



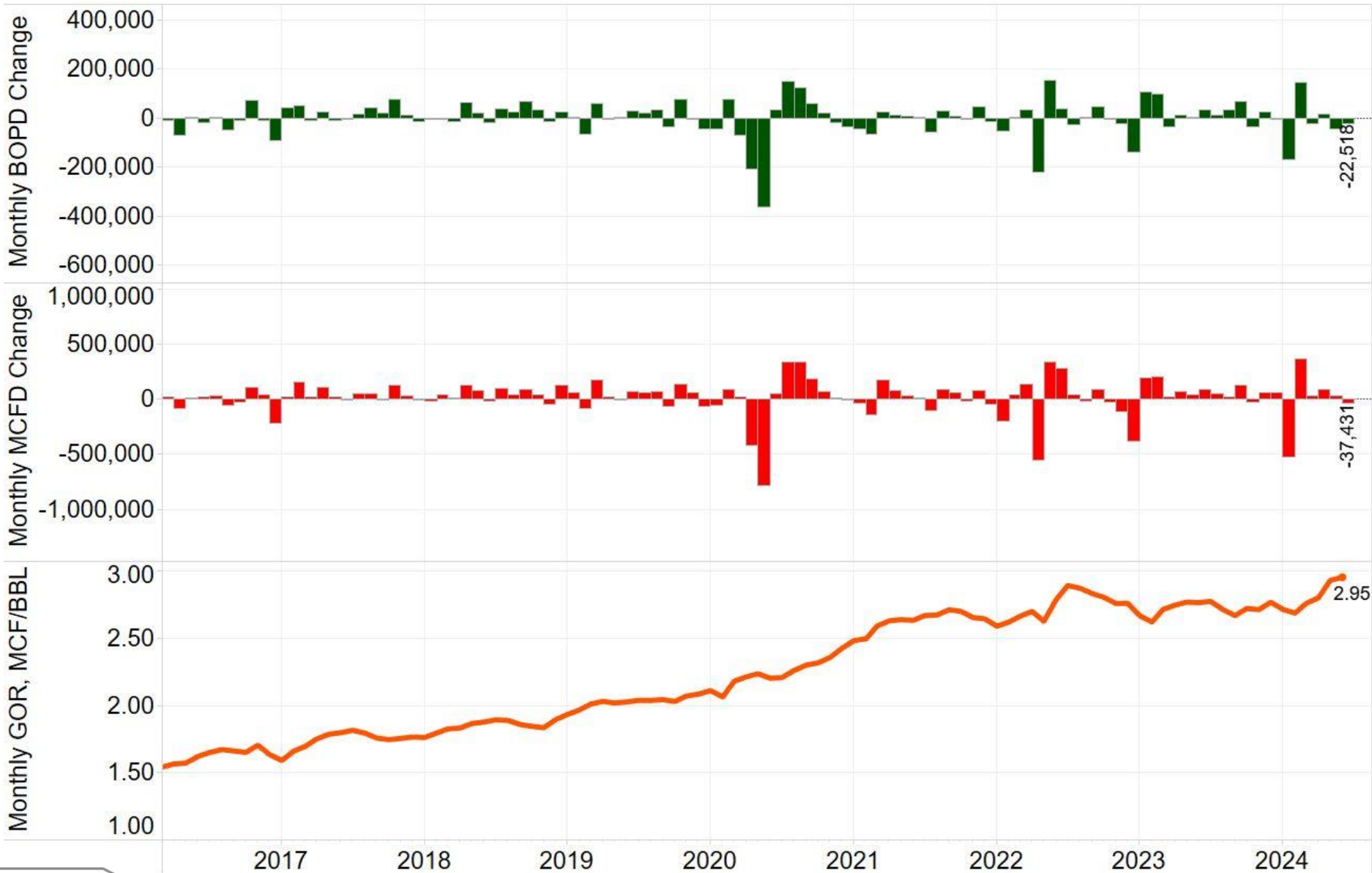
August 2024 Monthly Update
North Dakota Pipeline Authority
Justin J. Kringstad
August 15, 2024

US Williston Basin Oil Production - 2024

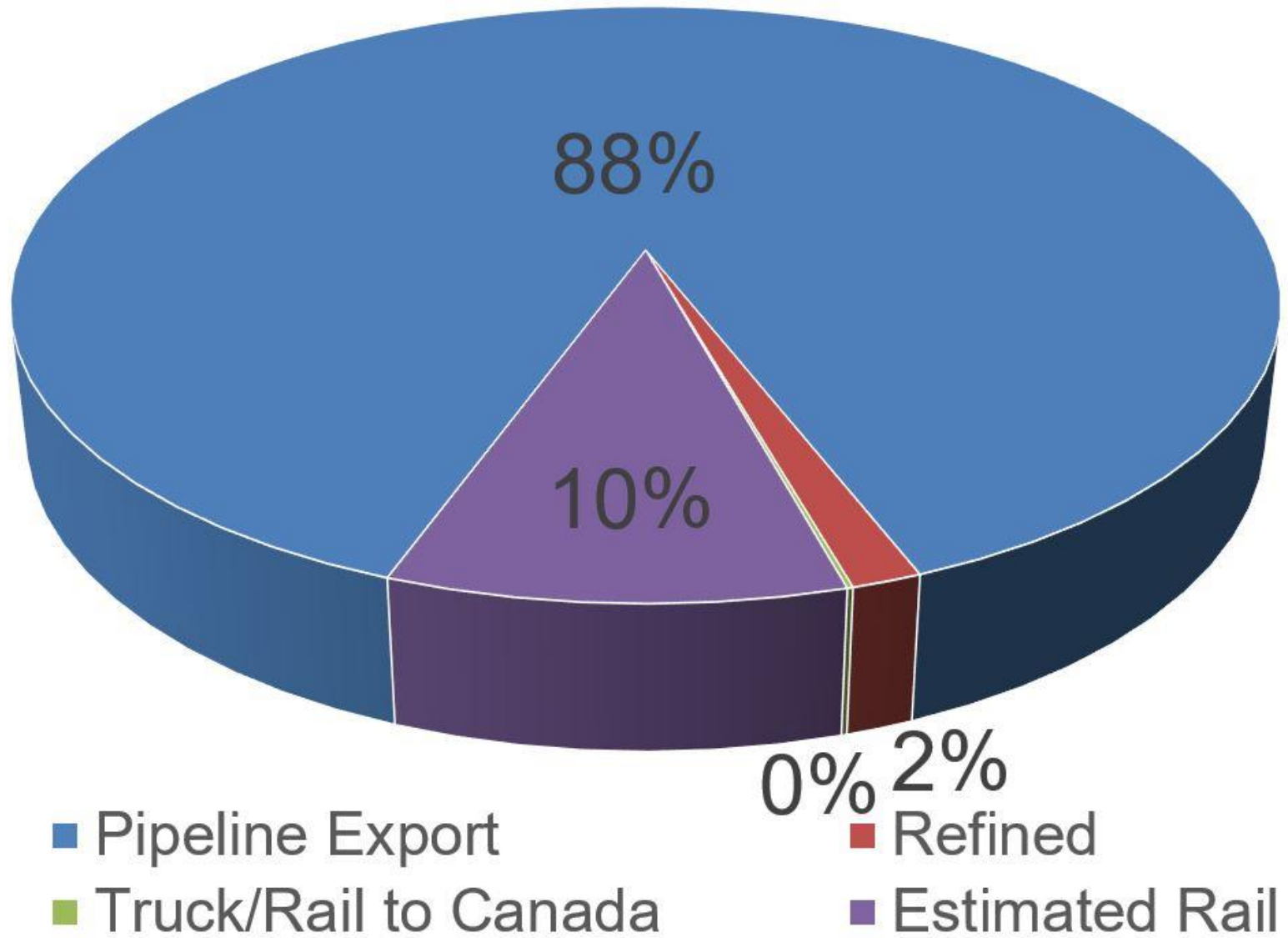
MONTH	ND	Eastern MT*	SD	TOTAL
January	1,105,424	59,244	2,312	1,166,980
February	1,252,501	66,094	2,412	1,321,007
March	1,229,540	70,089	2,590	1,302,219
April	1,243,678	71,443	2,430	1,317,551
May	1,198,086		2,349	
June	1,175,567			
July				
August				
September				
October				
November				
December				



