



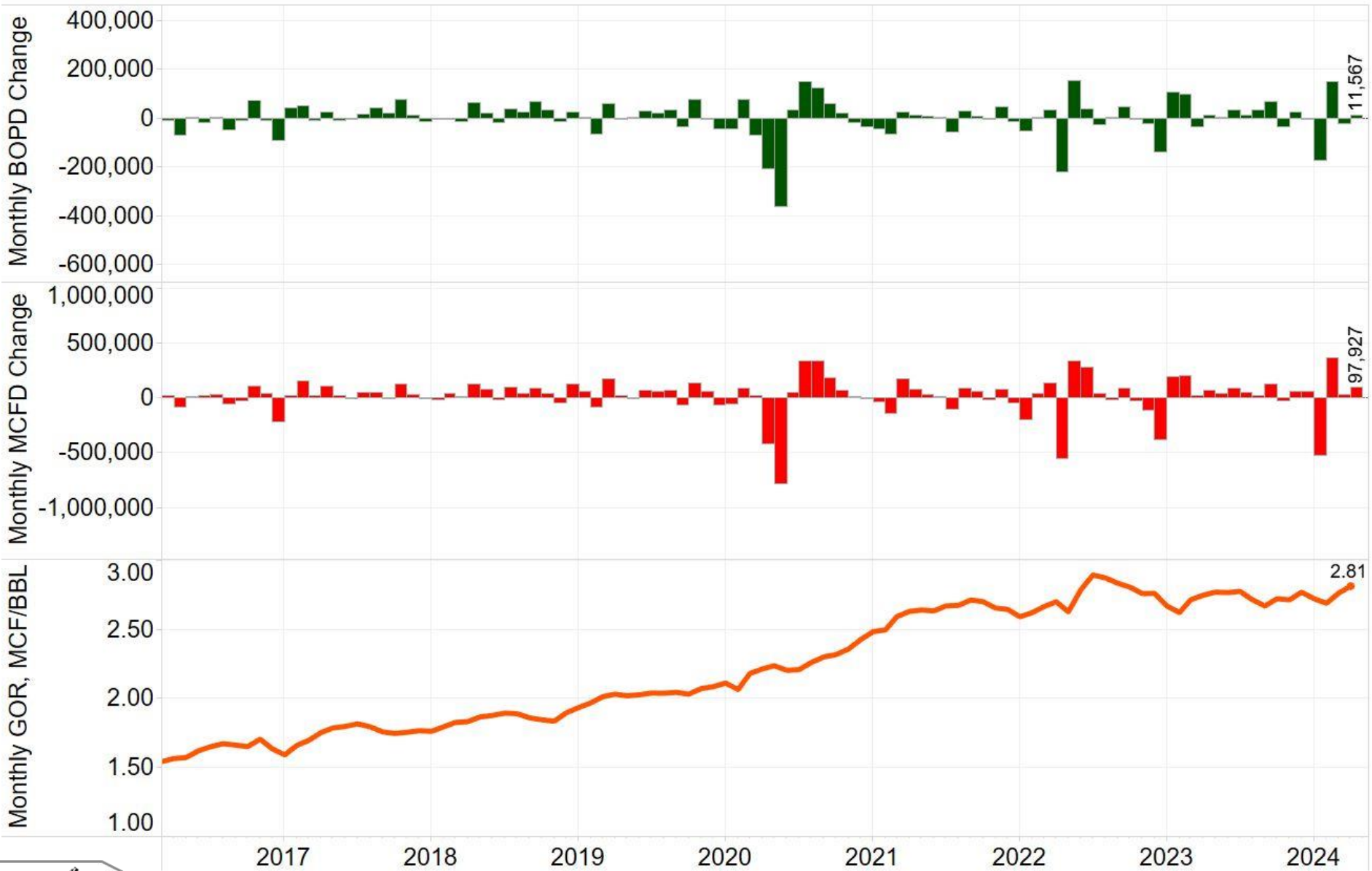
June 2024 Monthly Update
North Dakota Pipeline Authority
Justin J. Kringstad
June 14, 2024

US Williston Basin Oil Production - 2024

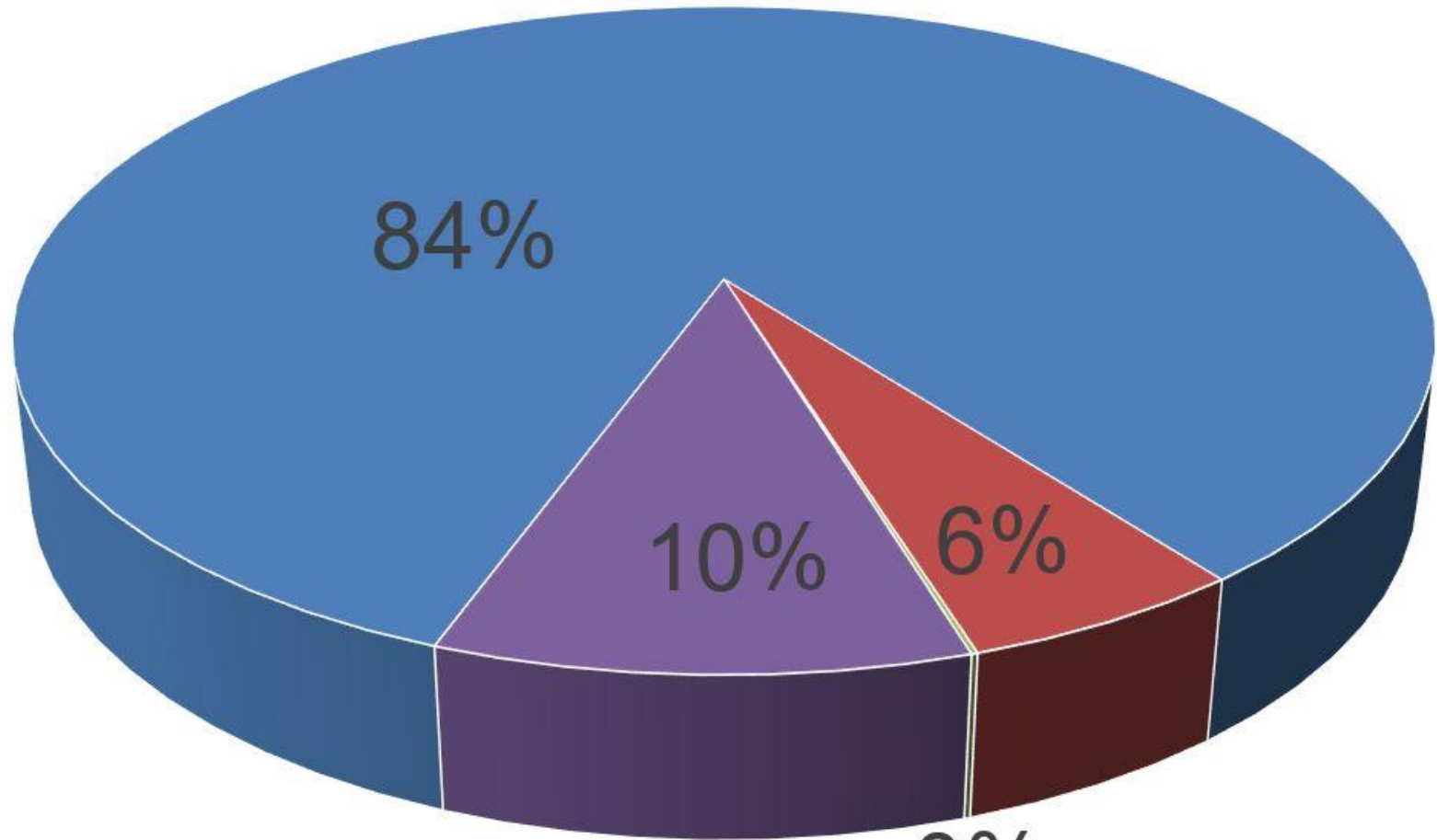
MONTH	ND	Eastern MT*	SD	TOTAL
January	1,103,017	59,066	2,312	1,164,394
February	1,252,102	65,517	2,411	1,320,030
March	1,229,539	68,957	2,589	1,301,085
April	1,241,106			
May				
June				
July				
August				
September				
October				
November				
December				



