



December 2021 Monthly Update North Dakota Pipeline Authority

Justin J. Kringstad
December 17, 2021

US Williston Basin Oil Production - 2021

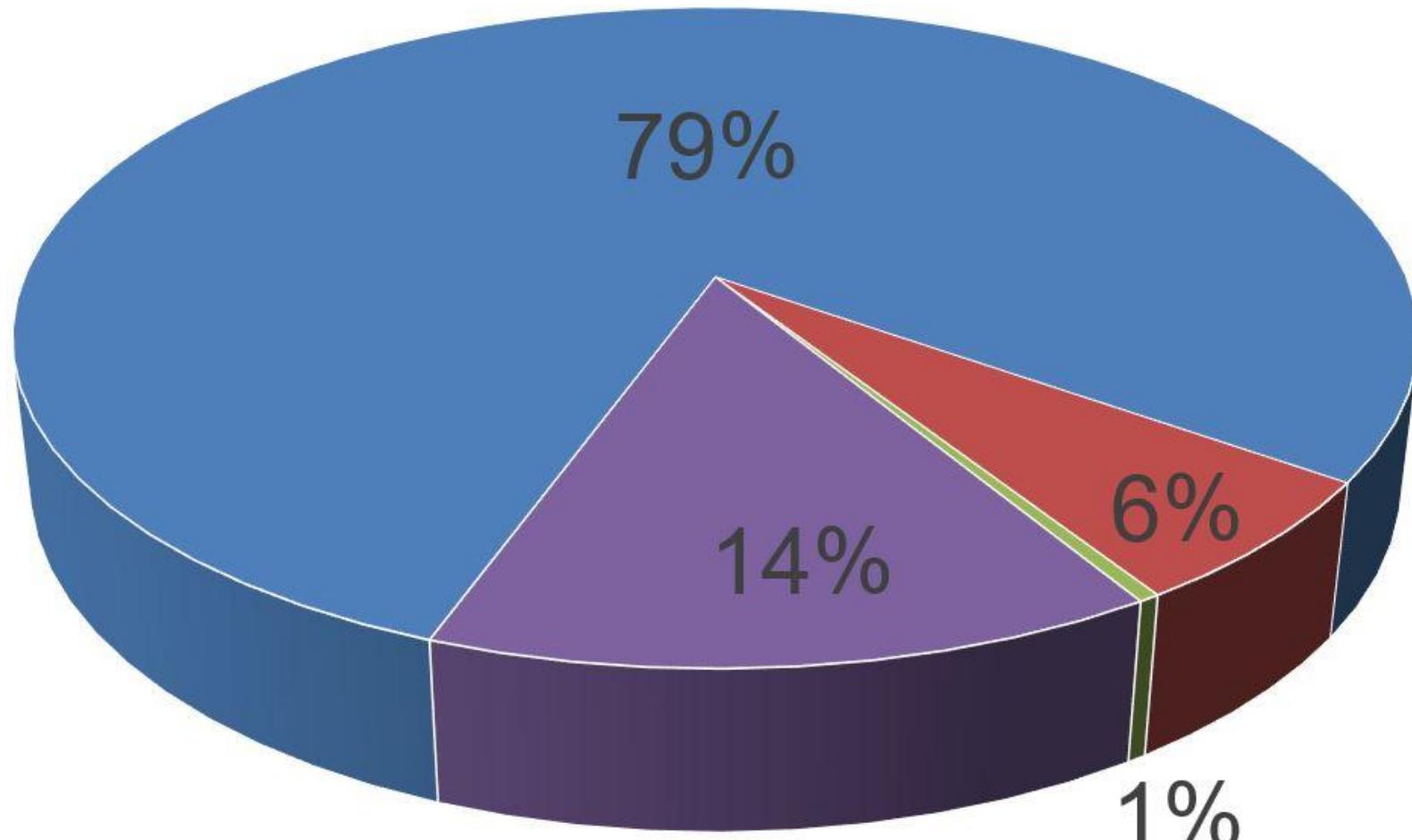
MONTH	ND	Eastern MT*	SD	TOTAL
January	1,147,697	50,150	2,874	1,200,720
February	1,083,759	47,971	2,828	1,134,559
March	1,108,982	49,267	2,744	1,160,993
April	1,120,269	48,203	2,644	1,171,116
May	1,128,258	46,682	2,640	1,177,581
June	1,133,624	43,506	3,103	1,180,233
July	1,076,614	43,108	2,884	1,122,606
August	1,107,359	46,625	2,892	1,156,876
September	1,114,020	49,233	2,847	1,166,100
October	1,110,321			
November				
December				



North Dakota Monthly Production Change



Estimated Williston Basin Oil Transportation



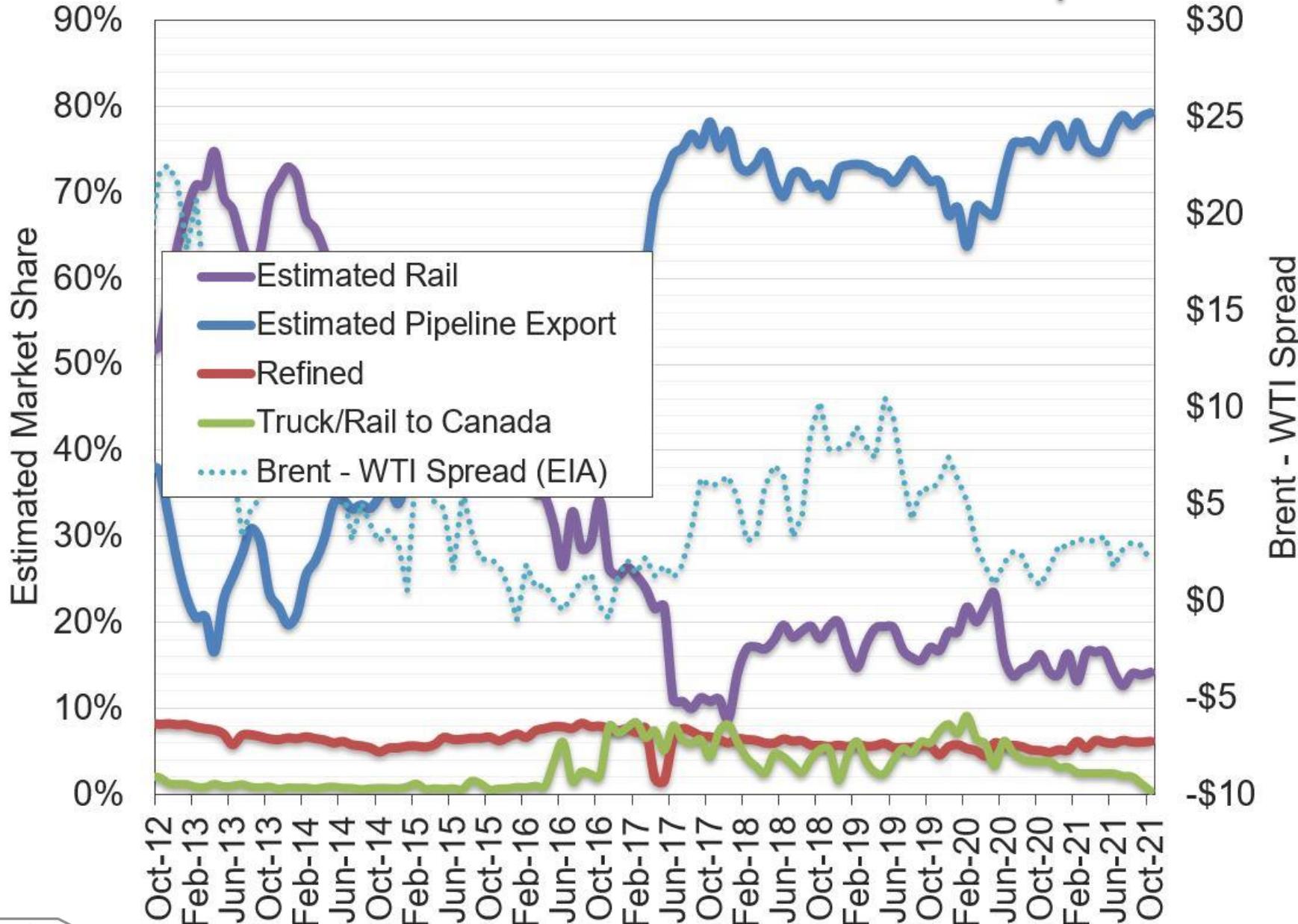
- Pipeline Export
- Truck/Rail to Canada

