



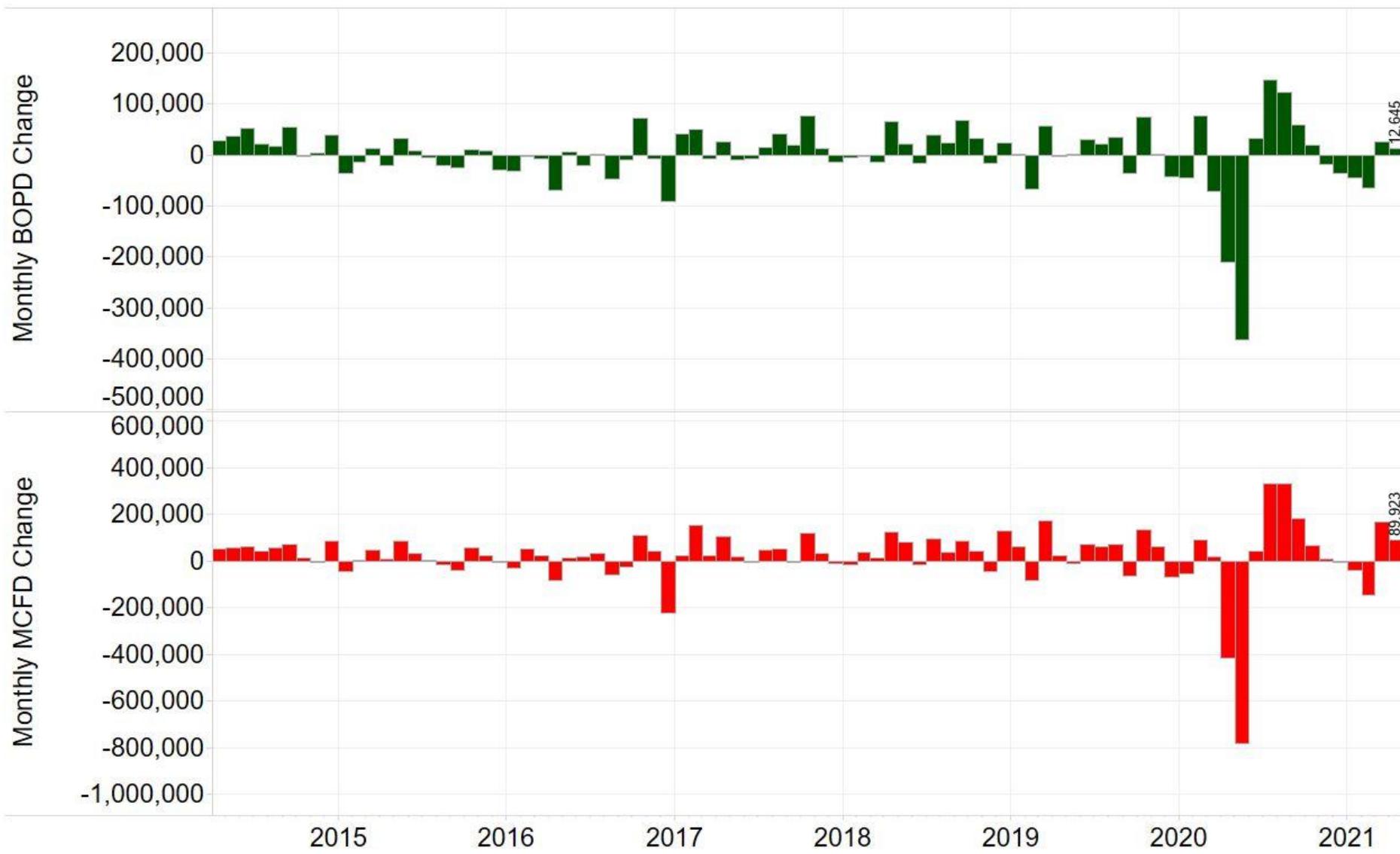
**June 2021 Monthly Update  
North Dakota Pipeline Authority  
Justin J. Kringstad  
June 14, 2021**

# US Williston Basin Oil Production - 2021

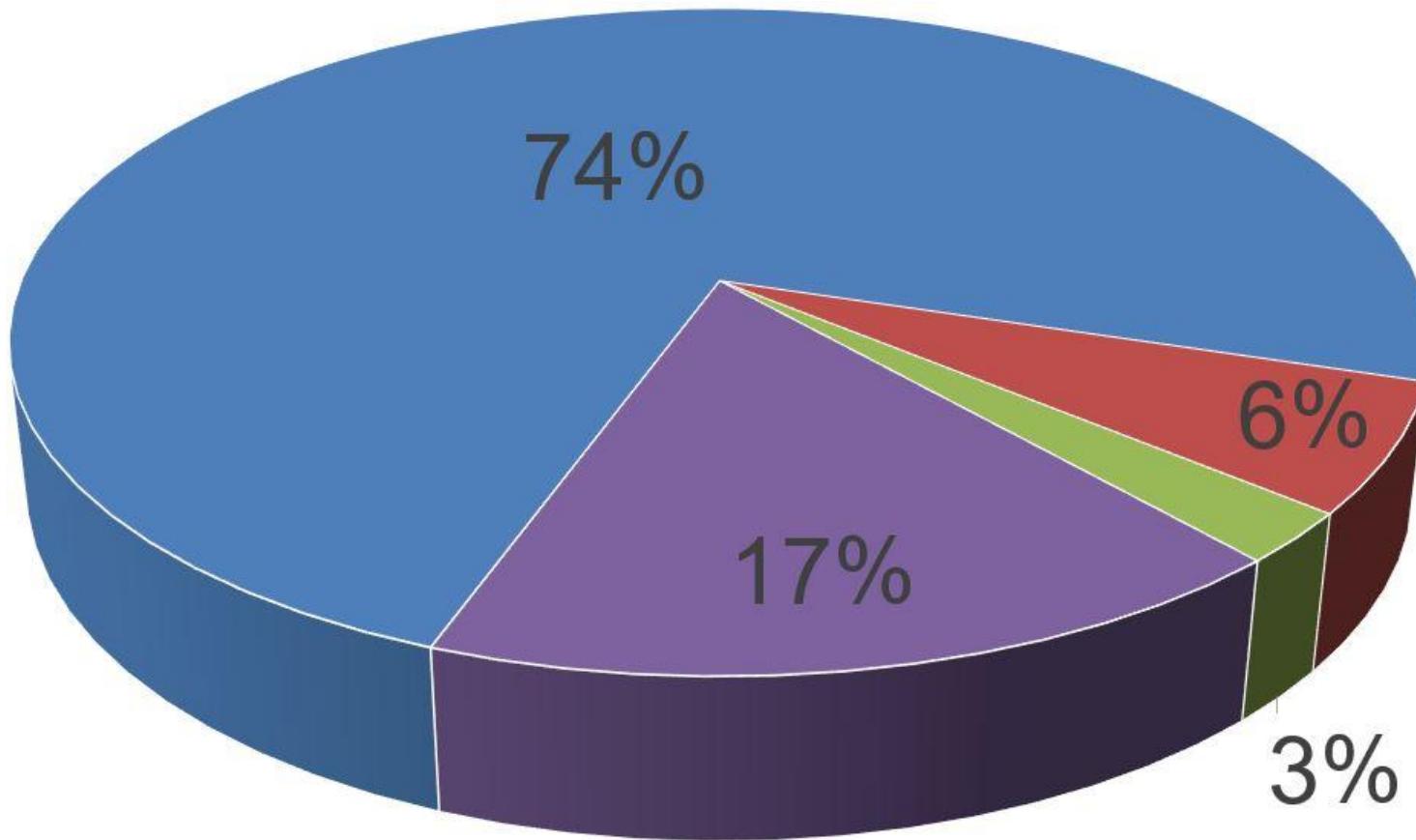
MONTH	ND	Eastern MT*	SD	TOTAL
January	1,147,375	50,115	2,874	1,200,364
February	1,083,557	47,771	2,829	1,134,157
March	1,108,906	48,233	2,744	1,159,883
April	1,121,551			
May				
June				
July				
August				
September				
October				
November				
December				



