



December 2021 Monthly Update  
North Dakota Pipeline Authority  
Justin J. Kringstad  
December 17, 2021

# US Williston Basin Oil Production - 2021

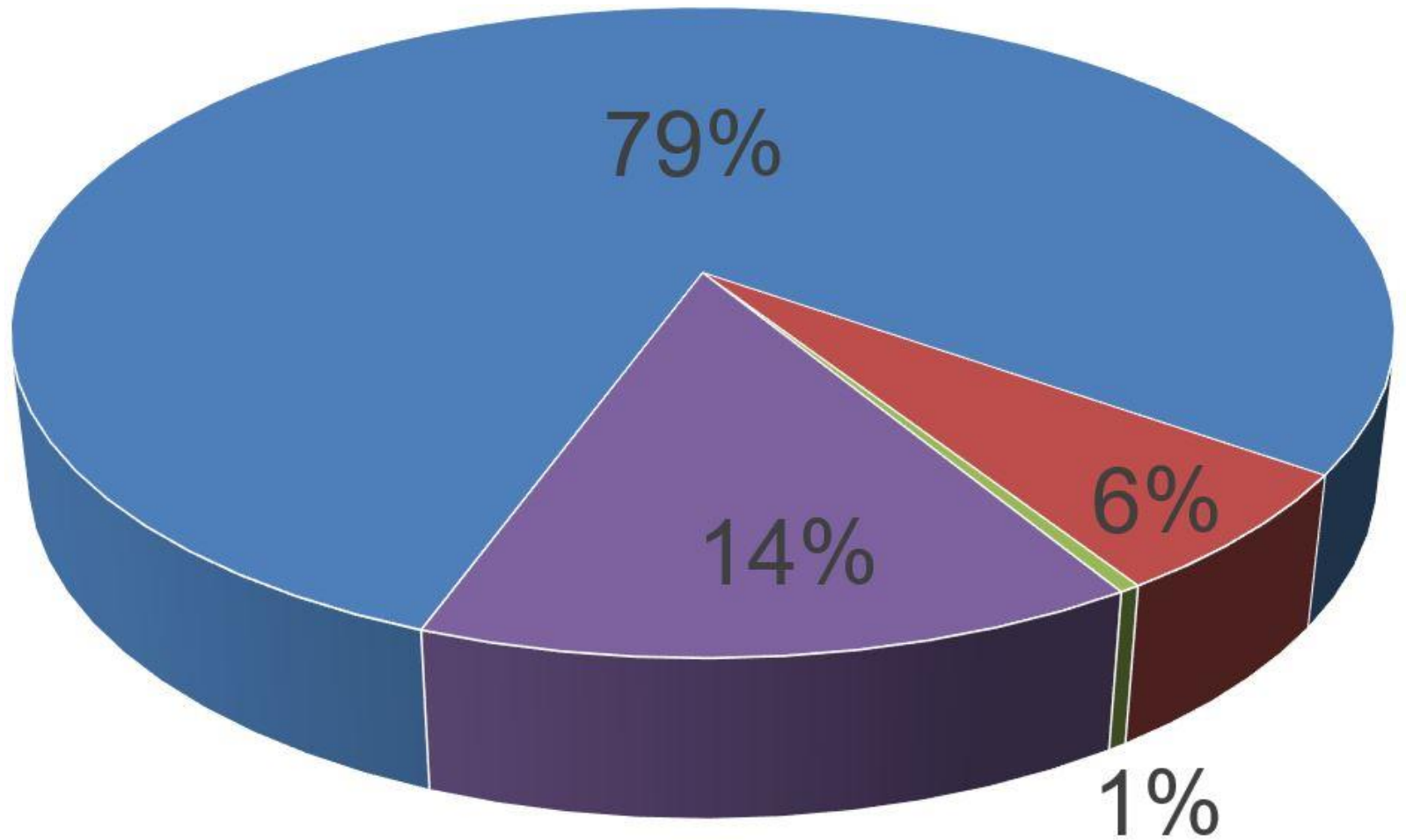
MONTH	ND	Eastern MT*	SD	TOTAL
January	1,147,697	50,150	2,874	1,200,720
February	1,083,759	47,971	2,828	1,134,559
March	1,108,982	49,267	2,744	1,160,993
April	1,120,269	48,203	2,644	1,171,116
May	1,128,258	46,682	2,640	1,177,581
June	1,133,624	43,506	3,103	1,180,233
July	1,076,614	43,108	2,884	1,122,606
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