- Refined
- Estimated Rail

October 2021



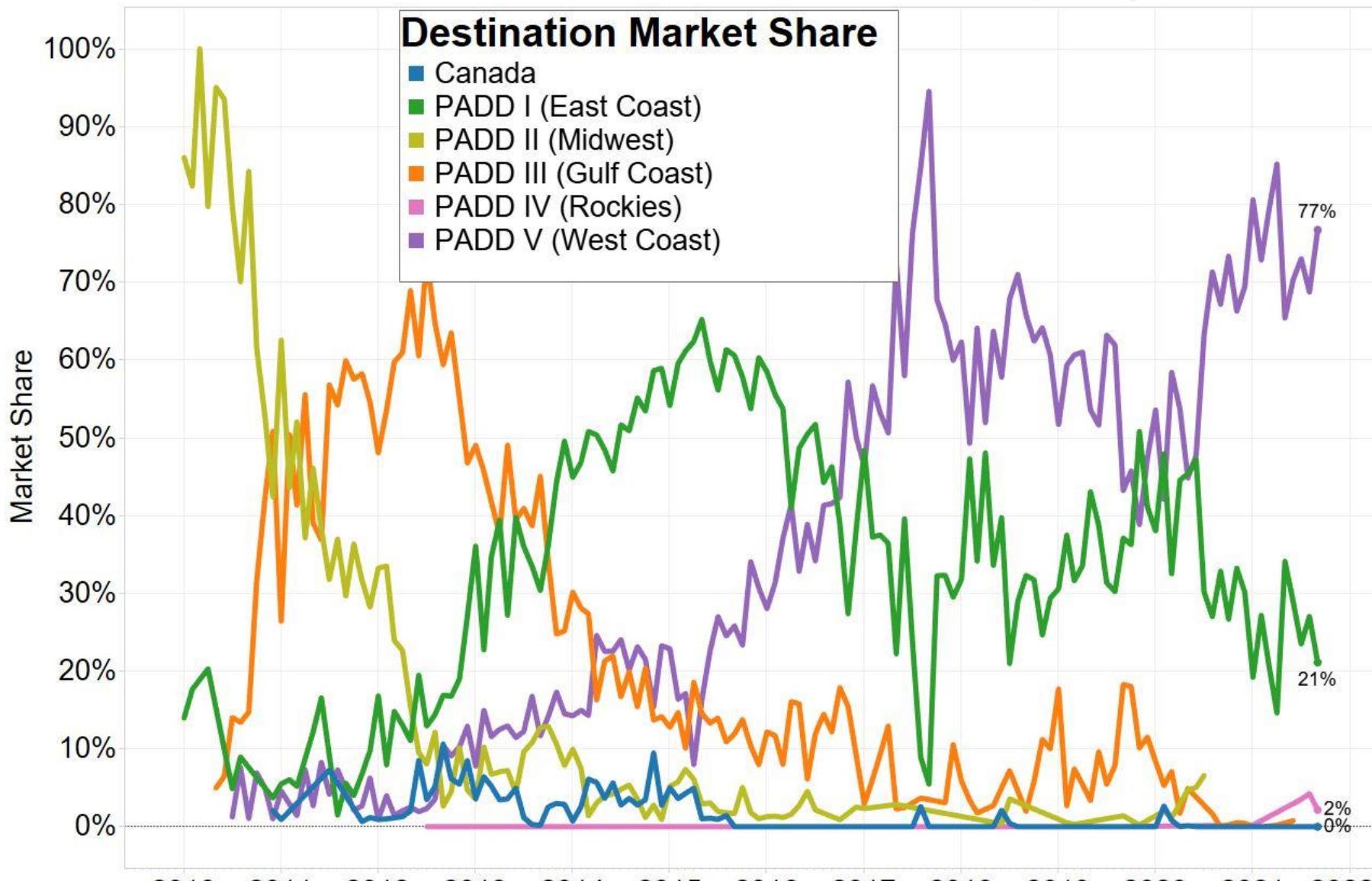
Estimated Williston Basin Oil Transportation



Estimated ND Rail Export Volumes



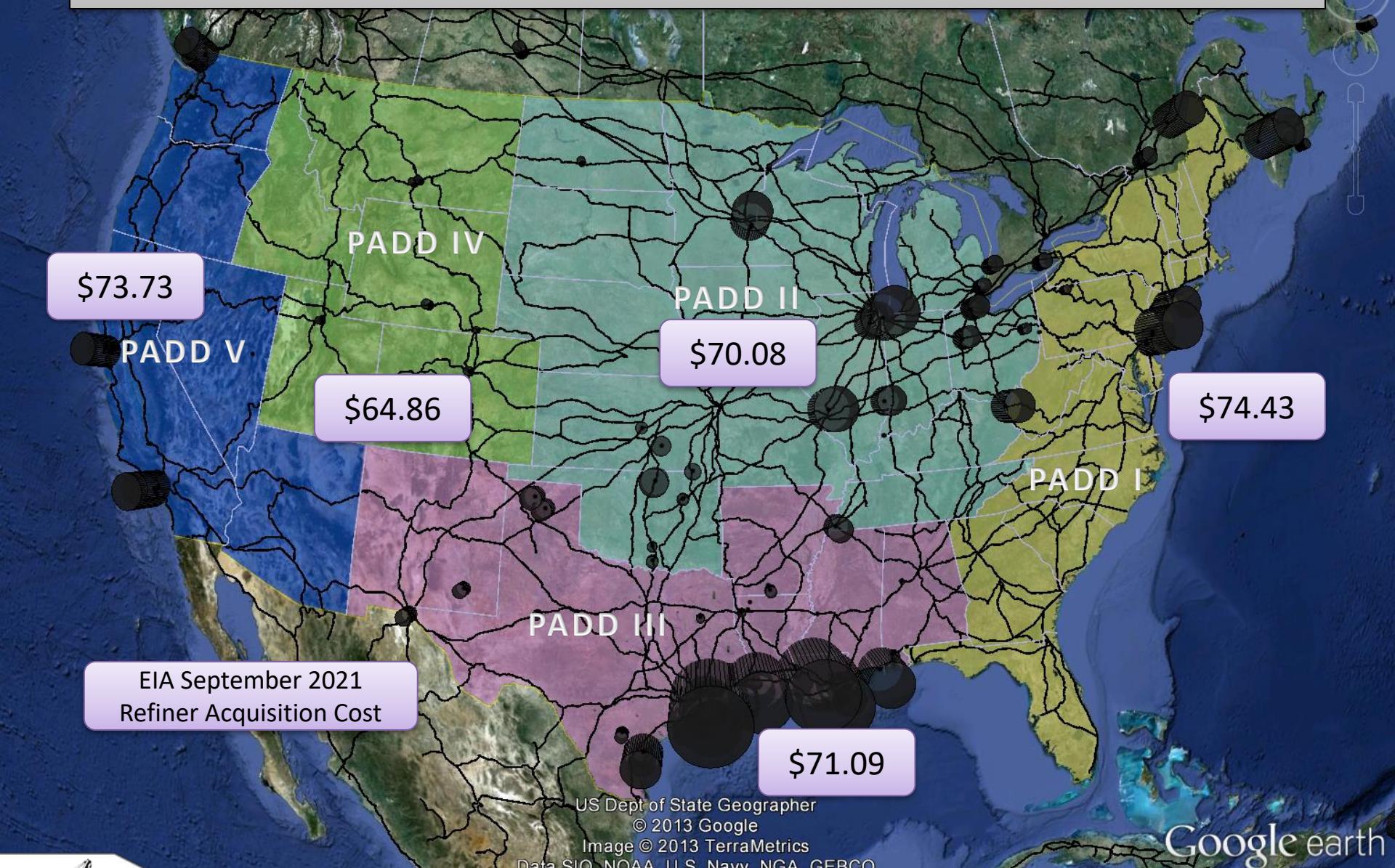
Rail Destinations Market Share (Sep. 2021)