# North Dakota Monthly Production Change



# Estimated Williston Basin Oil Transportation



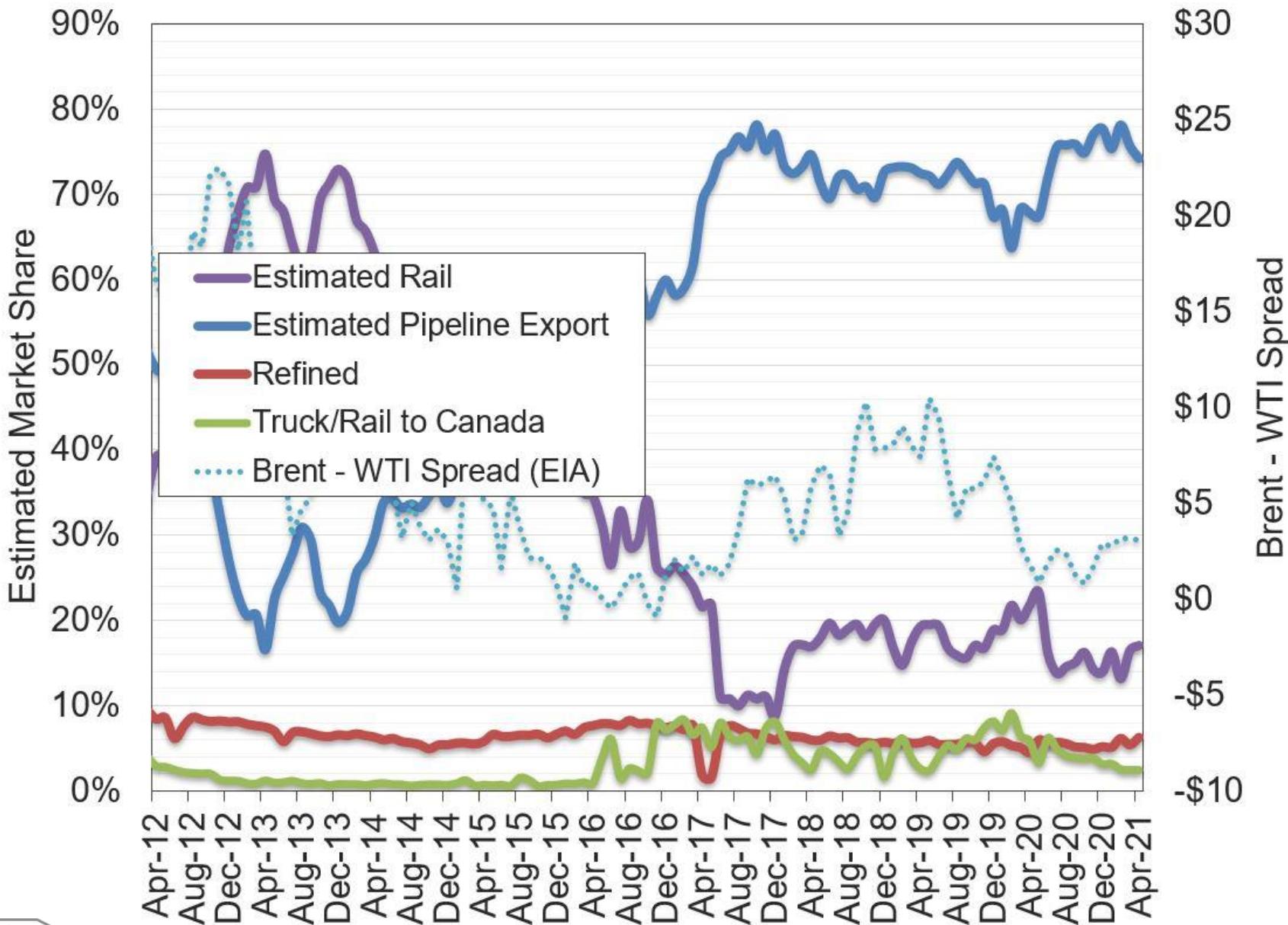
- Pipeline Export
- Truck/Rail to Canada

- Refined
- Estimated Rail

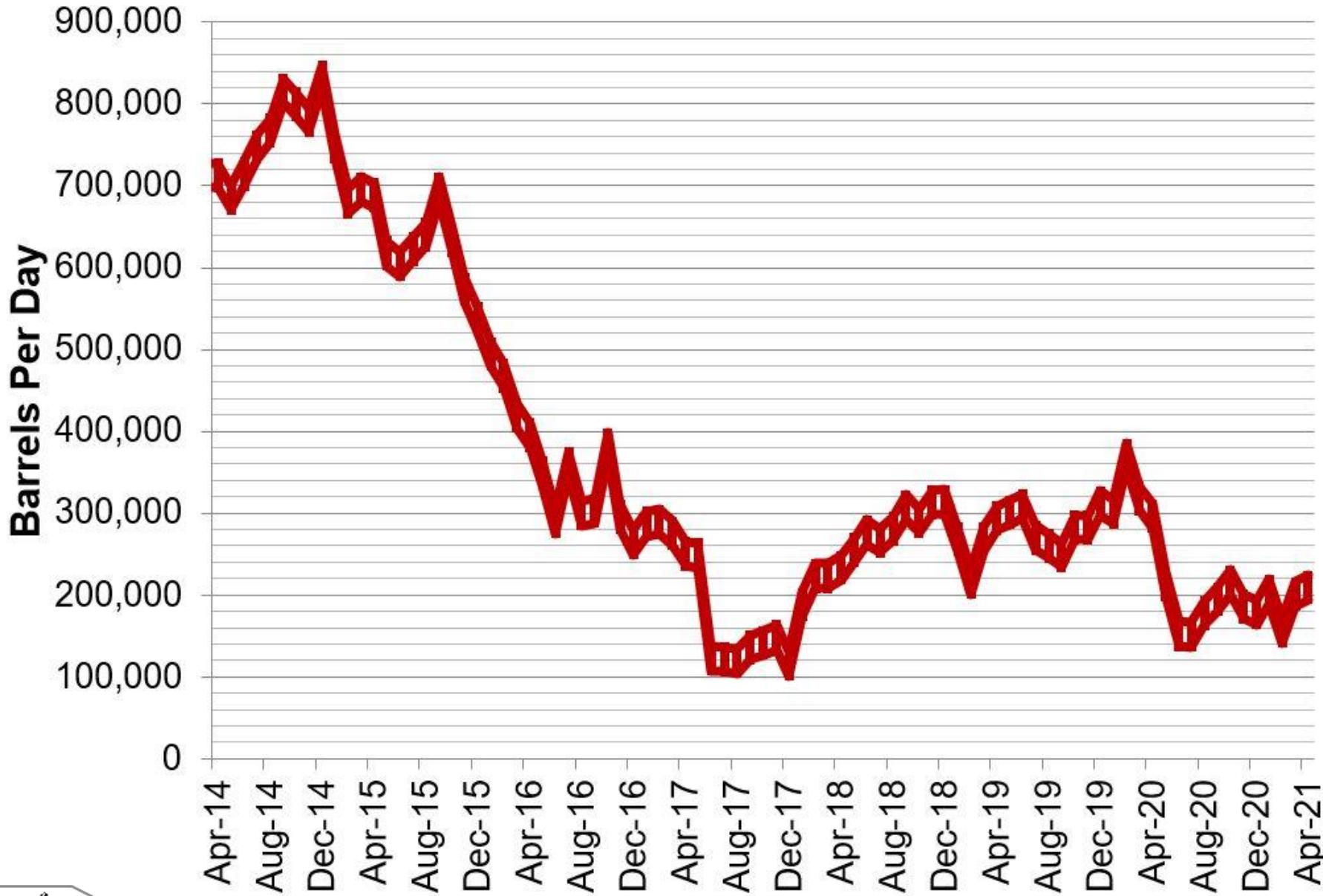
April 2021



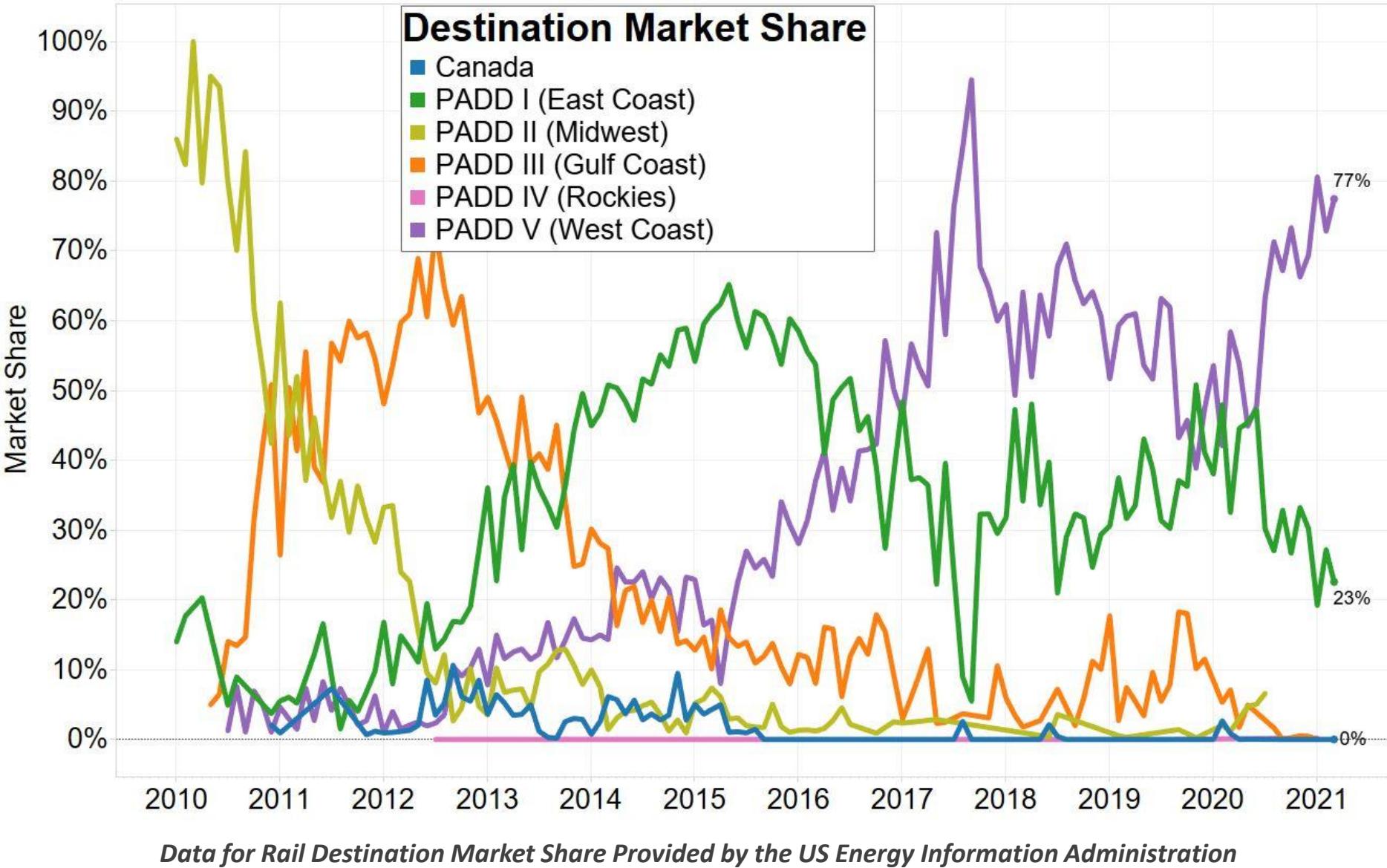
# Estimated Williston Basin Oil Transportation