North Dakota Monthly Production Change



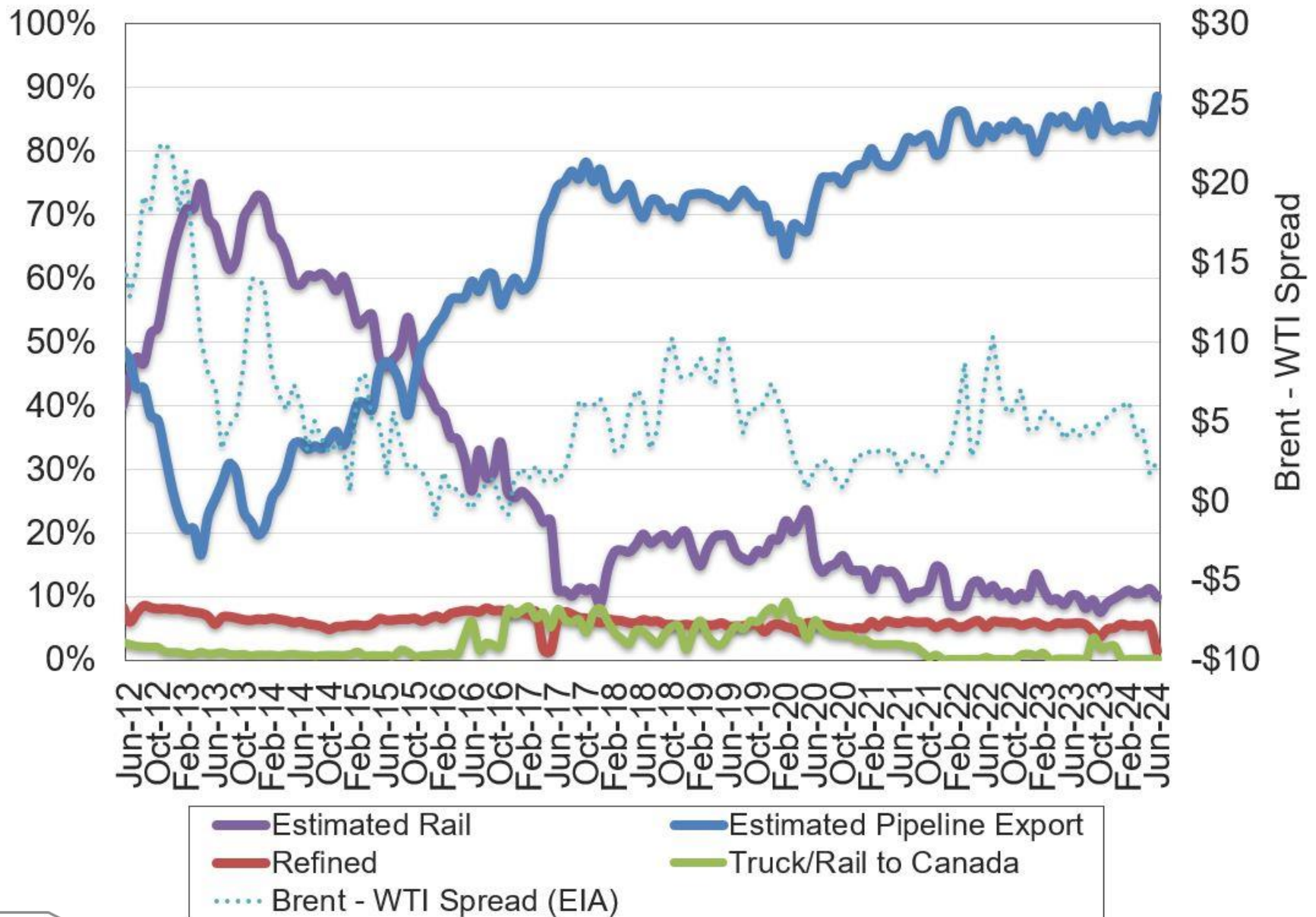
Estimated Williston Basin Oil Transportation