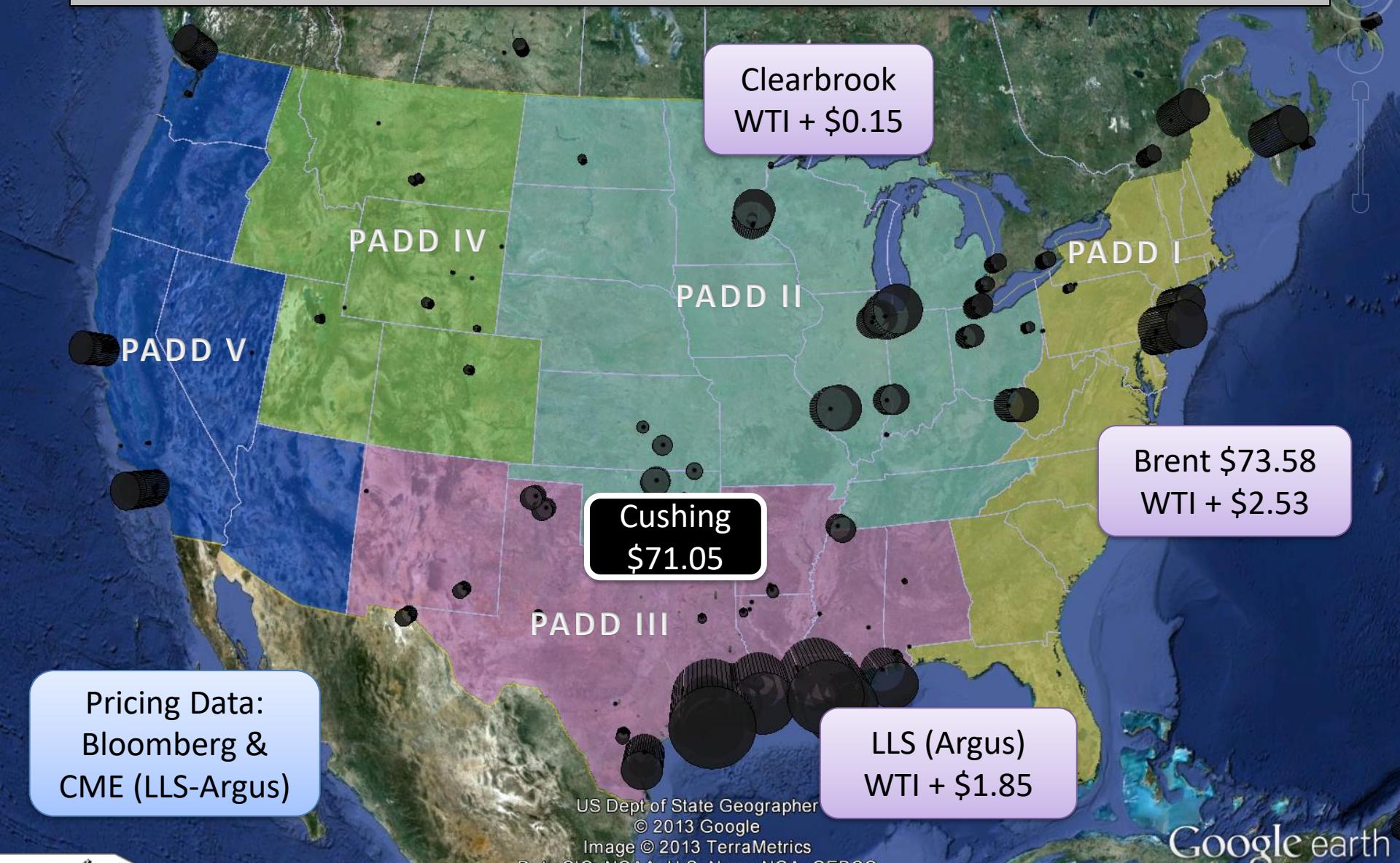
Data for Rail Destination Market Share Provided by the US Energy Information Administration