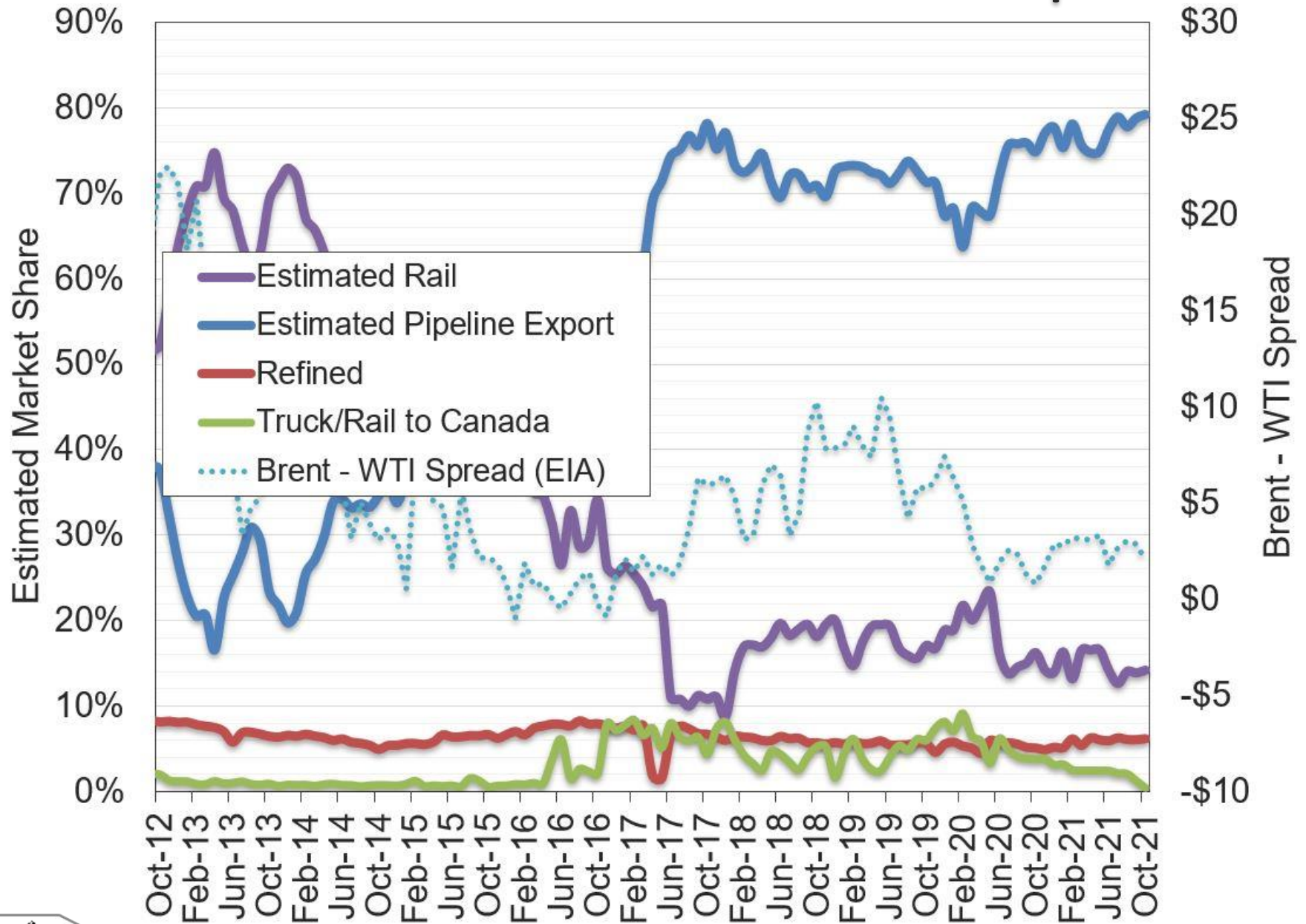
■ Estimated Rail

October 2021





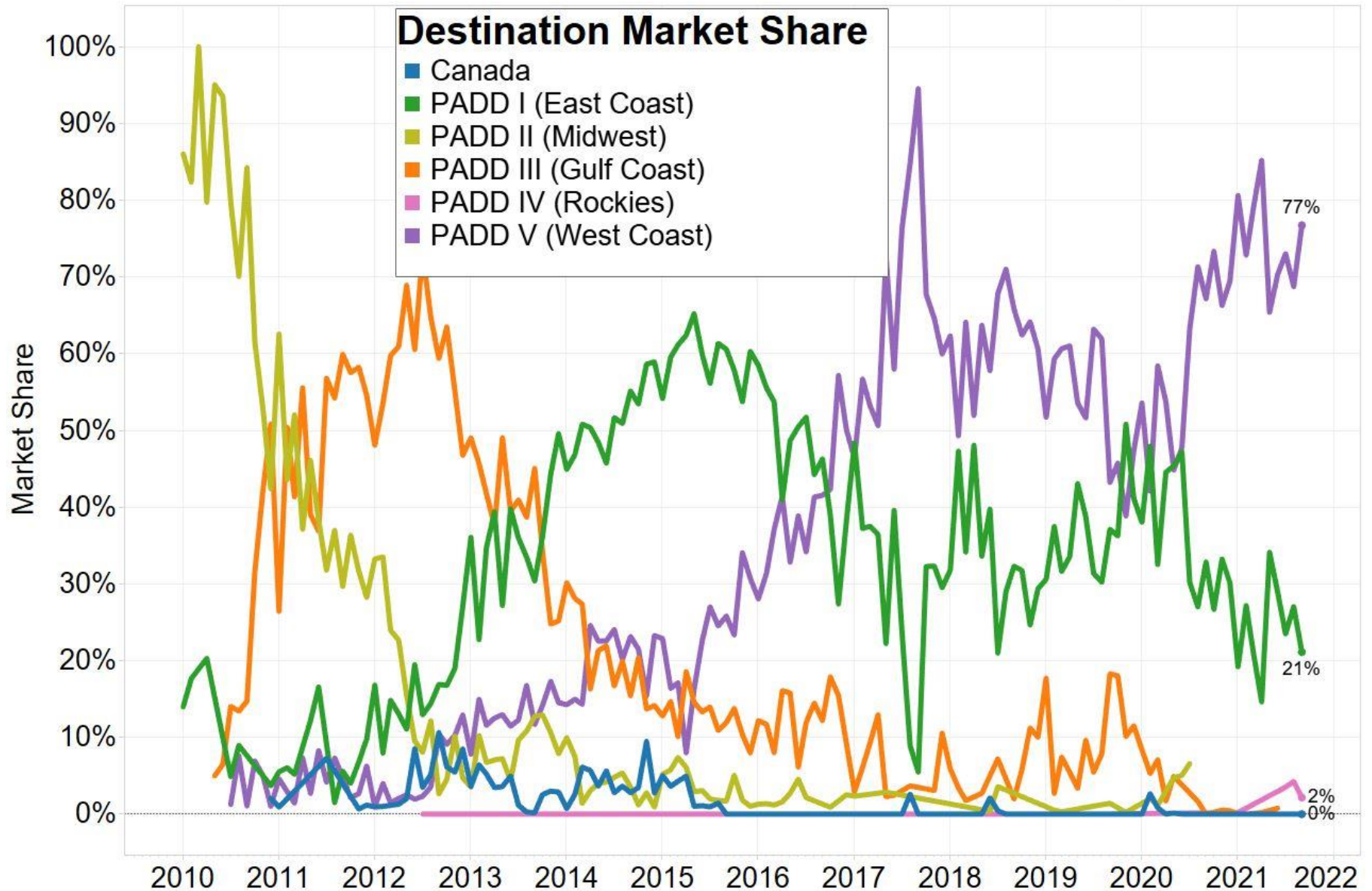
# Estimated Williston Basin Oil Transportation



# Estimated ND Rail Export Volumes



# Rail Destinations Market Share (Sep. 2021)

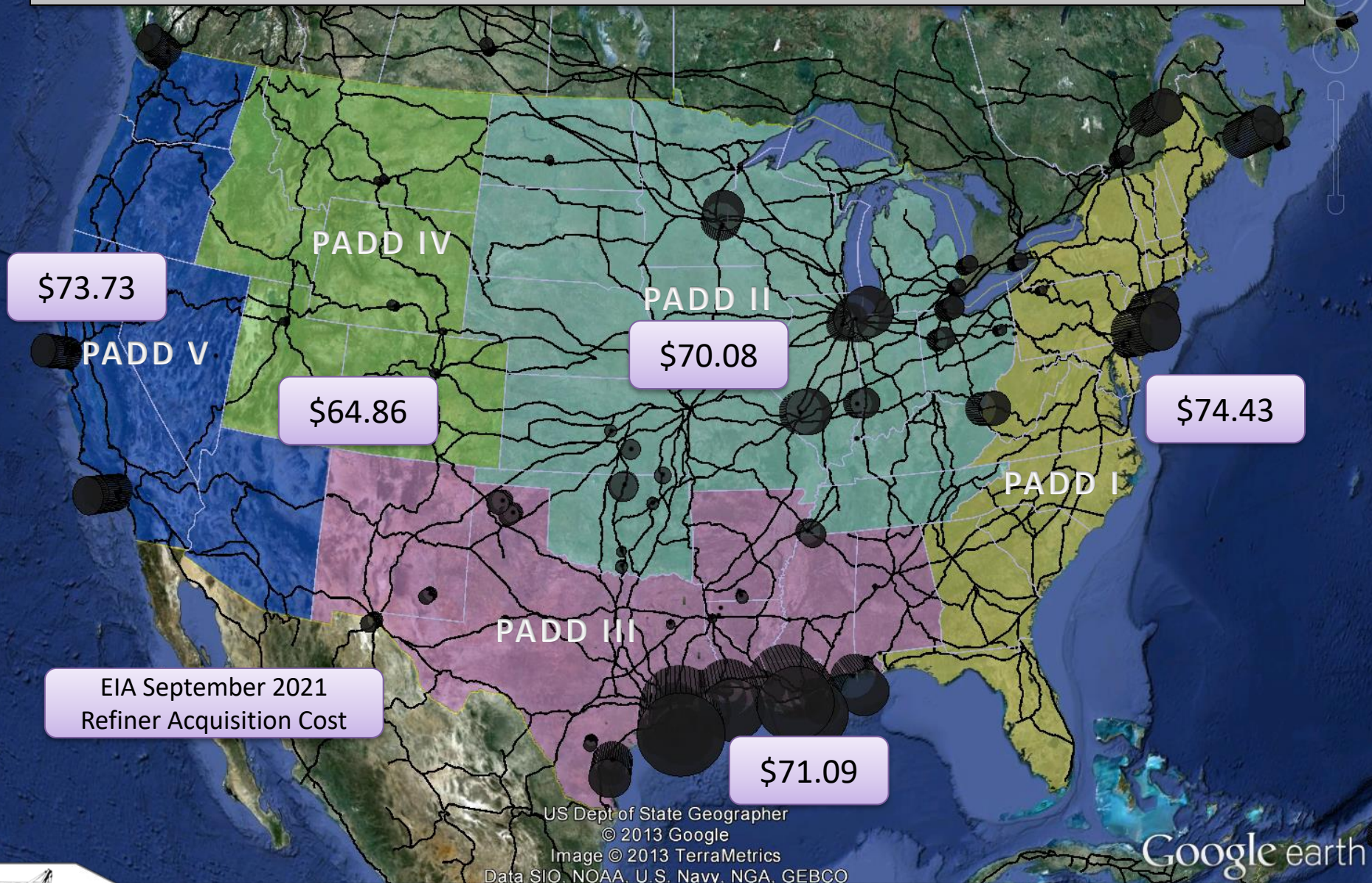


Data for Rail Destination Market Share Provided by the US Energy Information Administration



