



January 2022 Monthly Update North Dakota Pipeline Authority

Justin J. Kringstad
January 14, 2022

US Williston Basin Oil Production - 2021

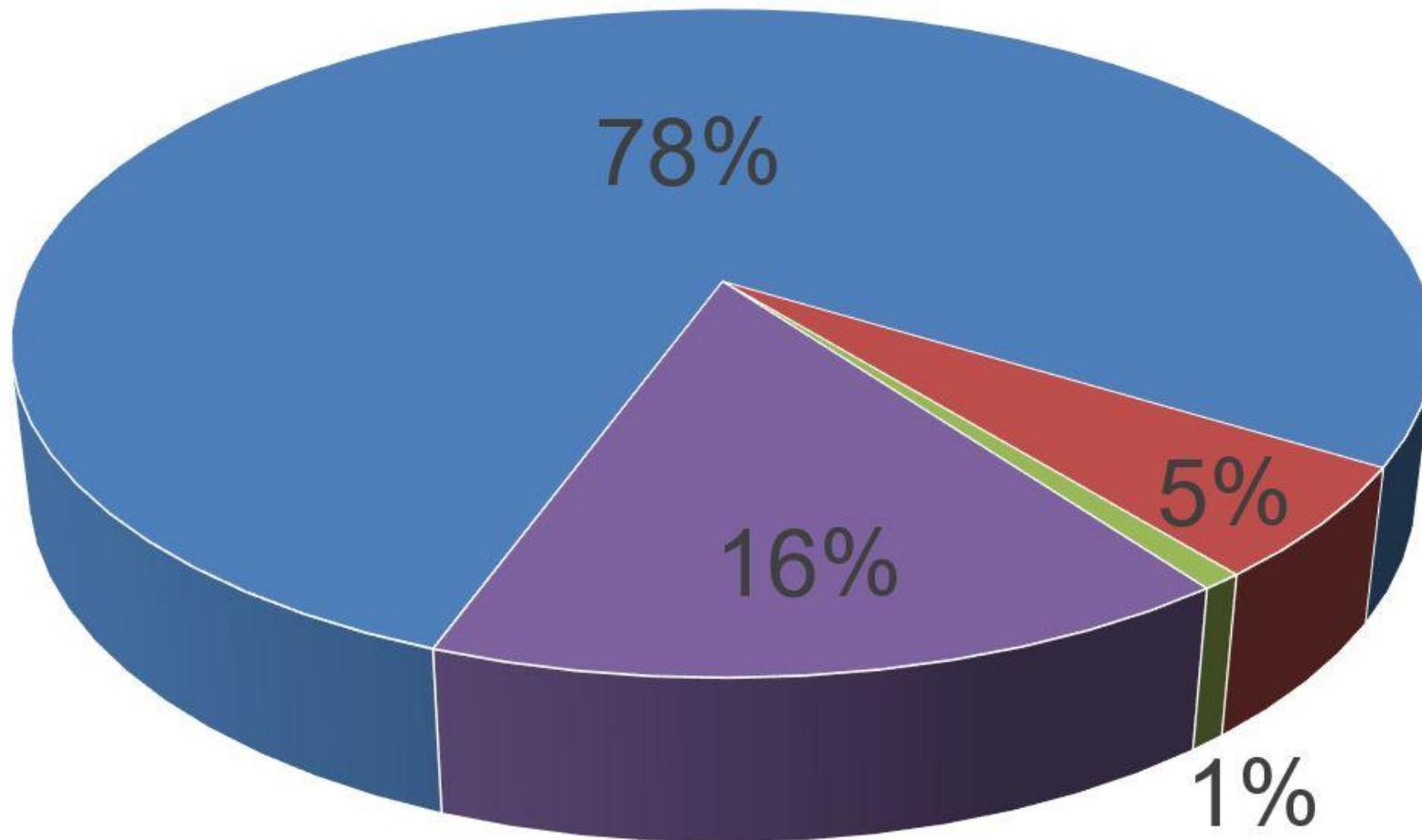
MONTH	ND	Eastern MT*	SD	TOTAL
January	1,147,718	50,417	2,874	1,201,009
February	1,083,819	48,251	2,828	1,134,898
March	1,108,984	49,525	2,744	1,161,254
April	1,121,754	48,439	2,644	1,172,837
May	1,129,777	46,905	2,640	1,179,322
June	1,134,756	43,767	3,103	1,181,626
July	1,078,877	43,413	2,884	1,125,174
August	1,108,131	46,879	2,892	1,157,902
September	1,114,020	49,585	2,847	1,166,452
October	1,110,910	48,179	2,853	1,161,942
November	1,159,718			
December				



North Dakota Monthly Production Change



Estimated Williston Basin Oil Transportation



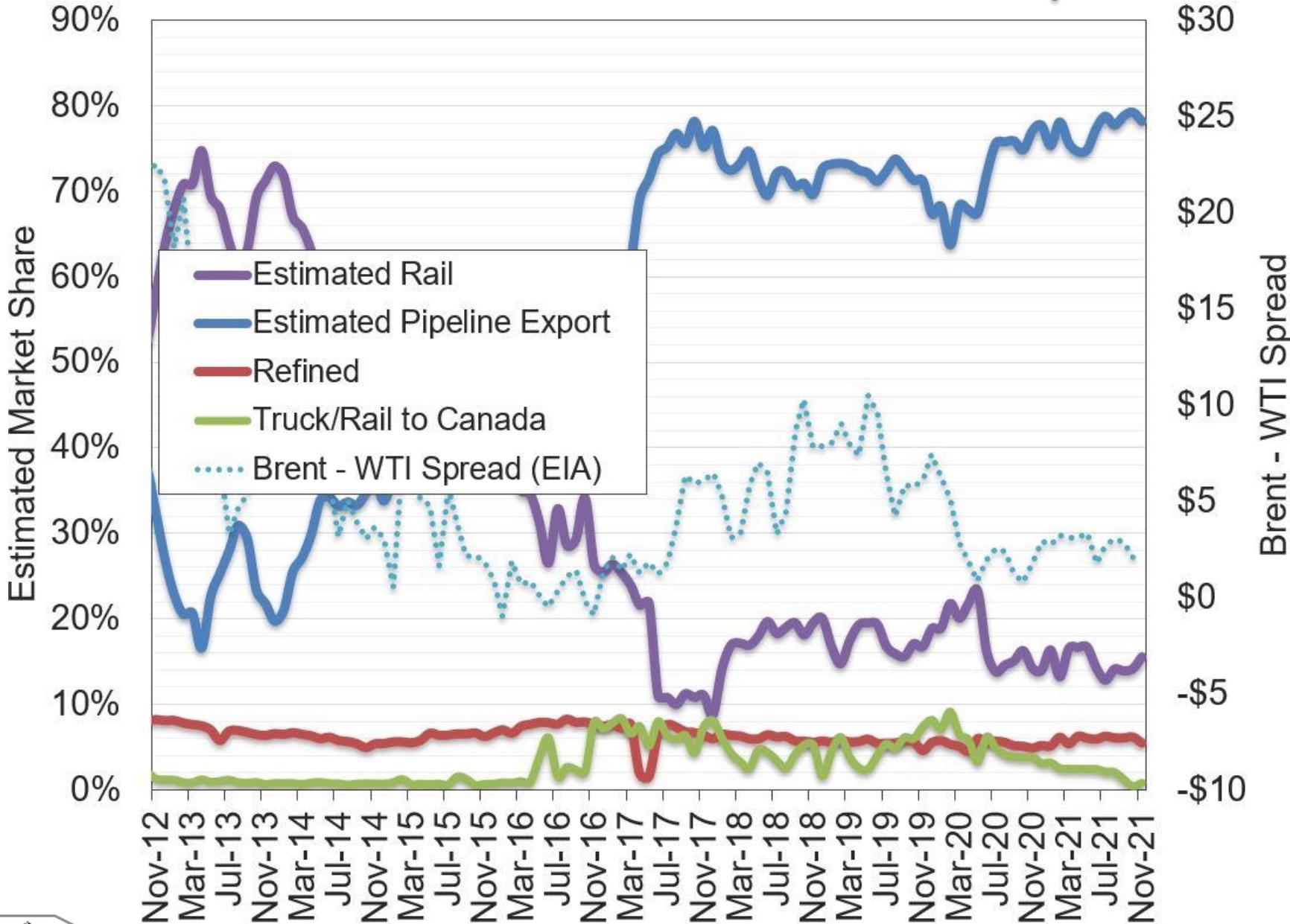
- Pipeline Export
- Truck/Rail to Canada