North Dakota Monthly Production Change



Estimated Williston Basin Oil Transportation



■ Pipeline Export

■ Truck/Rail to Canada

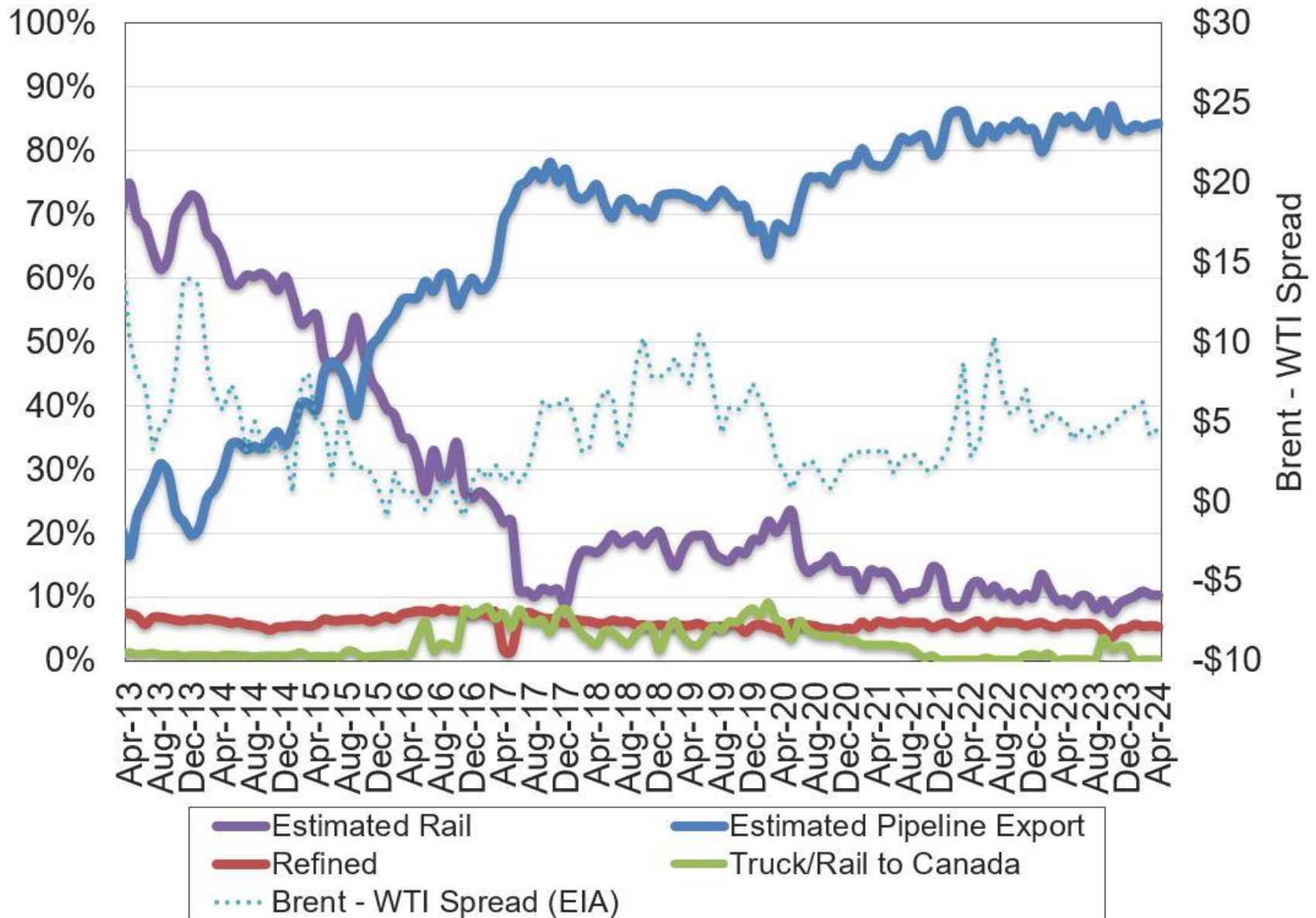
■ Refined

■ Estimated Rail

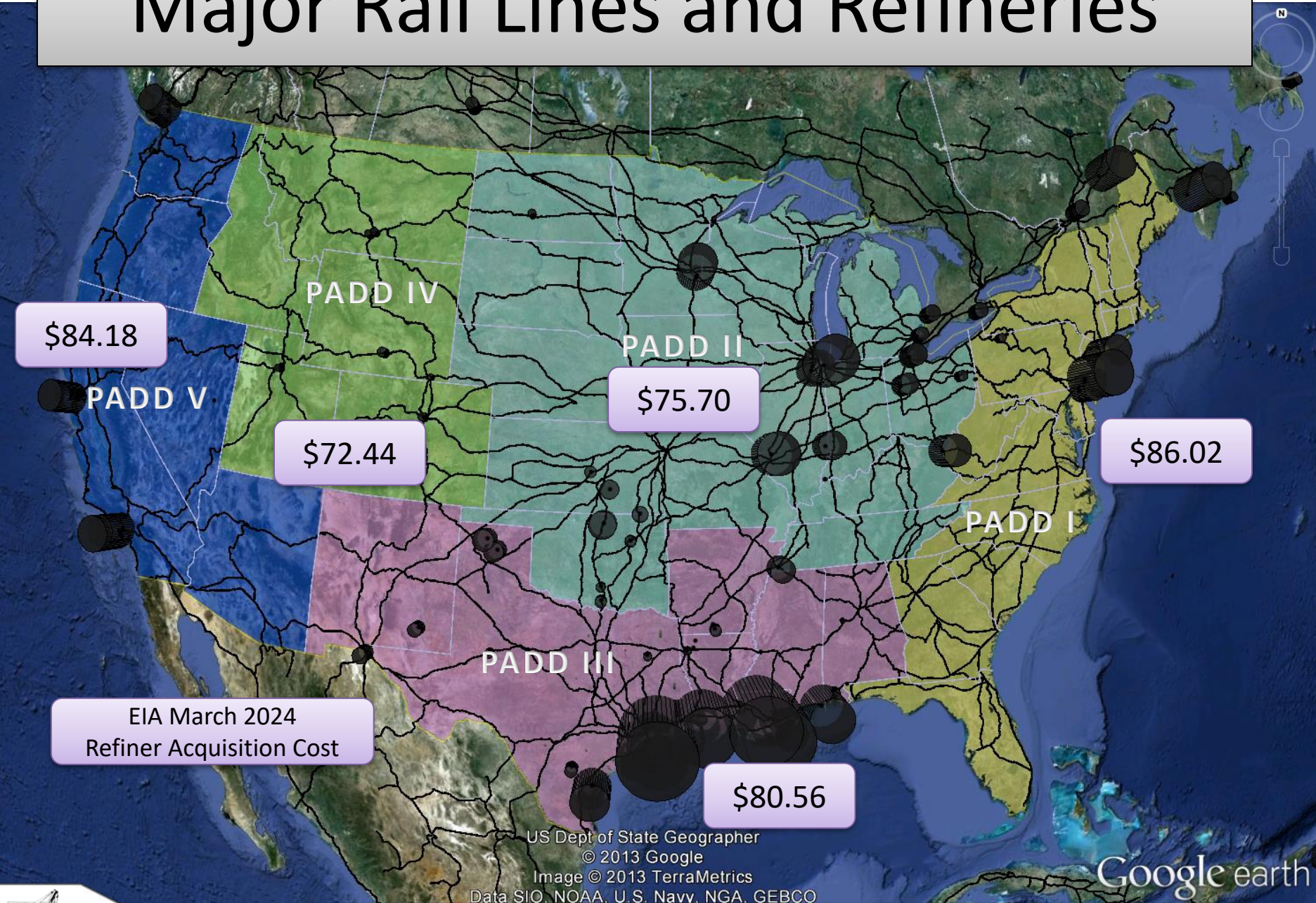