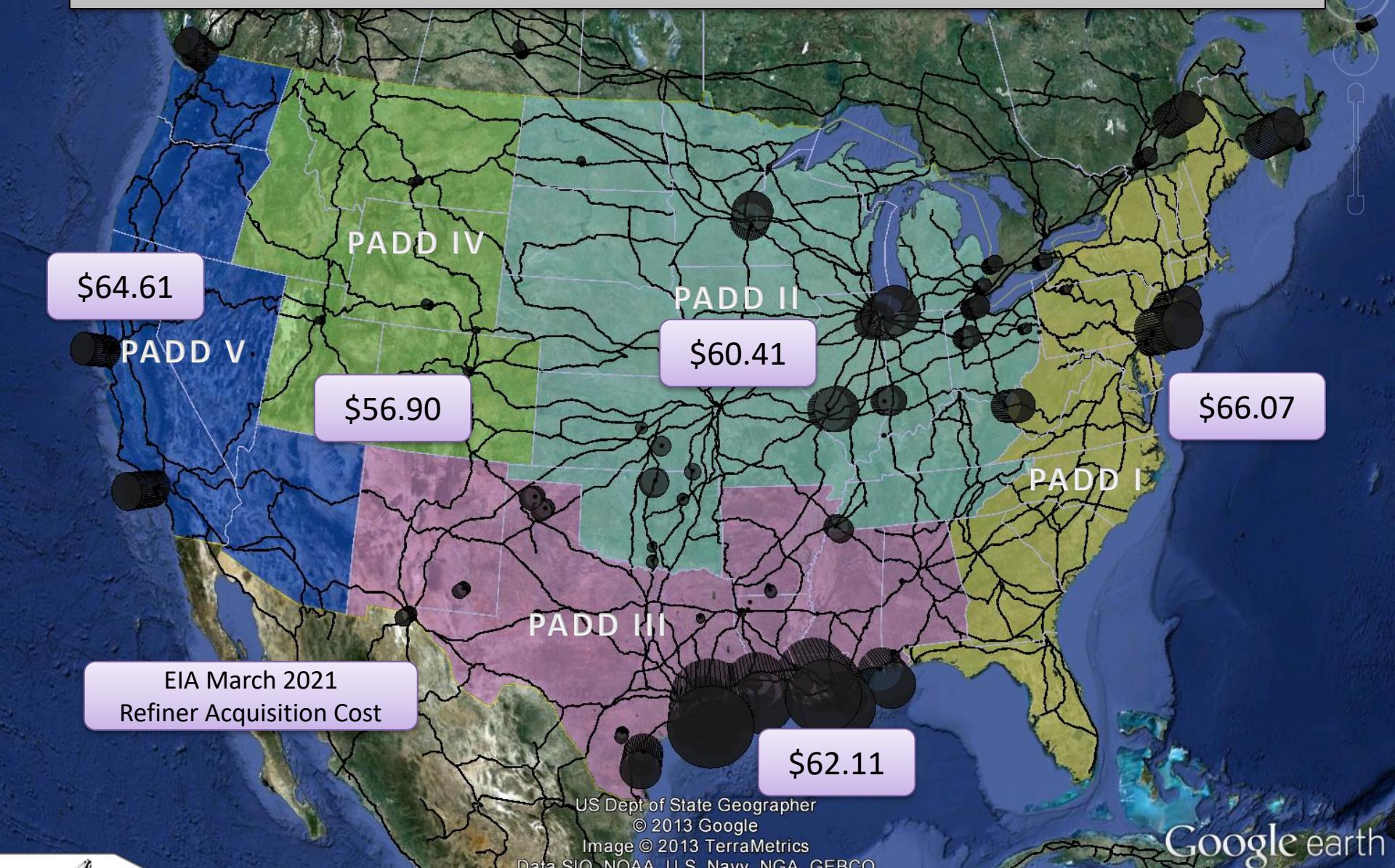
# Estimated ND Rail Export Volumes



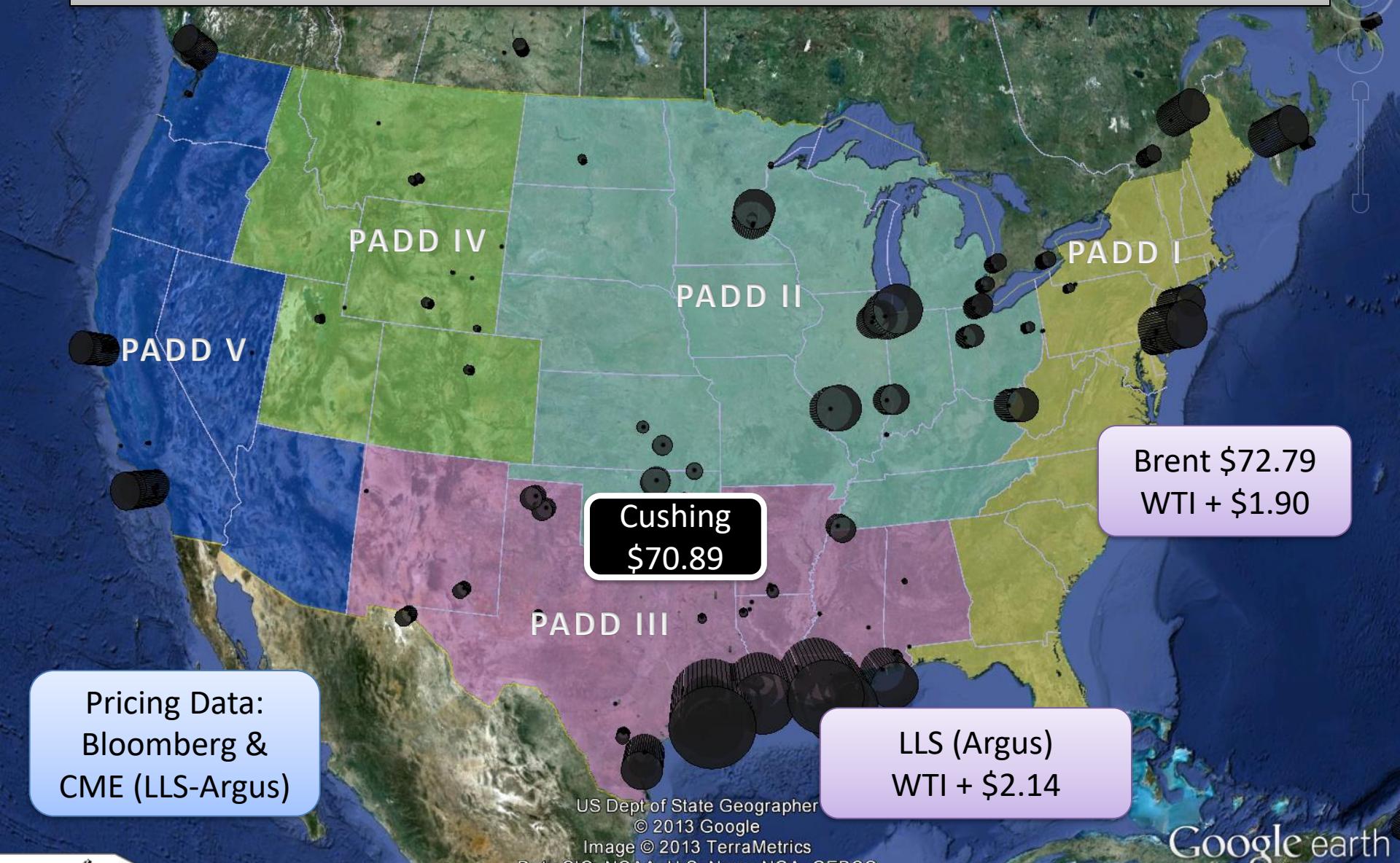
# Rail Destinations Market Share (Mar. 2021)



