



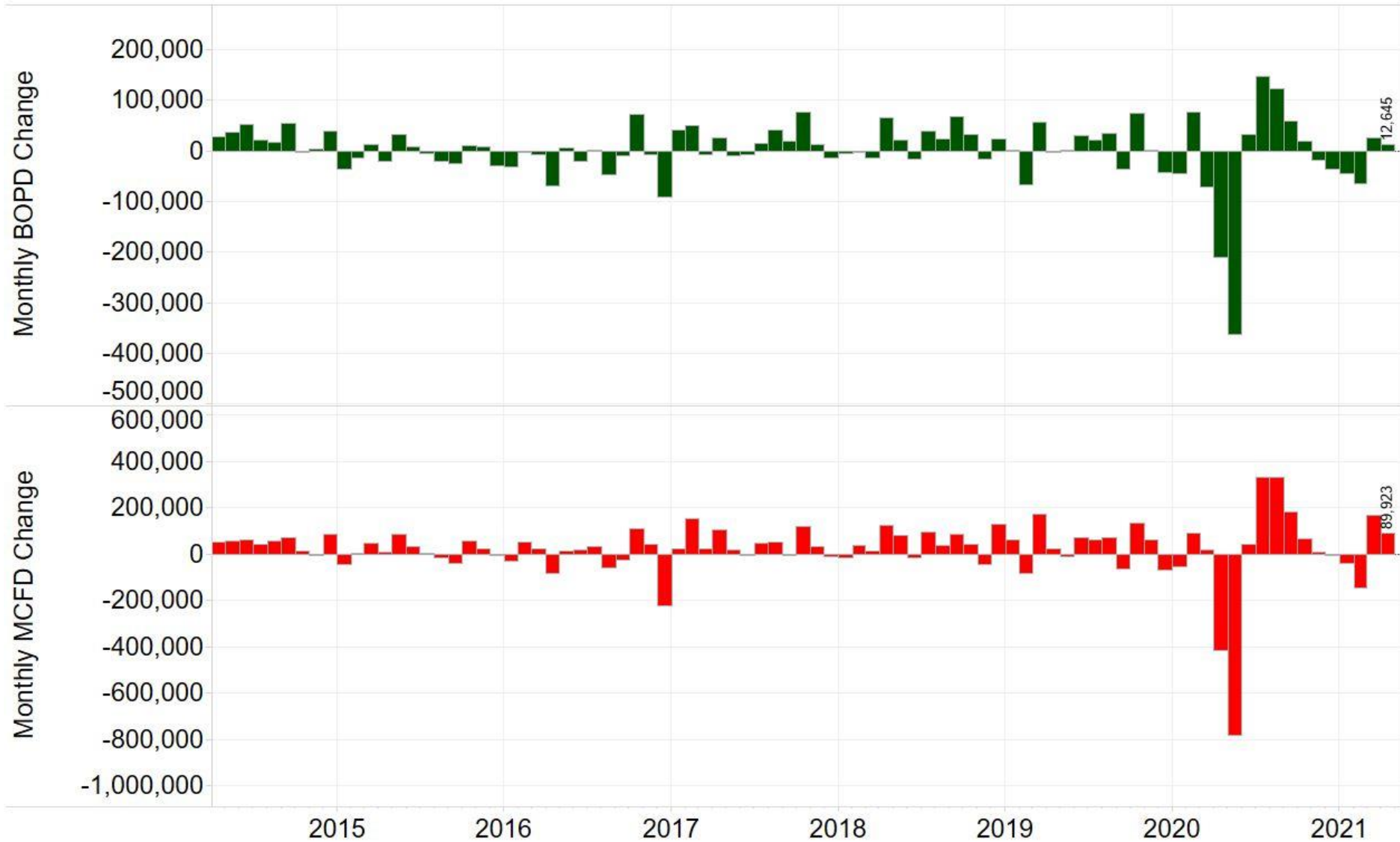
June 2021 Monthly Update  
North Dakota Pipeline Authority  
Justin J. Kringstad  
June 14, 2021