- Refined
- Estimated Rail

November 2021



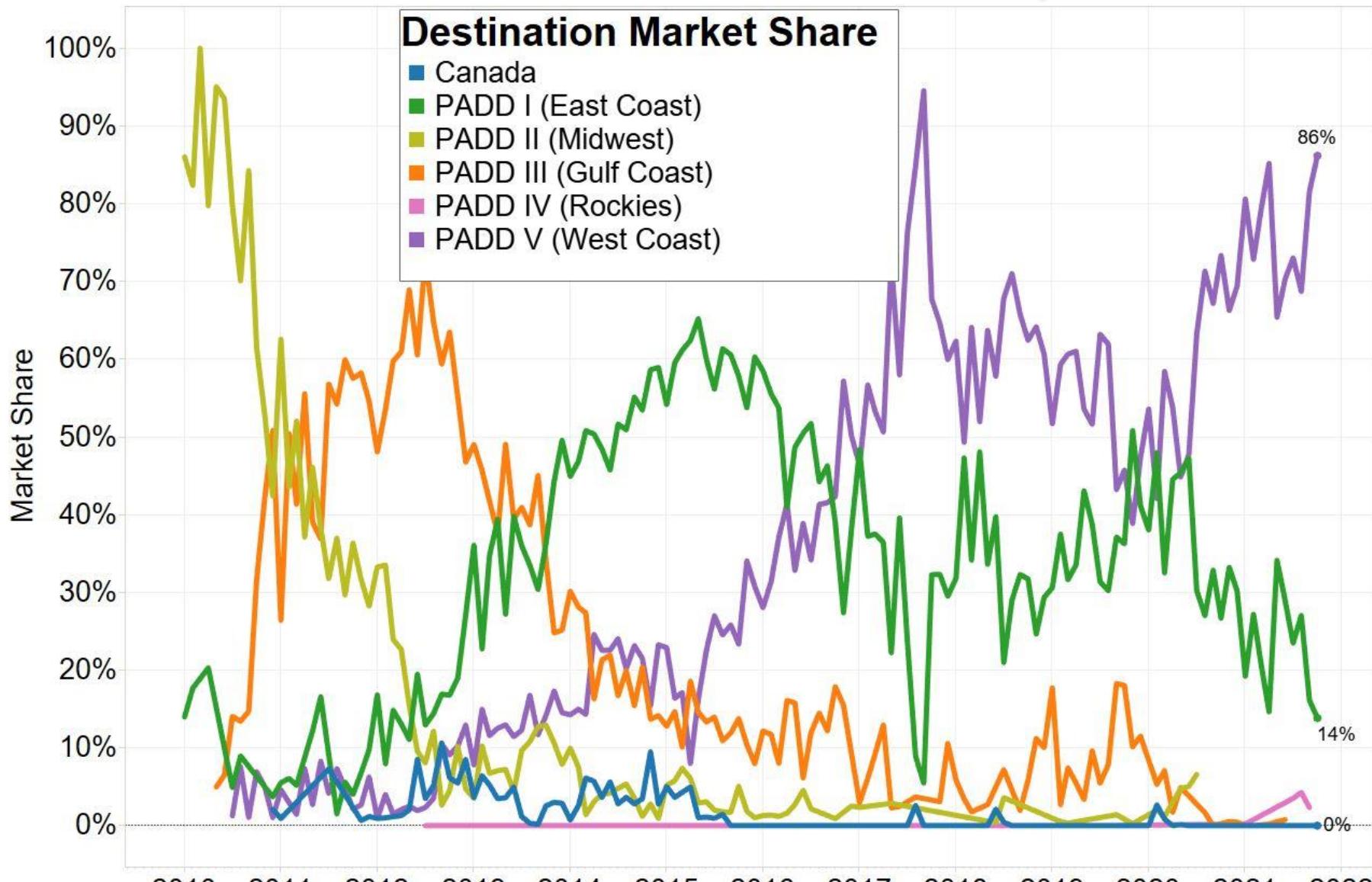
Estimated Williston Basin Oil Transportation