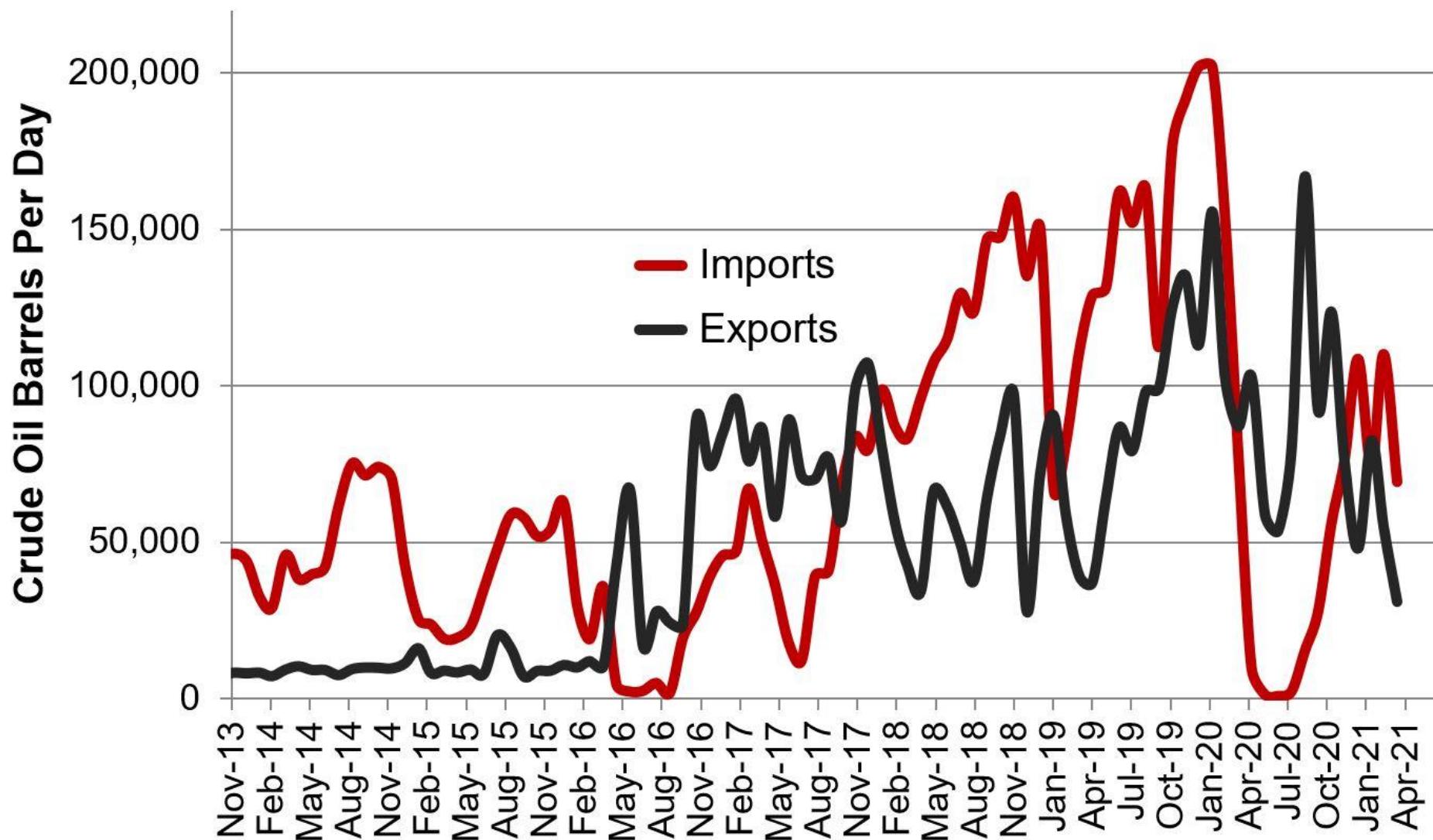
# Major Rail Lines and Refineries



# Crude Oil Prices – June 14, 2021



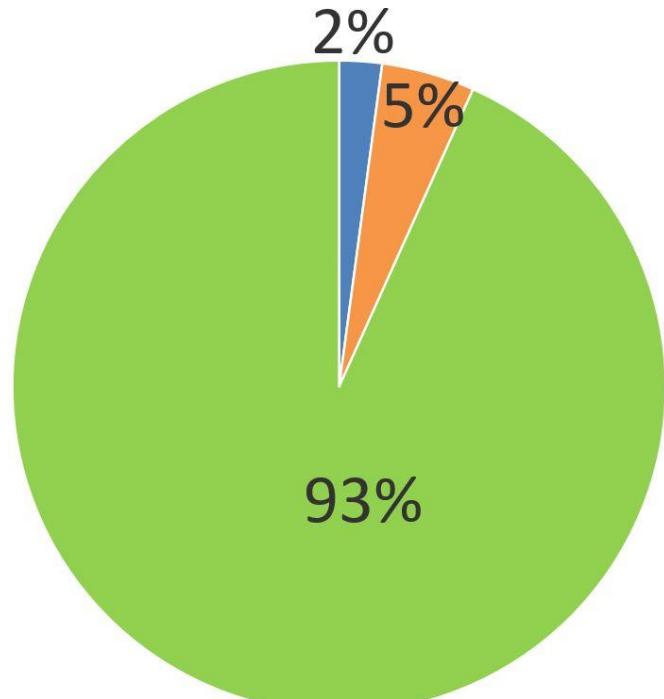
# Williston Basin Truck/Rail Imports and Exports with Canada



*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



**GREEN** – % of gas captured and sold  
**Blue** – % flared from zero sales wells  
**Orange** – % flared from wells with at least one mcf sold.

## Simple Terms

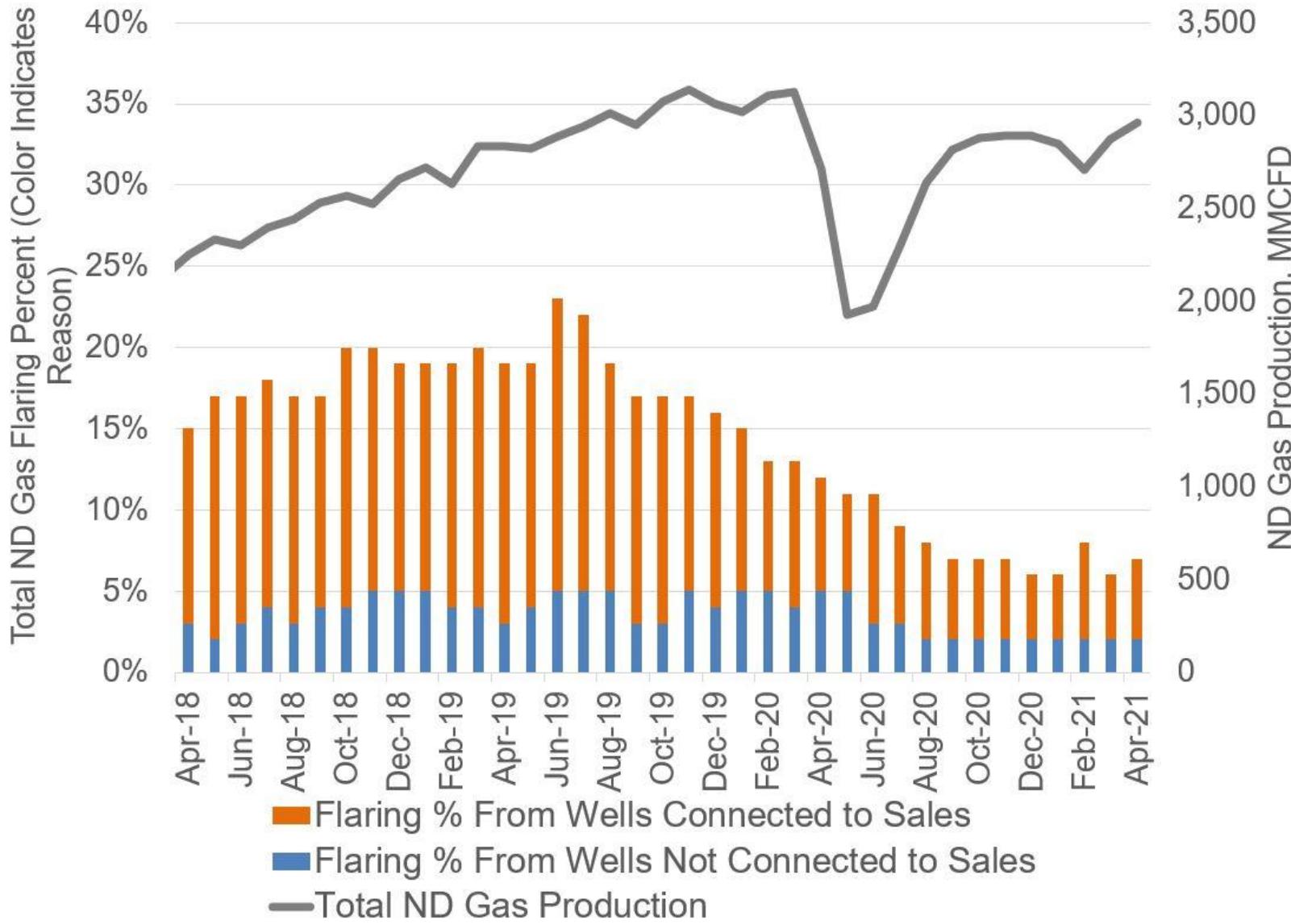
**Blue** – Lack of pipelines  
**Orange** – Challenges on existing infrastructure