# US Williston Basin Oil Production - 2021

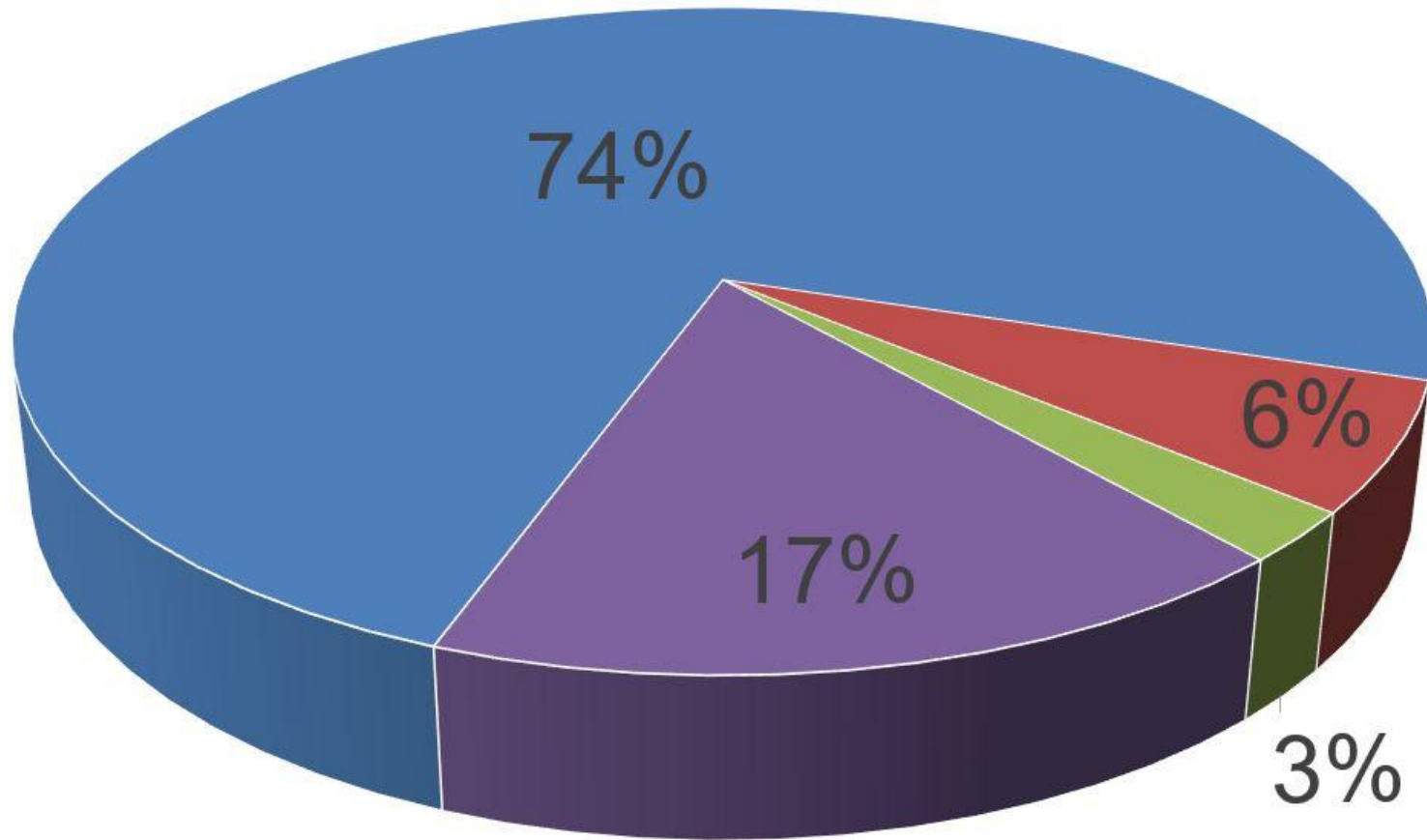
MONTH	ND	Eastern MT*	SD	TOTAL
January	1,147,375	50,115	2,874	1,200,364
February	1,083,557	47,771	2,829	1,134,157
March	1,108,906	48,233	2,744	1,159,883
April	1,121,551			
May				
June				
July				
August				
September				
October				
November				
December				