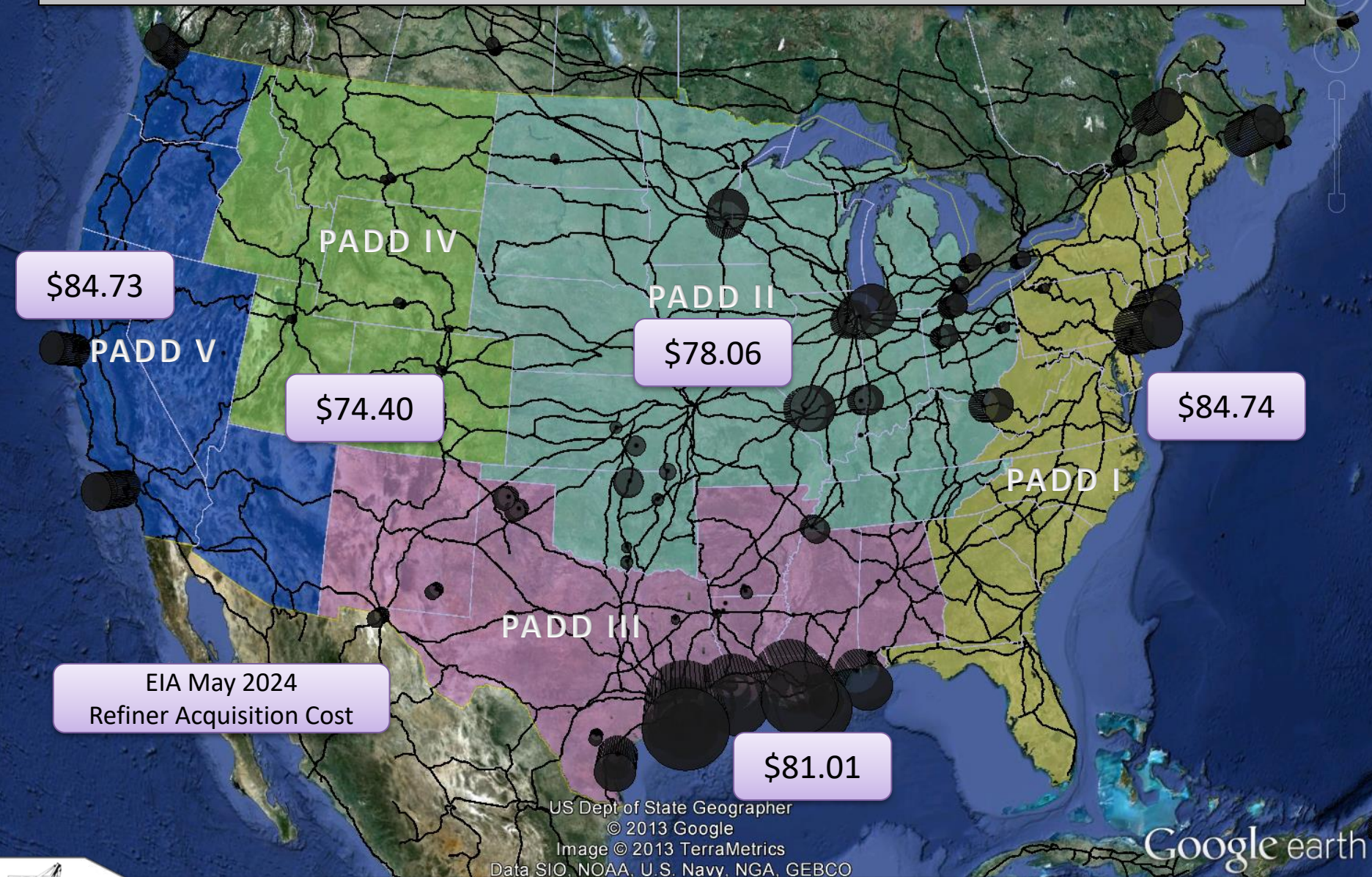
June 2024



Estimated Williston Basin Oil Transportation



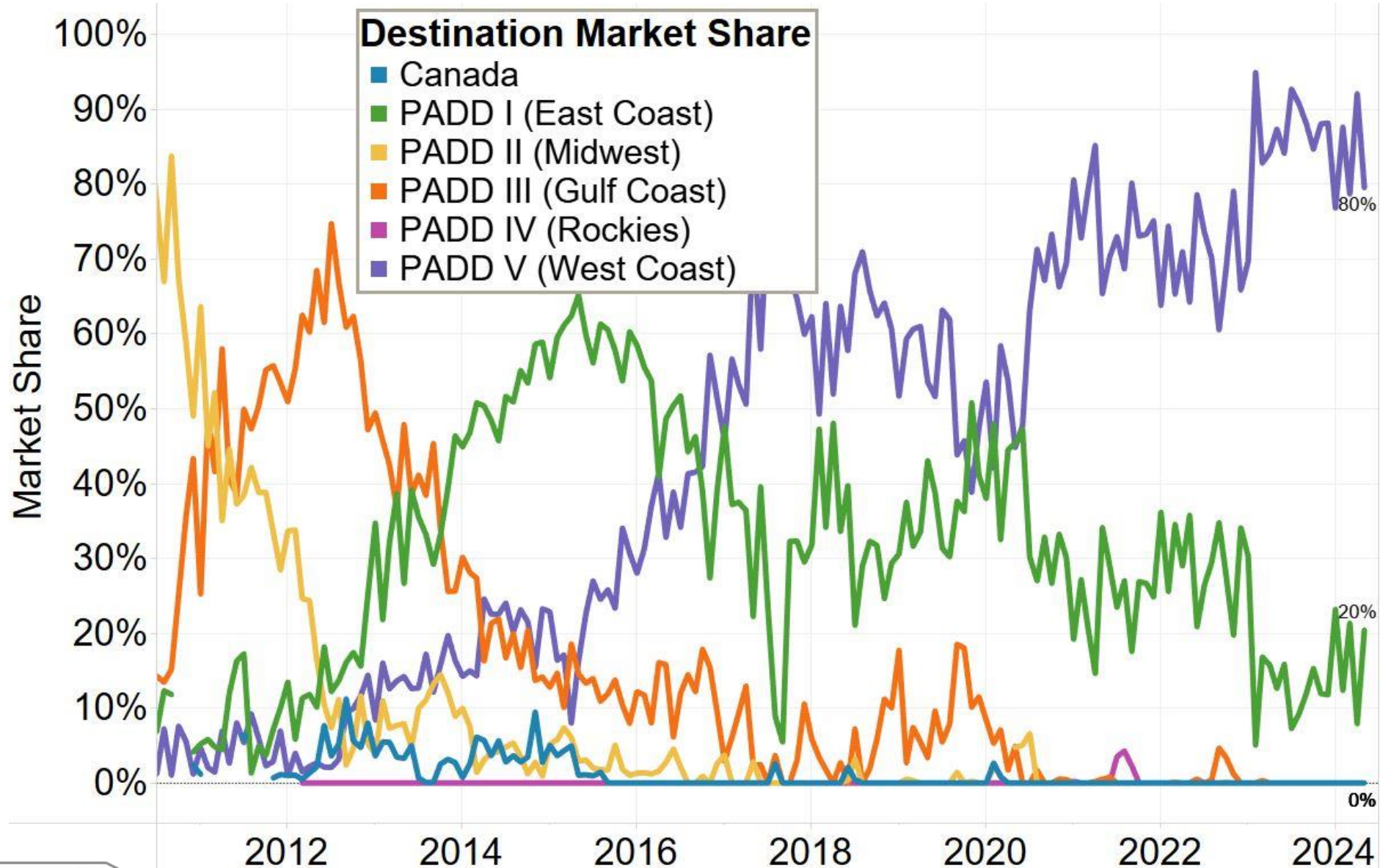
Major Rail Lines and Refineries



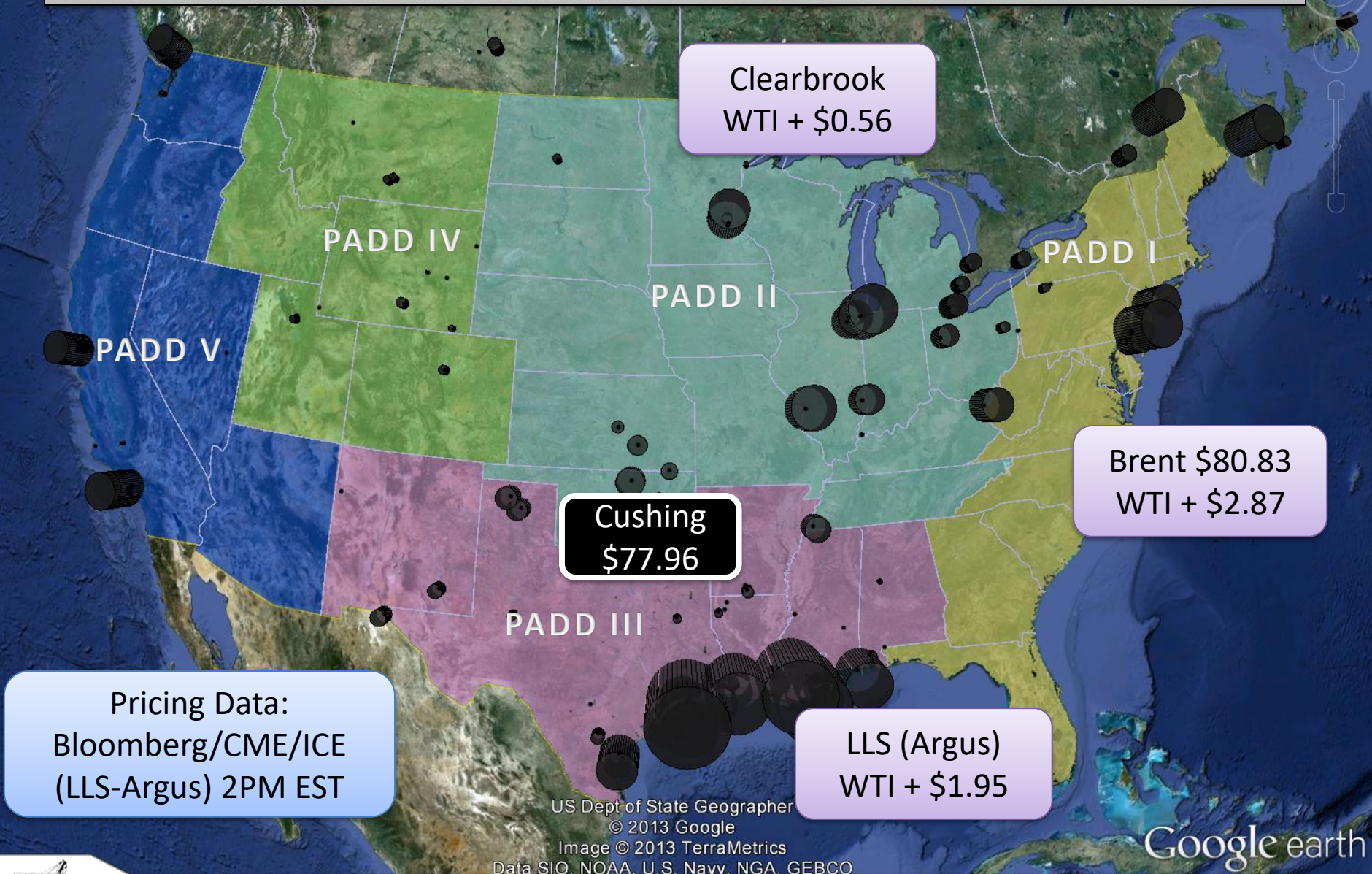
Estimated ND Rail Export Volumes