Statewide

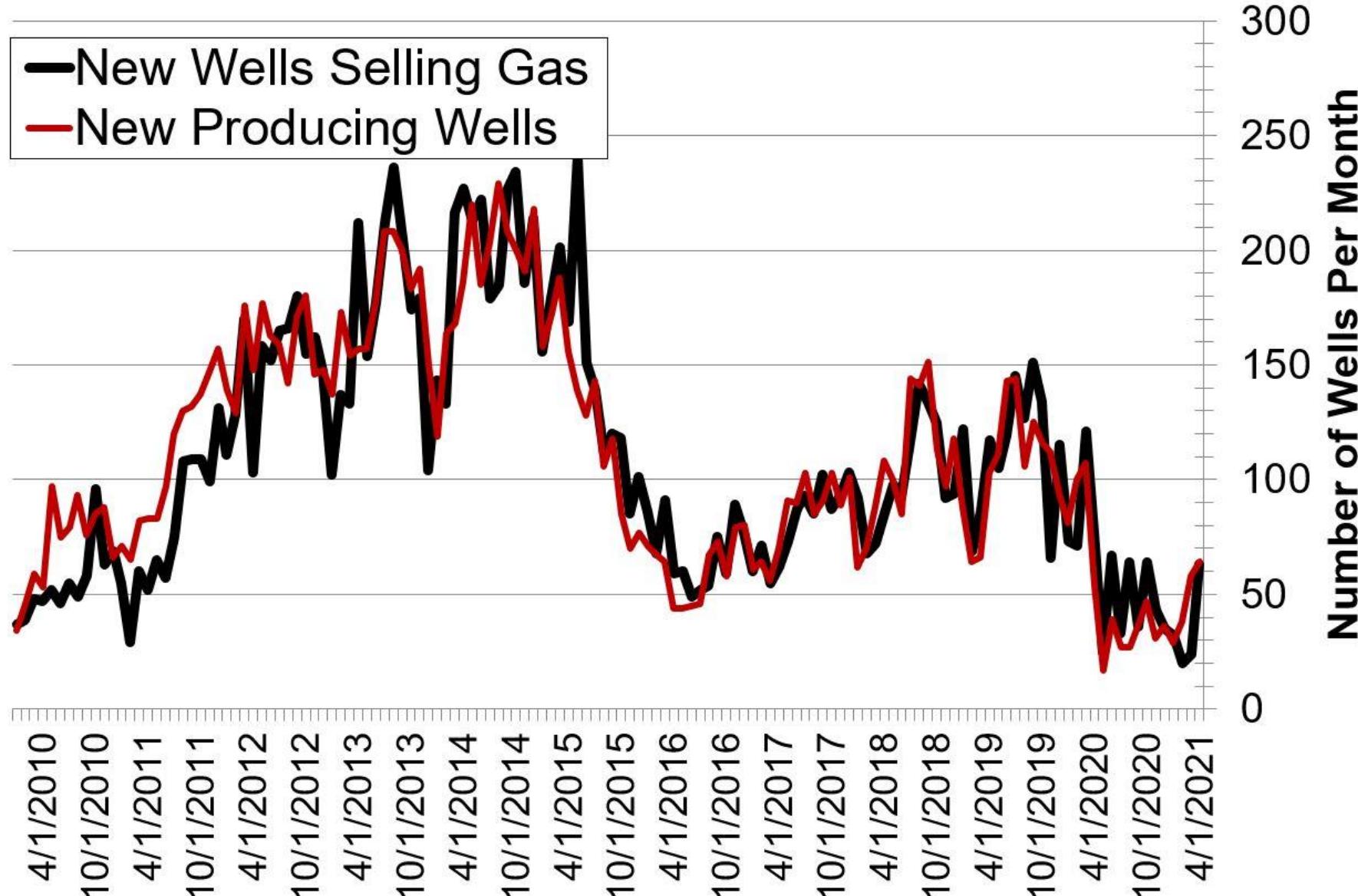
April 2021 Data – Non-Confidential Wells