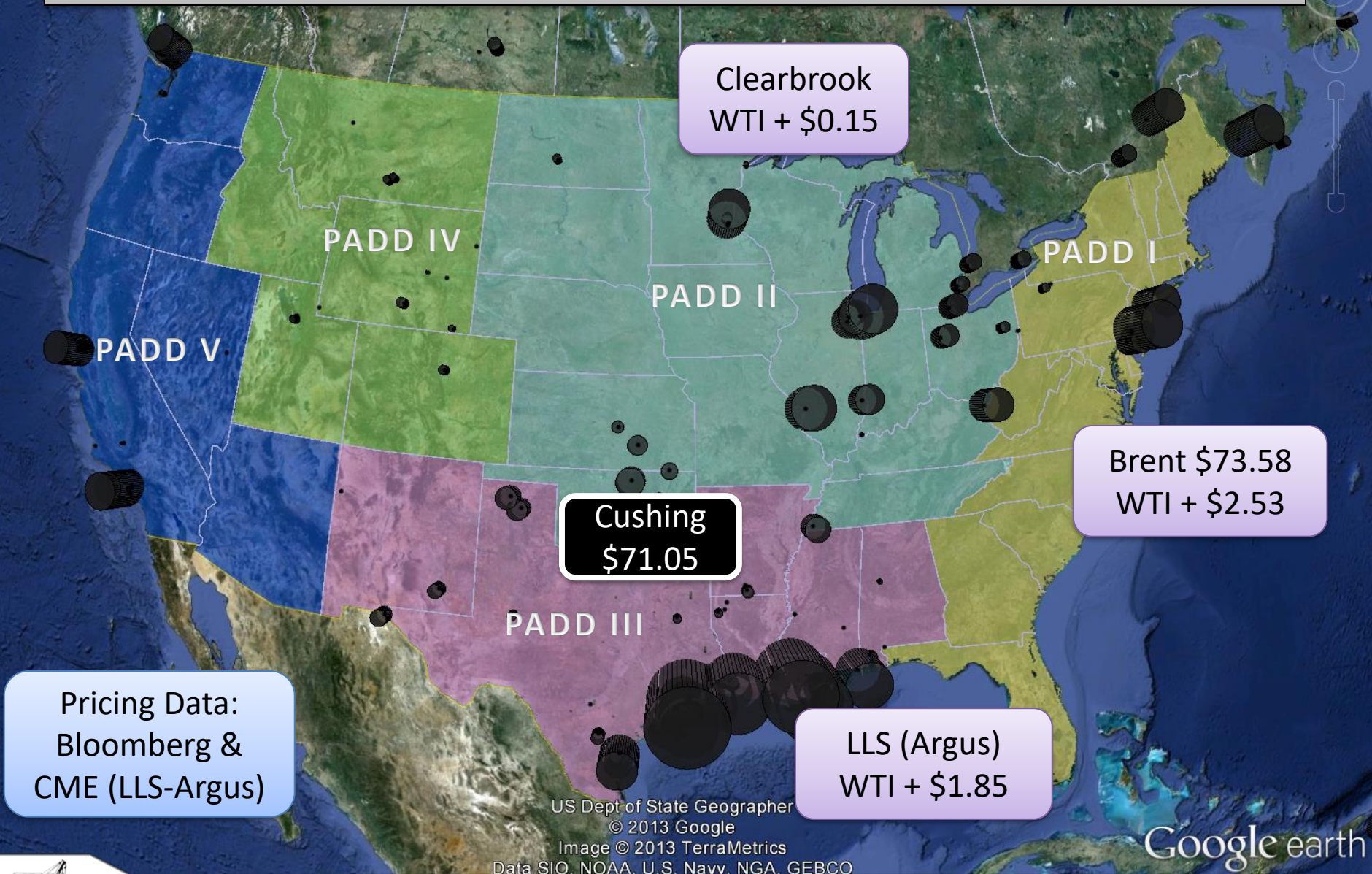


# Major Rail Lines and Refineries





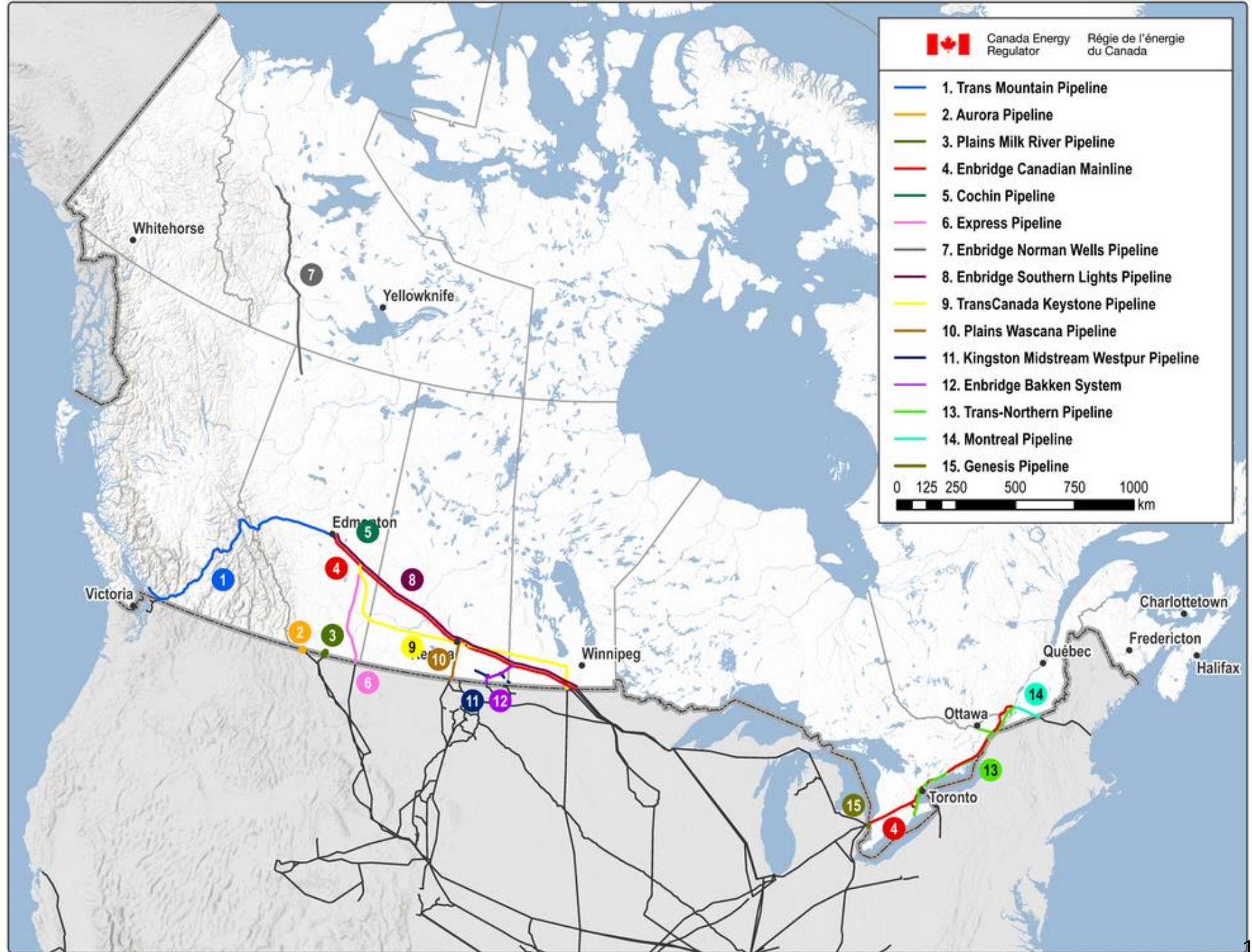
# Crude Oil Prices – Dec. 17, 2021