Estimated ND Rail Export Volumes



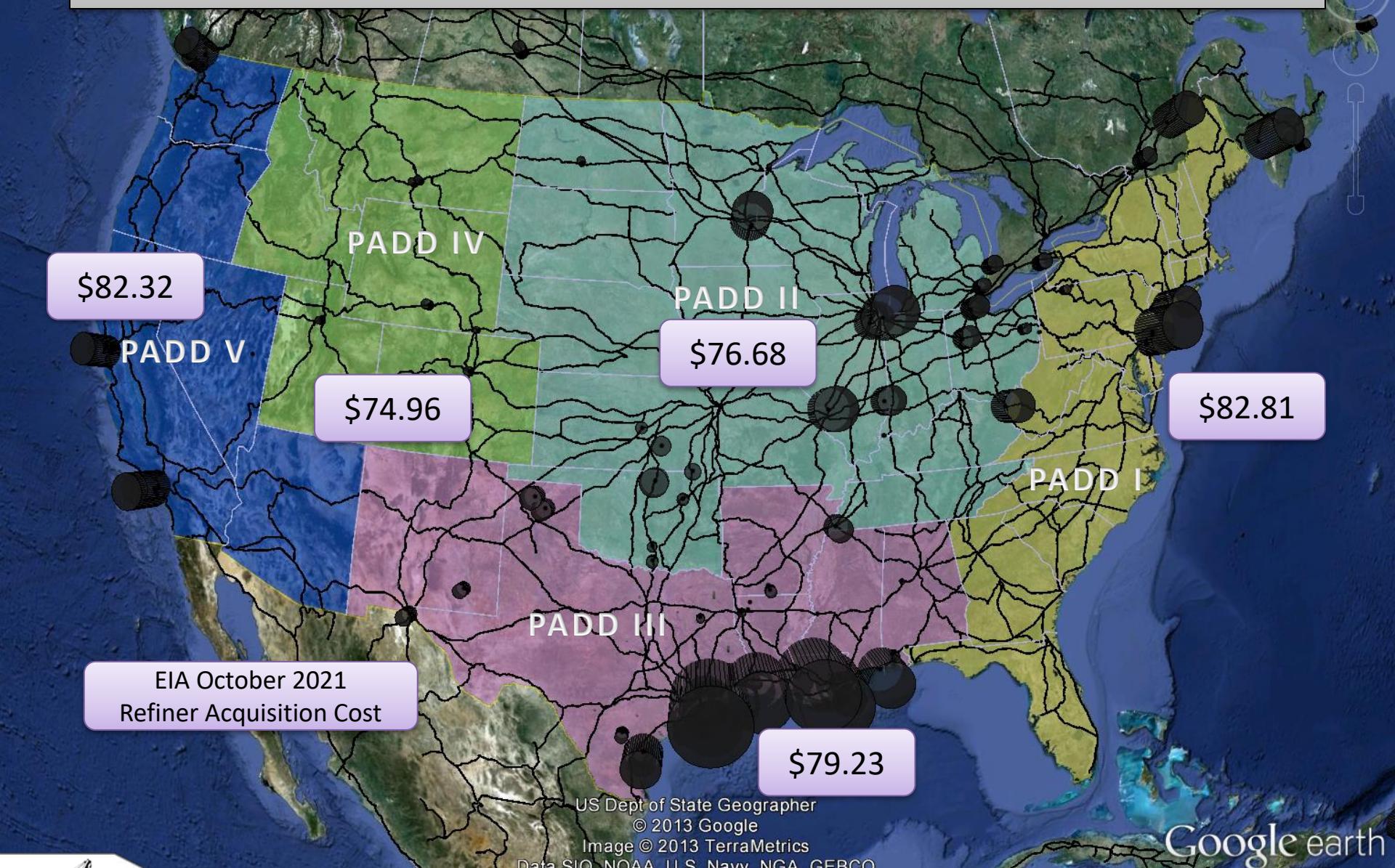
Rail Destinations Market Share (Oct. 2021)



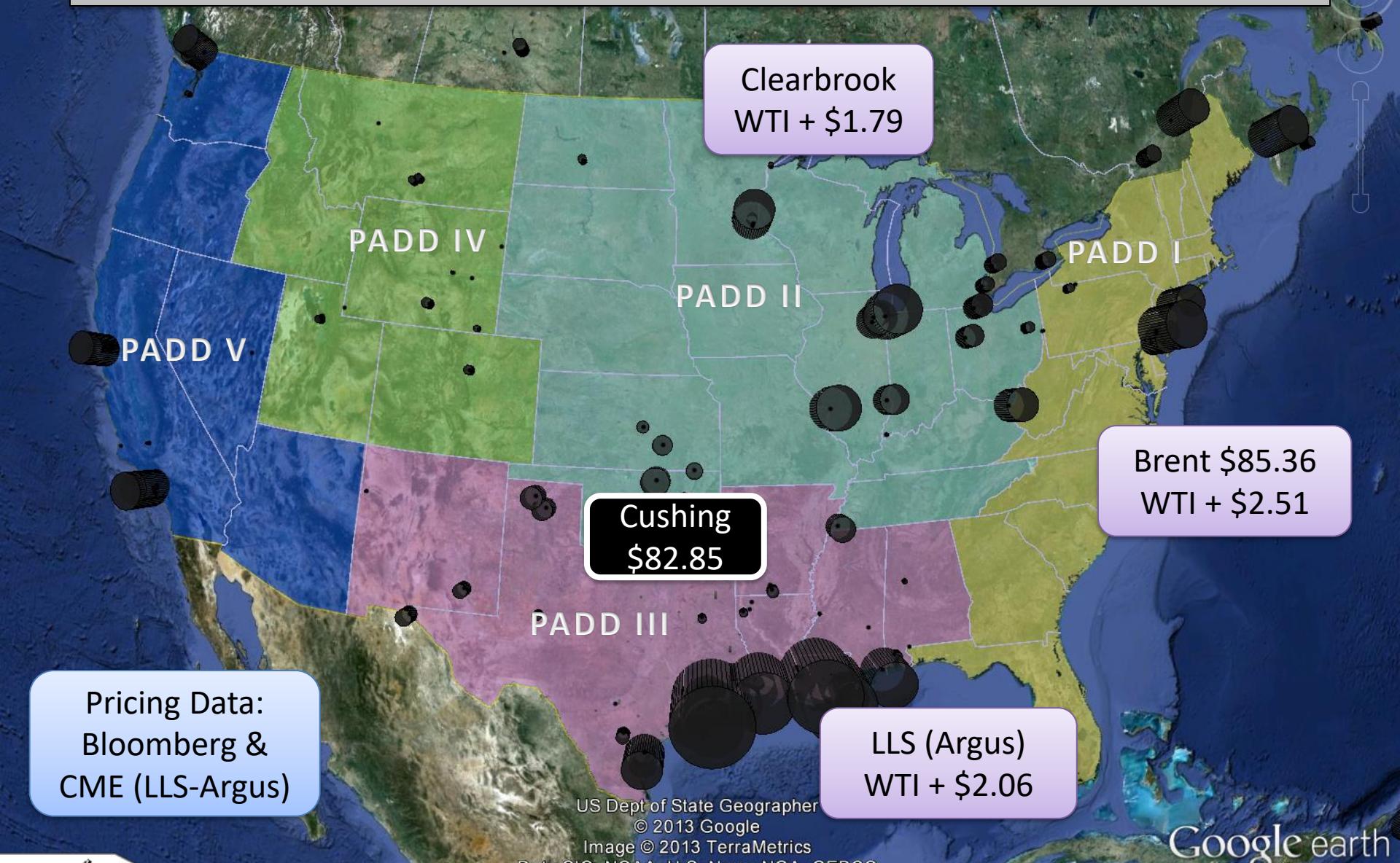
Data for Rail Destination Market Share Provided by the US Energy Information Administration