# North Dakota Monthly Production Change



# Estimated Williston Basin Oil Transportation



■ Pipeline Export

■ Truck/Rail to Canada

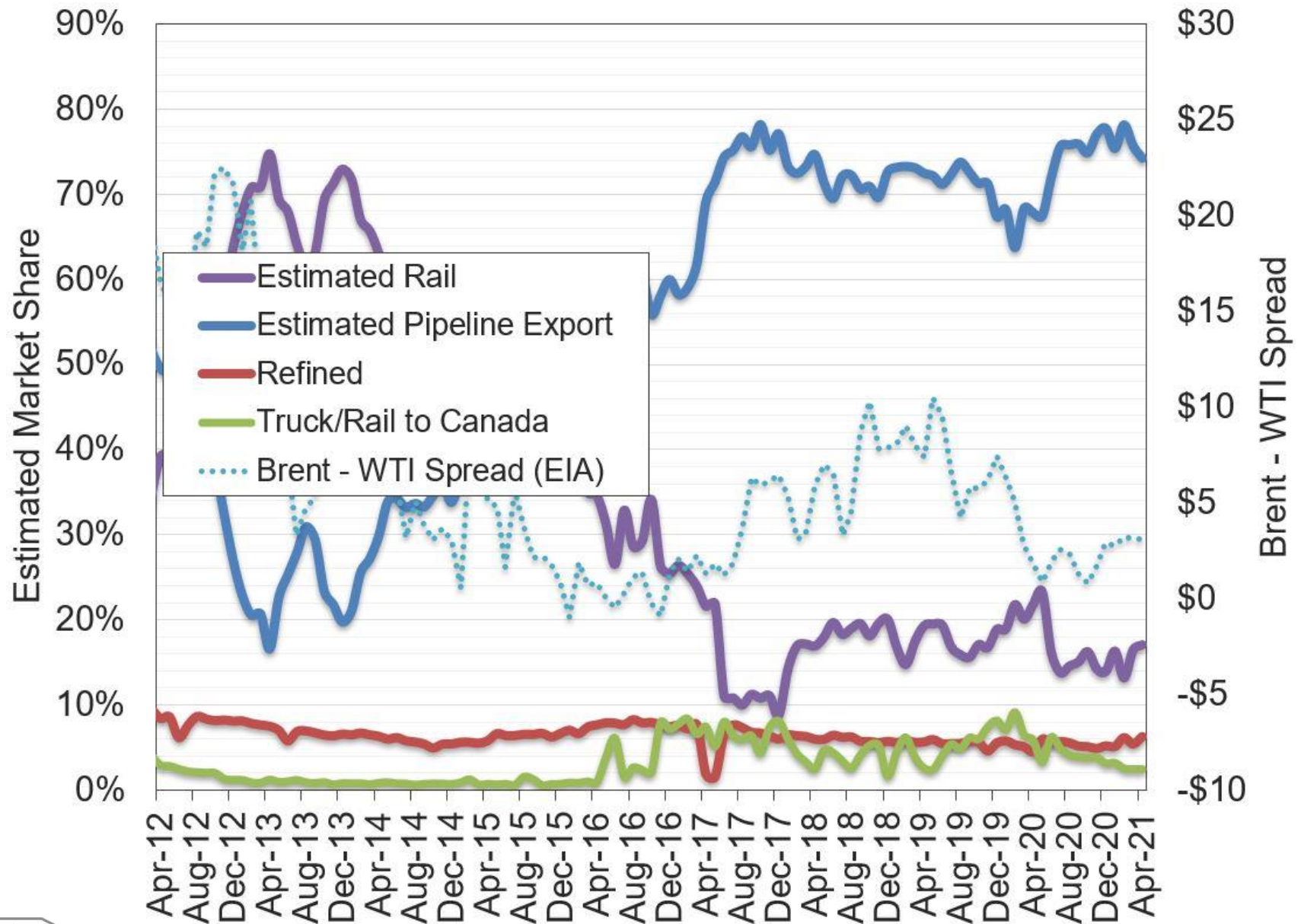
■ Refined

■ Estimated Rail

April 2021



# Estimated Williston Basin Oil Transportation