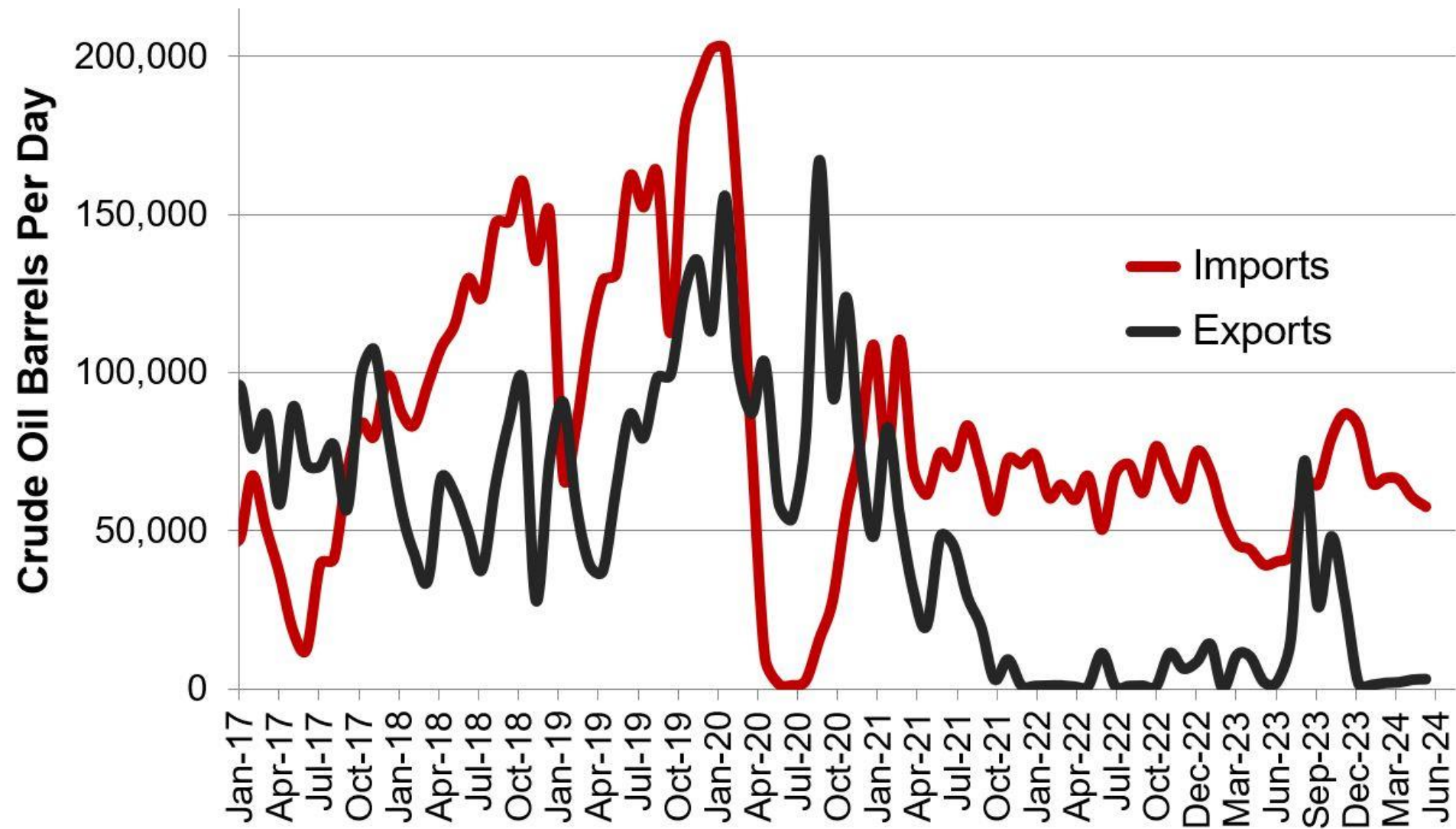
Rail Destinations Market Share (May 2024)



Crude Oil Prices – August 15, 2024



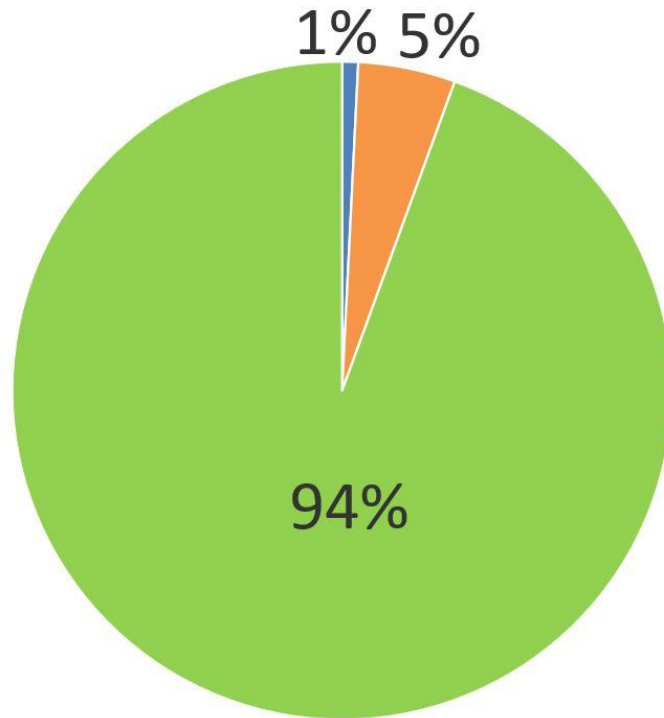
Williston Basin Truck/Rail Imports and Exports with Canada



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.