April 2024



Estimated Williston Basin Oil Transportation



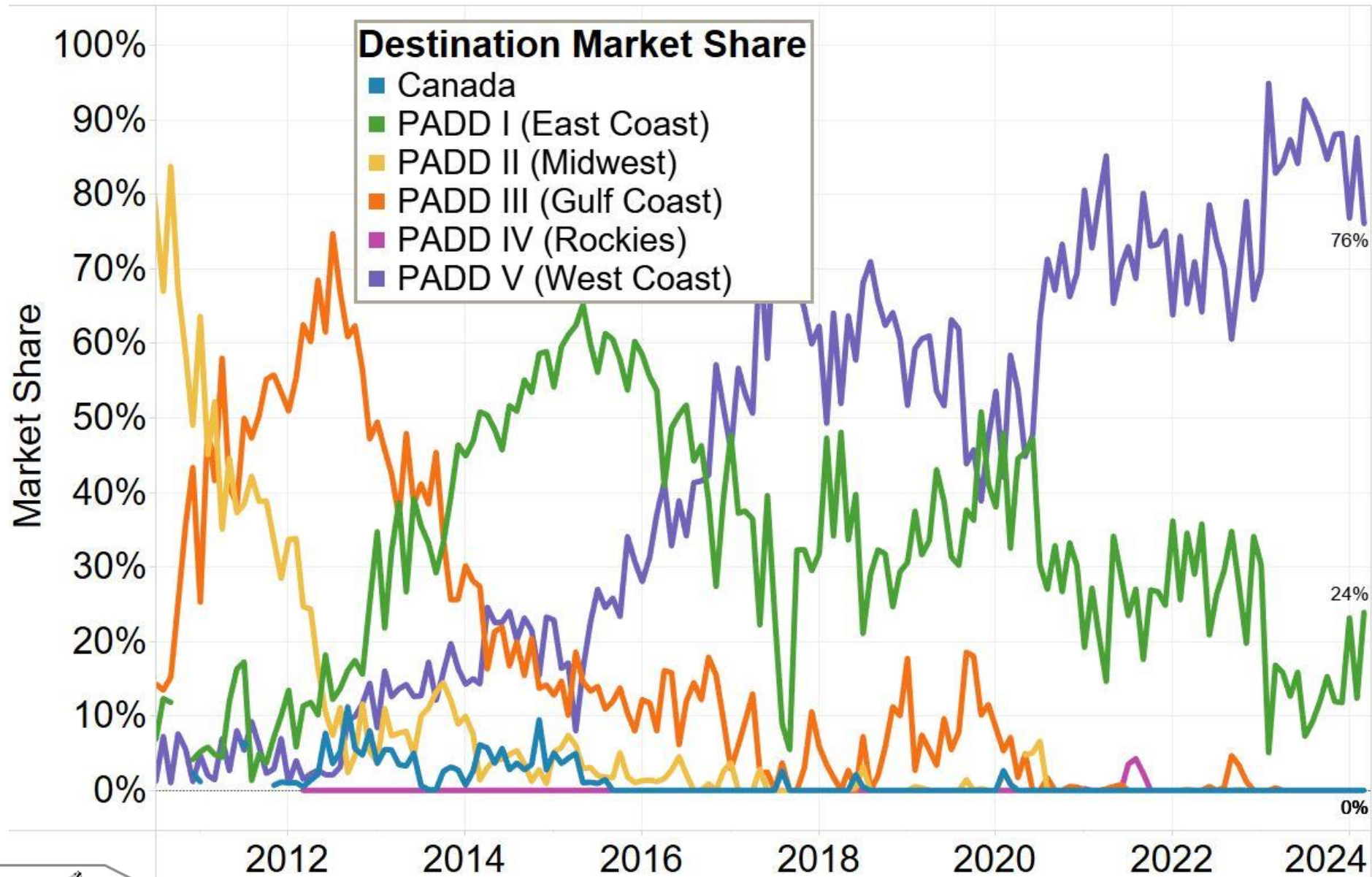
Major Rail Lines and Refineries



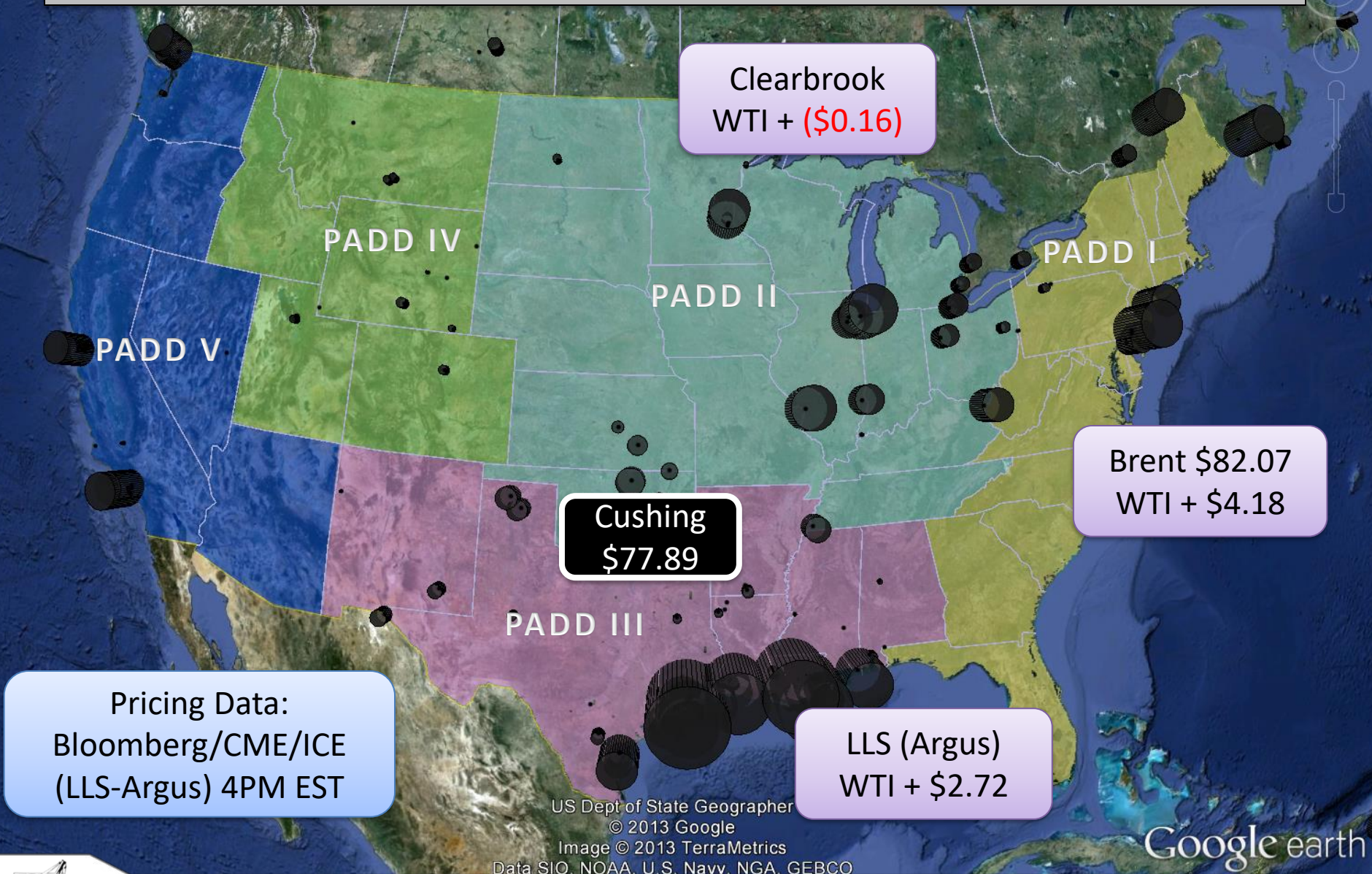
Estimated ND Rail Export Volumes



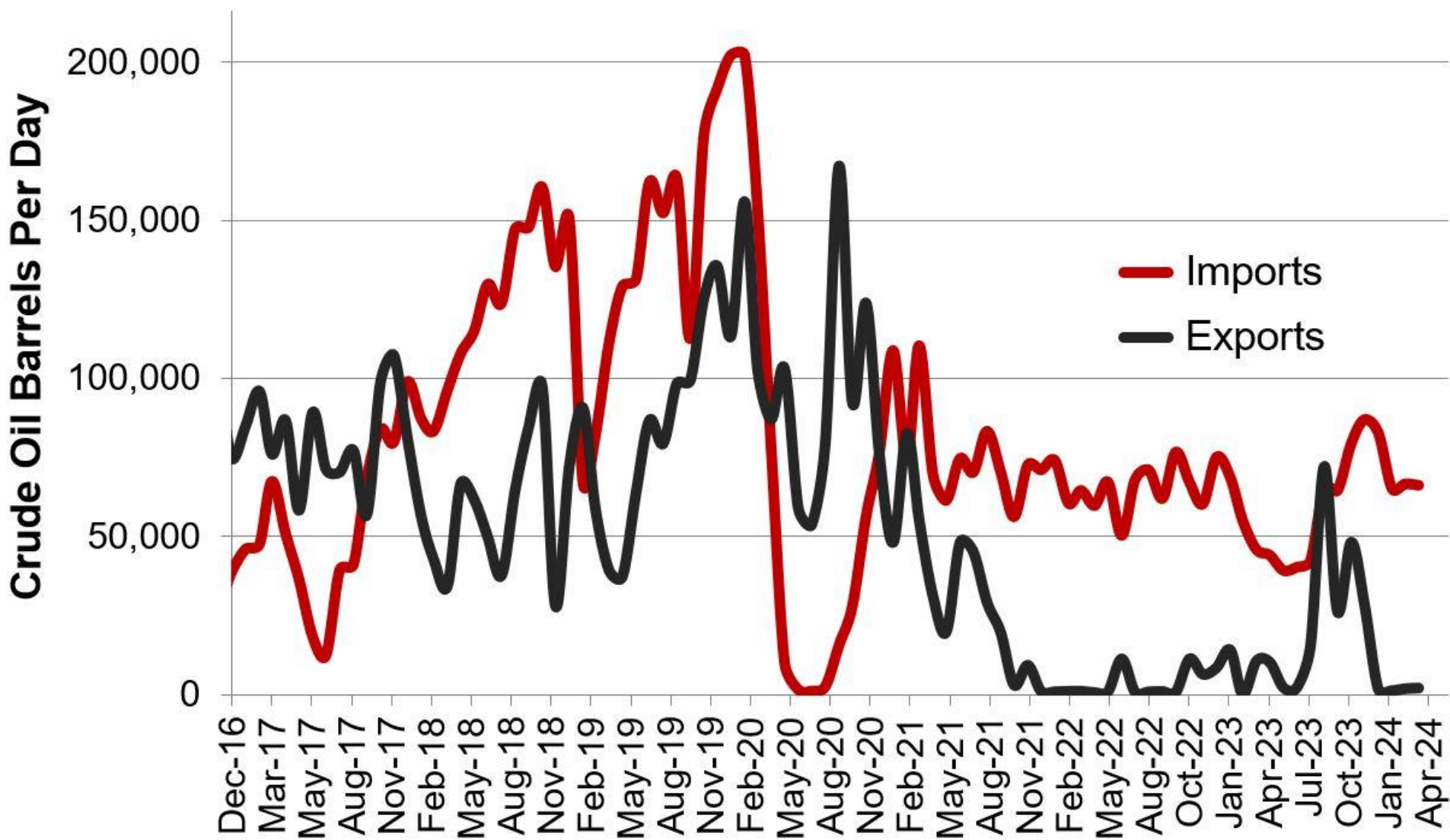