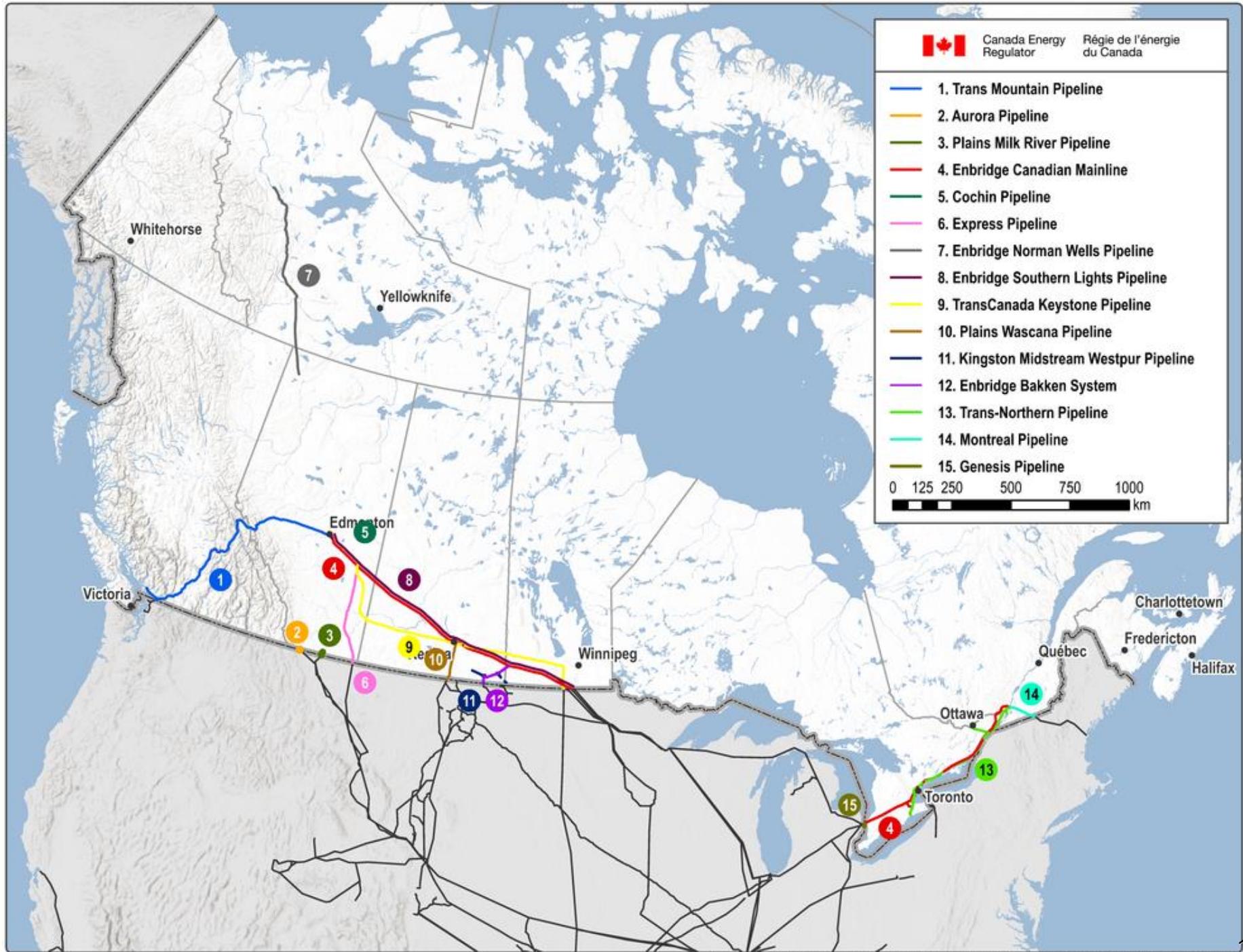
Major Rail Lines and Refineries



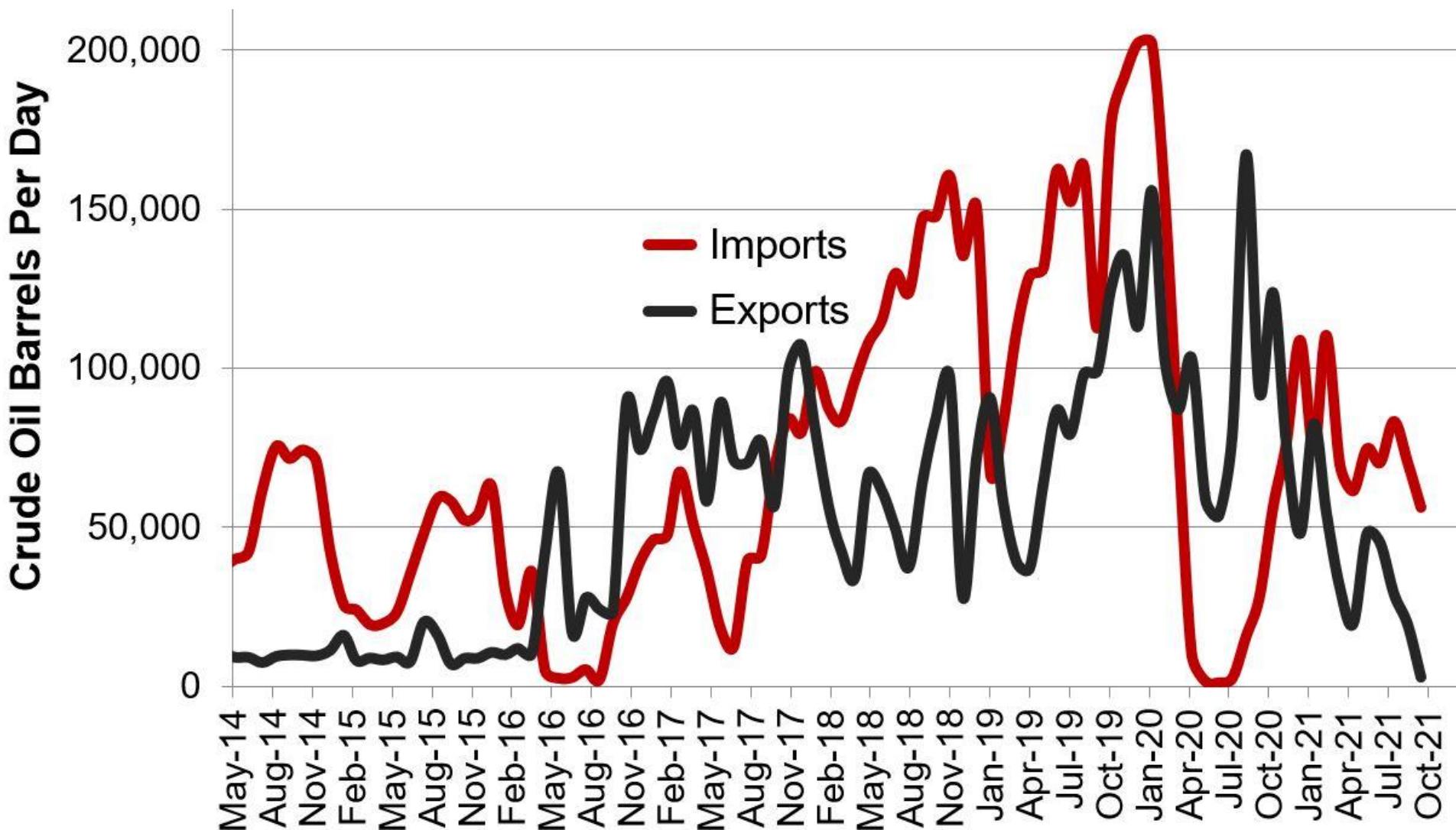
Crude Oil Prices – Dec. 17, 2021







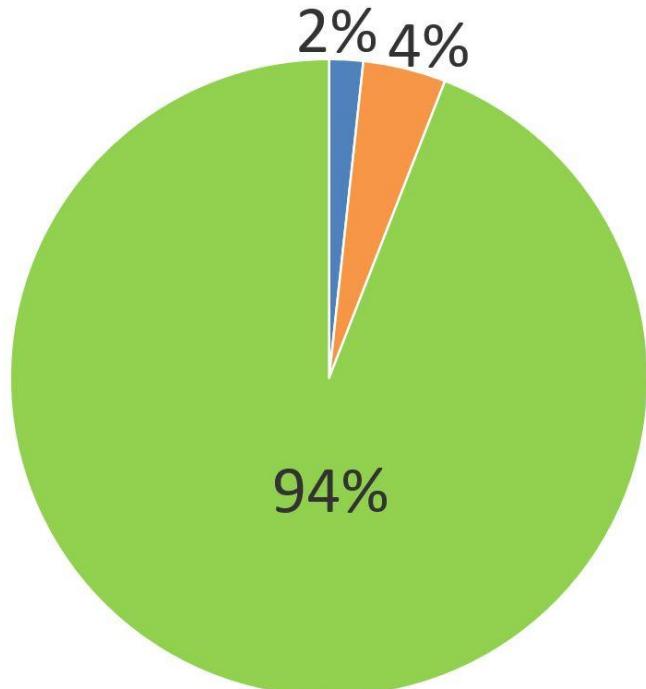
Williston Basin Truck/Rail Imports and Exports with Canada



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.