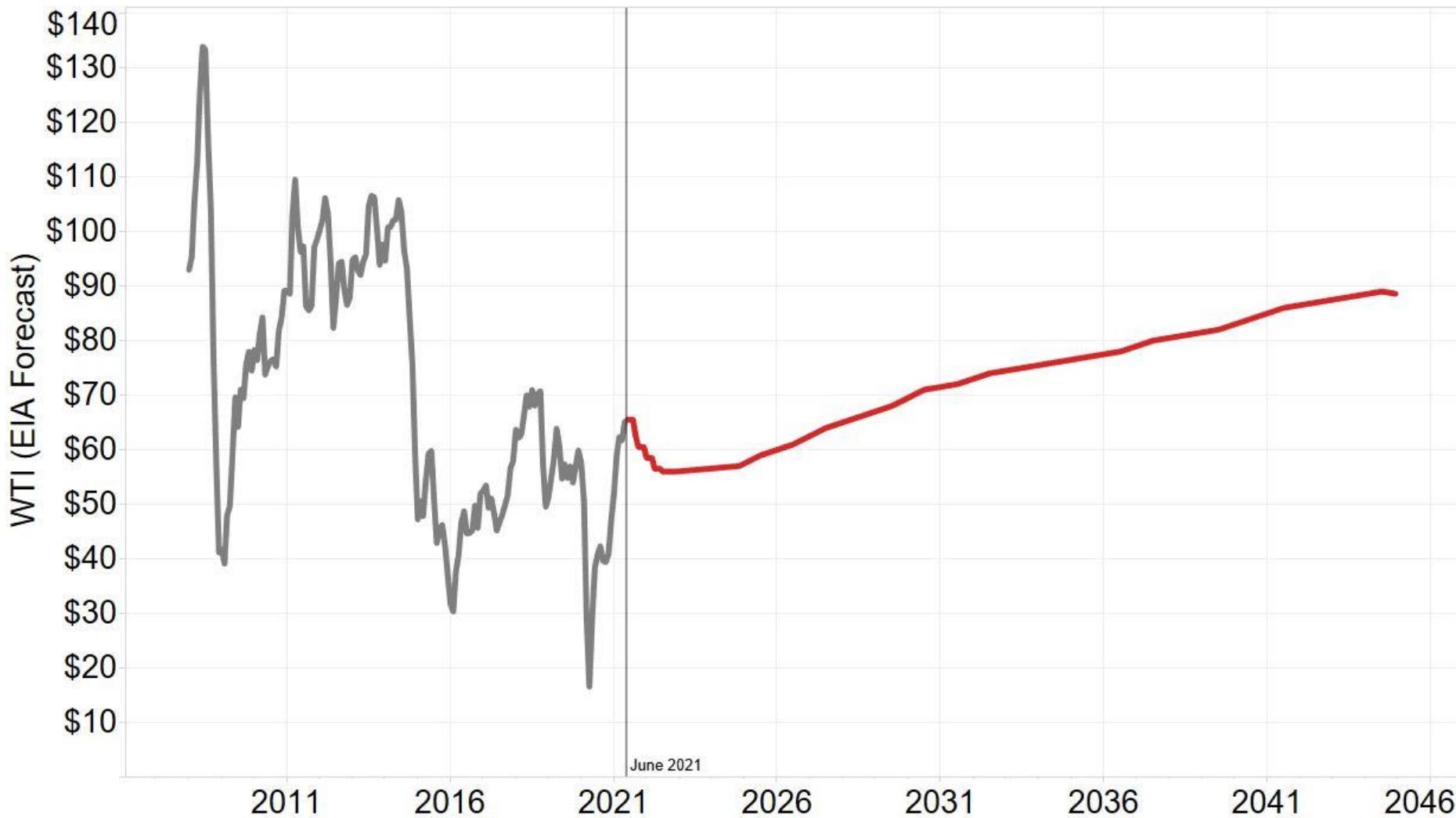
# Solving the Flaring Challenge



# Solving the Flaring Challenge



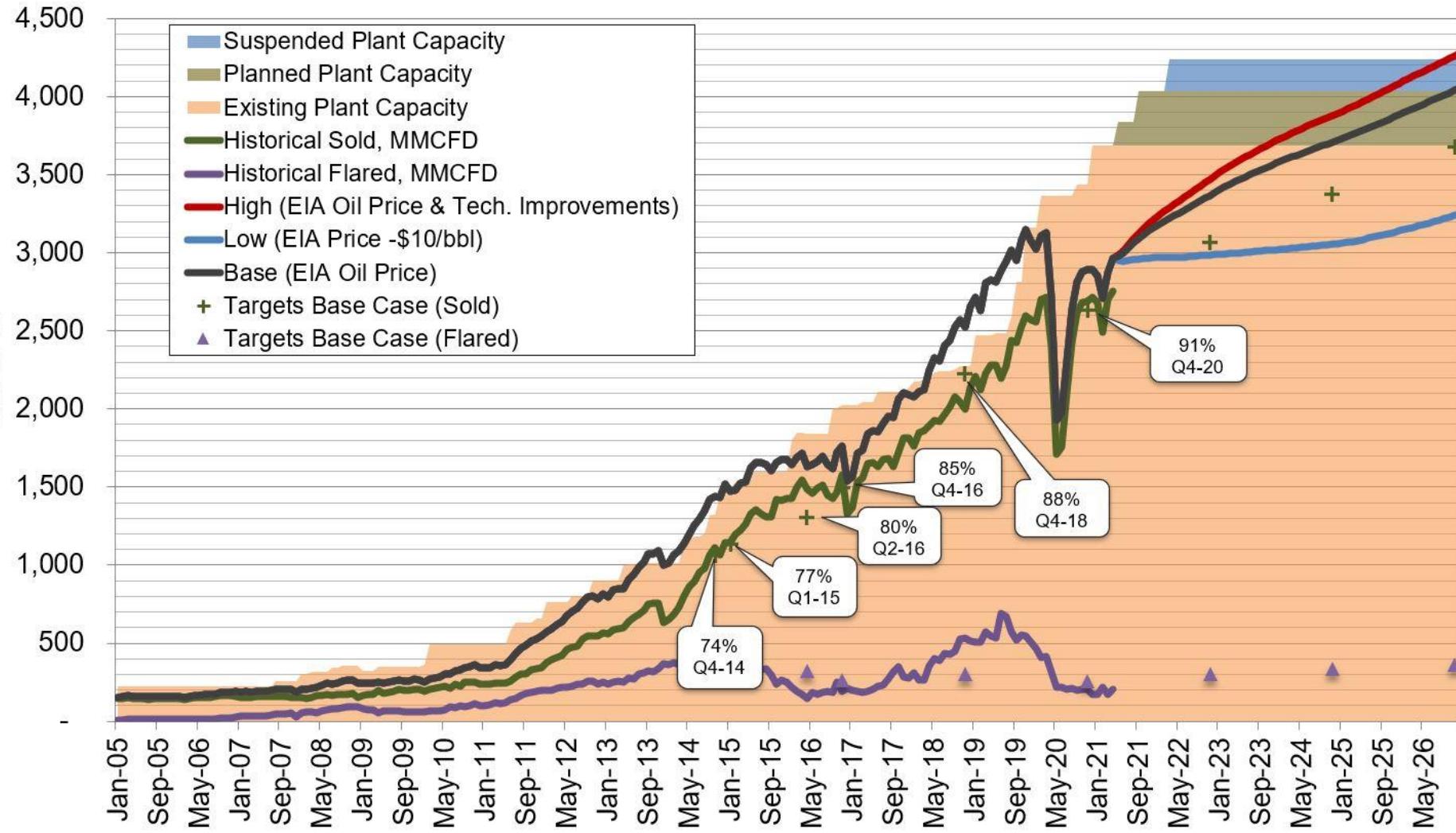
# EIA Oil Price Forecast\*



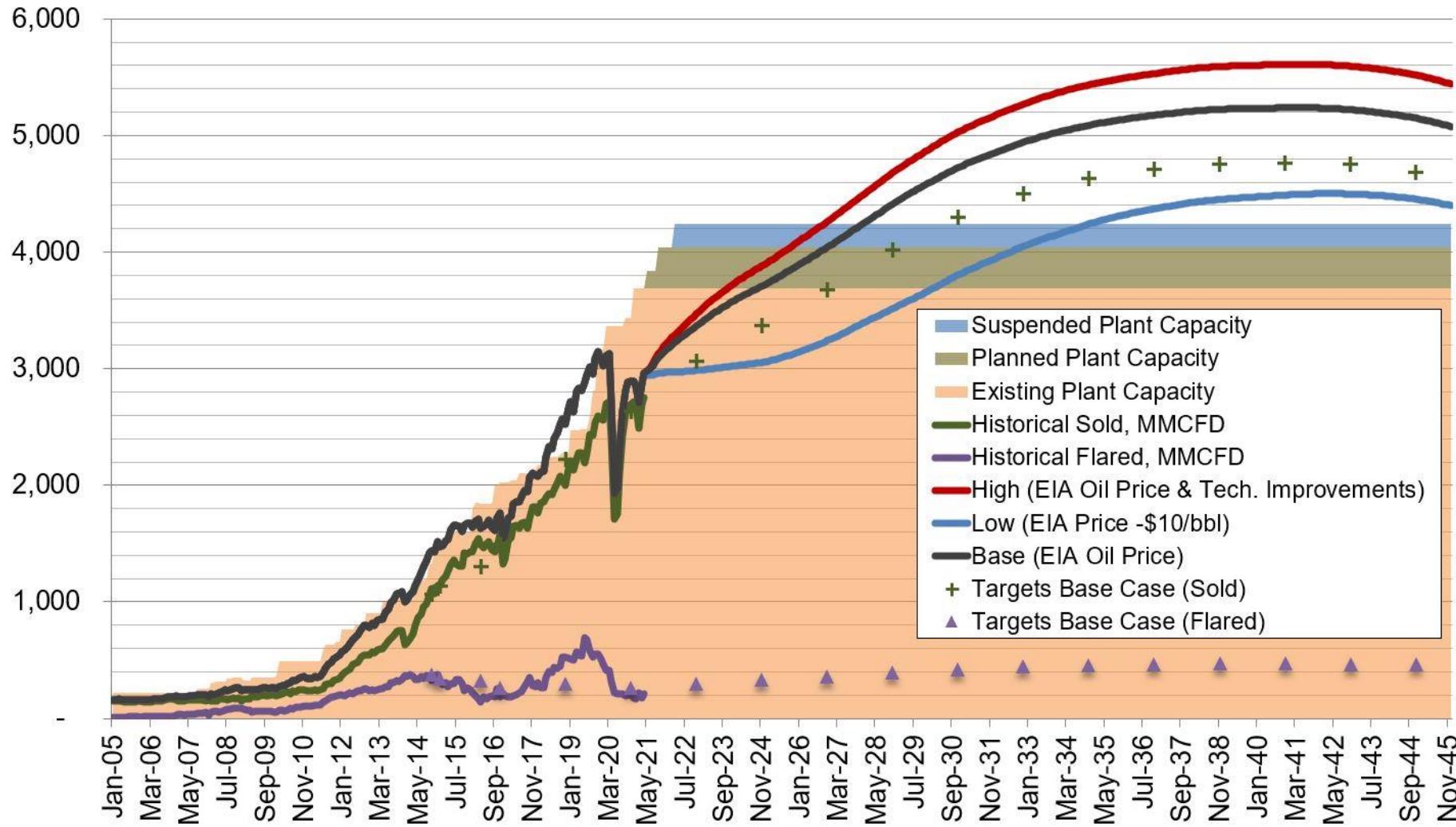
\*EIA May 2021 SEO and February 2021 AEO Blend