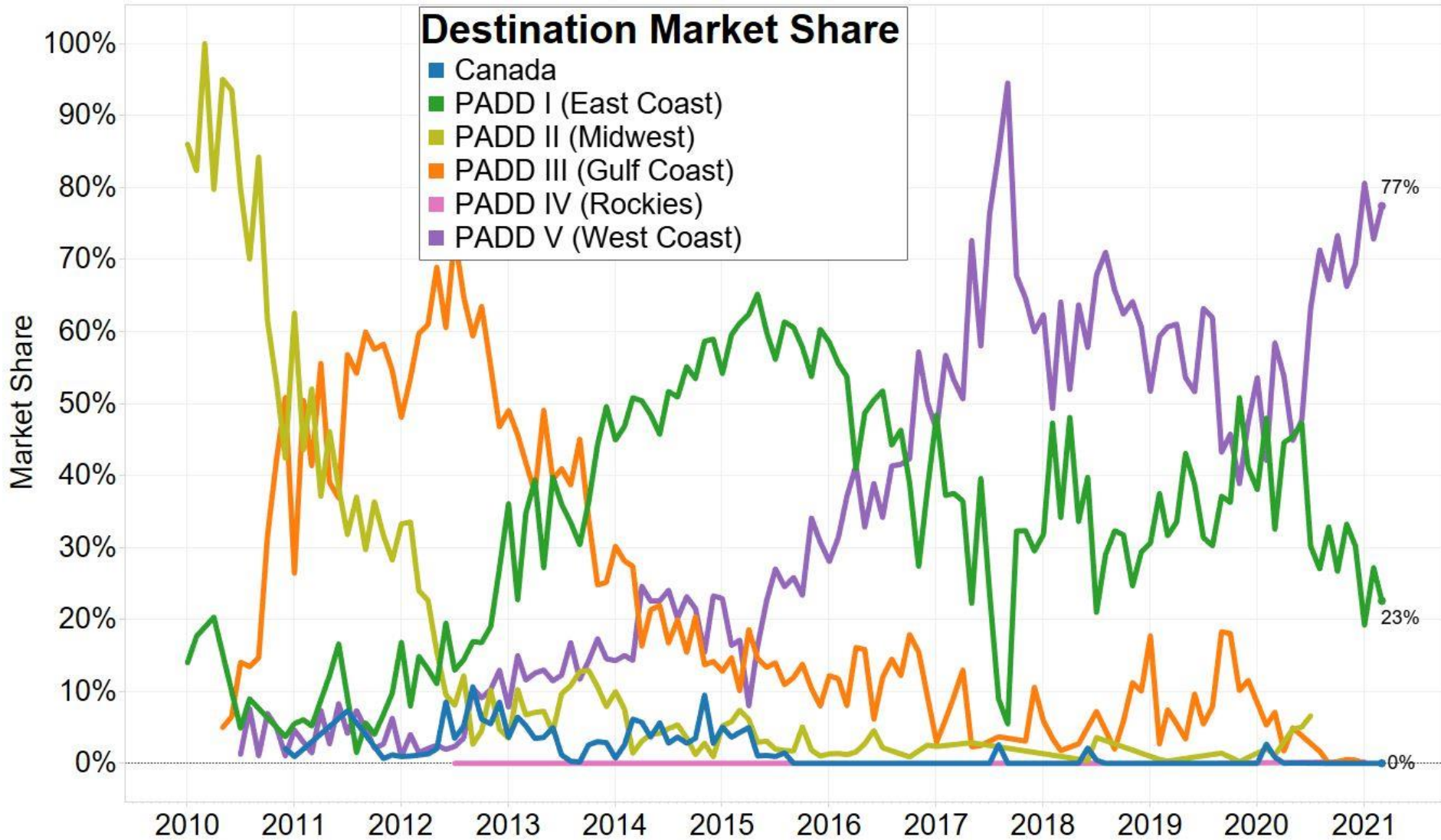




# Estimated ND Rail Export Volumes



# Rail Destinations Market Share (Mar. 2021)

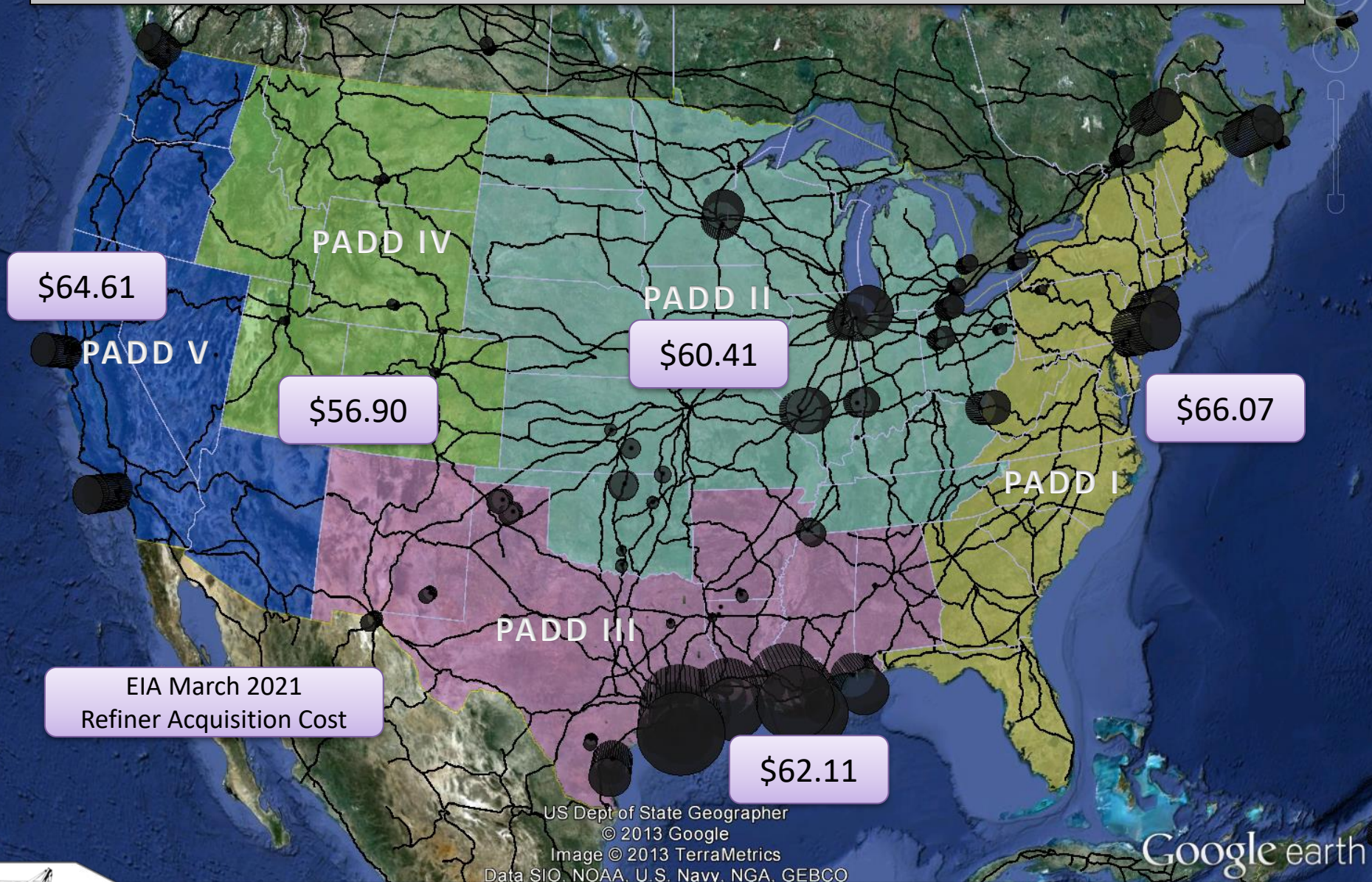


*Data for Rail Destination Market Share Provided by the US Energy Information Administration*