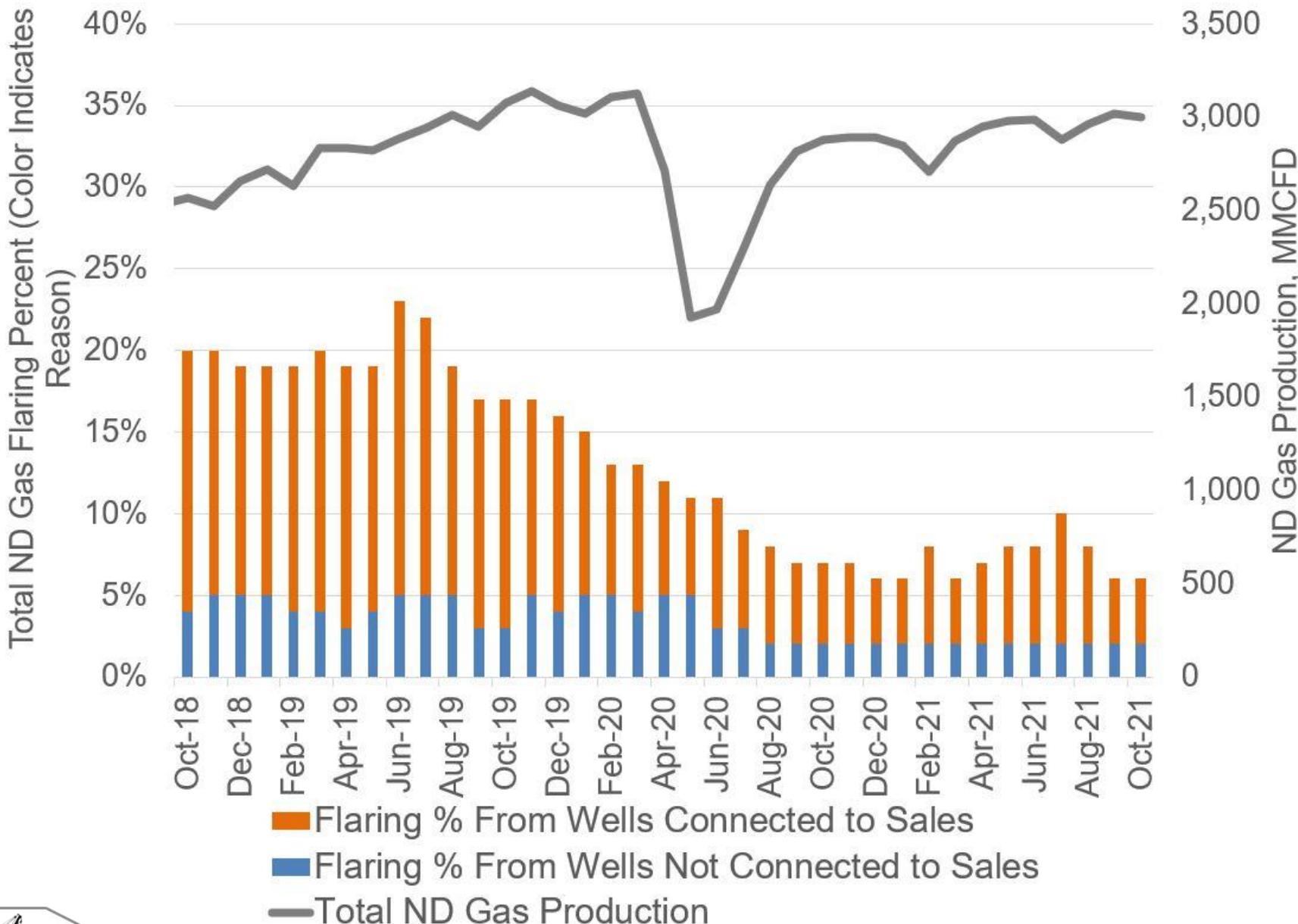
Simple Terms

Blue – Lack of pipelines
Orange – Challenges on existing infrastructure

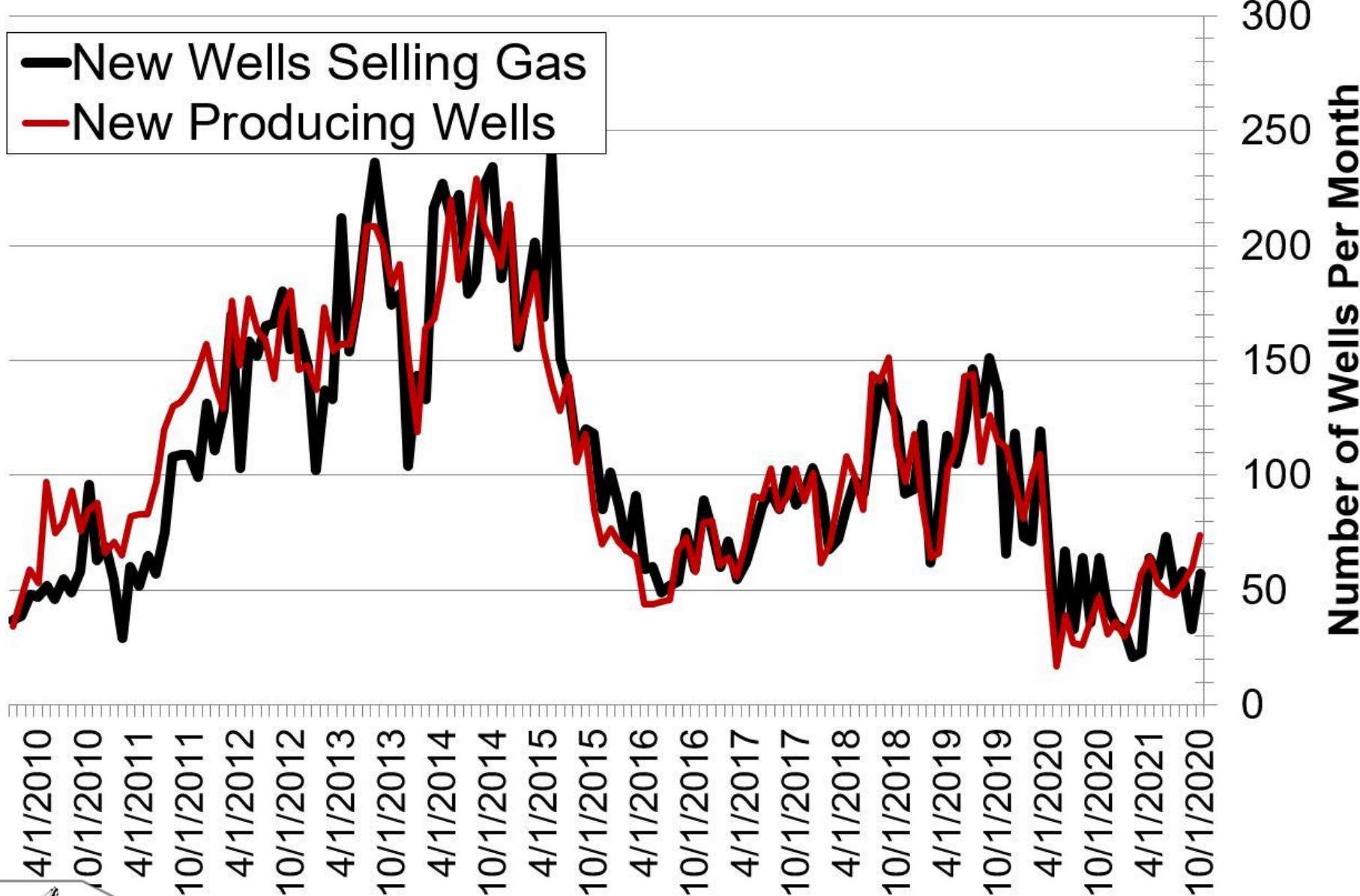
Oct. 2021 Data – Non-Confidential Wells



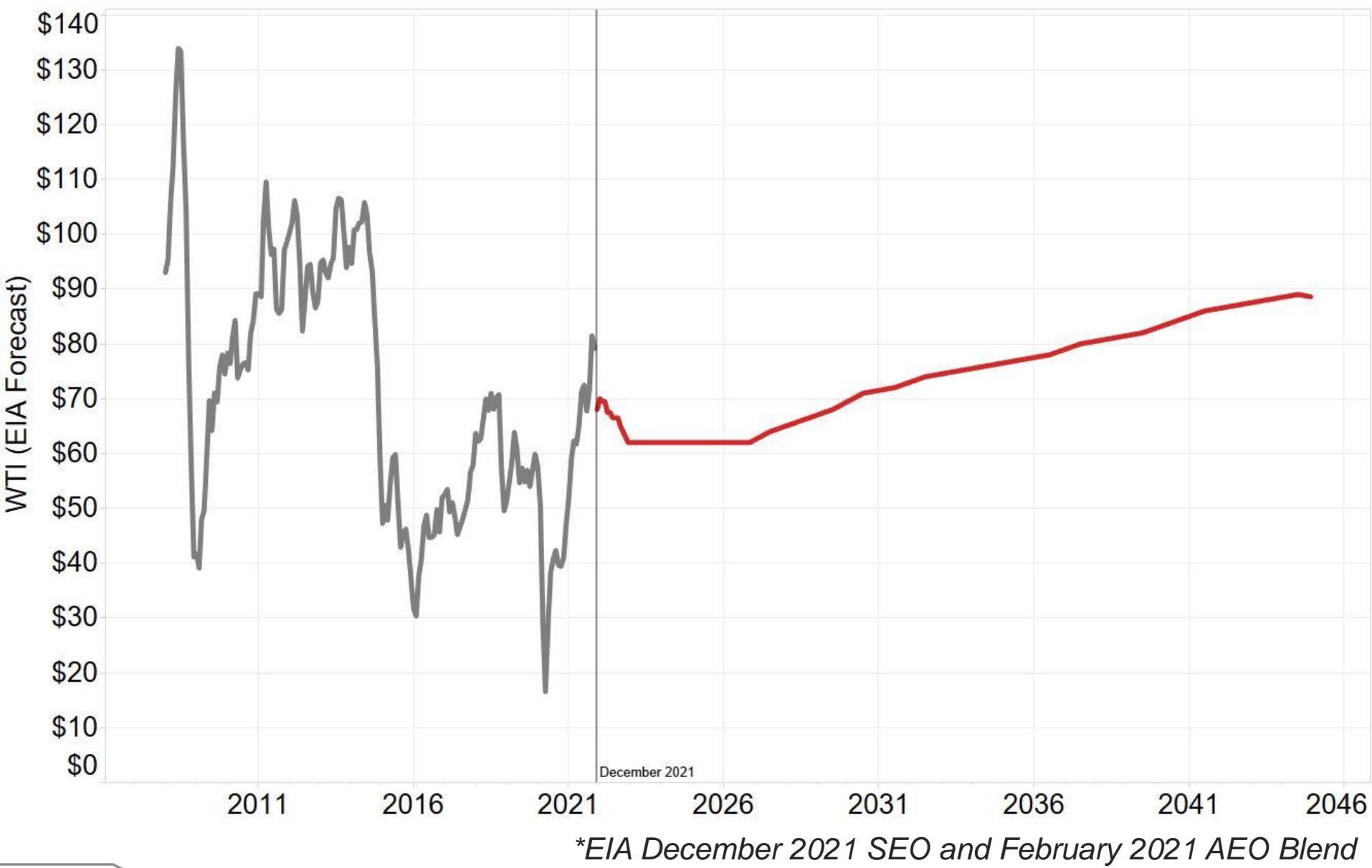