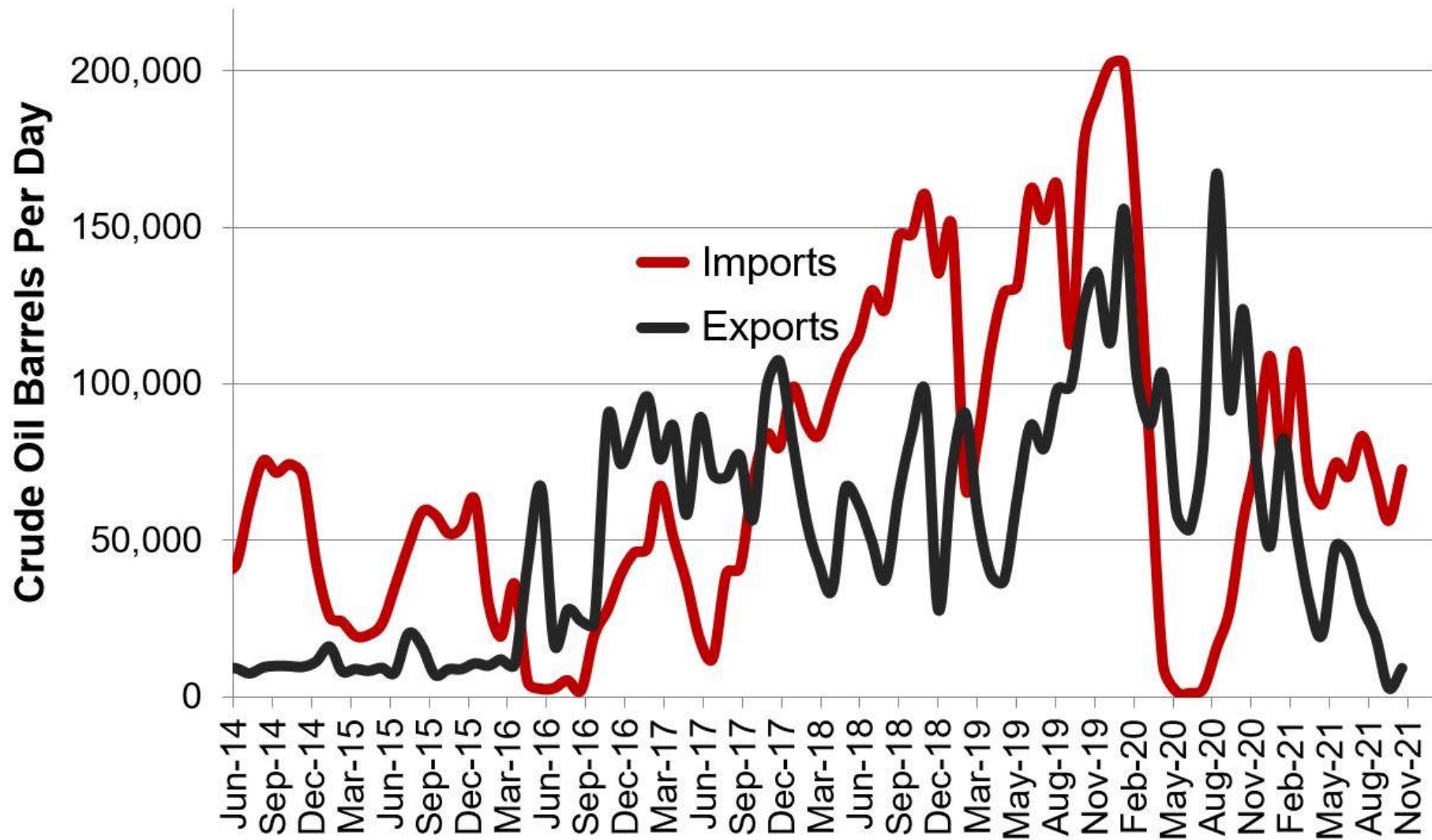
Major Rail Lines and Refineries



Crude Oil Prices – Jan. 14, 2022



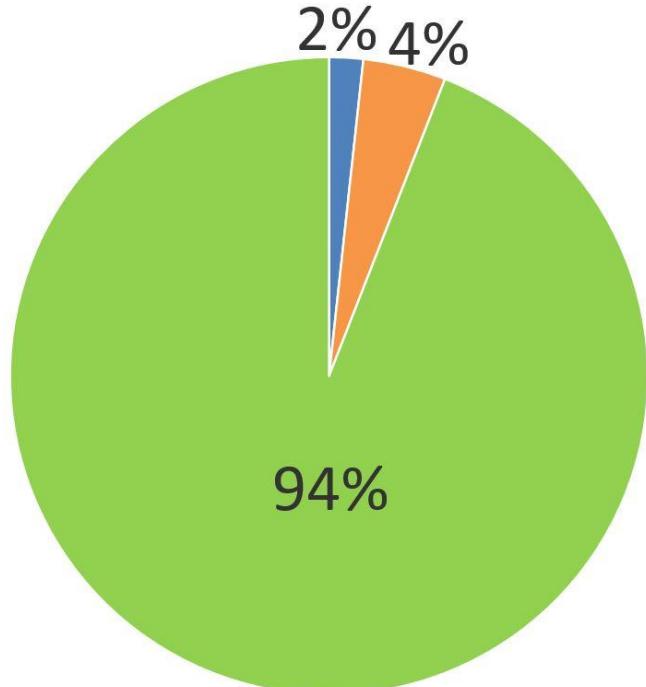
Williston Basin Truck/Rail Imports and Exports with Canada



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.