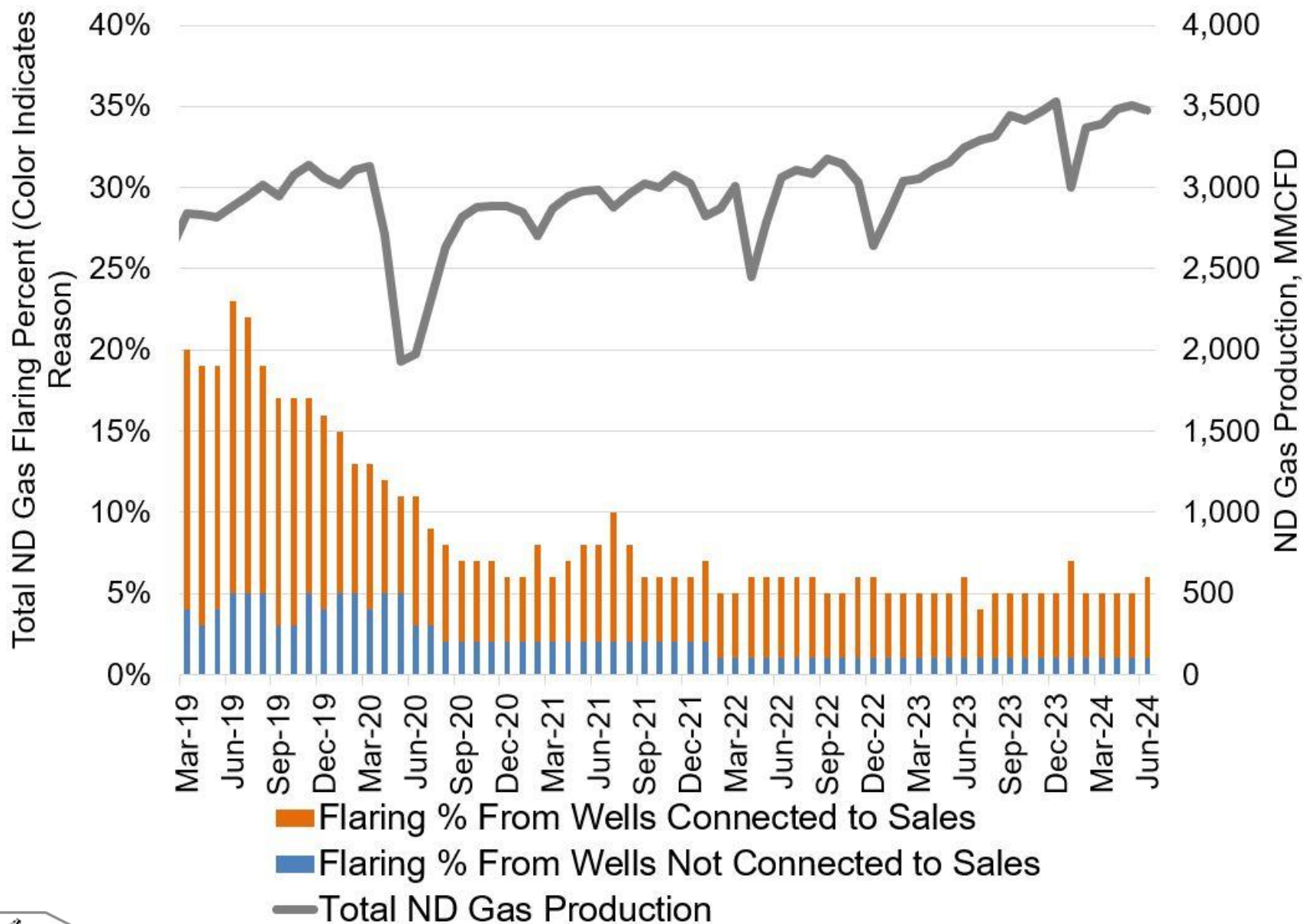
Simple Terms

Blue – Lack of pipelines
Orange – Challenges on existing infrastructure

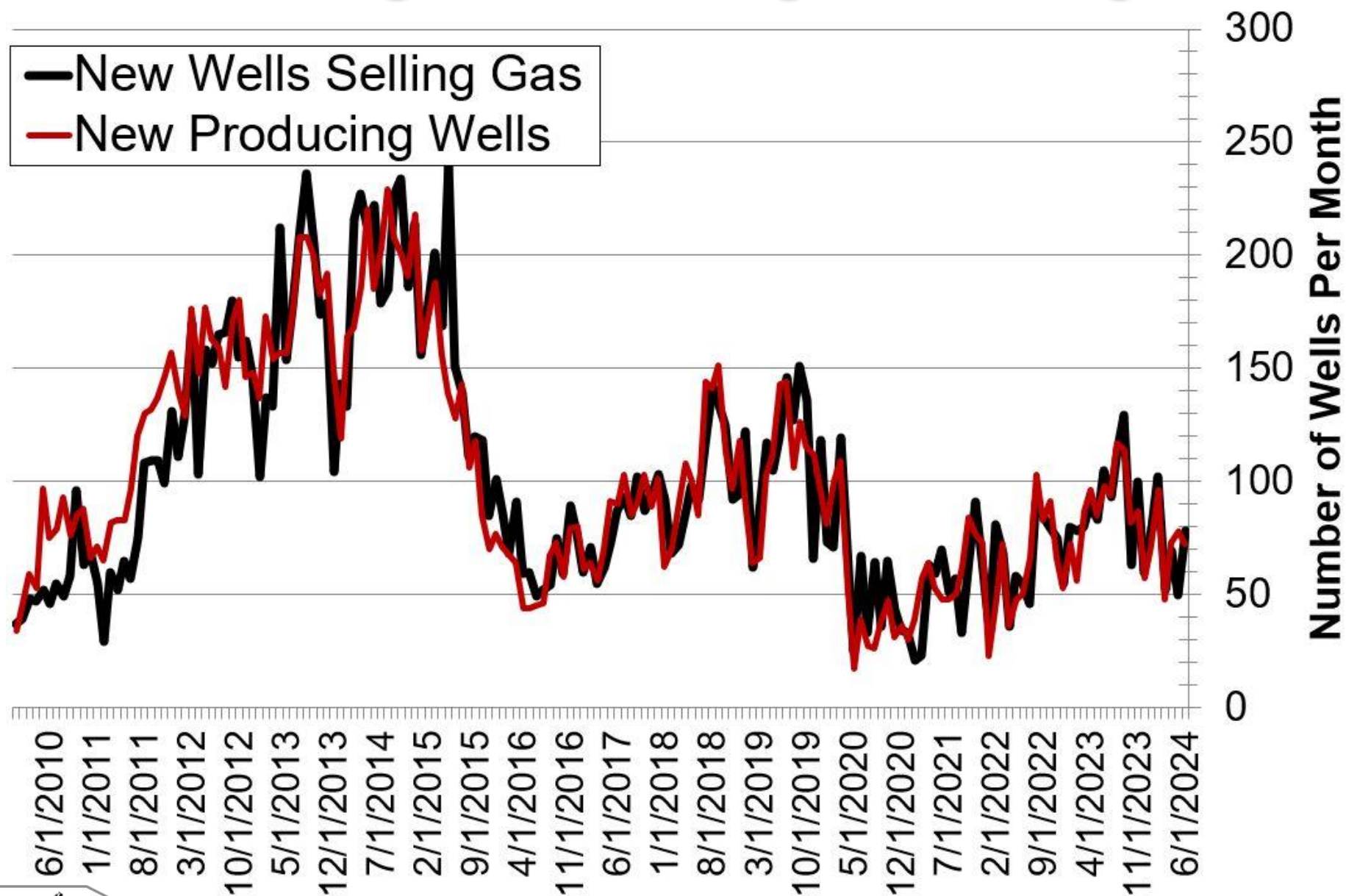
June 2024 Data – Non-Confidential Wells



Solving the Flaring Challenge