Solving the Flaring Challenge



Solving the Flaring Challenge



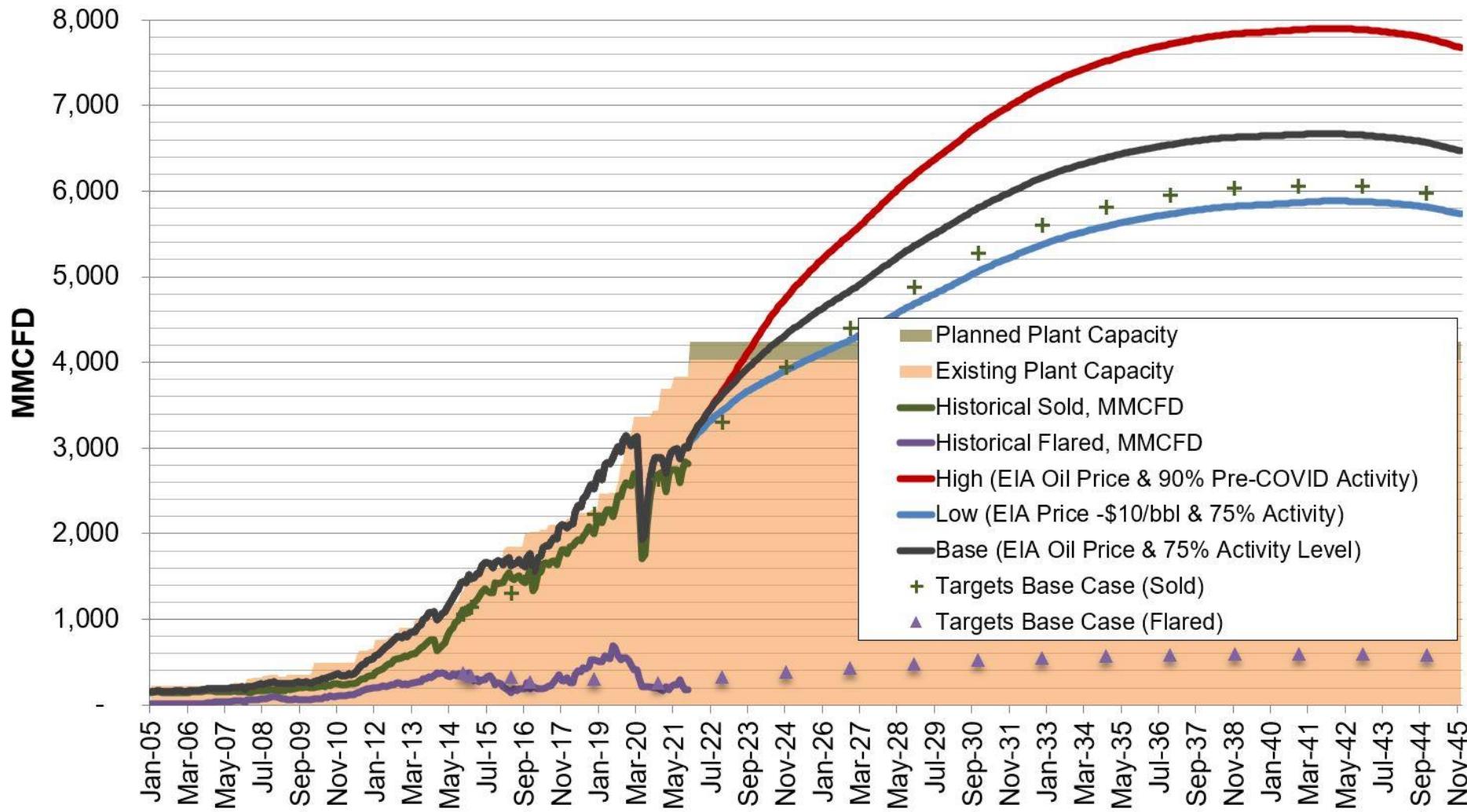
EIA Oil Price Forecast*



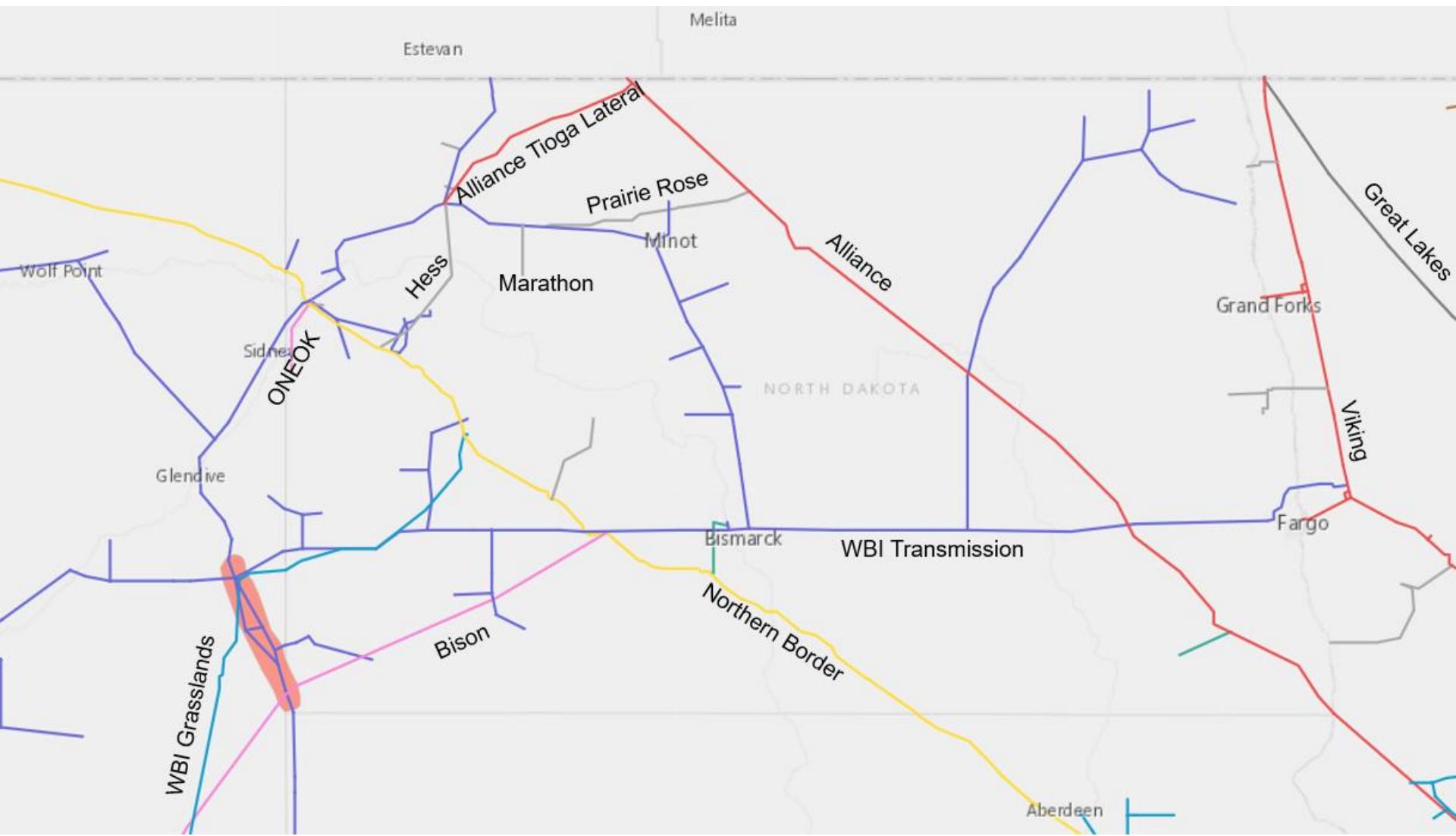
*EIA December 2021 SEO and February 2021 AEO Blend