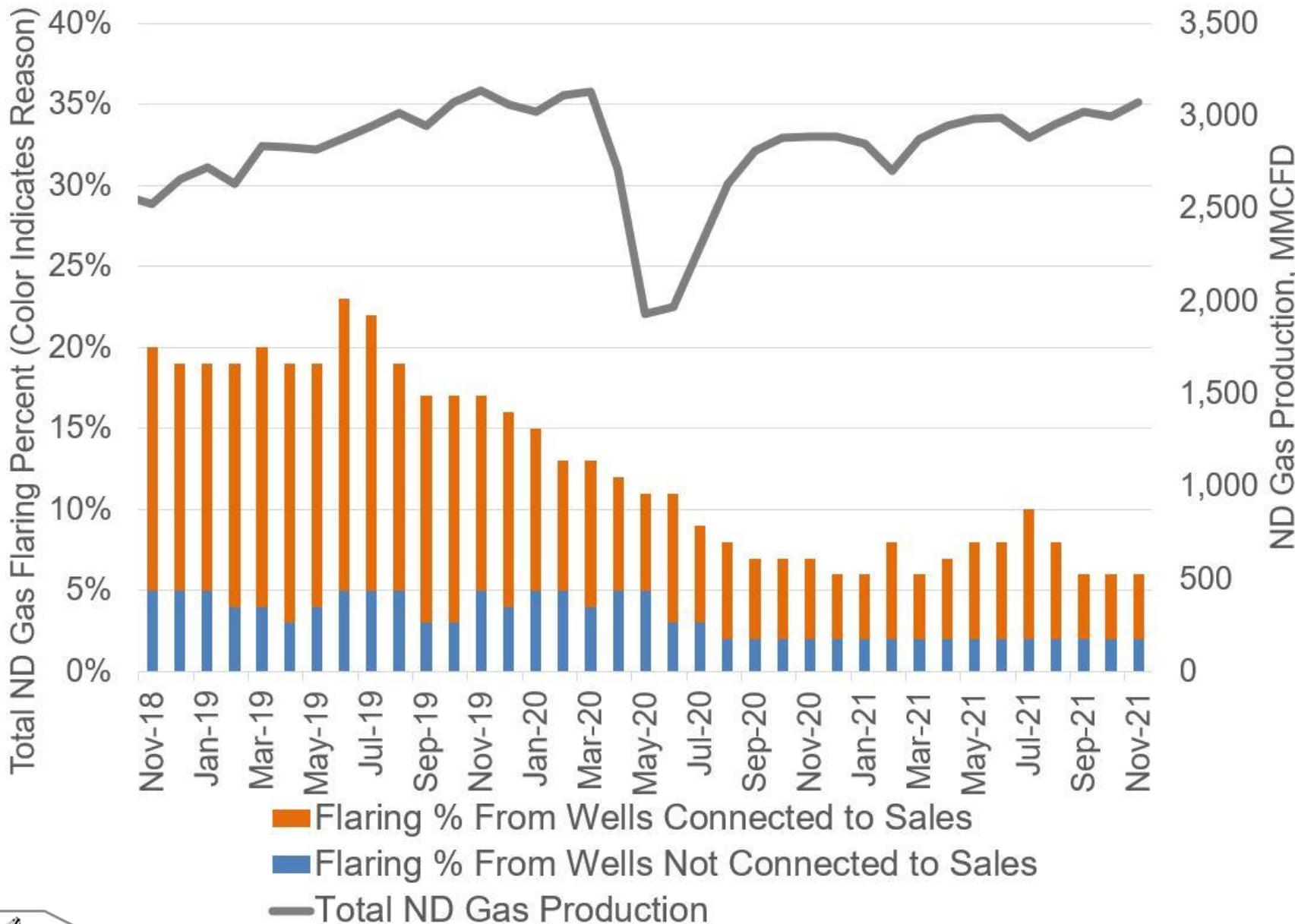
Simple Terms

Blue – Lack of pipelines
Orange – Challenges on existing infrastructure

Nov. 2021 Data – Non-Confidential Wells

