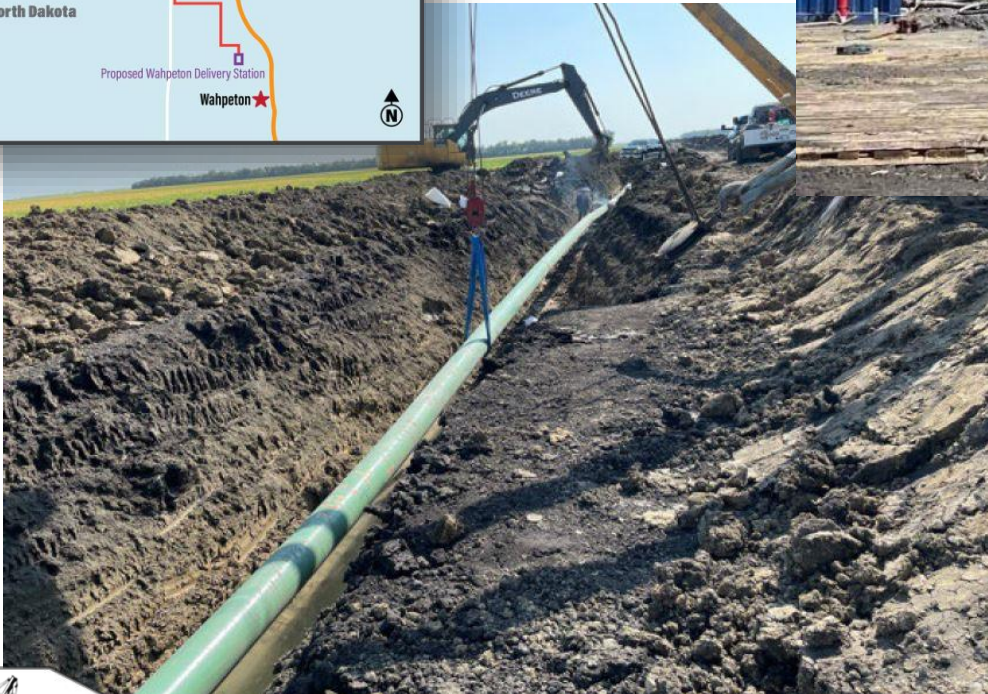
9/19 - 9/25: Station 8 (Zeeland) – Planned Reduction 204 MMCFD (~233 MMCFD Actual)



Wahpeton Expansion Project Construction Updates



Targeted
In-Service
Q4-2024



Activity	Total % Completed This Period	% of Total Job Completed
Pipeline		
Clearing / Grading	0%	100%
Stringing	0%	100%
Bending	0%	100%
Welding	1%	94%
Joint Coating	1%	94%
Ditching	<0%	92%
Lowering	<0%	91%
Backfill	2%	82%
Bores	3 of 68	66 of 68
Cleanup	<0%	8%
Seeding	0%	0%
Final Tie-in and Commissioning	0%	0%
Hydrostatic Testing	0 of 2	0 of 2



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Call before you dig.**