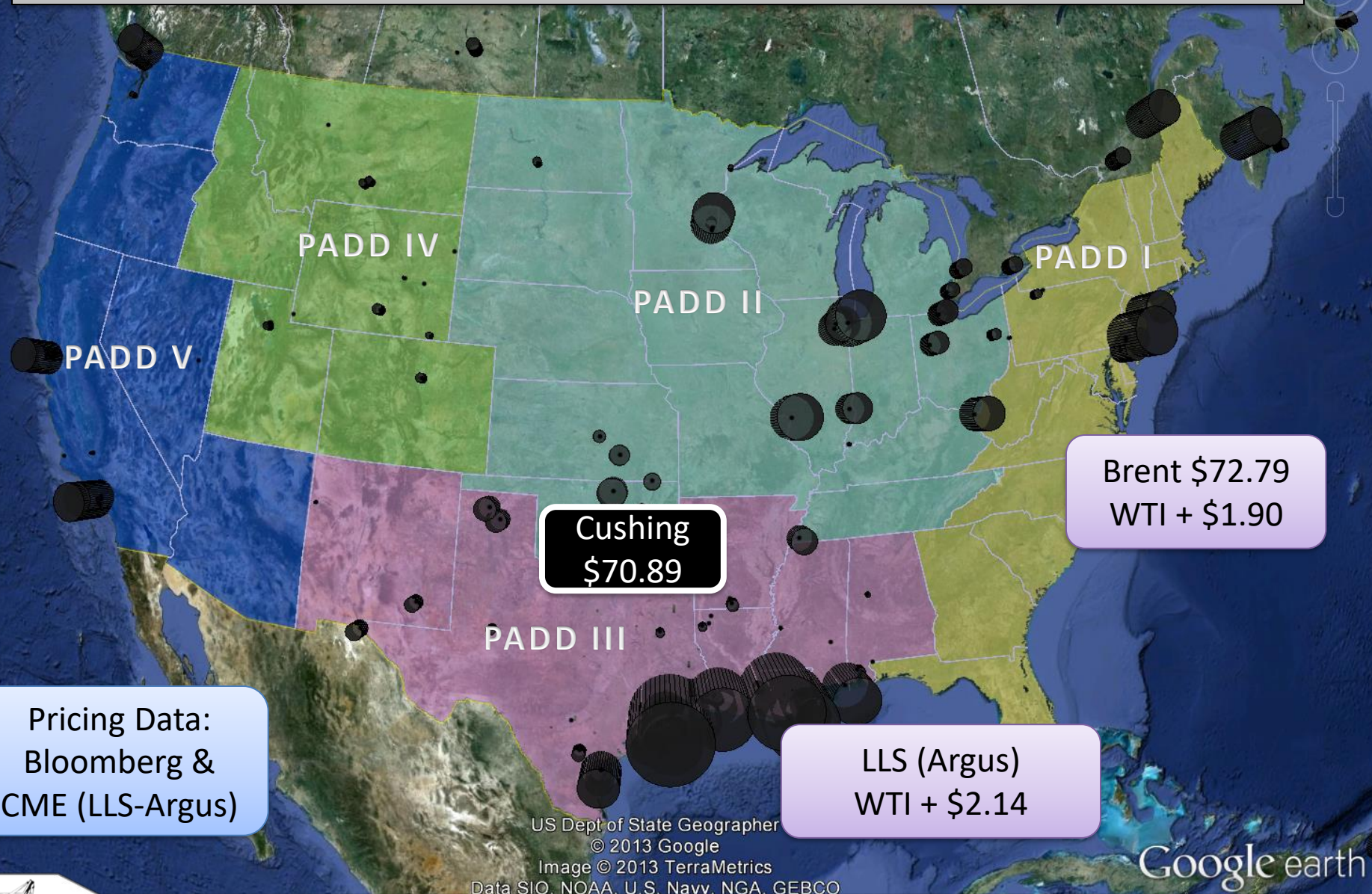


# Major Rail Lines and Refineries

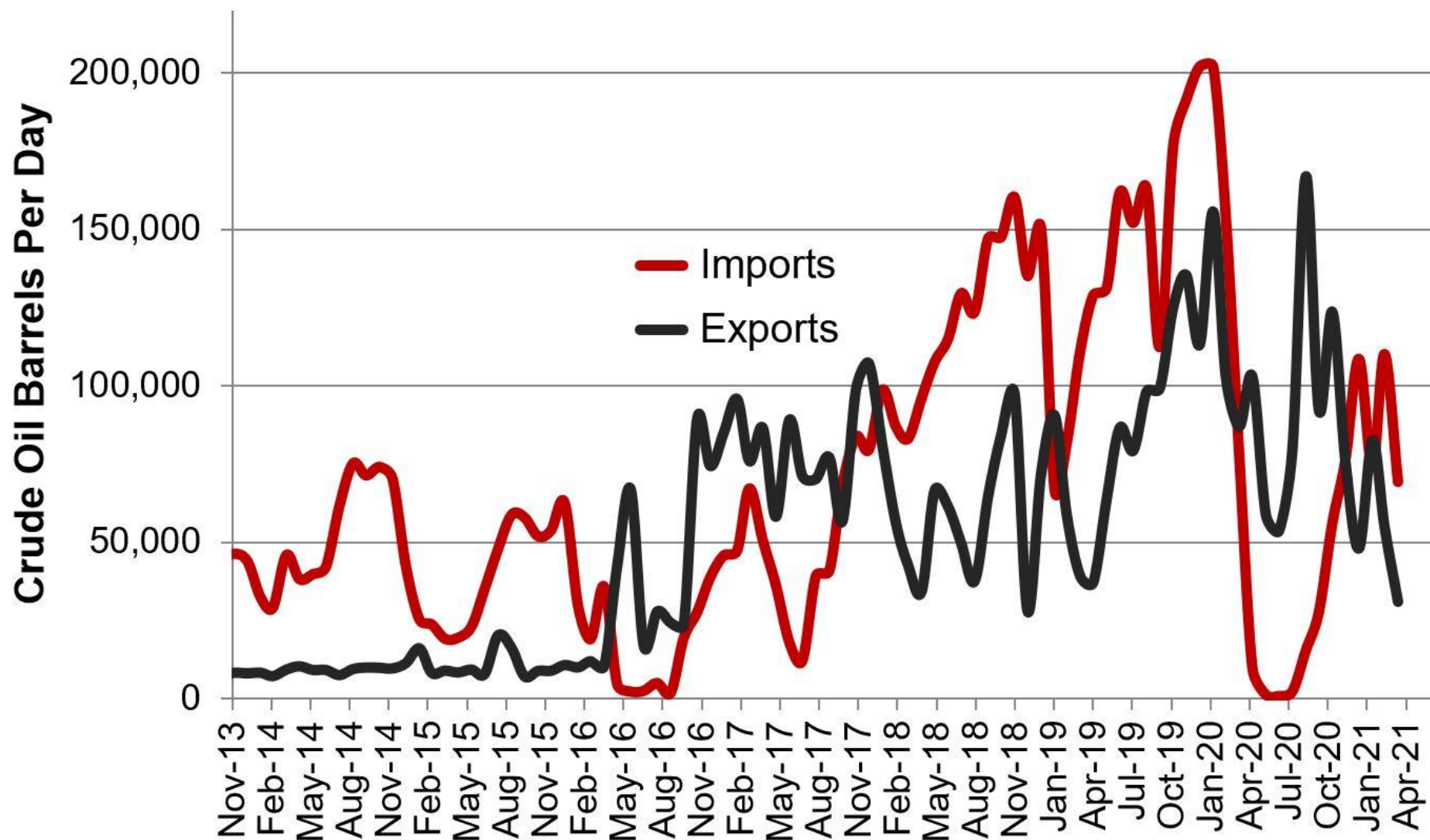




# Crude Oil Prices – June 14, 2021



# Williston Basin Truck/Rail Imports and Exports with Canada

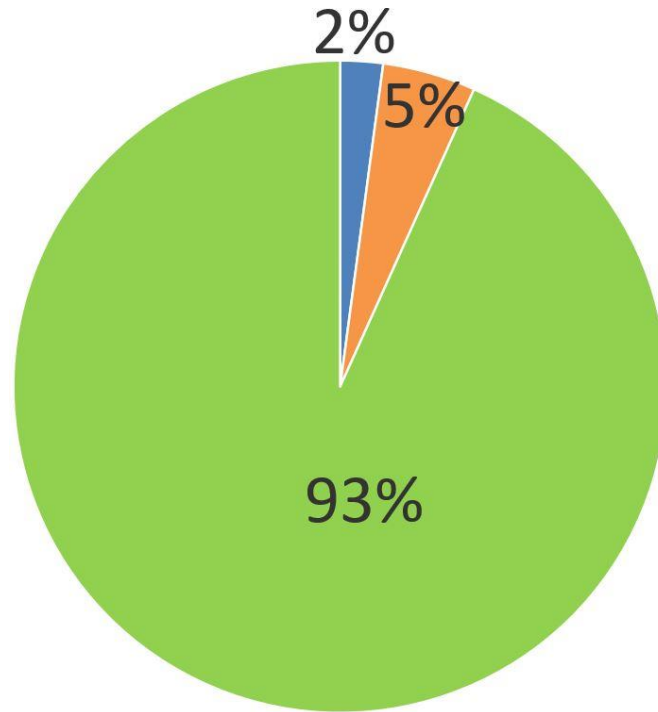