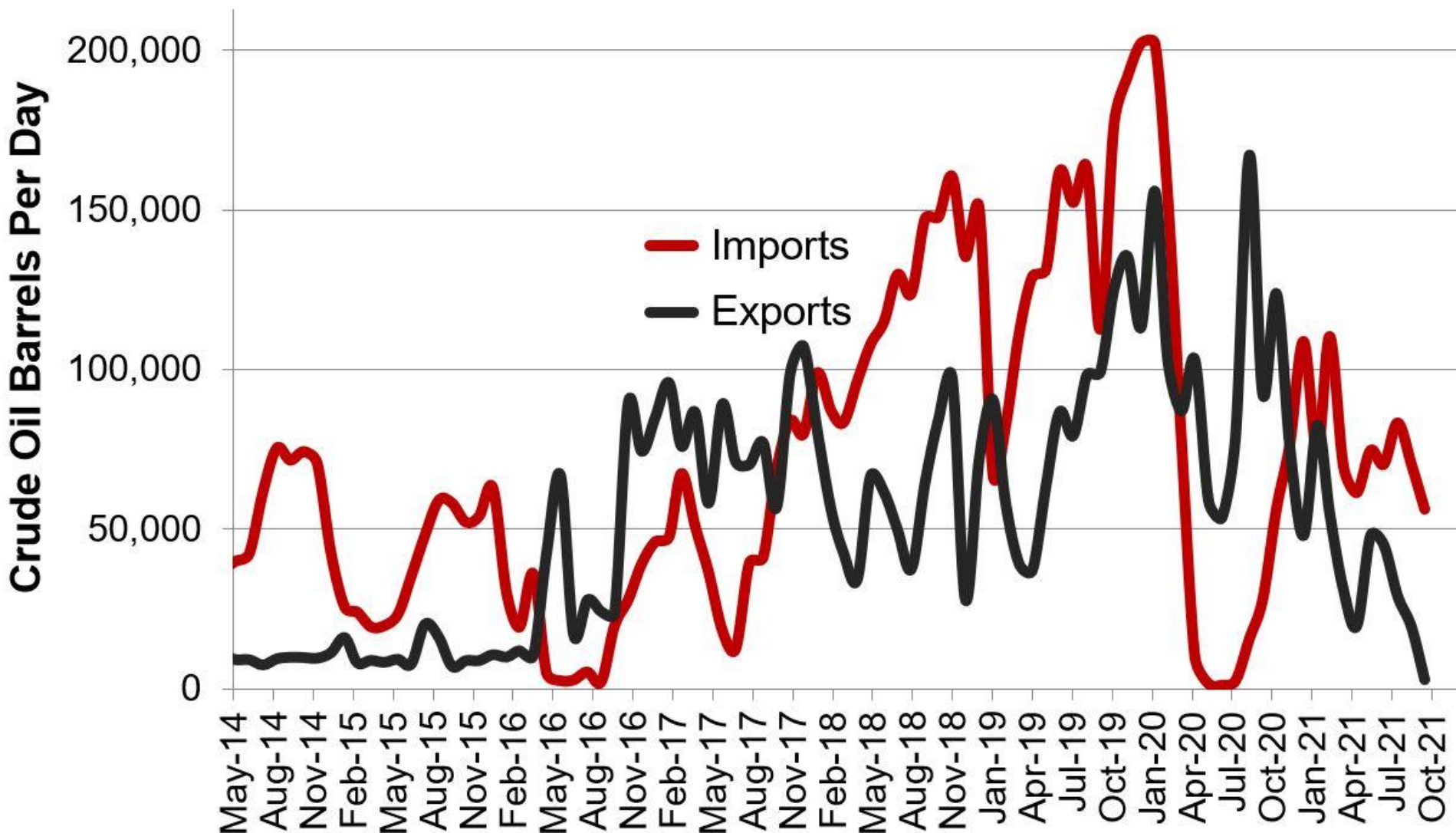








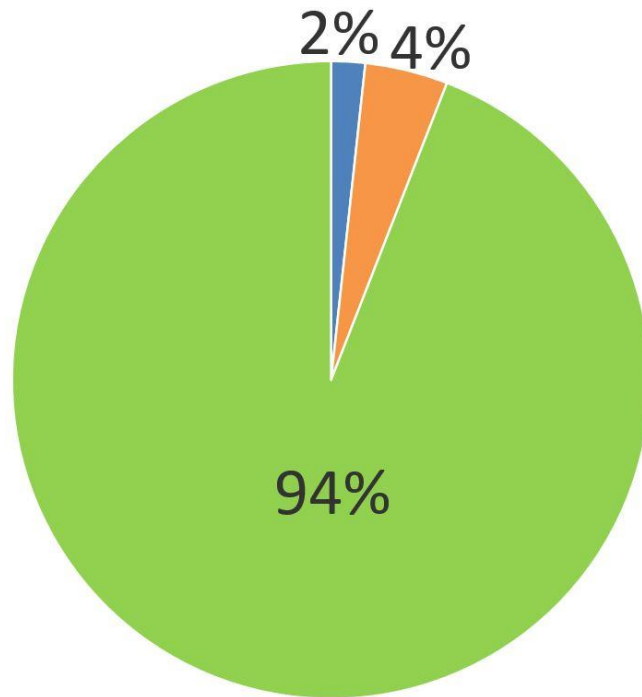
# Williston Basin Truck/Rail Imports and Exports with Canada