Rail Destinations Market Share (Mar. 2024)



Crude Oil Prices – June 13, 2024



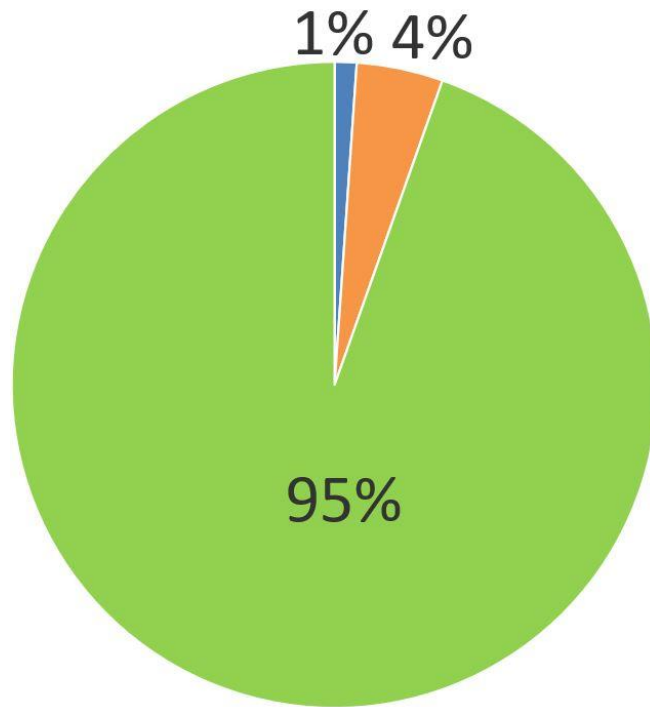
Williston Basin Truck/Rail Imports and Exports with Canada



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.