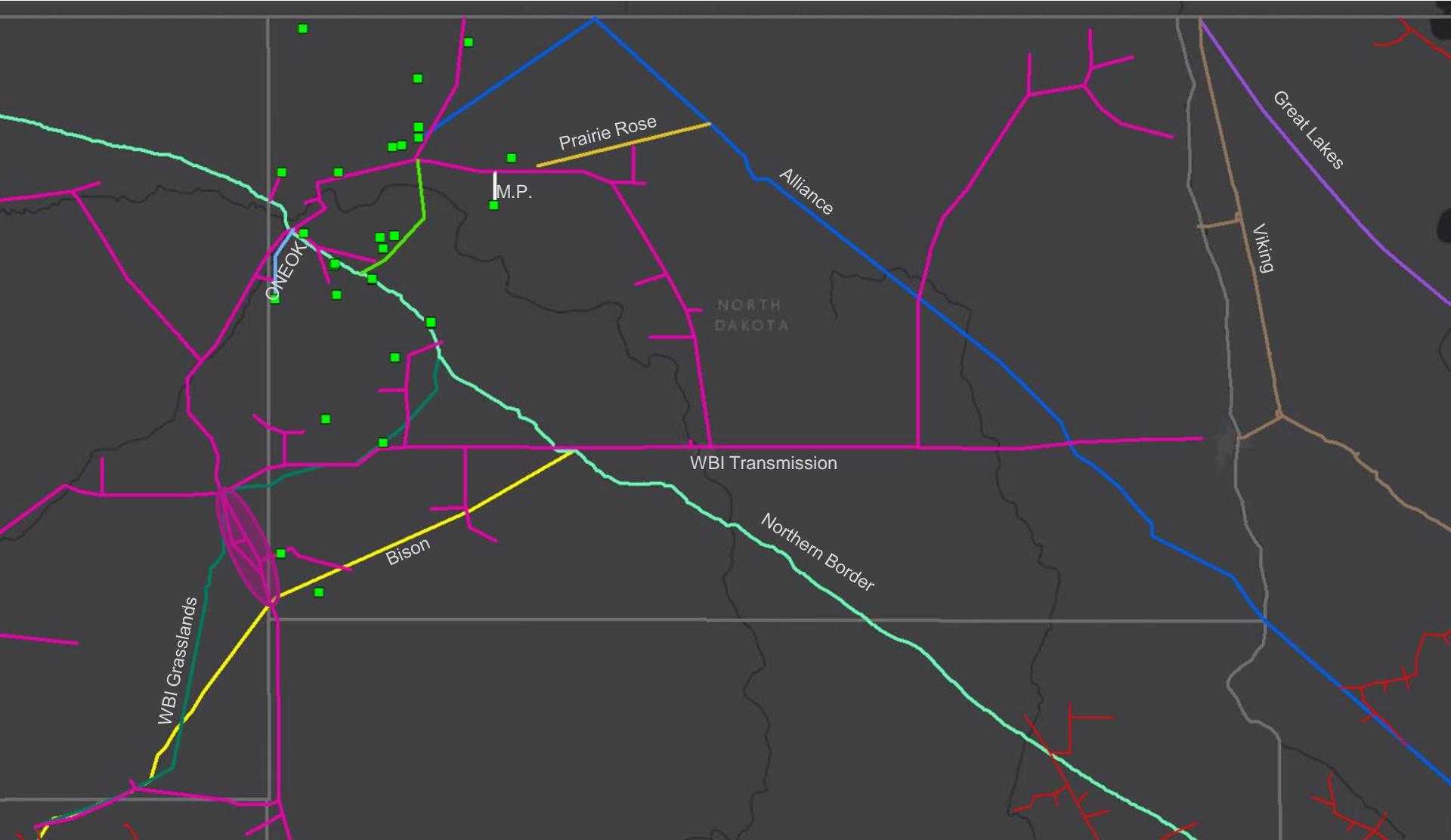
# Solving the Flaring Challenge



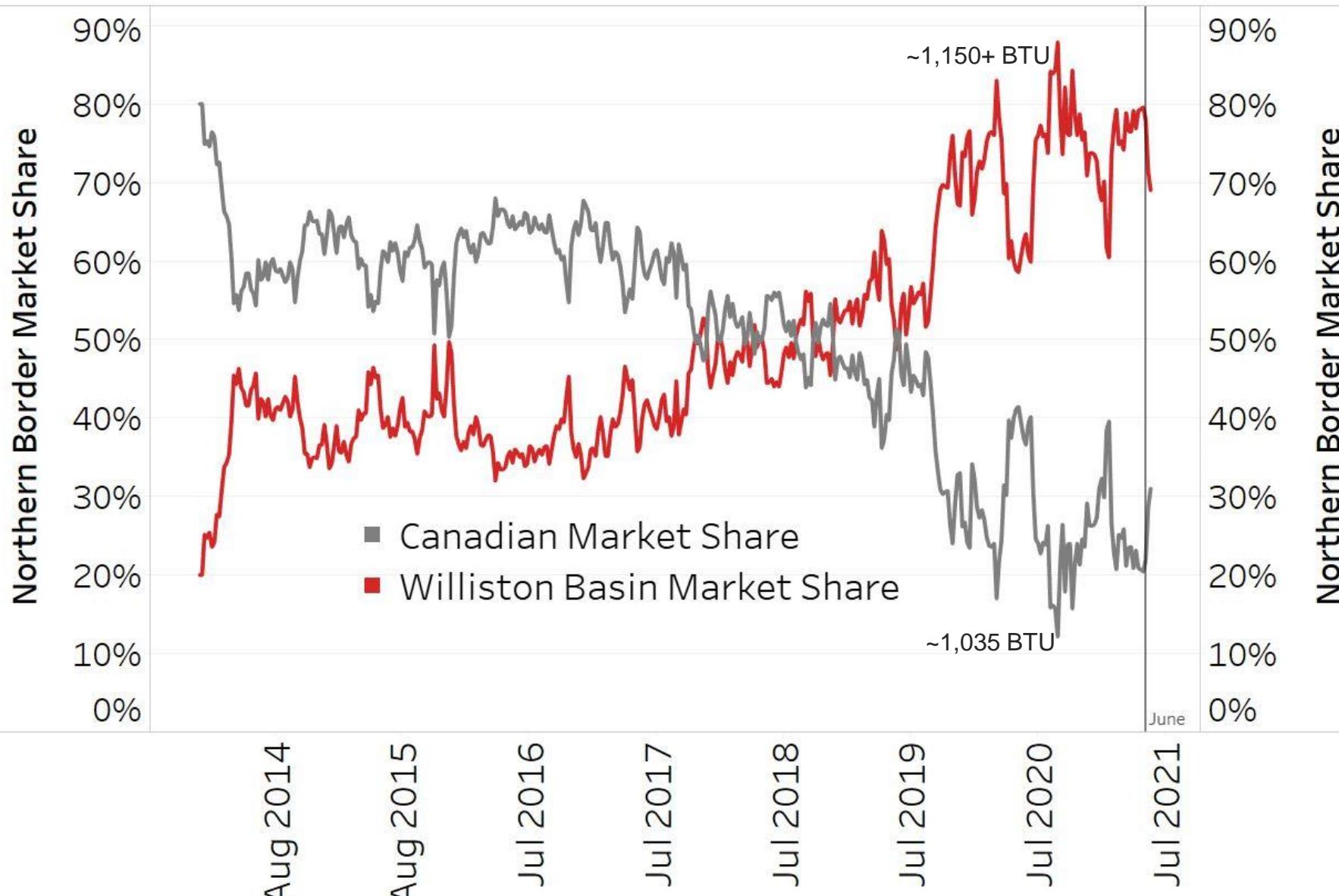
# Solving the Flaring Challenge



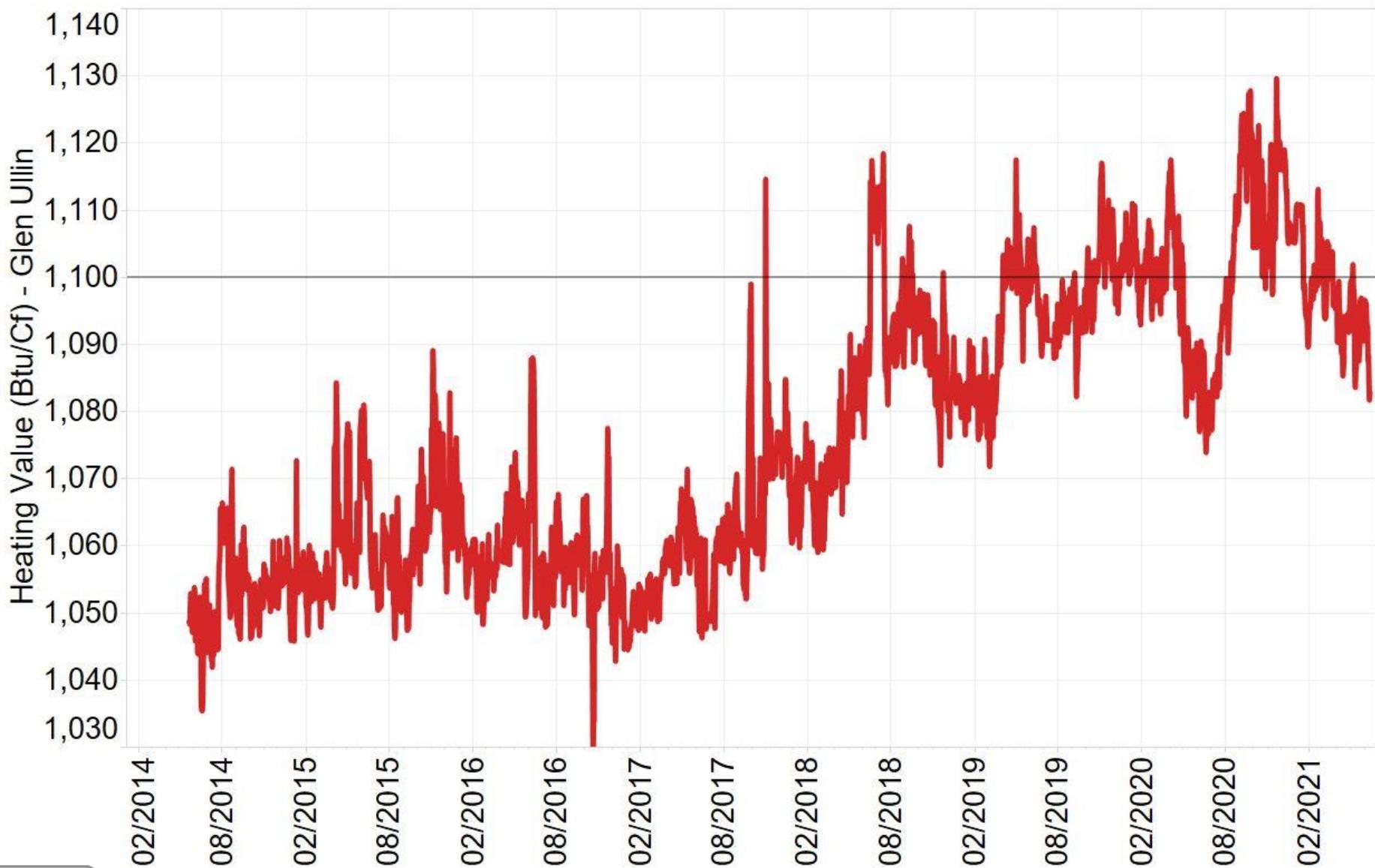
# Major Gas Pipeline and Processing Infrastructure