*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

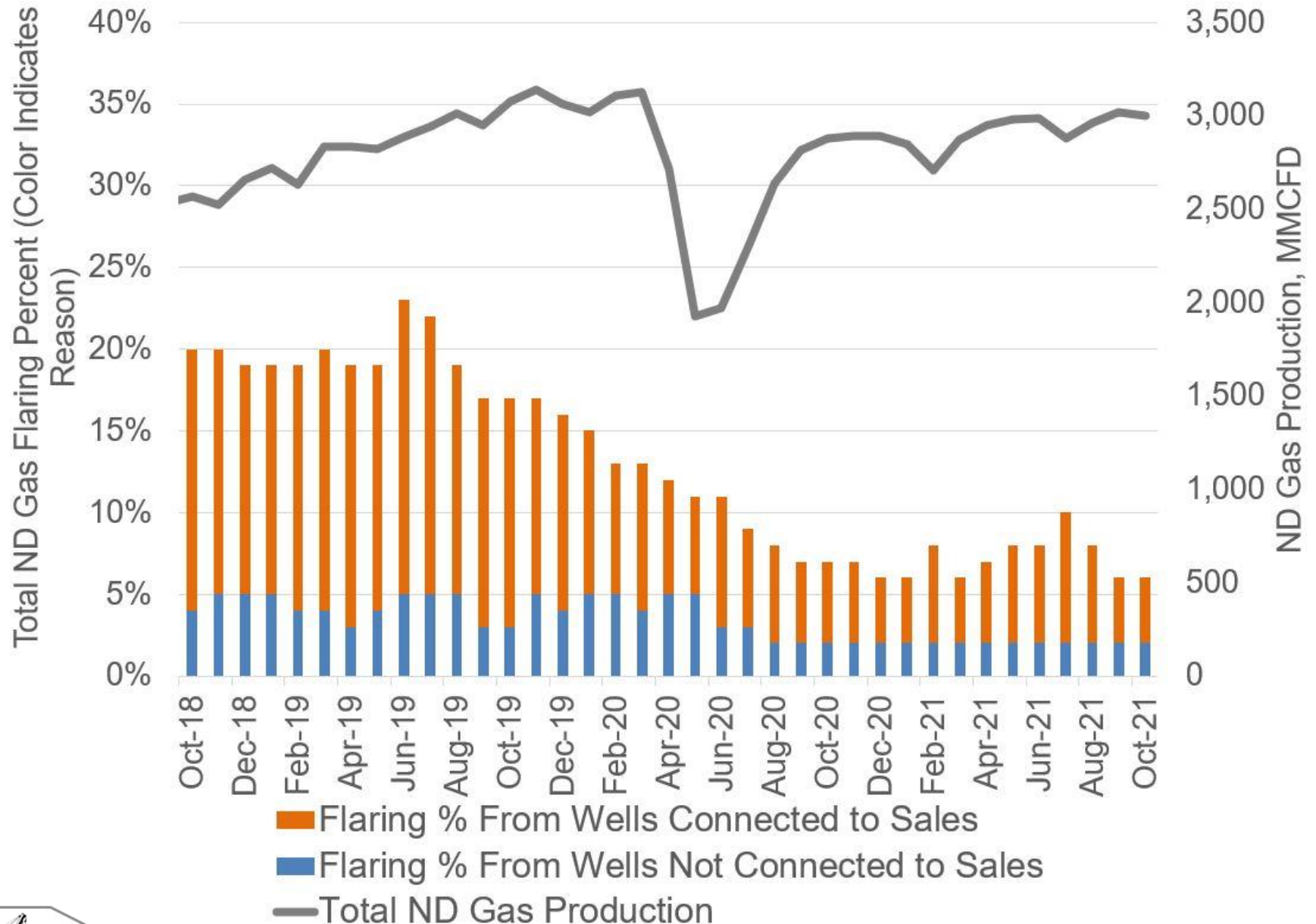
**Blue** – Lack of pipelines

**Orange** – Challenges on existing infrastructure

Oct. 2021 Data – Non-Confidential Wells