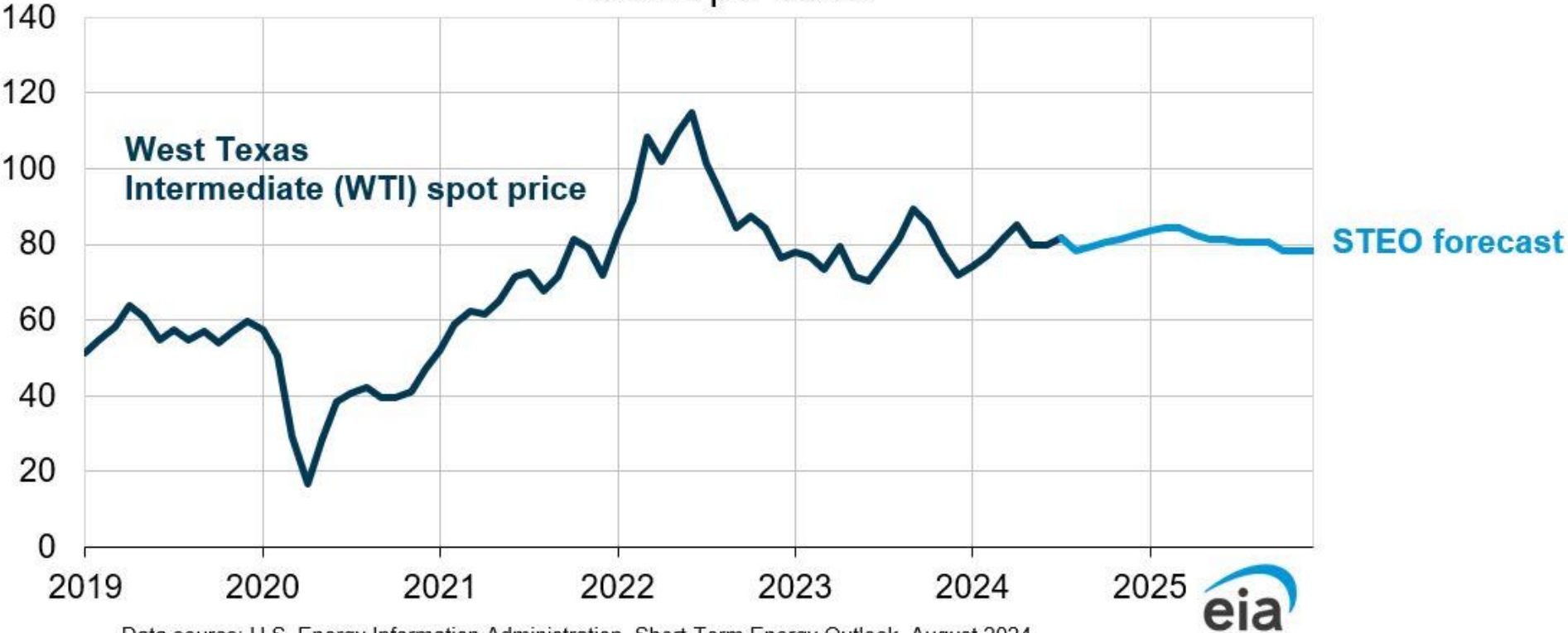


Solving the Flaring Challenge

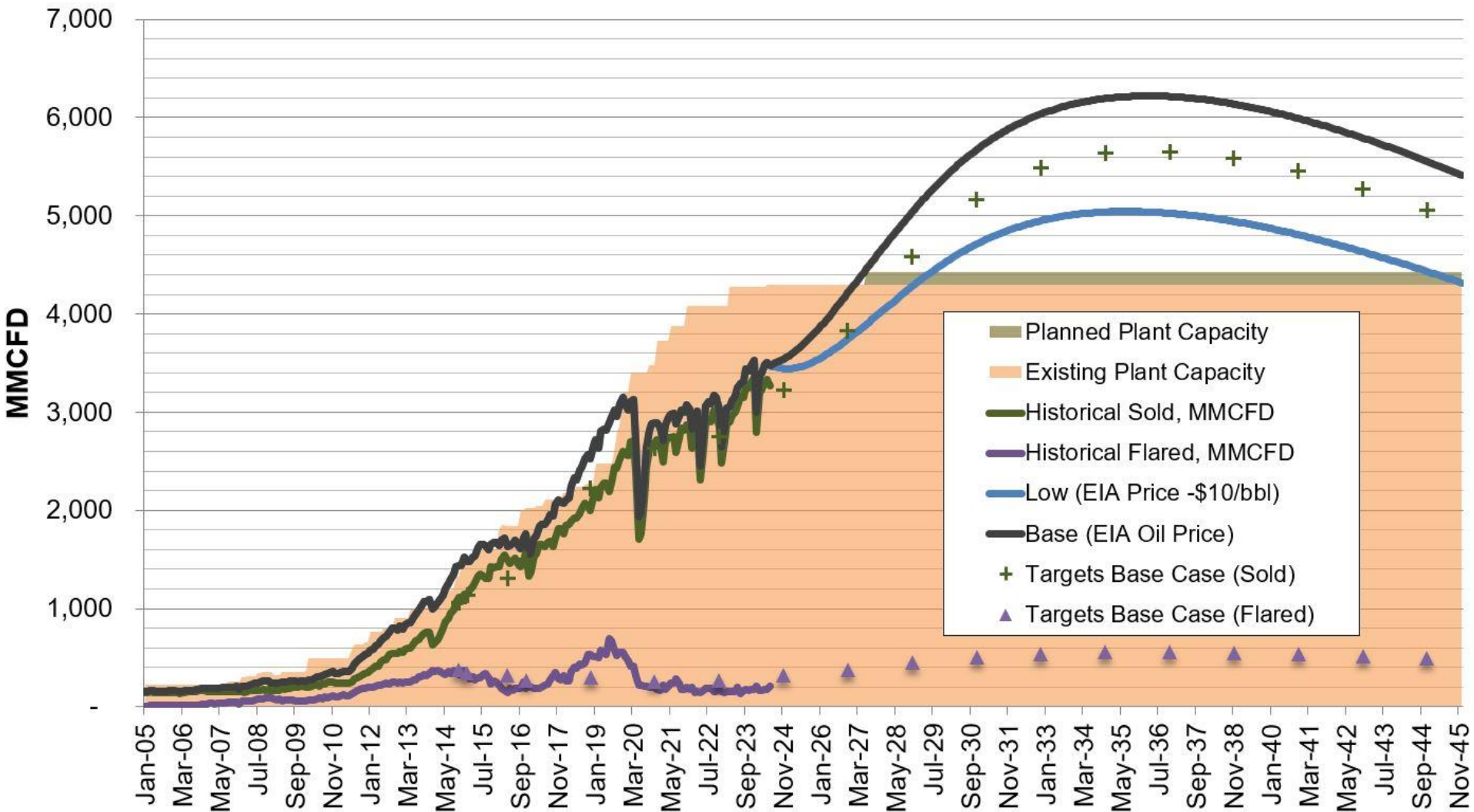


EIA Oil Price Forecast: August 2024

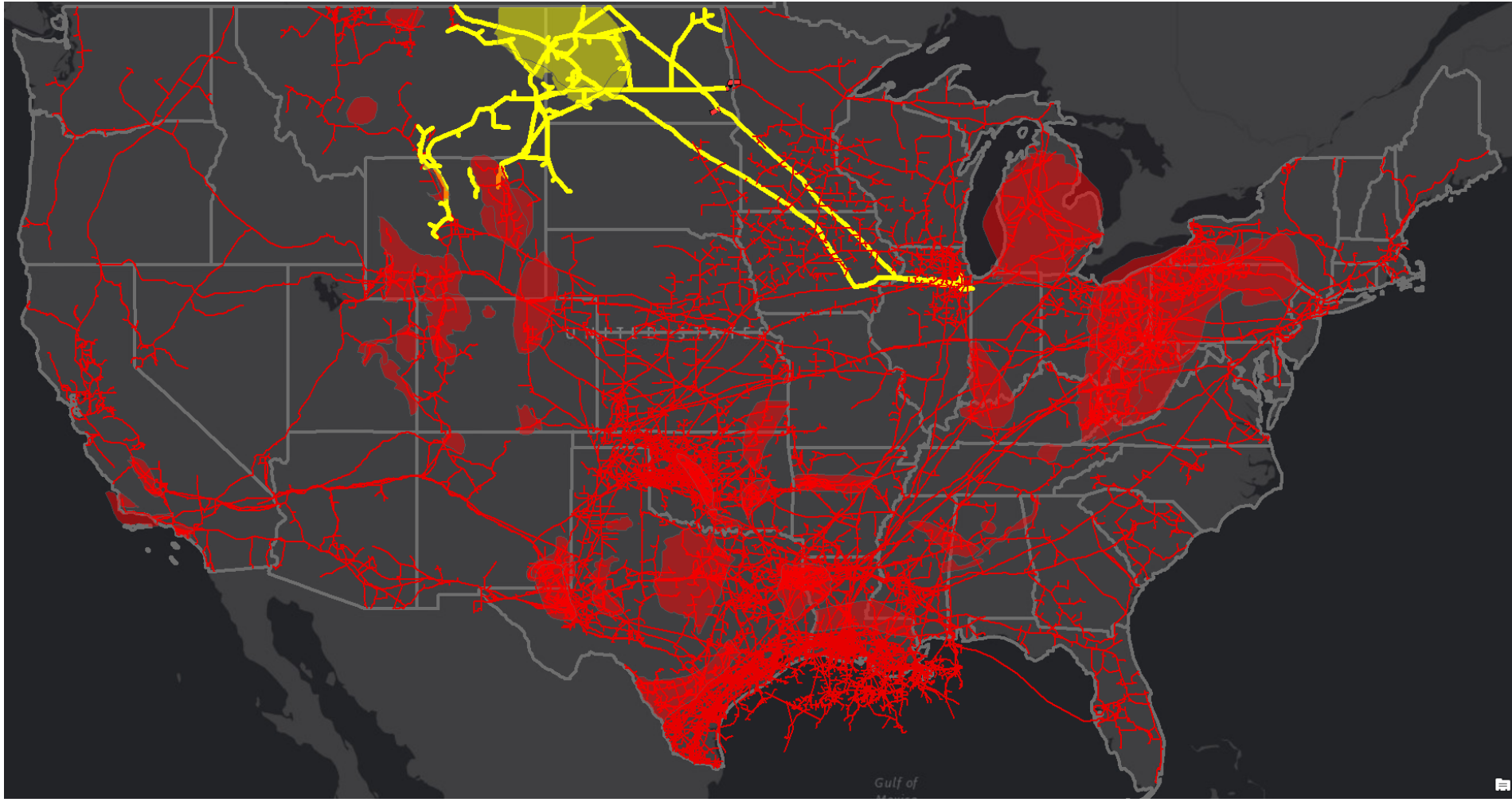
West Texas Intermediate (WTI) crude oil price
dollars per barrel