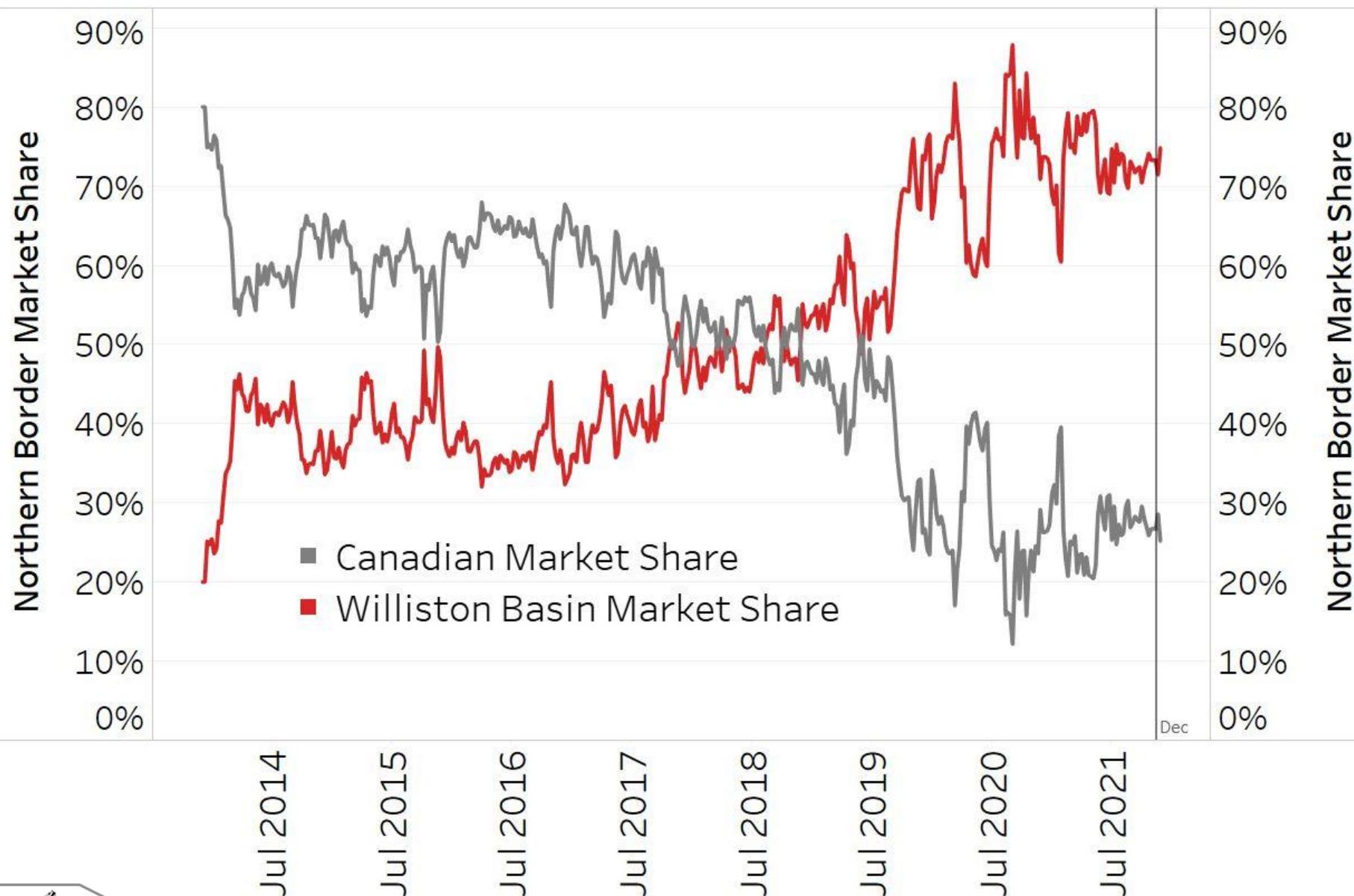
Solving the Flaring Challenge



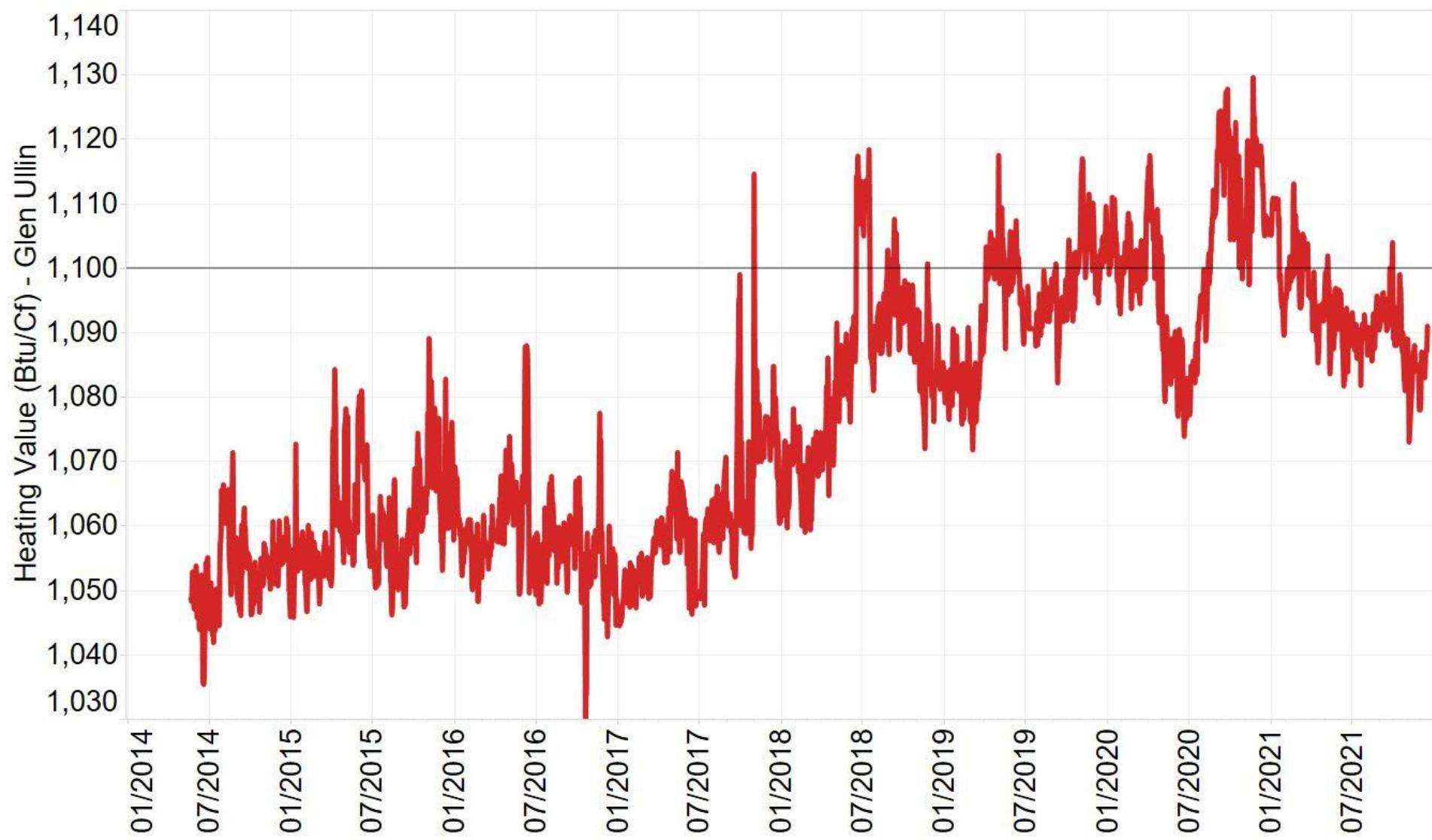
Bakken Natural Gas Infrastructure



Northern Border Pipeline Market Share



Northern Border BTU at Glen Ullin, ND



North Dakota Industrial Commission

Natural Gas Pipeline Program

State Capitol, 14th Floor, 600 E Boulevard Ave. Dept. 405
Bismarck, ND 58505-0840
Phone: 701-328-3726

Natural Gas Pipeline - Review Committee Meeting: To be determined

Application Deadline Date: March 1, 2022

***Subject to change**

The purpose of the Natural Gas Pipeline Program (NGL) is to provide grants to assist with the construction of a high-pressure transmission pipeline to transport natural gas for utilization in eastern North Dakota thereby expanding the North Dakota economy, increasing employment, stimulating economic activity, augmenting sources of tax revenue, and fostering economic stability.

North Dakota's Natural Gas Pipeline Program was established by the Legislature in 2021 under the control of the North Dakota Industrial Commission to provide funding for the development of