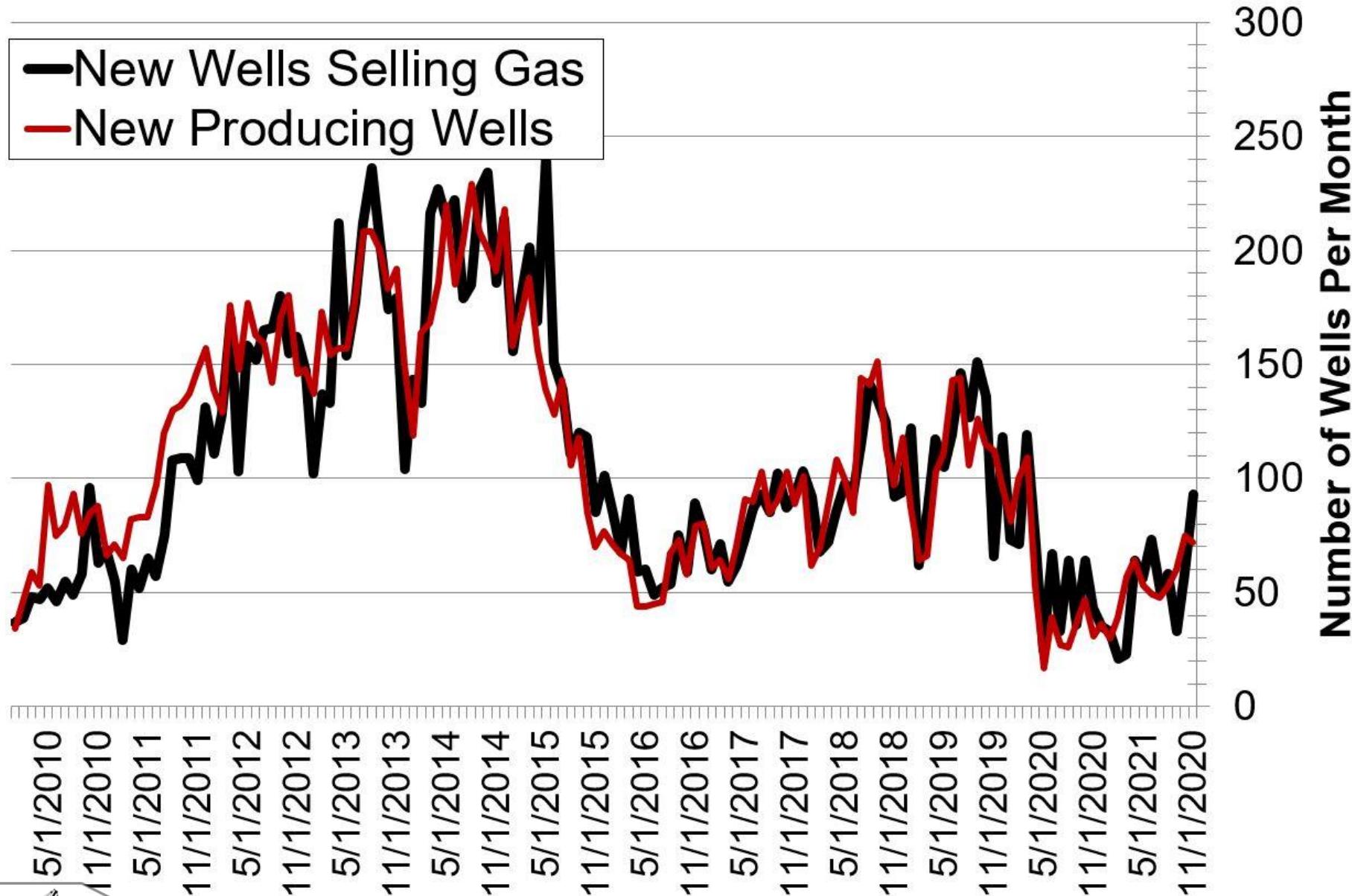


Solving the Flaring Challenge

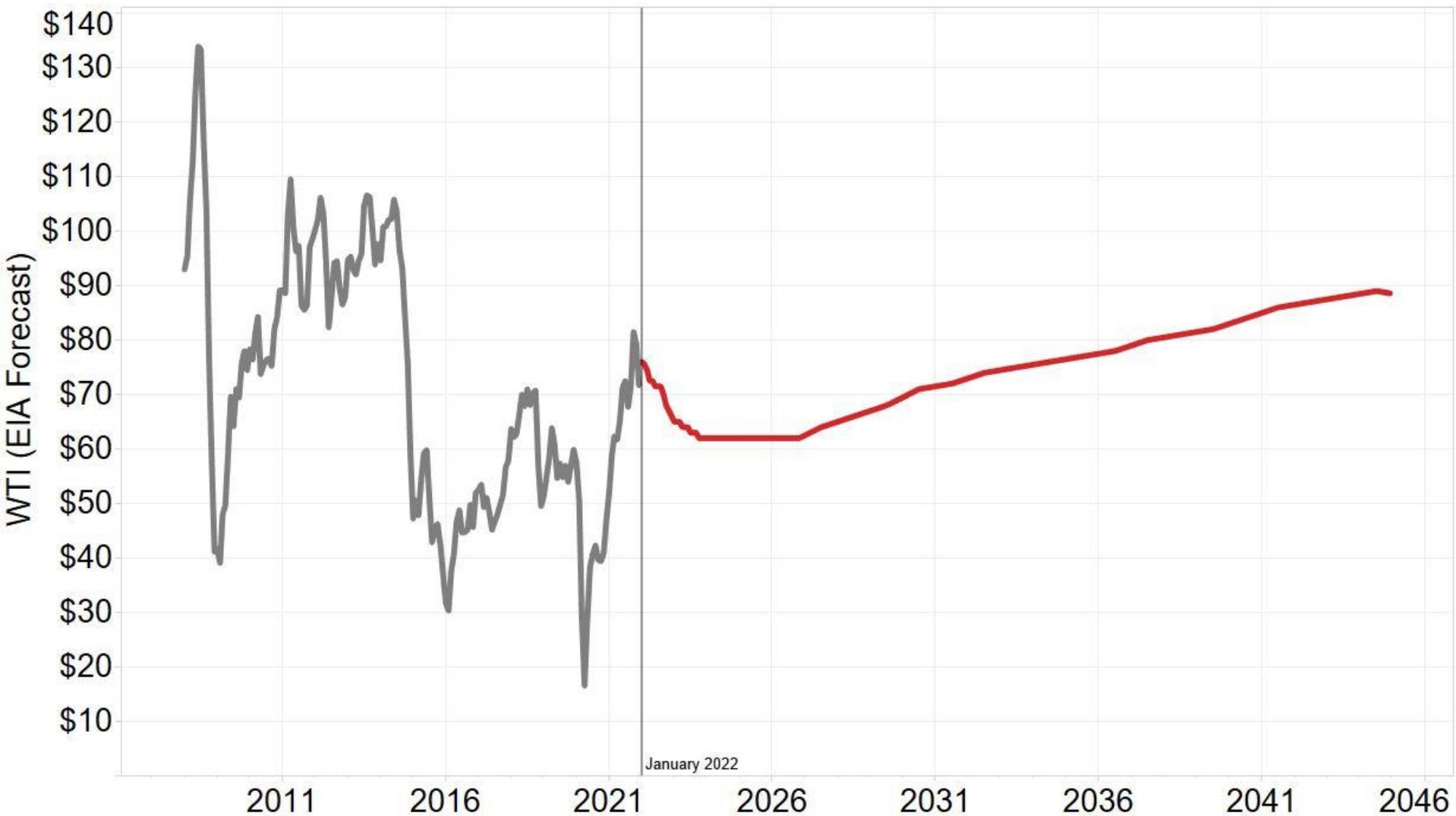


Solving the Flaring Challenge

- New Wells Selling Gas