*Data for imports/exports chart is provided by the US International Trade Commission and represents traffic across US/Canada border in the Williston Basin area.*





# Solving the Flaring Challenge



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

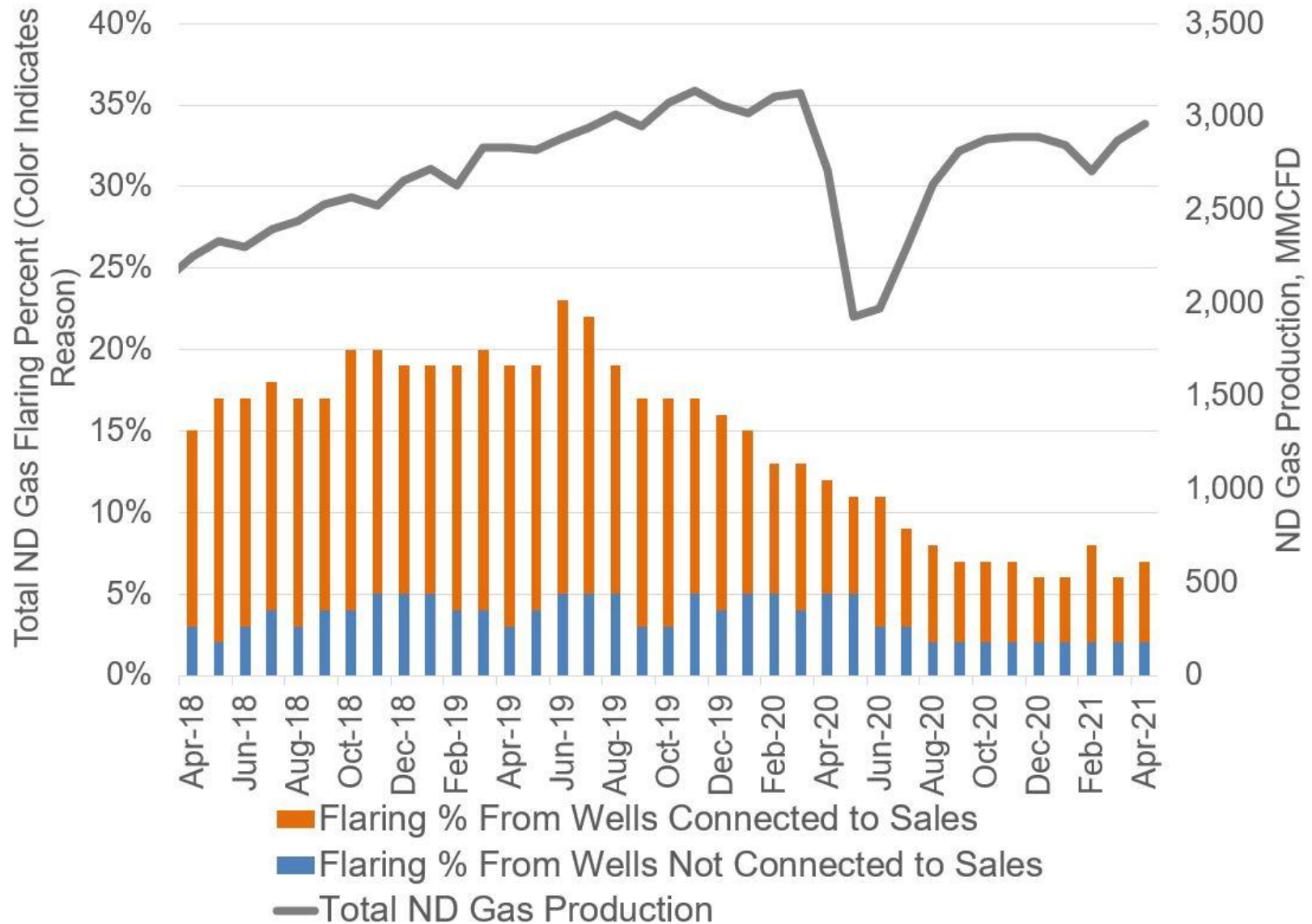
**Orange** – Challenges on existing infrastructure