high-pressure transmission pipeline infrastructure for the transportation and competitive selling of natural gas to eastern North Dakota. The program guidelines provide that the Industrial Commission shall consult with the Natural Gas Pipeline Review Committee.

For the period beginning December 1, 2021 and ending June 30, 2023, the program received an appropriation of \$150 million, or as much as may be necessary, for the purpose of pipeline infrastructure. At least \$10 million must be used for a project to transport natural gas to areas in Grand Forks County.

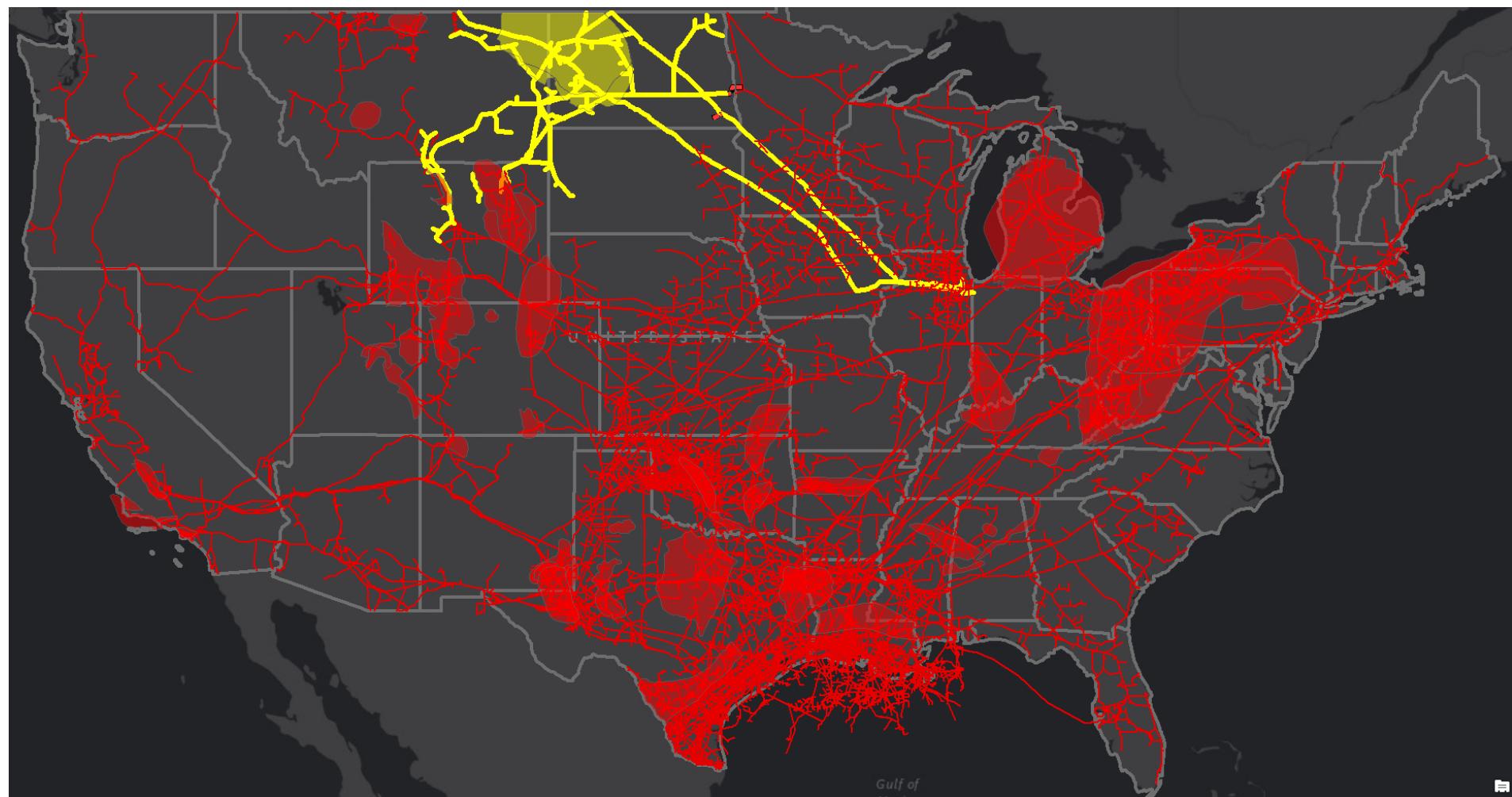
Grant Round Application Deadlines:

- March 1, 2022 (Grand Forks County Projects)
- May 1, 2022

Statute and Policies

- [SB 2345 Section 1, subsection 1 and Section 9](#)
- [NGP Guidelines](#)
- [Application Documents](#)
- [NGP Review Documents](#)
- NGP Sample Contract

Bakken Natural Gas Infrastructure



Contact Information

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



JJ Kringstad - North Dakota Pipeline Authority

Websites:

www.pipeline.nd.gov

www.northdakotapipelines.com