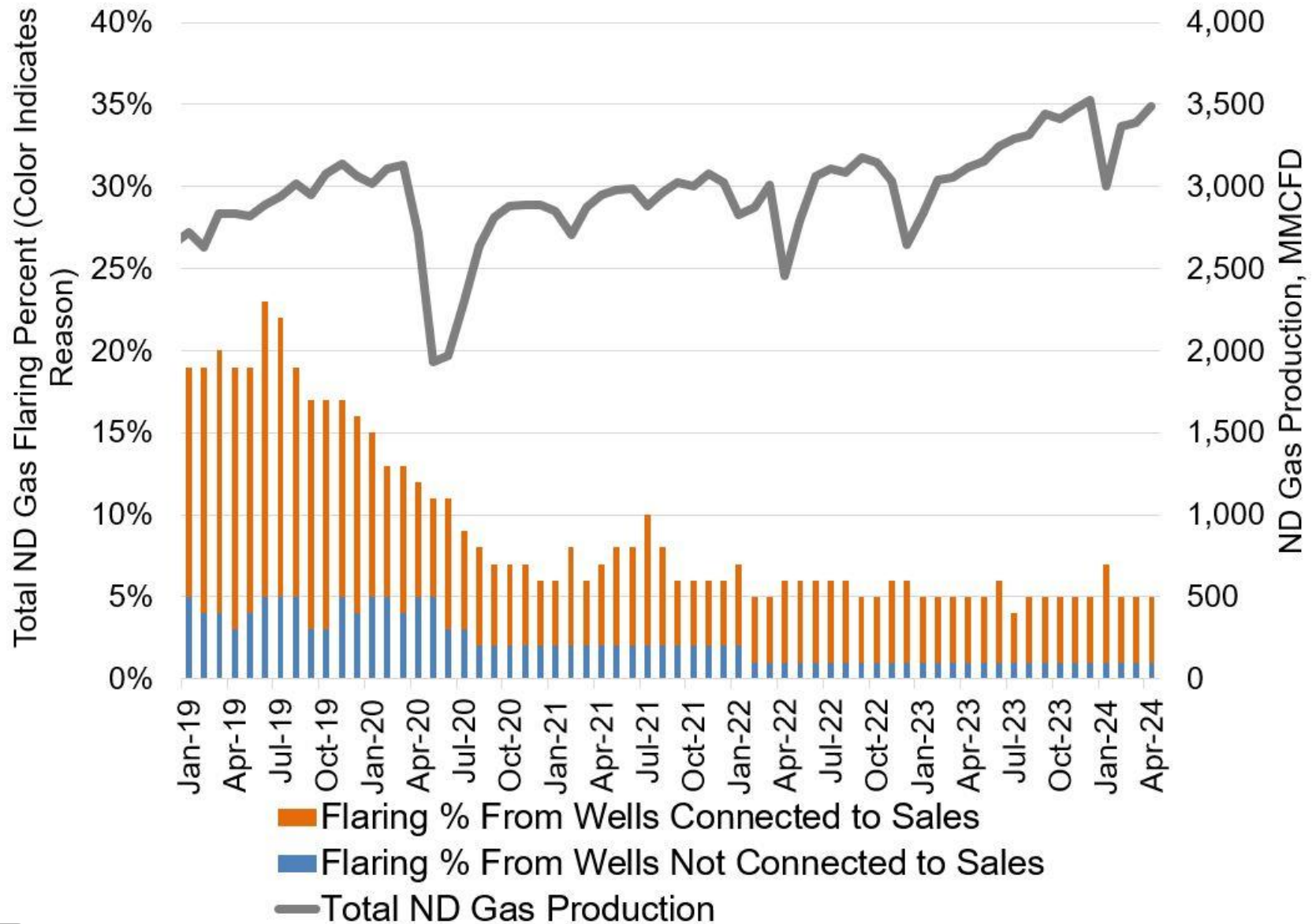
Simple Terms

Blue – Lack of pipelines
Orange – Challenges on existing infrastructure

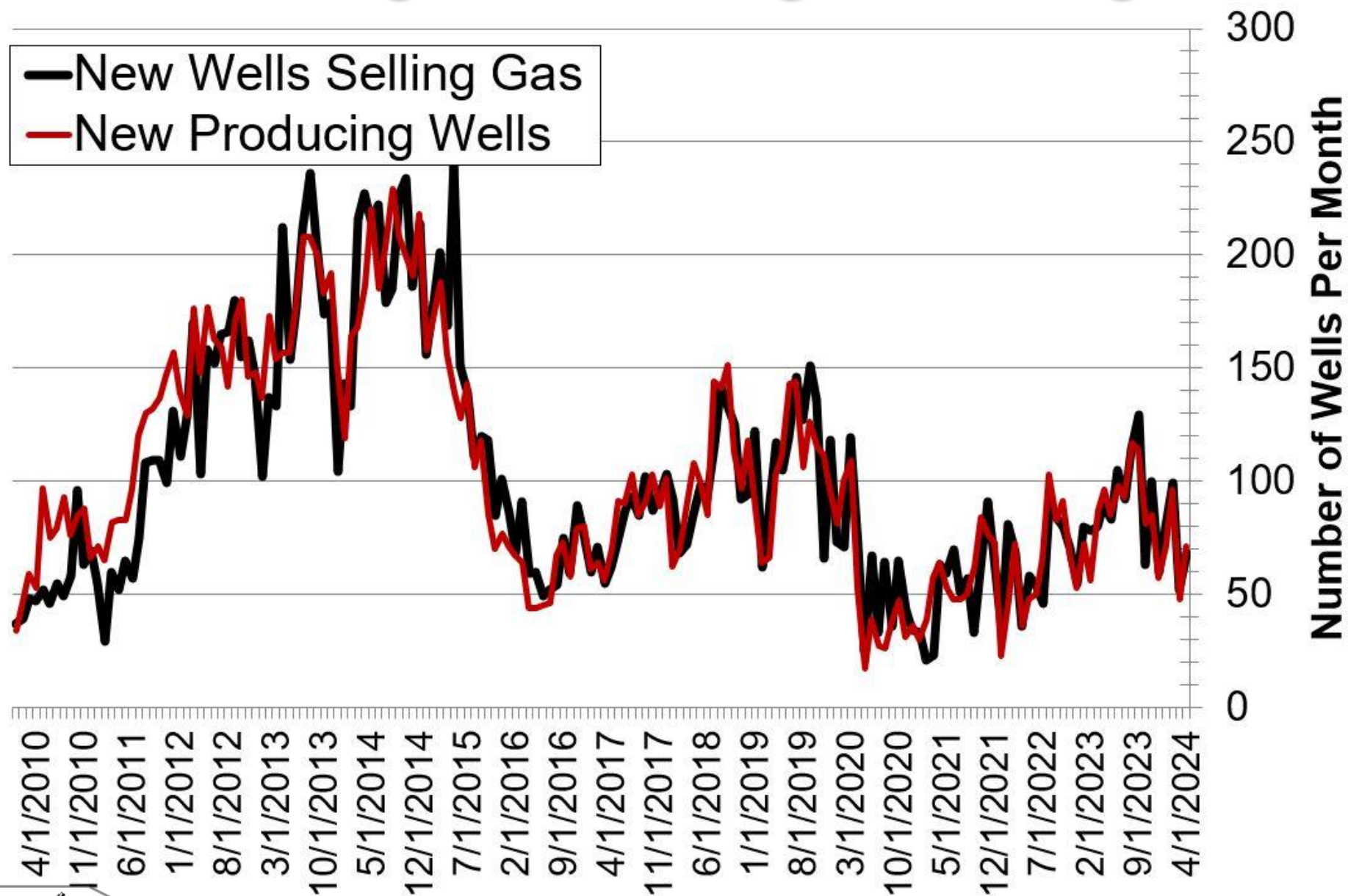
Apr. 2024 Data – Non-Confidential Wells



Solving the Flaring Challenge