- New Producing Wells



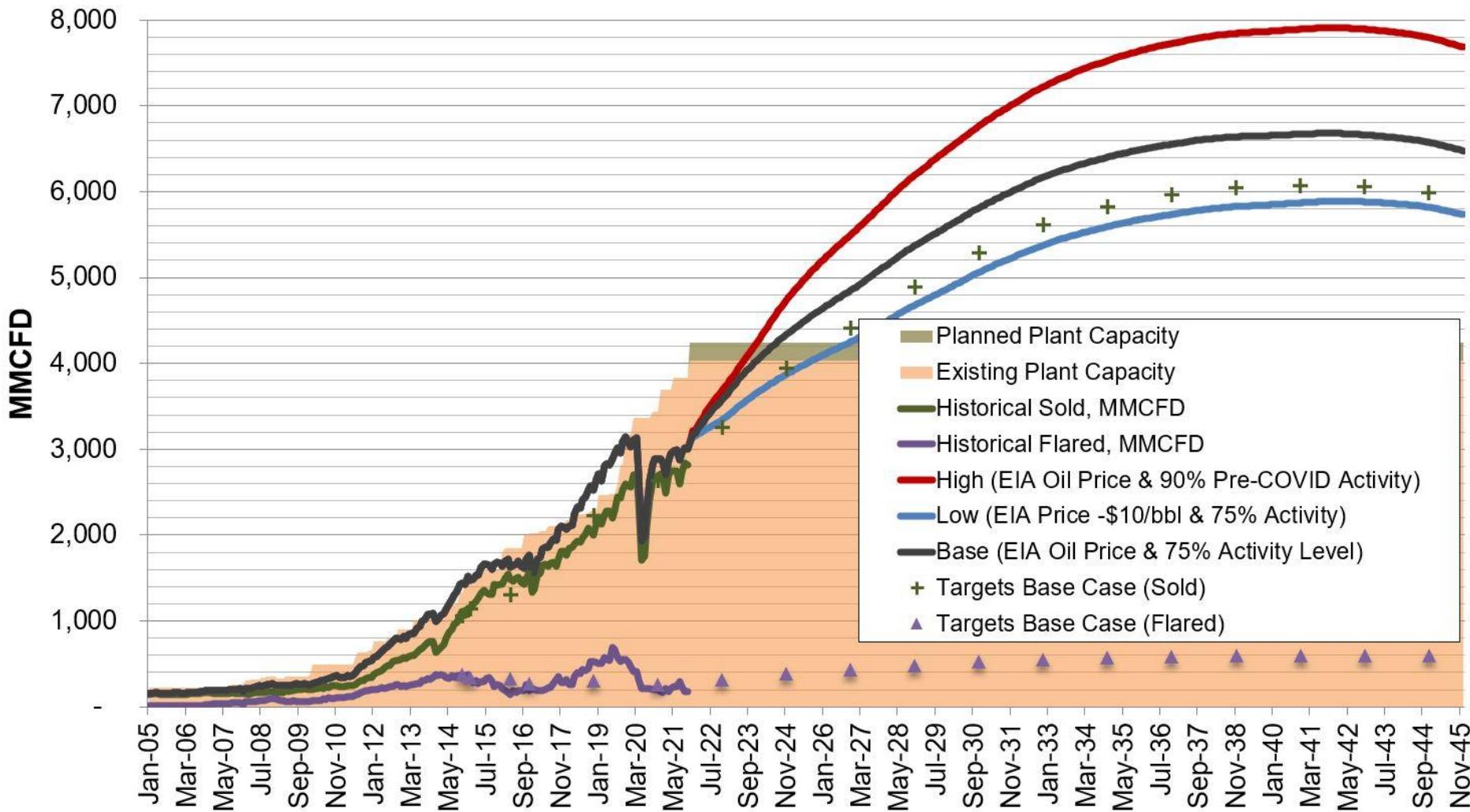
EIA Oil Price Forecast*



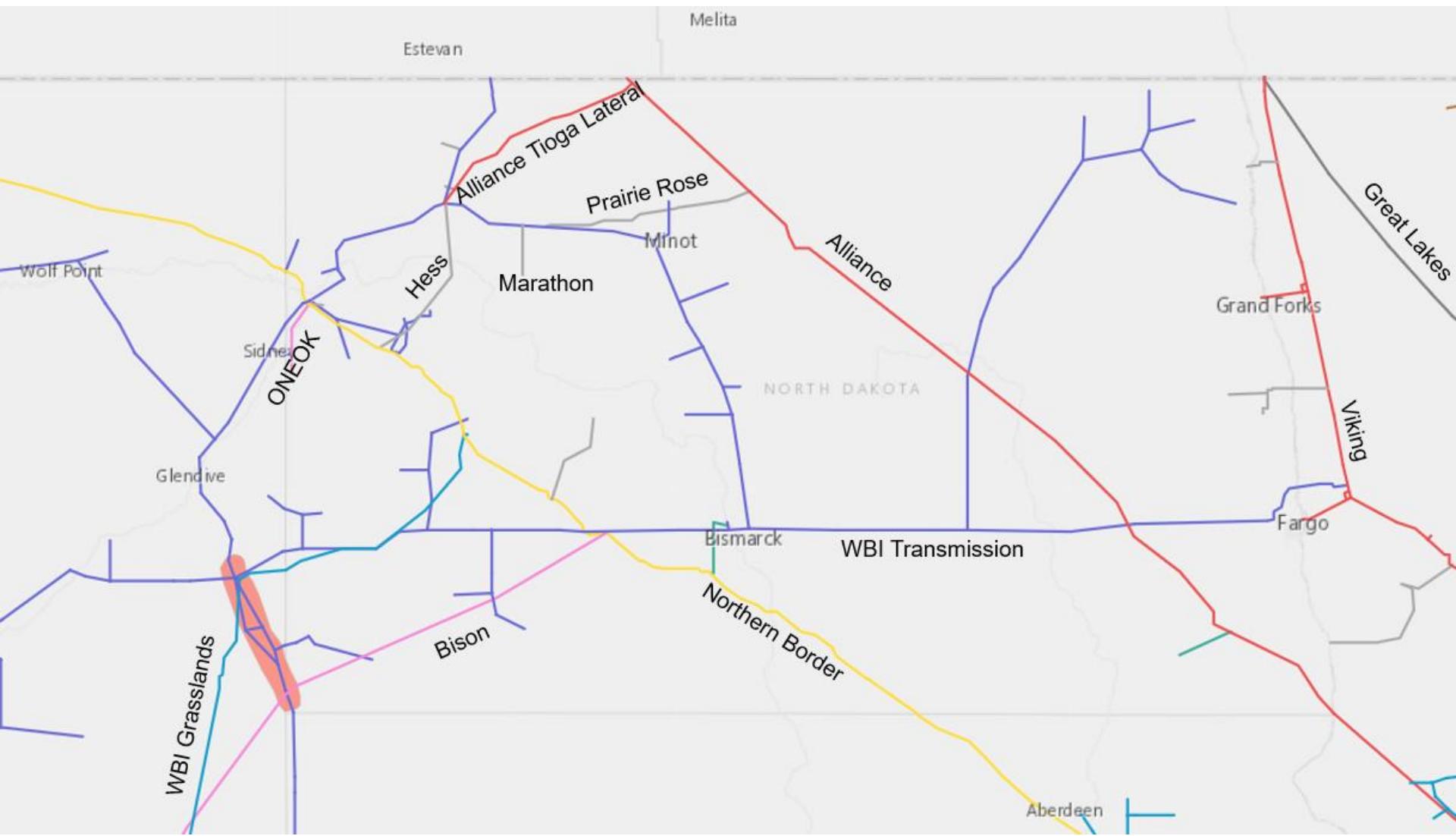
*EIA January 2022 SEO and February 2021 AEO Blend