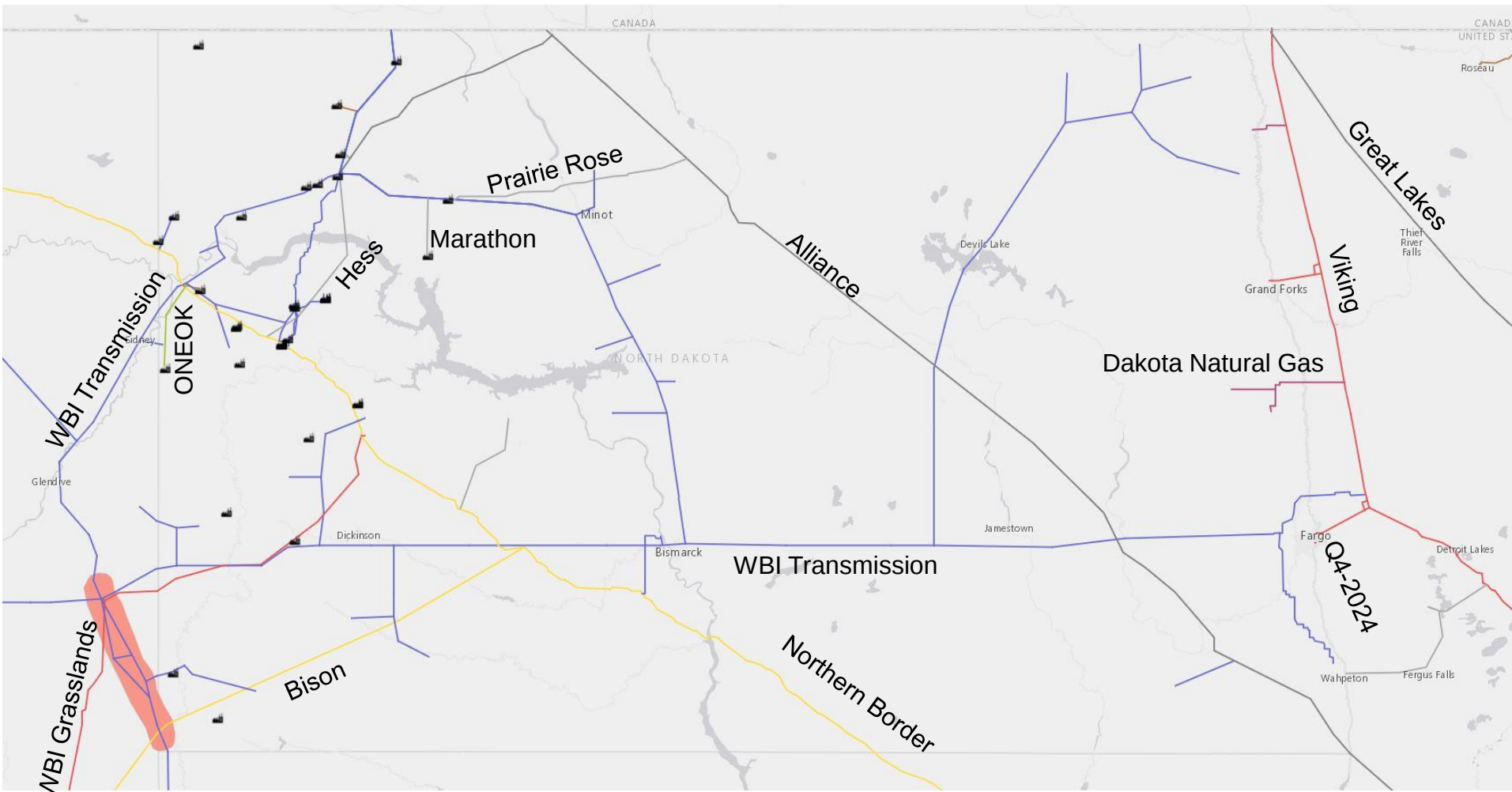
Solving the Flaring Challenge



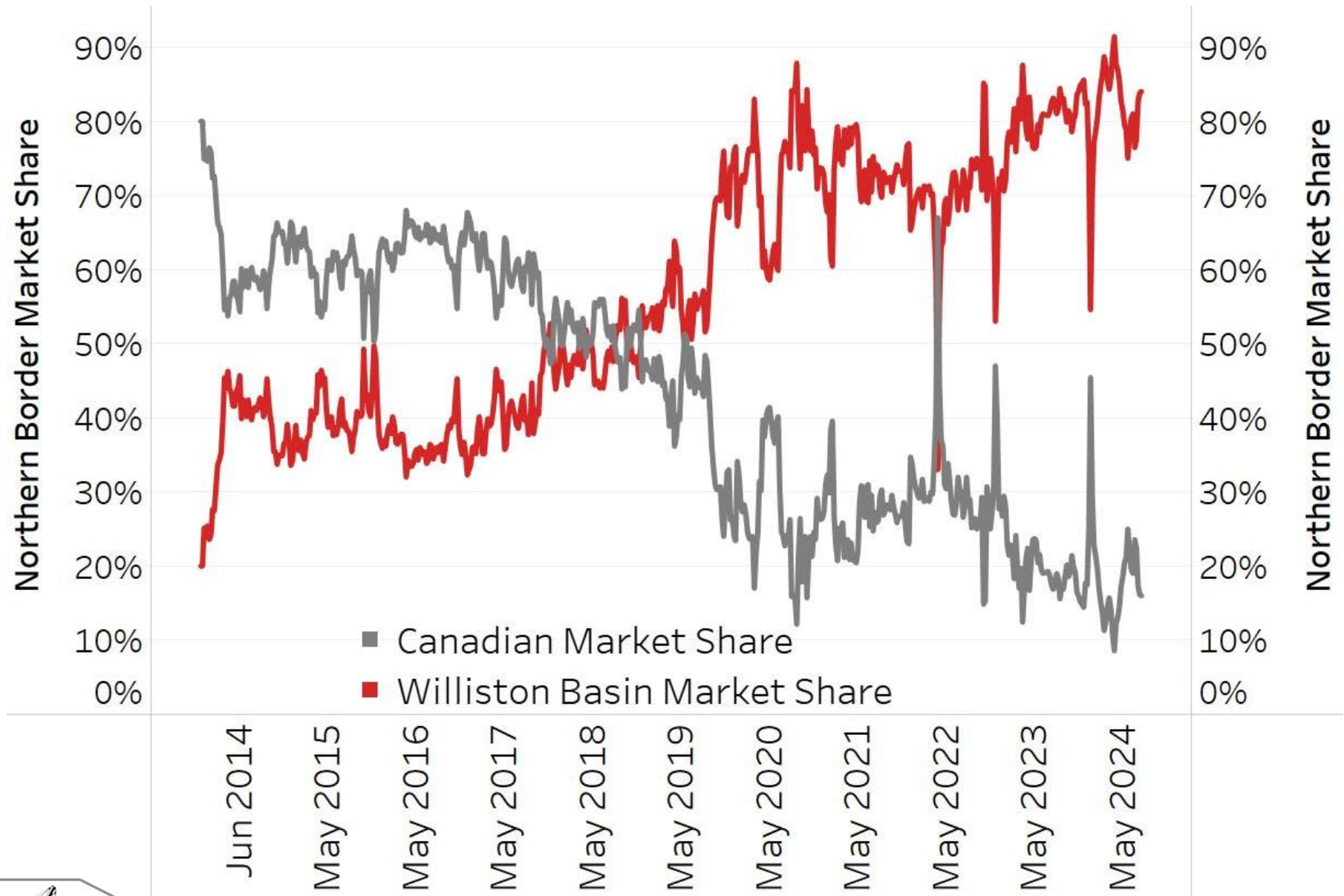
Bakken Natural Gas Infrastructure



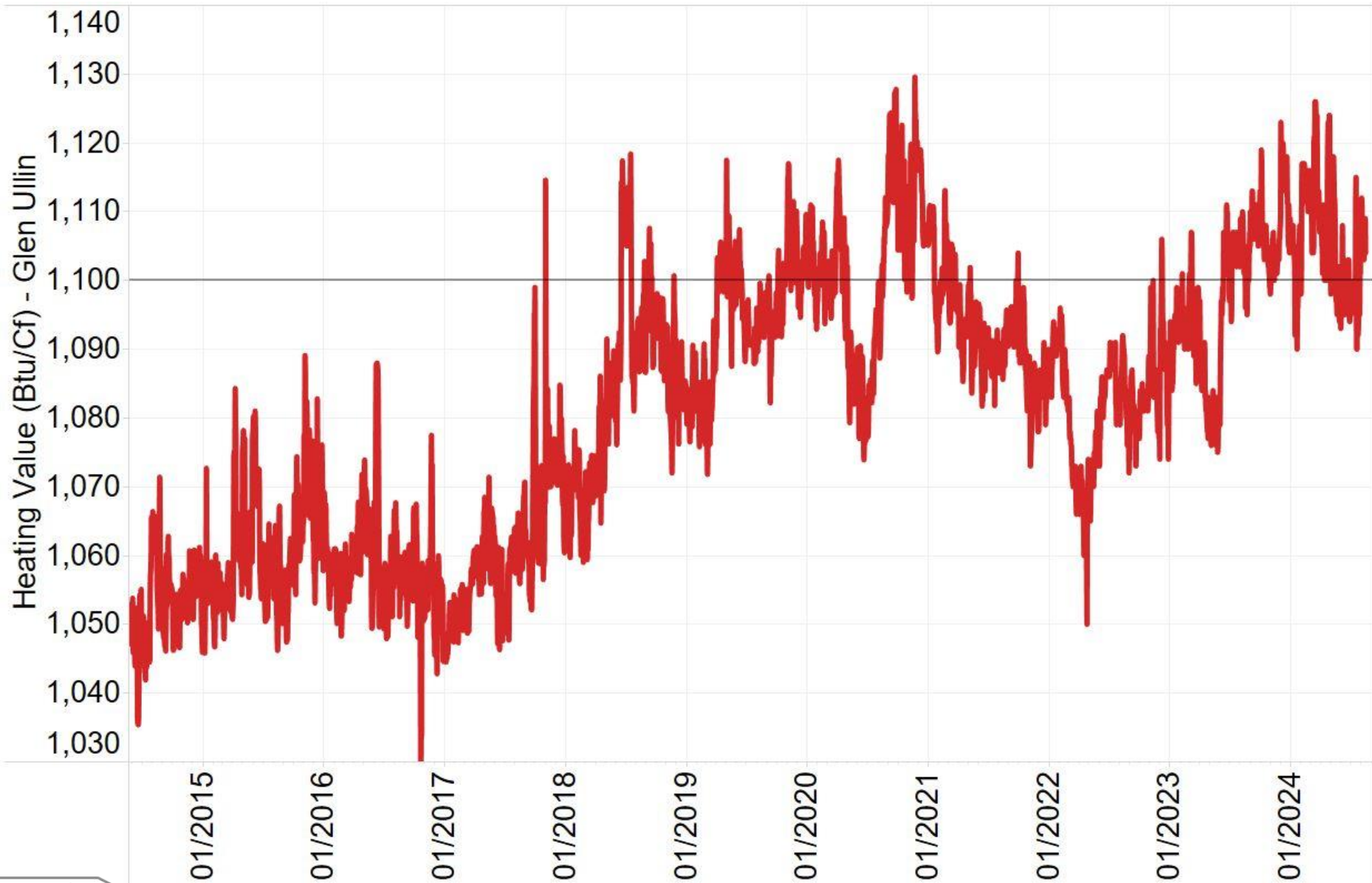
Bakken Natural Gas Infrastructure



Northern Border Pipeline Market Share



Northern Border BTU at Glen Ullin, ND



Wahpeton Expansion Project Construction Updates

Targeted
In-Service
Q4-2024

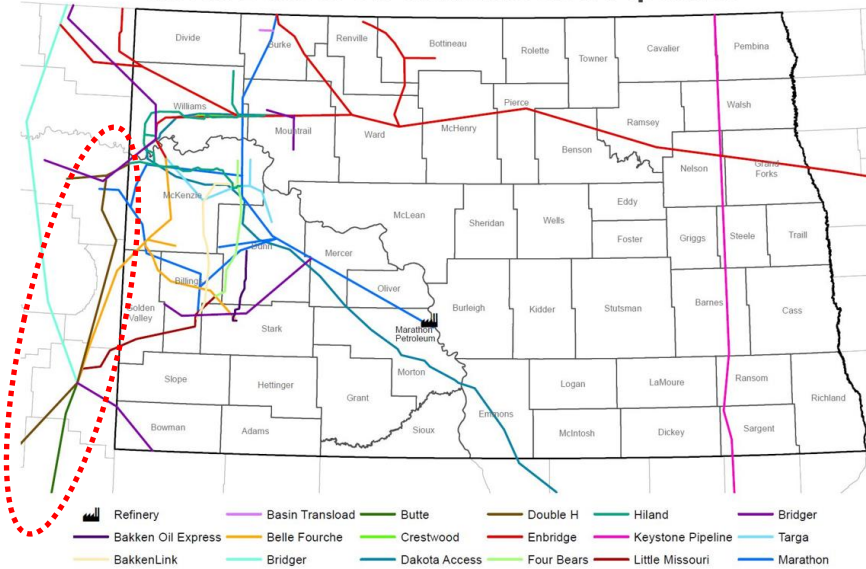


Activity	Total % Completed This Period	% of Total Job Completed
Pipeline		
Clearing / Grading	17%	84%
Stringing	15%	75%
Bending	14%	78%
Welding	10%	60%