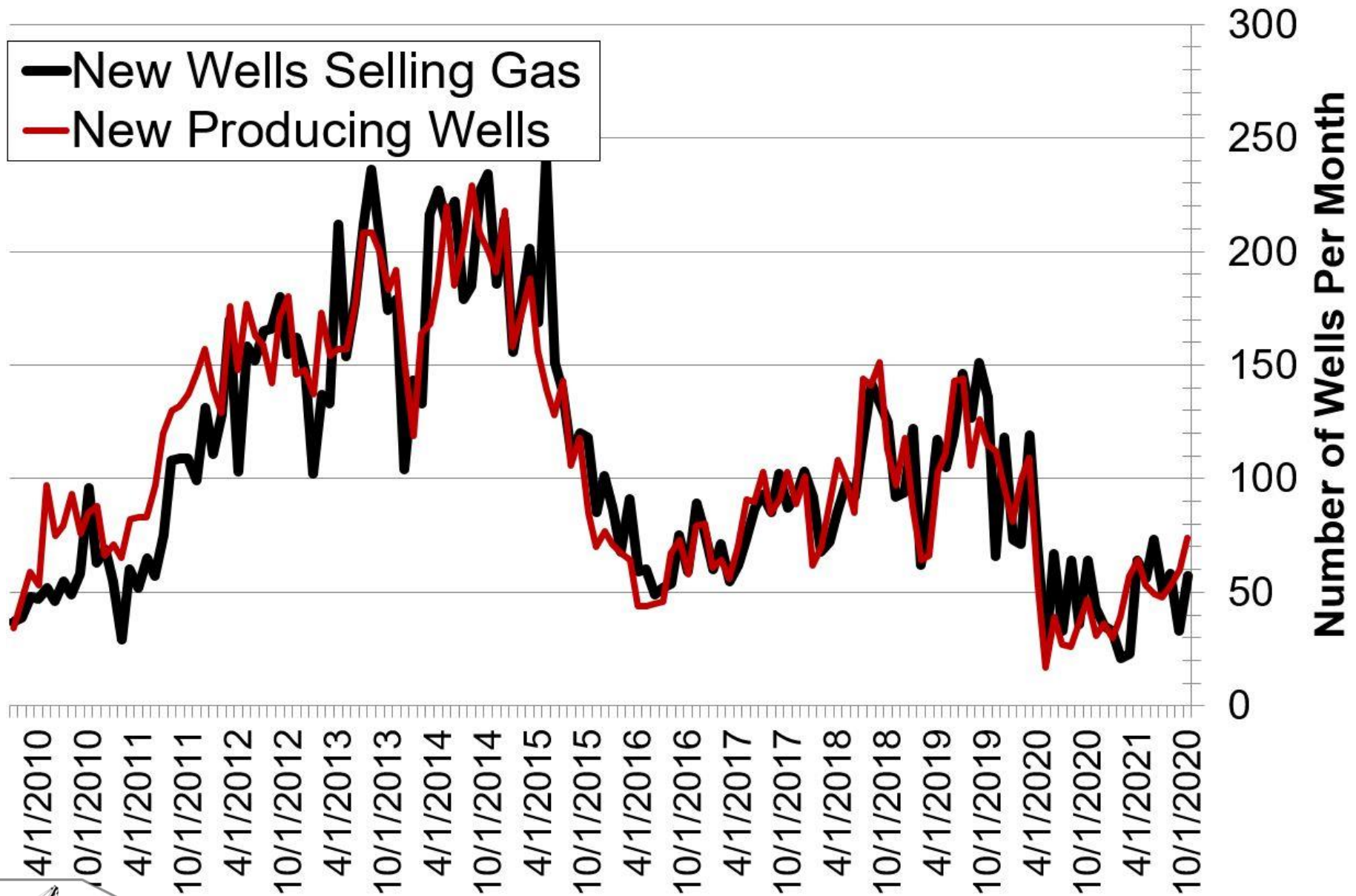


# Solving the Flaring Challenge

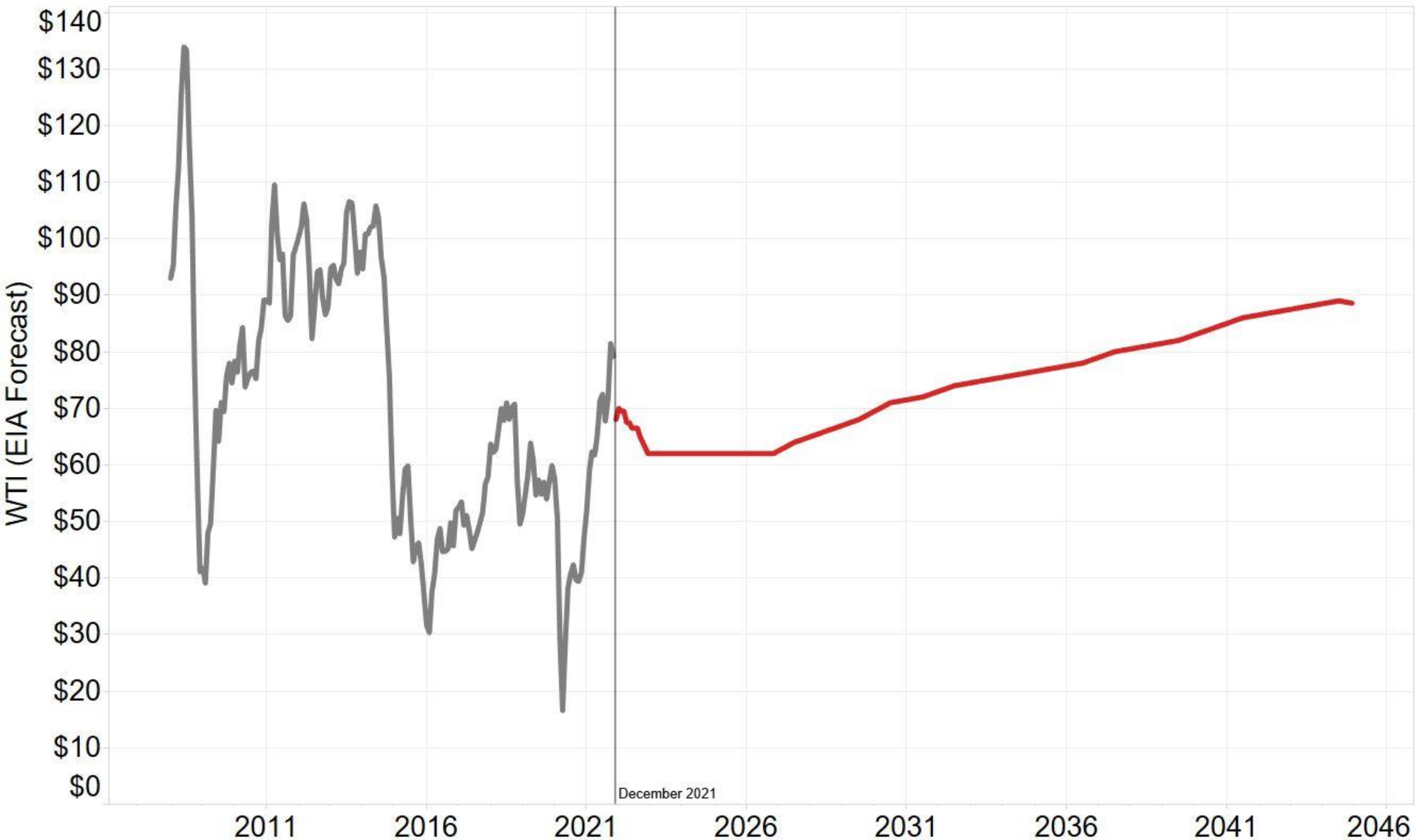




# Solving the Flaring Challenge



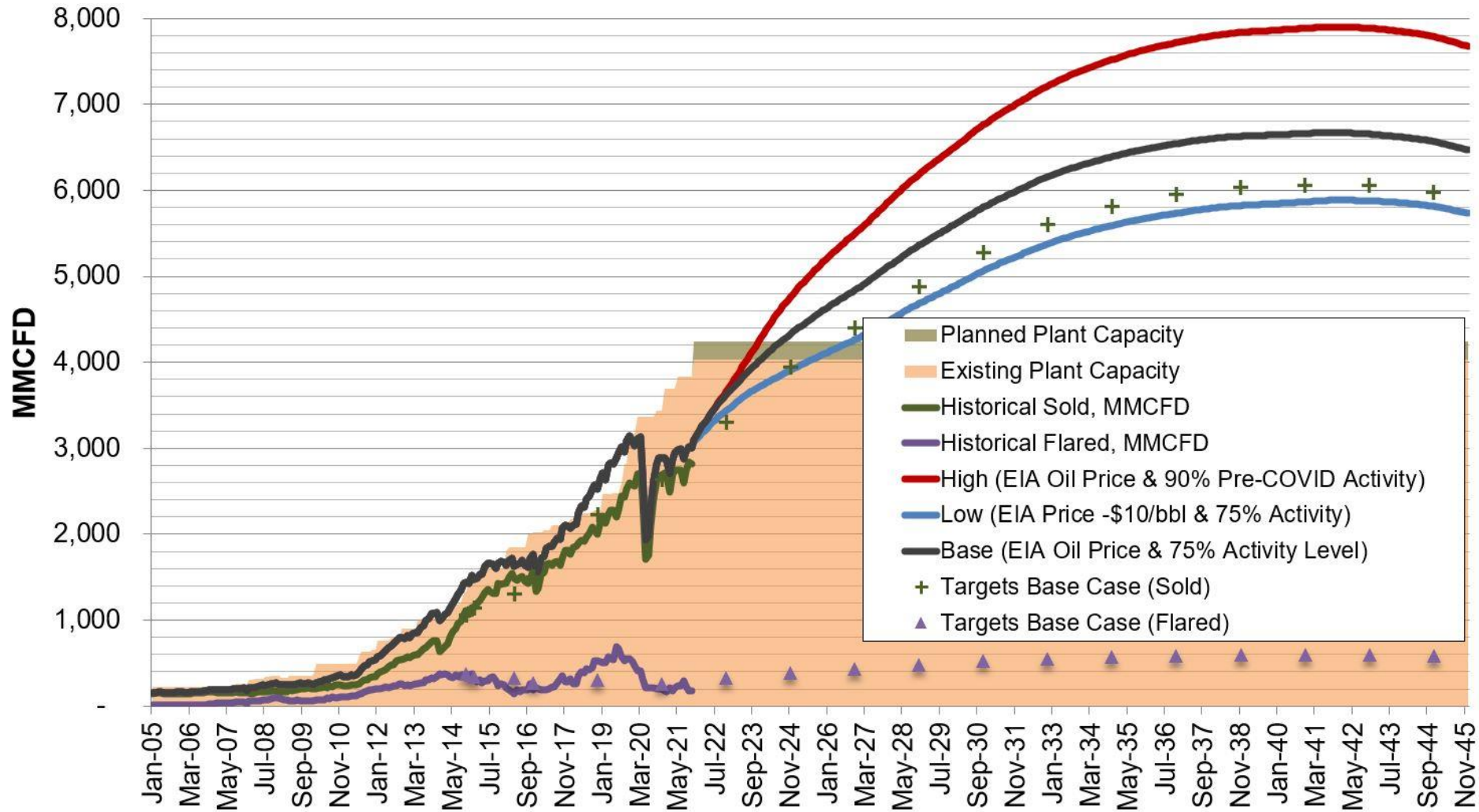
# EIA Oil Price Forecast\*



*\*EIA December 2021 SEO and February 2021 AEO Blend*