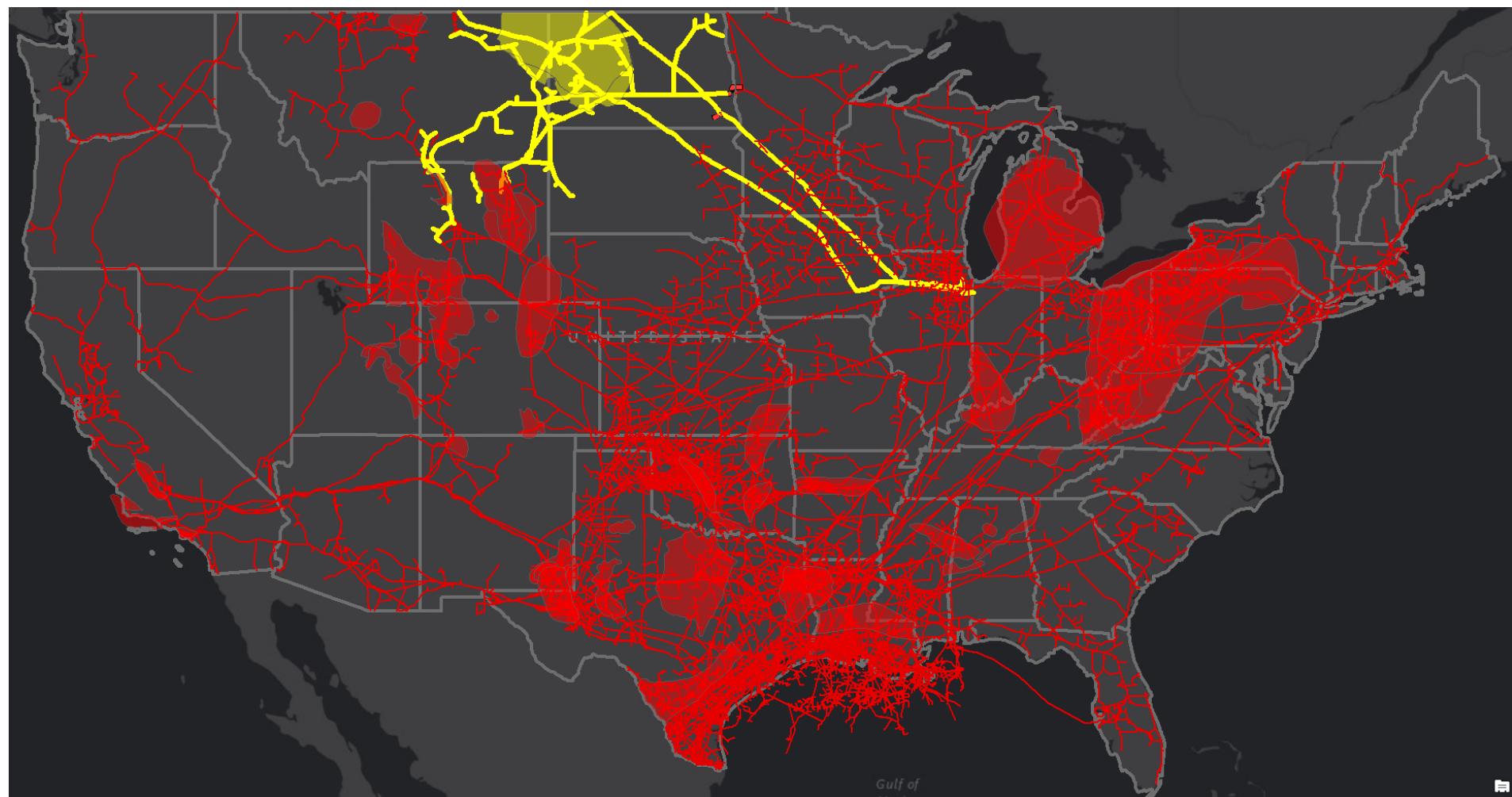
# Northern Border Pipeline Market Share



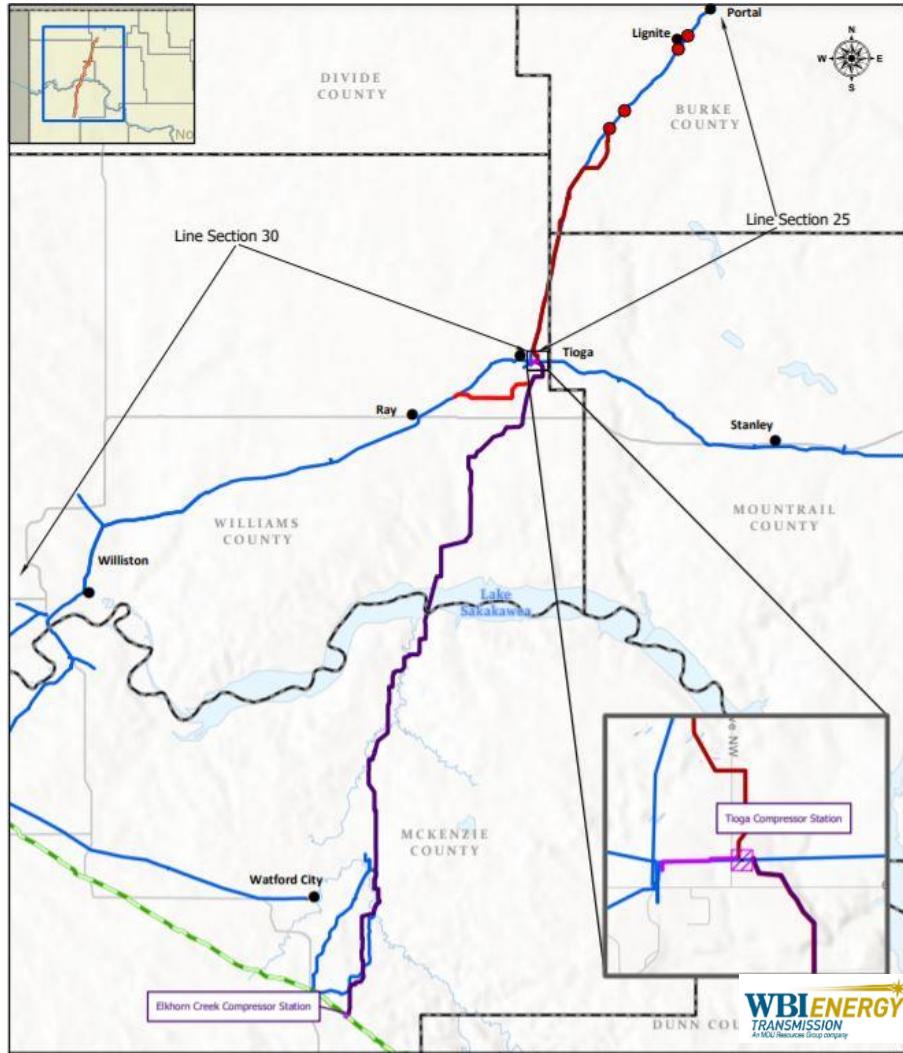
# Northern Border BTU at Glen Ullin, ND



# Bakken Natural Gas Infrastructure



# WBI Energy Transmission North Bakken Expansion Project

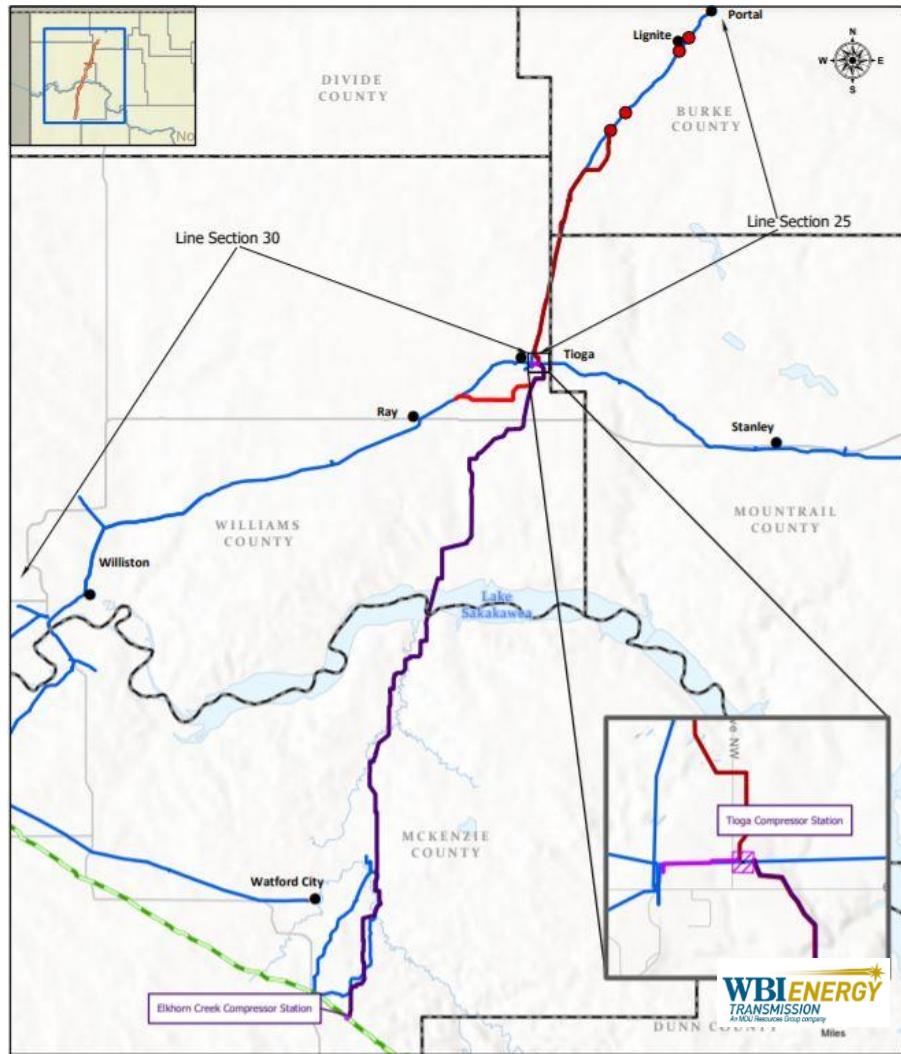


## Project Highlights

- ~62 Miles - 24" Pipeline
- ~20 Miles - 12" Pipeline
- ~\$260 Million
- Preliminary Capacity 250,000 MCFD
- Expandable to 375,000+ MCFD
- Q4 2021 Proposed Completion
- Residue Gas Service From North of Lake Sakakawea to Northern Border Pipeline in McKenzie County



# Potential North Dakota Oil Tax Impact



## 250,000 MCFD Calculation

- = 137,360 BOPD at 2 GOR, 0.7 tailgate/inlet factor, and meeting gas capture targets
- Assume \$54 wellhead oil price and 9.6% avg. tax rate
- = \$1,017,000+ per day

~\$30.9 million per month



# 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](http://www.pipeline.nd.gov)

[www.northdakotapipelines.com](http://www.northdakotapipelines.com)