Joint Coating	14%	40%
Ditching	10%	34%
Lowering	10%	34%
Backfill	8%	28%
Bores	6 of 68	30 of 68
Cleanup	0%	8%
Seeding	0%	0%
Final Tie-in and Commissioning	0%	0%
Hydrostatic Testing	0 of 2	0 of 2

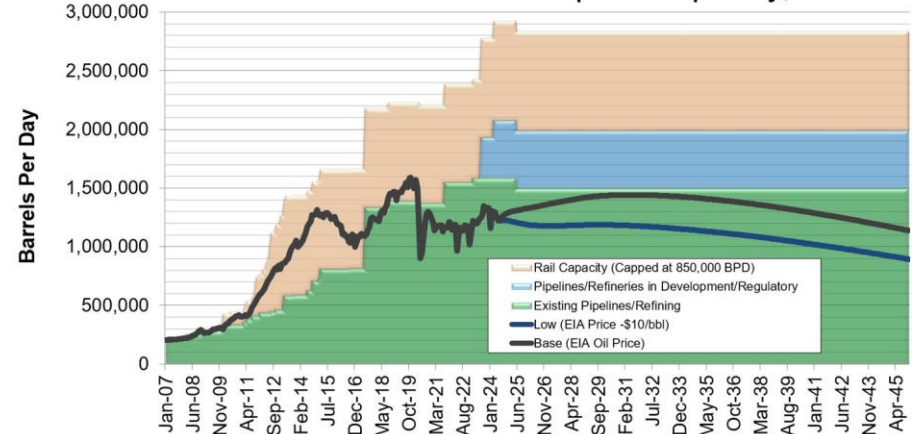


KM Double H Pipeline Conversion

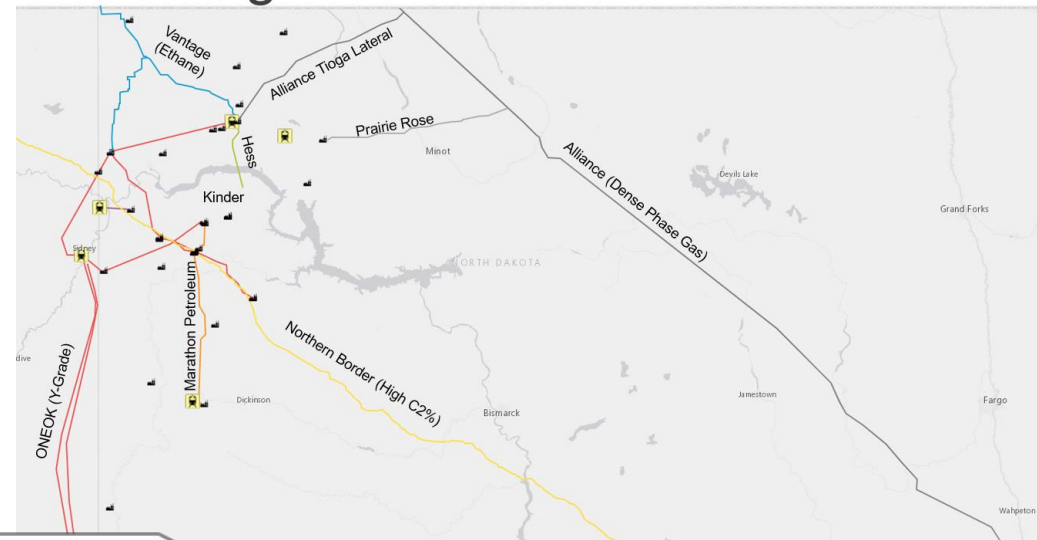
North Dakota Oil Transmission Pipelines



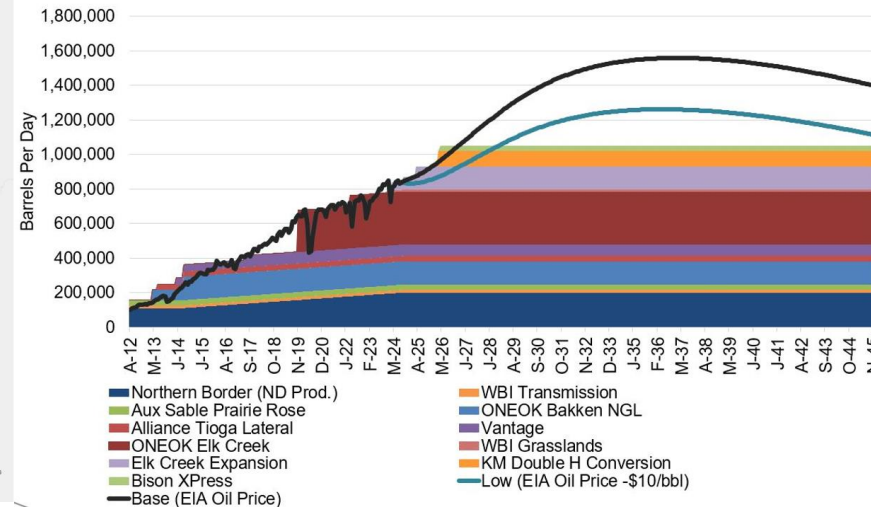
Williston Basin Oil Production & Export Capacity, BOPD



Regional NGL Infrastructure



NGL Transport Needs



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**Know what's below.
Call before you dig.**