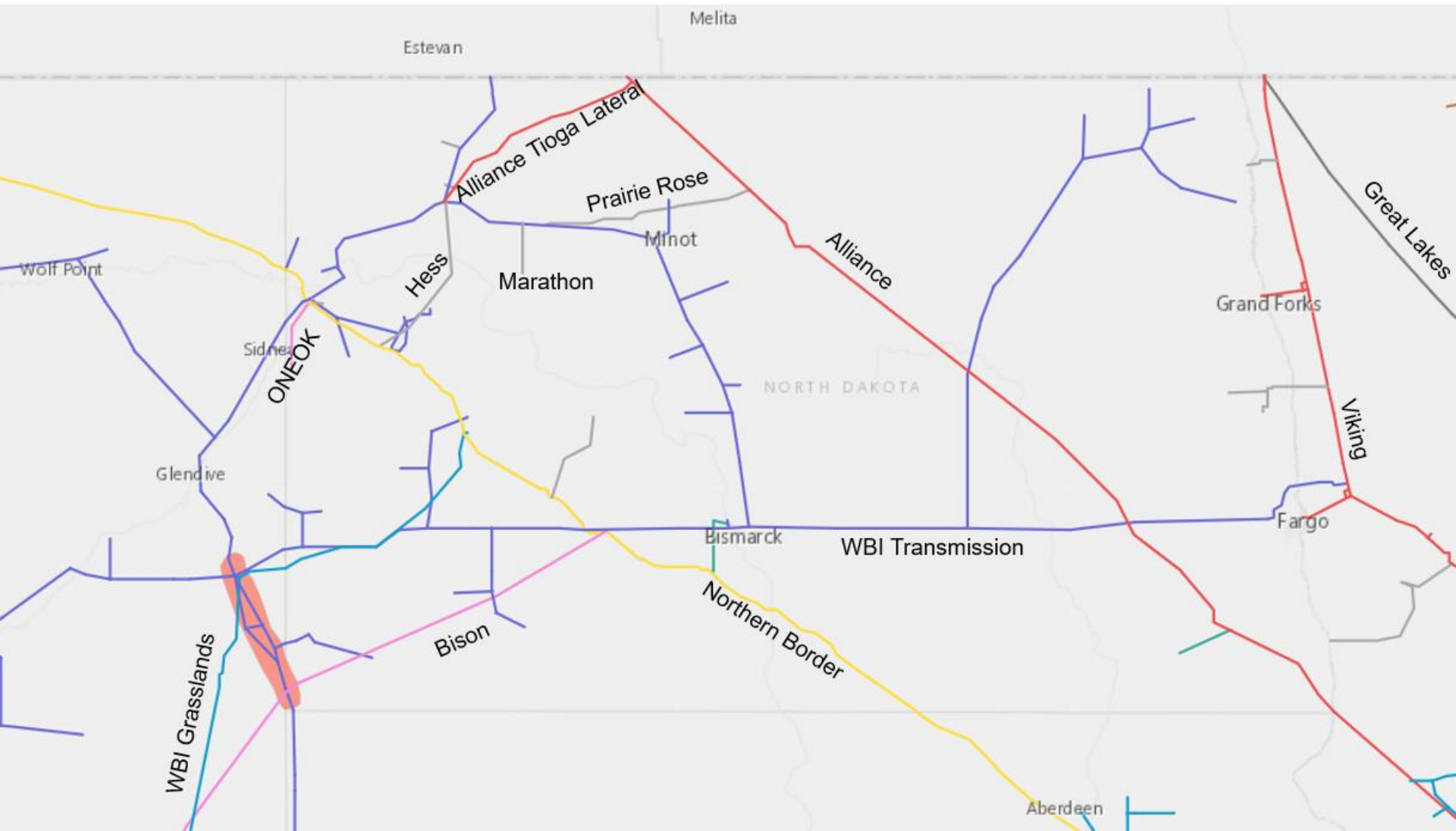


# Solving the Flaring Challenge

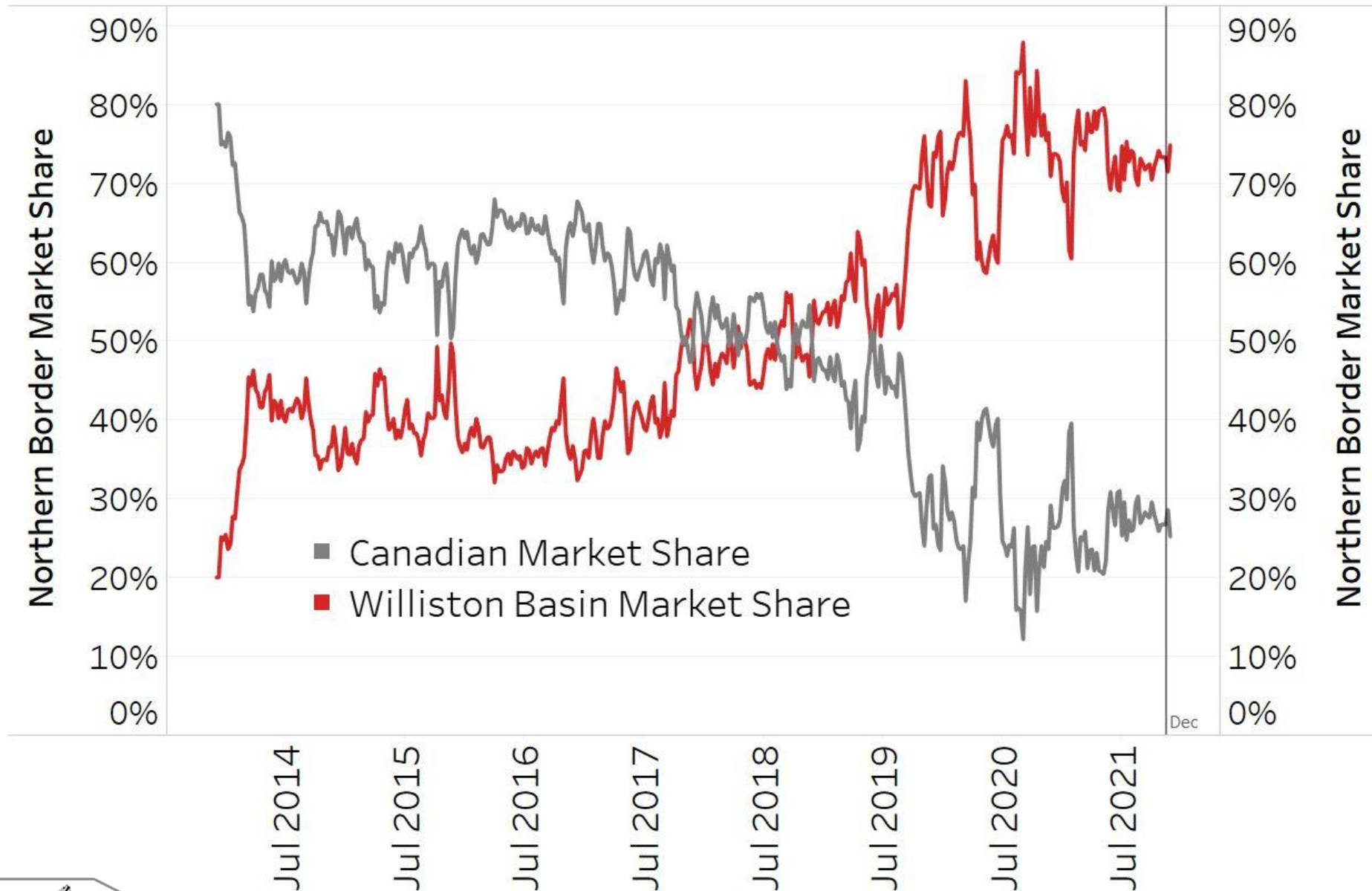




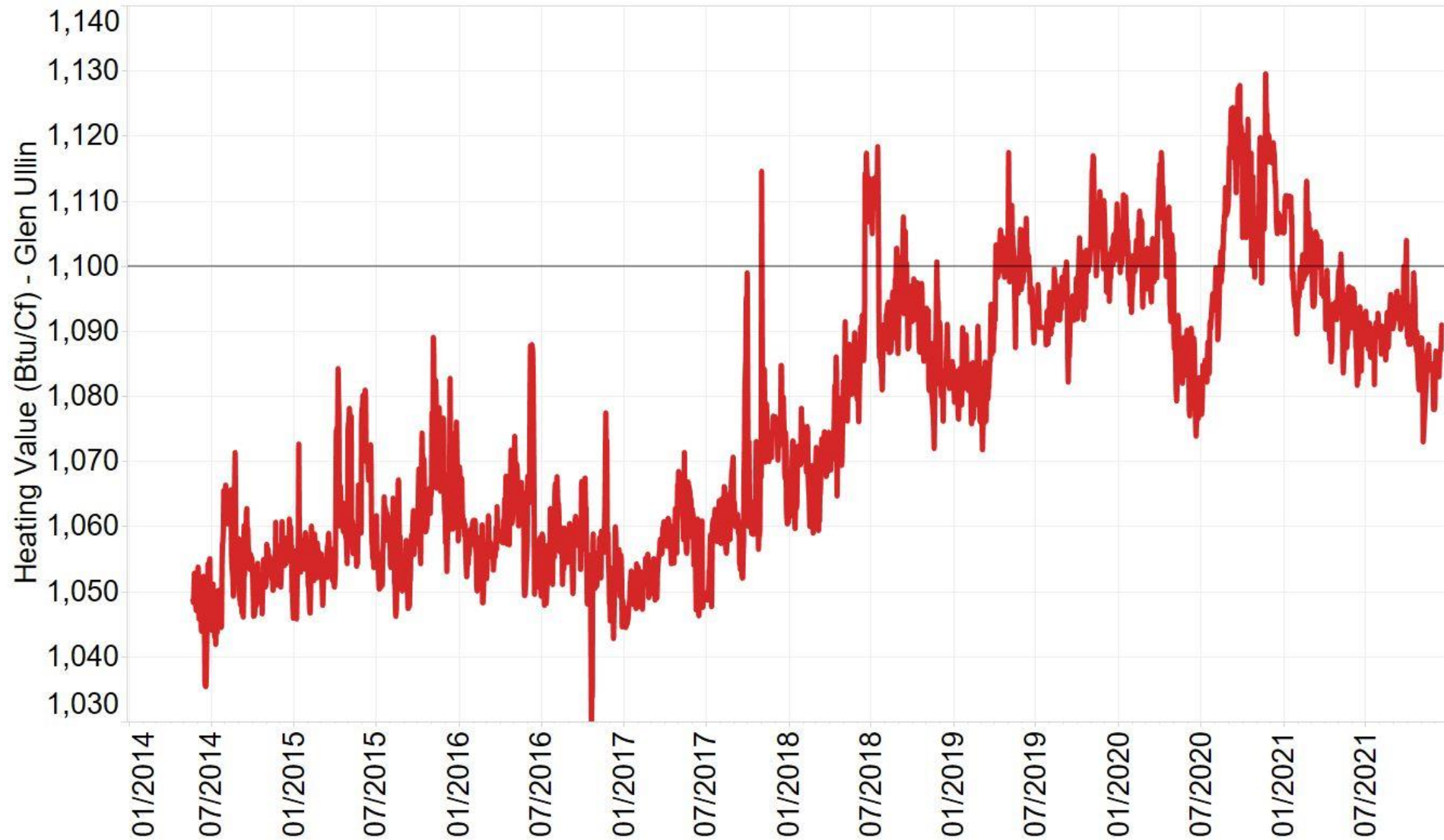
# Bakken Natural Gas Infrastructure



# 