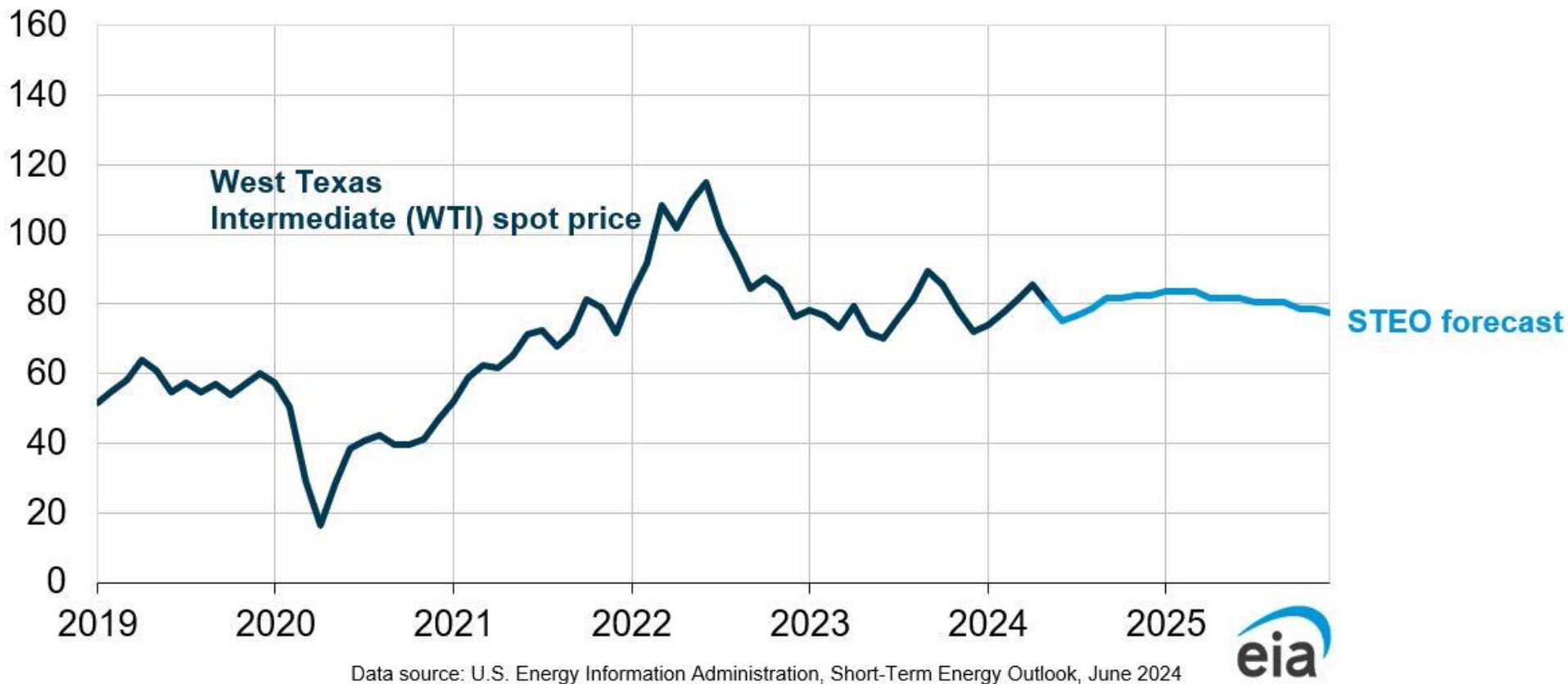


Solving the Flaring Challenge

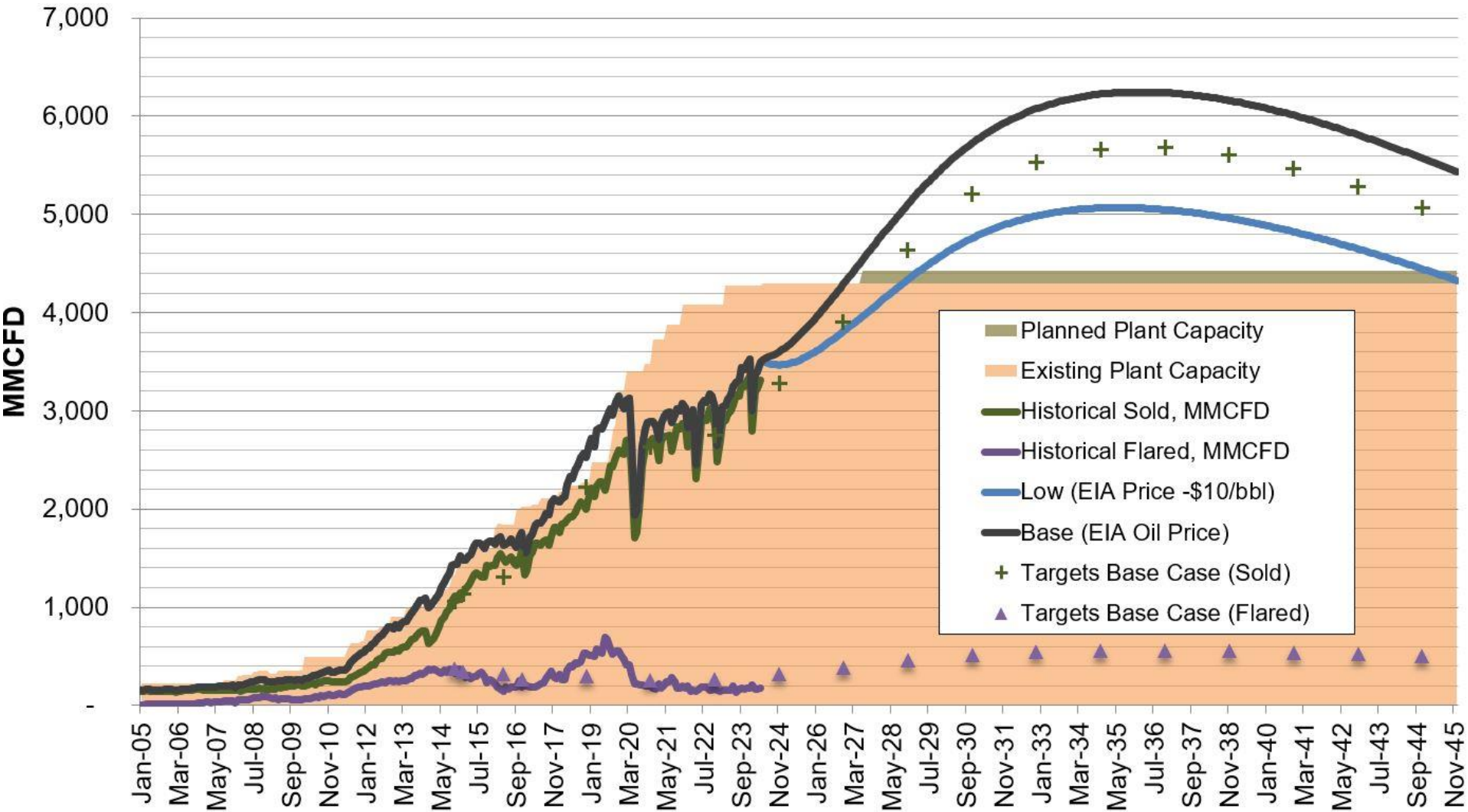


EIA Oil Price Forecast: June 2024

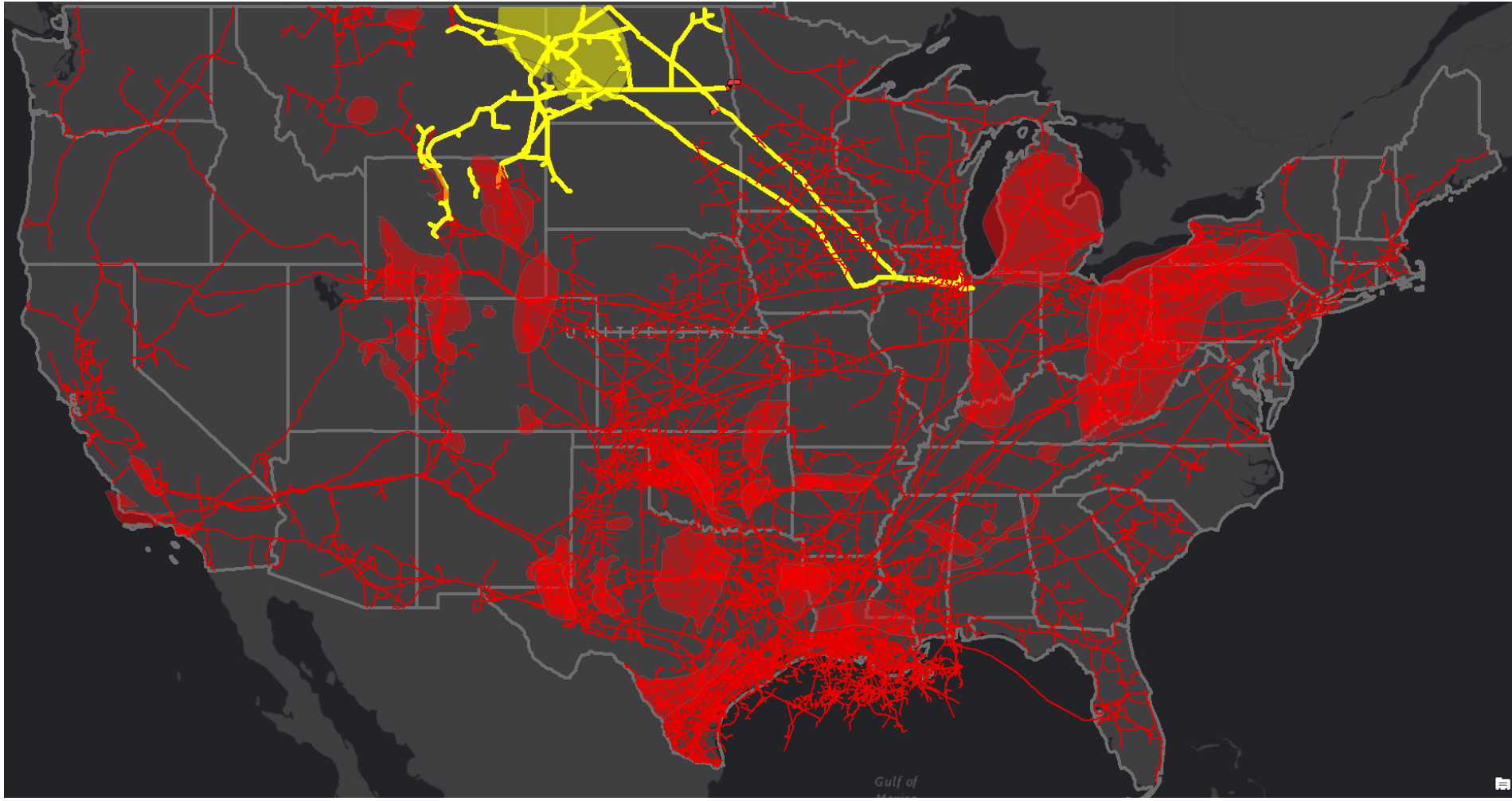
West Texas Intermediate (WTI) crude oil price dollars per barrel