April 2021 Data – Non-Confidential Wells

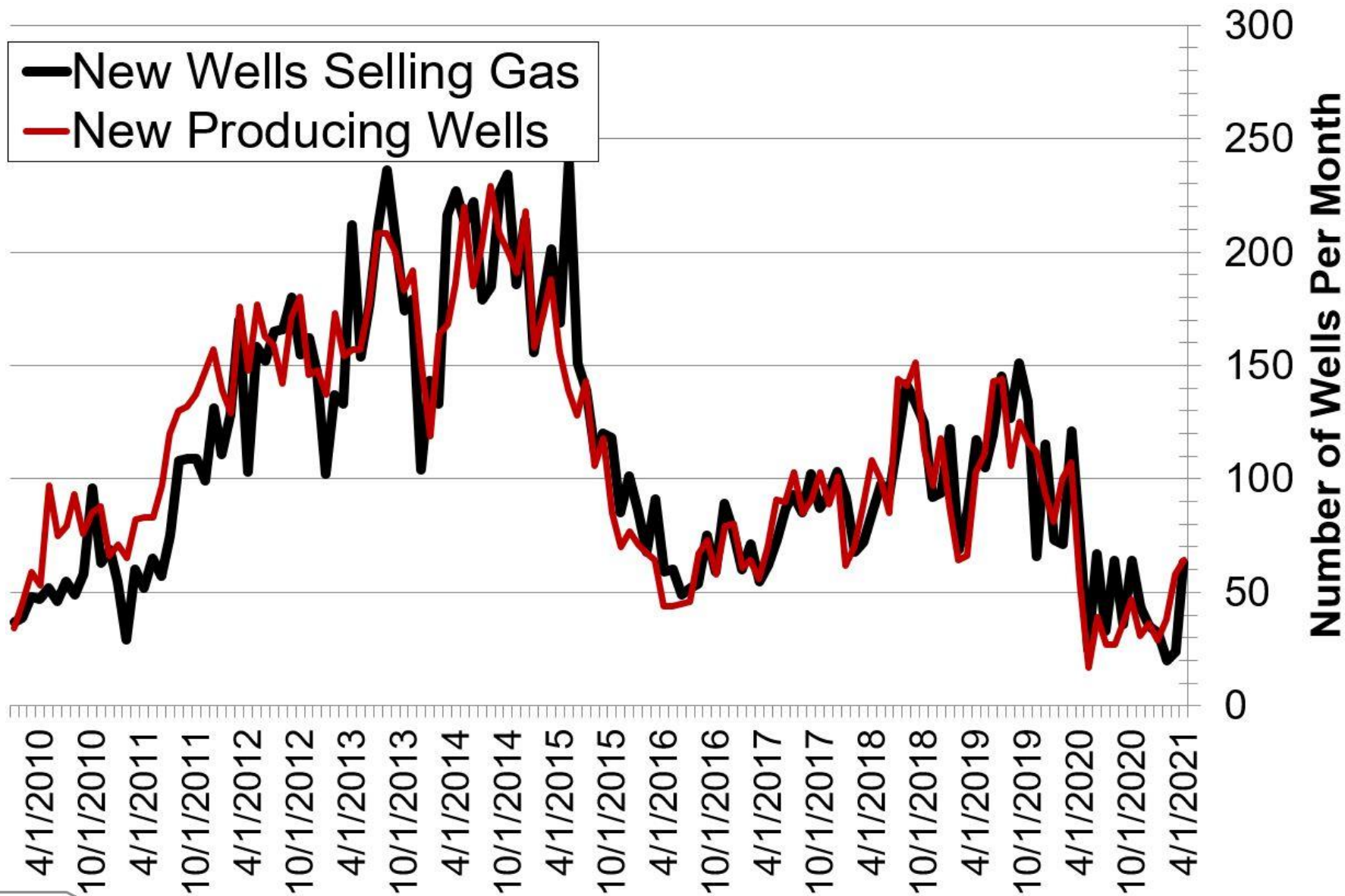




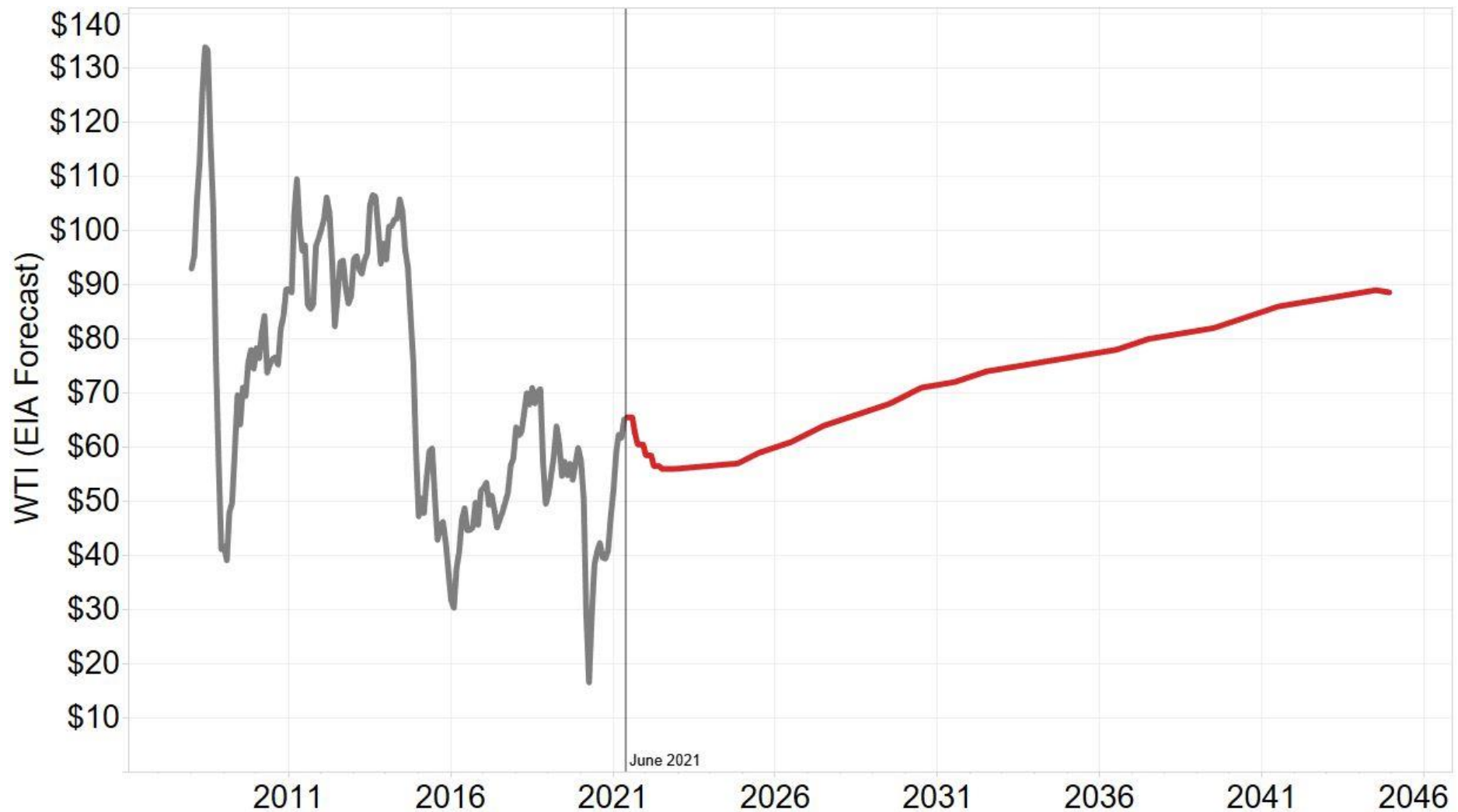
# Solving the Flaring Challenge