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.

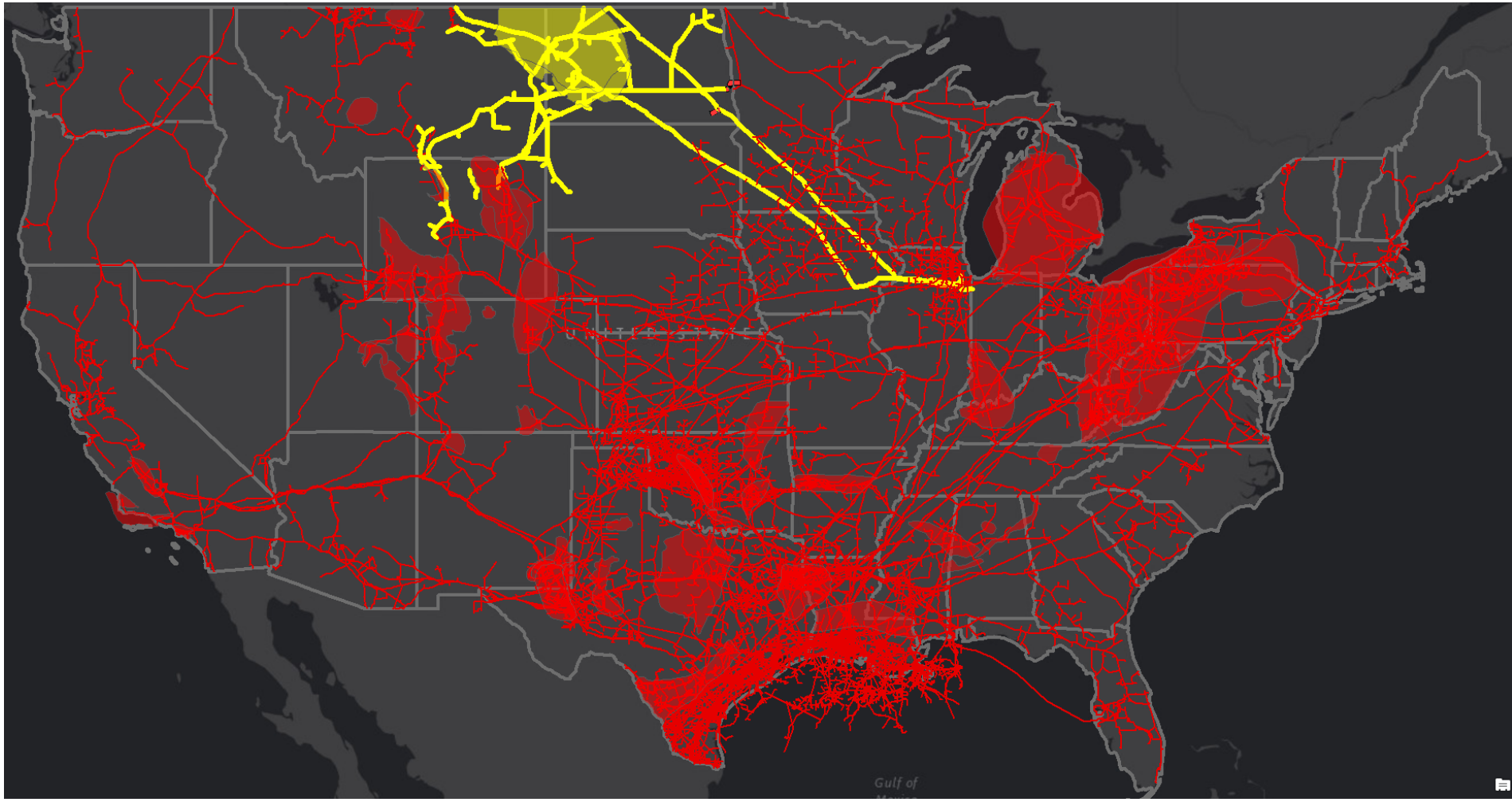
### Grant Round Application Deadlines:

- 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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