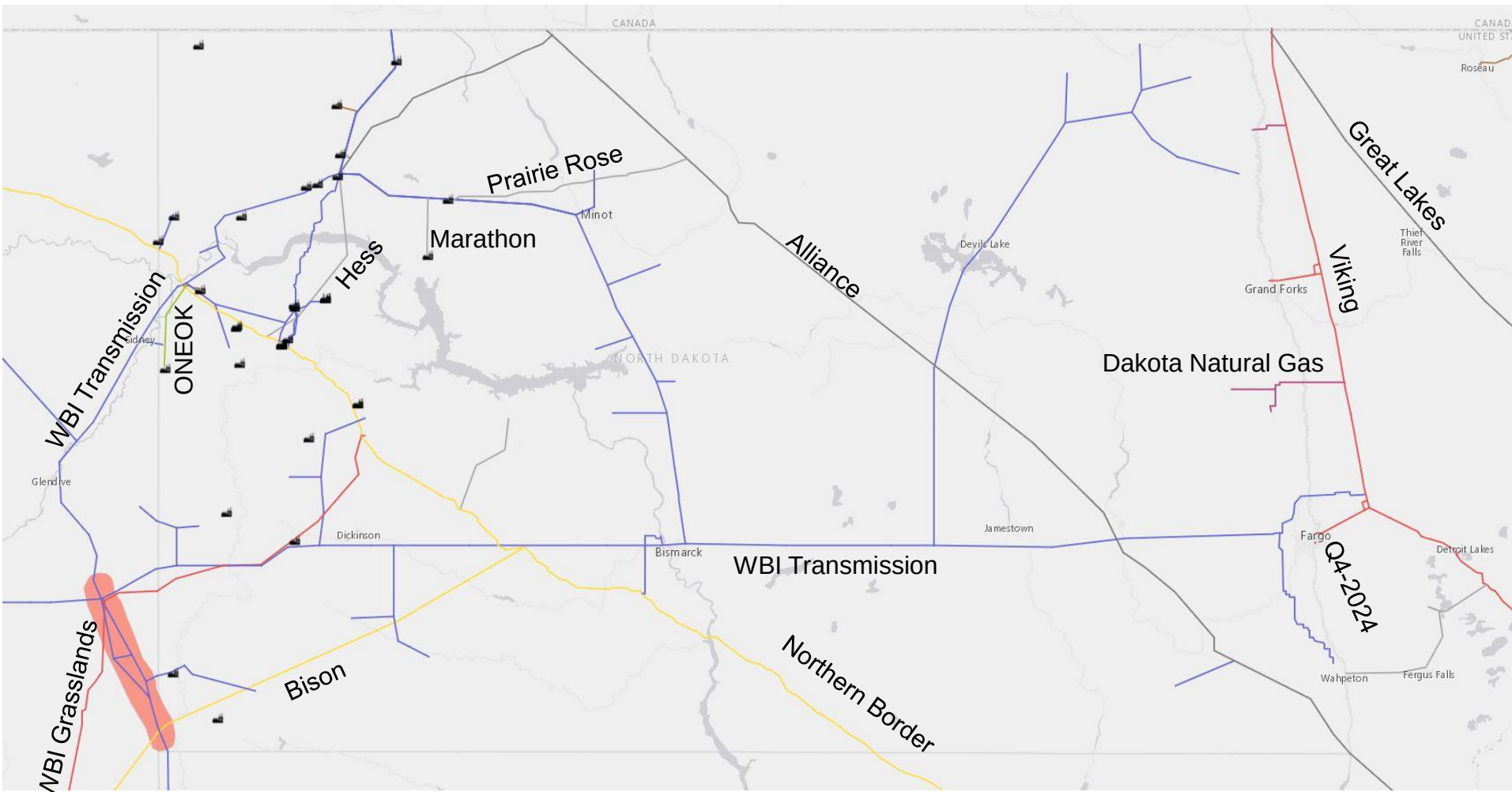
Solving the Flaring Challenge



Bakken Natural Gas Infrastructure



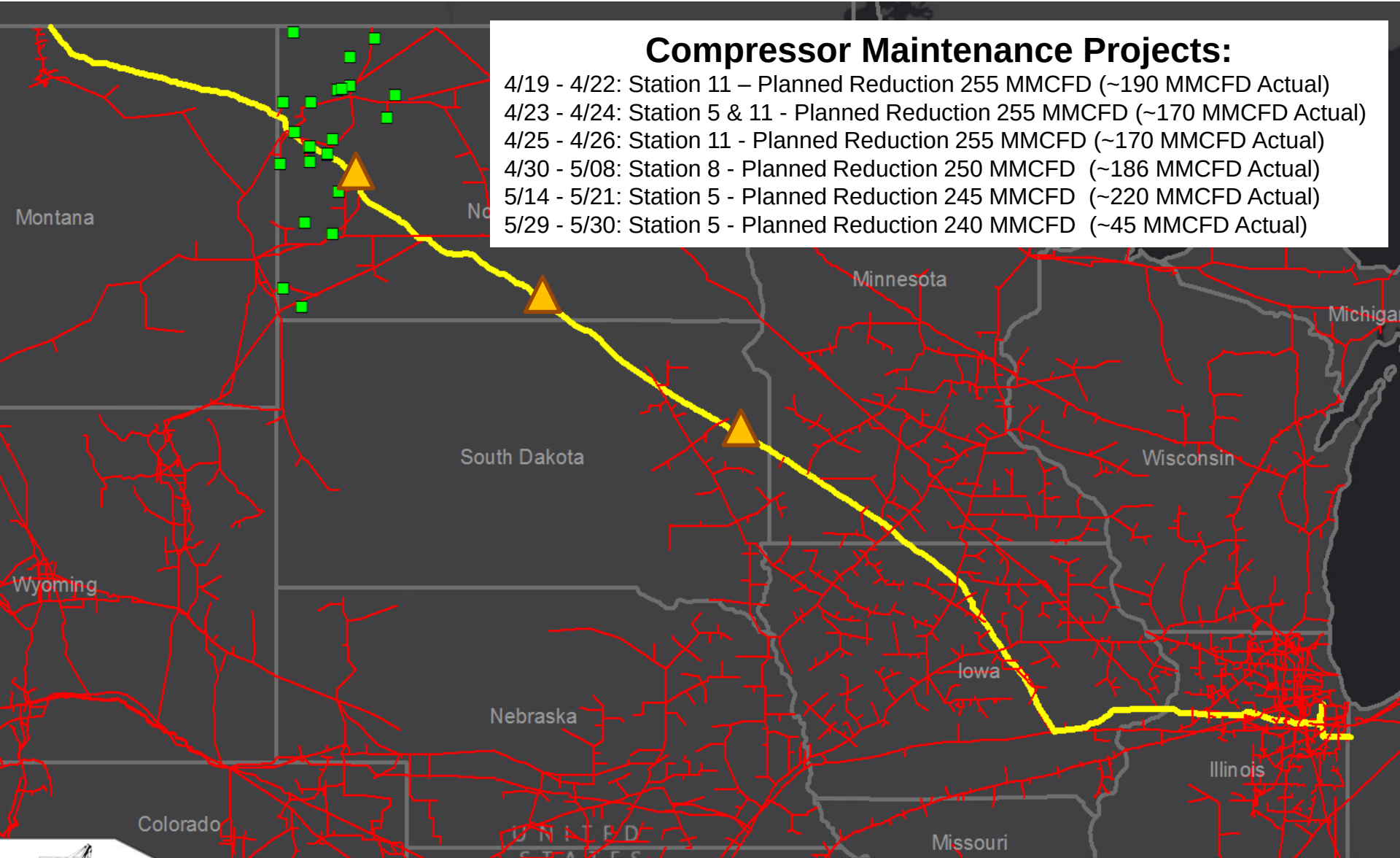
Bakken Natural Gas Infrastructure



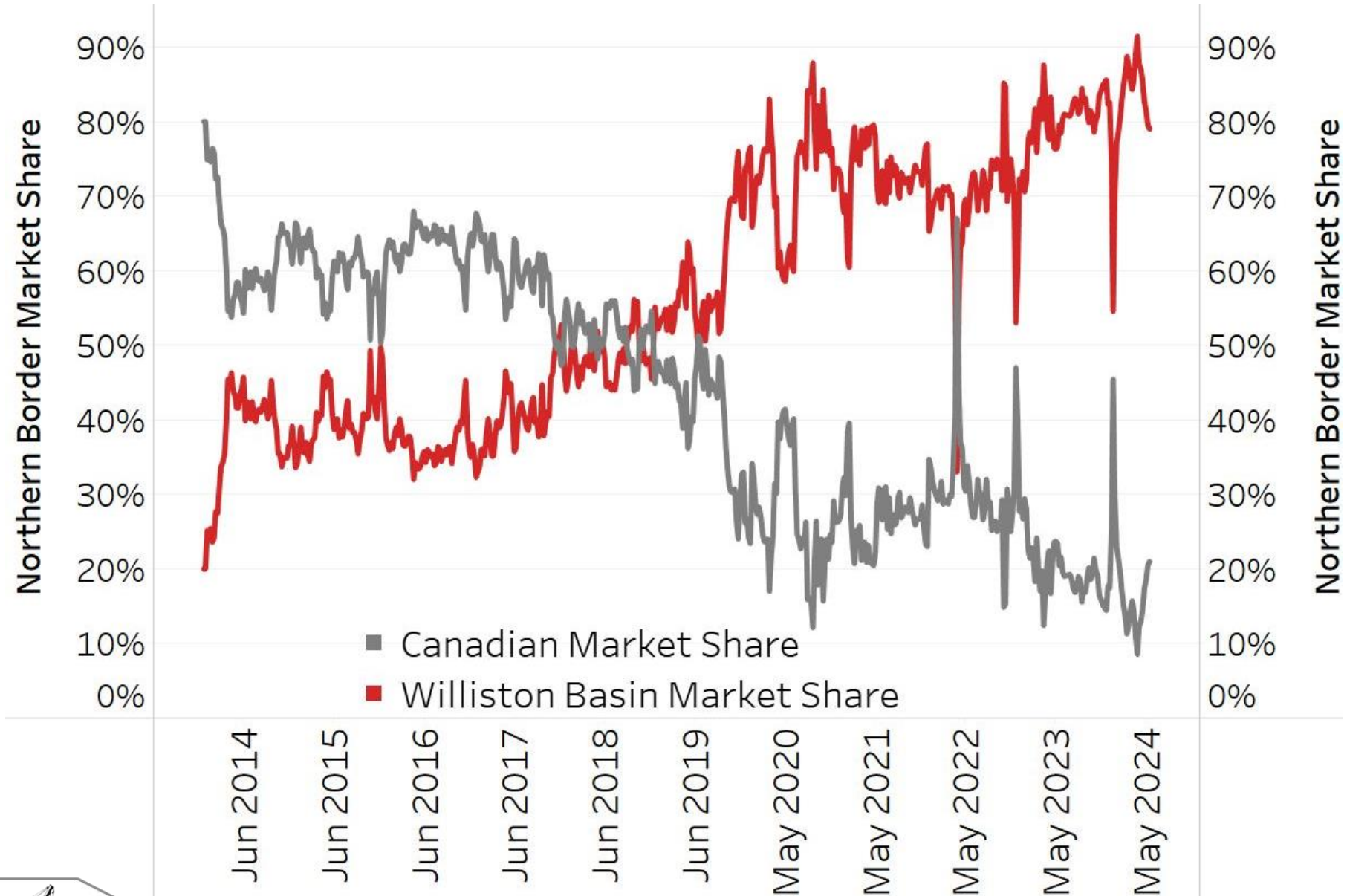
Northern Border Maintenance

Compressor Maintenance Projects:

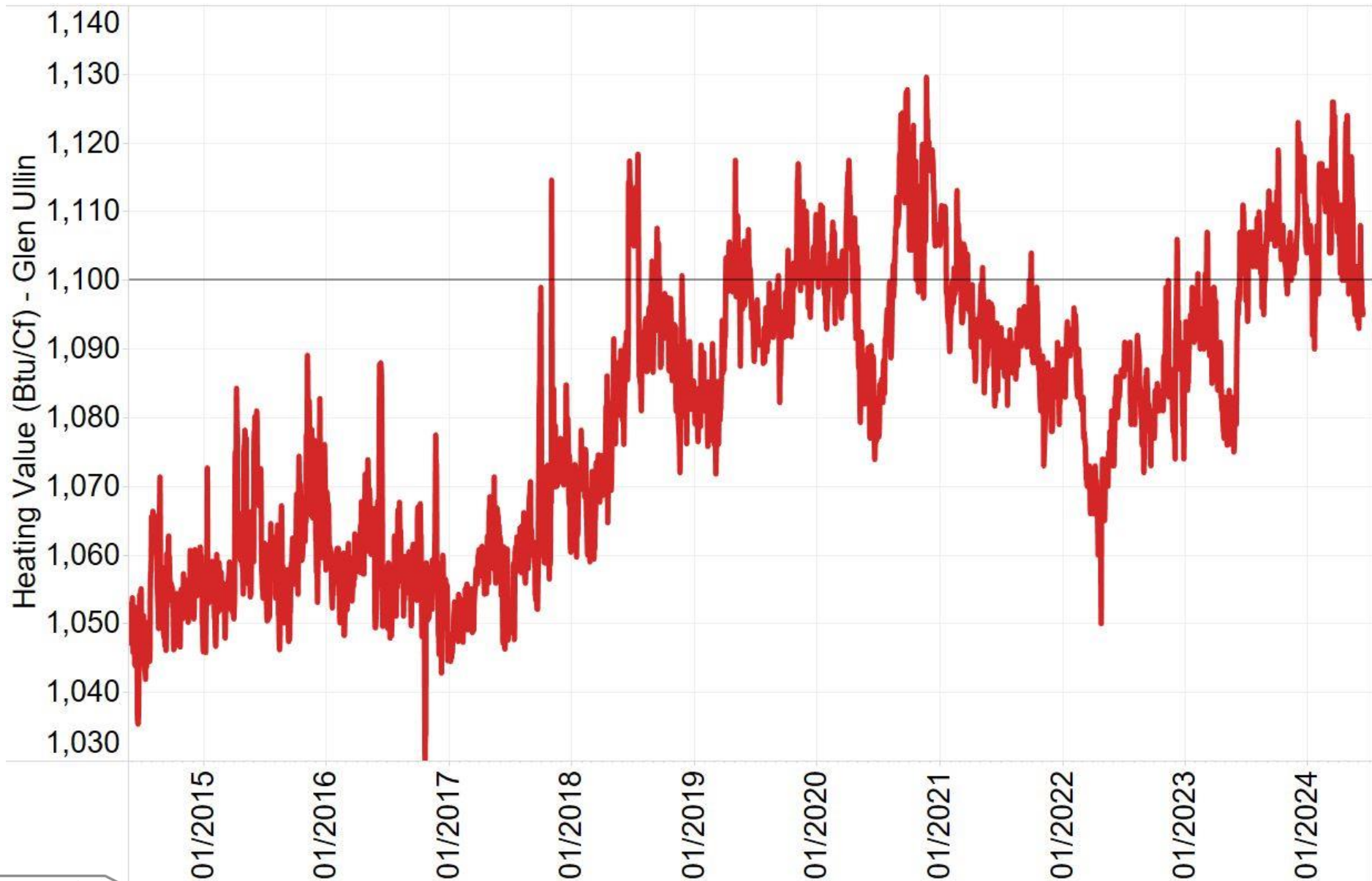
4/19 - 4/22: Station 11 – Planned Reduction 255 MMCFD (~190 MMCFD Actual)
4/23 - 4/24: Station 5 & 11 - Planned Reduction 255 MMCFD (~170 MMCFD Actual)
4/25 - 4/26: Station 11 - Planned Reduction 255 MMCFD (~170 MMCFD Actual)
4/30 - 5/08: Station 8 - Planned Reduction 250 MMCFD (~186 MMCFD Actual)
5/14 - 5/21: Station 5 - Planned Reduction 245 MMCFD (~220 MMCFD Actual)
5/29 - 5/30: Station 5 - Planned Reduction 240 MMCFD (~45 MMCFD Actual)



Northern Border Pipeline Market Share



Northern Border BTU at Glen Ullin, ND



Wahpeton Expansion Project Construction Starting



Targeted In-Service
Q4-2024



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