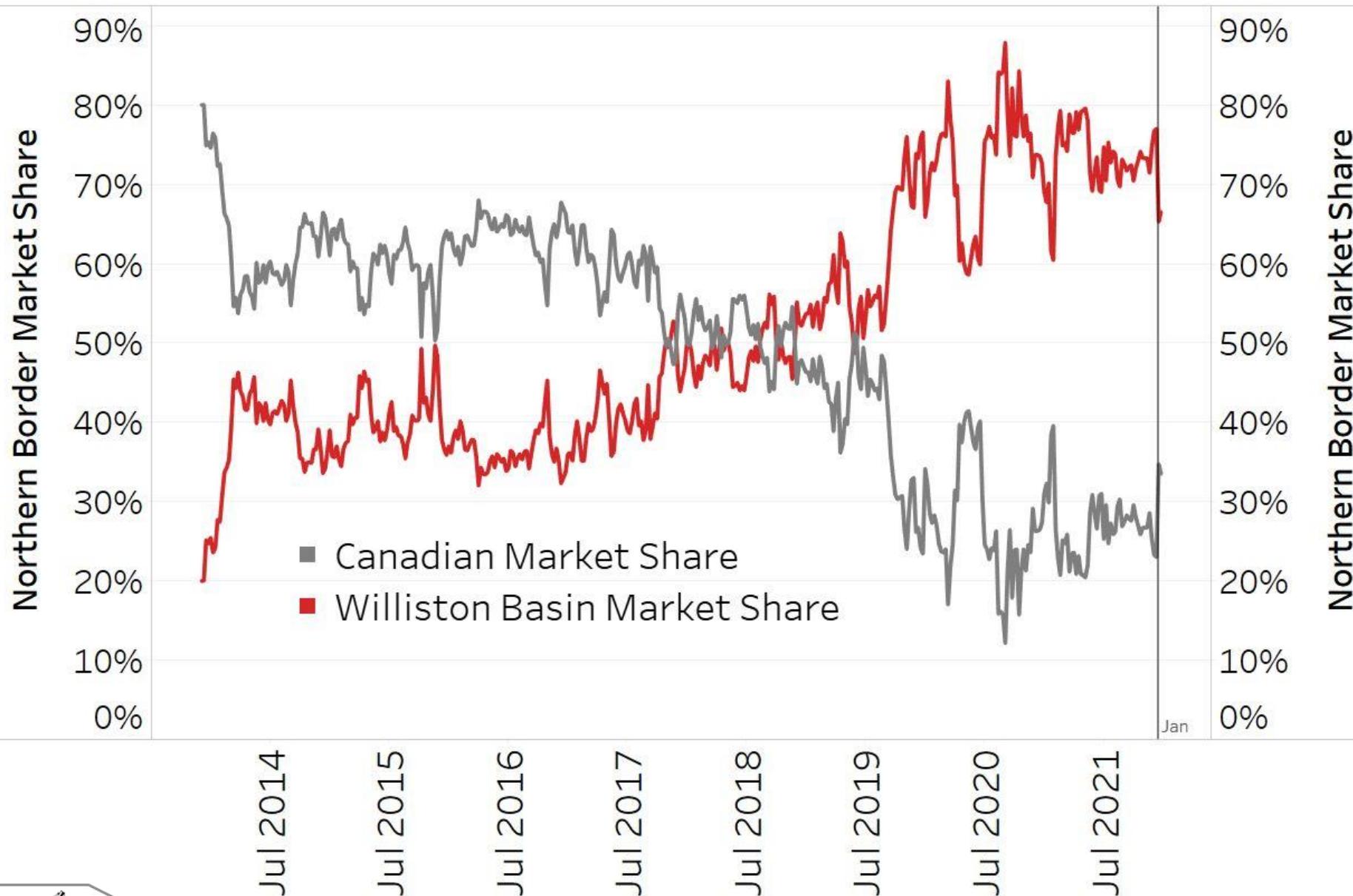
Solving the Flaring Challenge



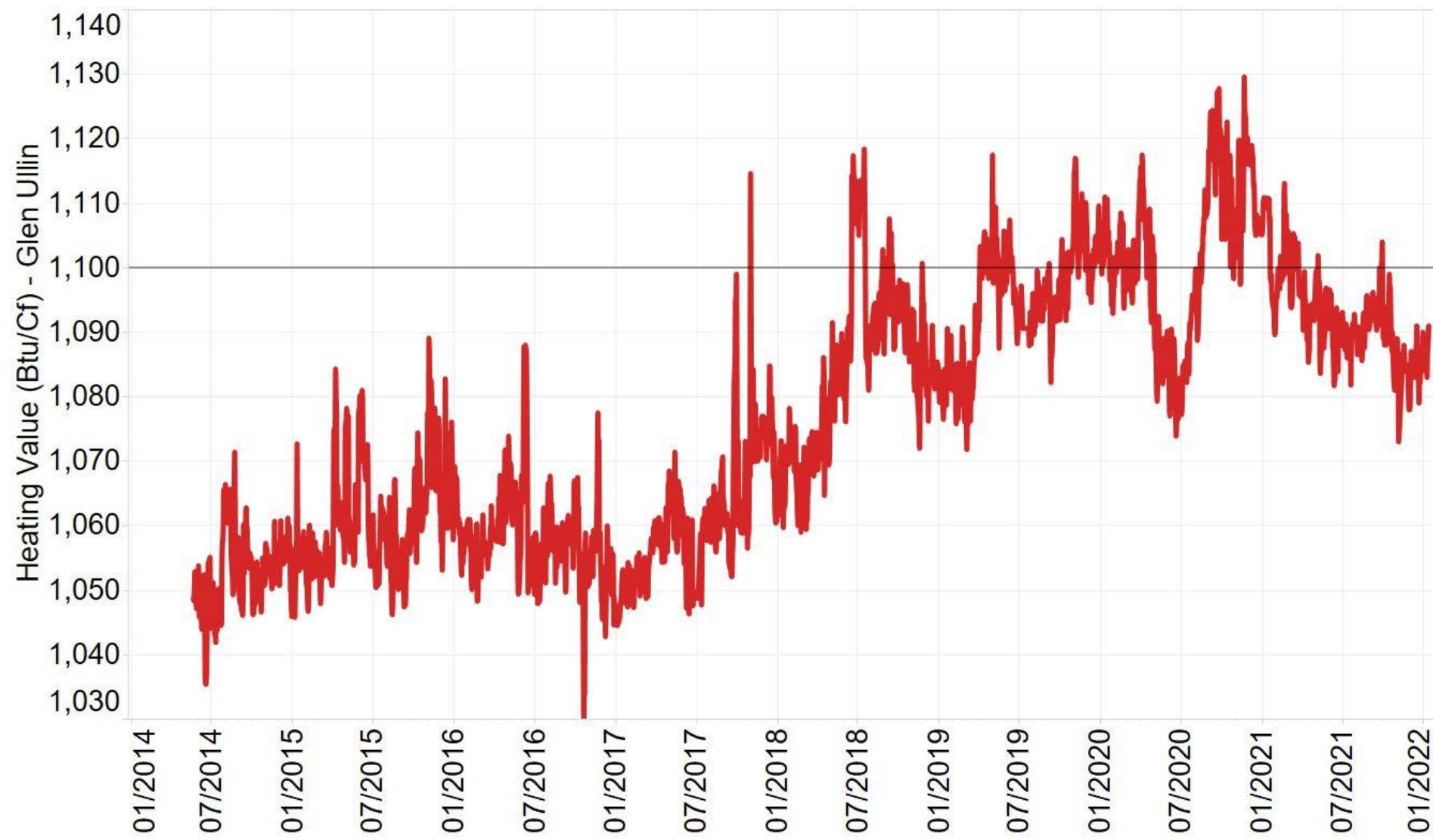
Bakken Natural Gas Infrastructure



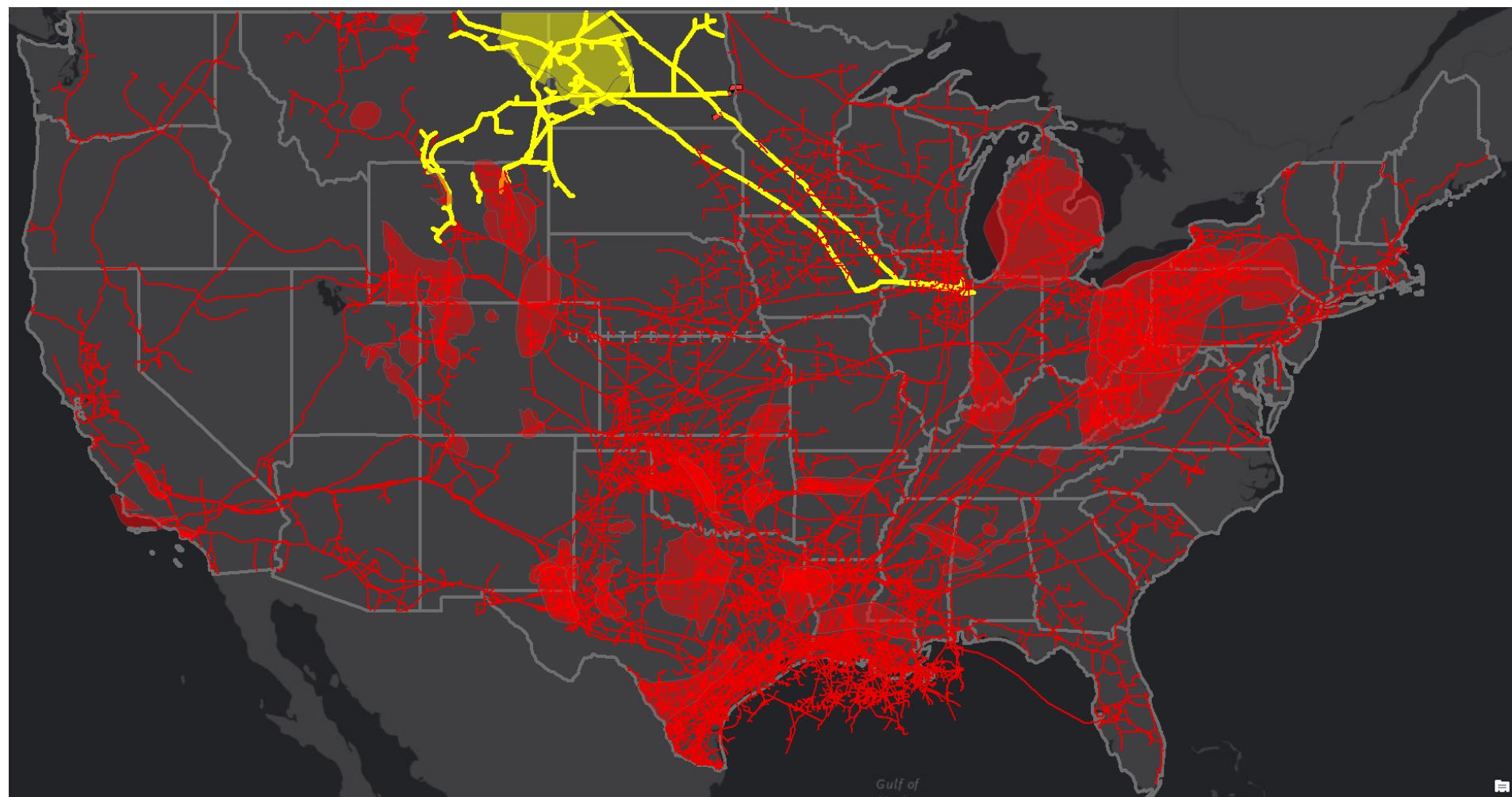
Northern Border Pipeline Market Share



Northern Border BTU at Glen Ullin, ND



Bakken Natural Gas Infrastructure



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



JJ Kringstad - North Dakota Pipeline Authority

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www.pipeline.nd.gov

www.northdakotapipelines.com