# Solving the Flaring Challenge



# EIA Oil Price Forecast\*

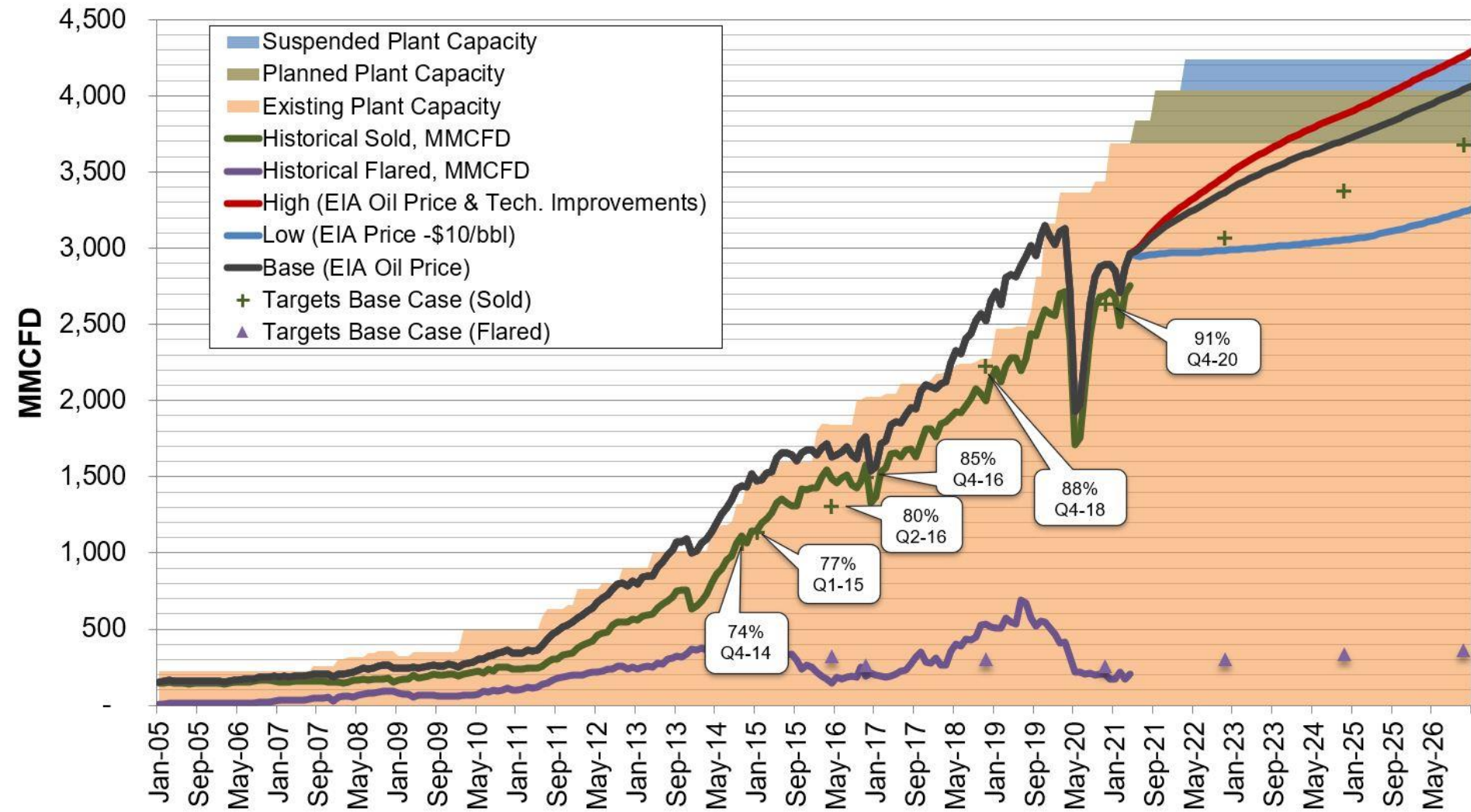


*\*EIA May 2021 SEO and February 2021 AEO Blend*

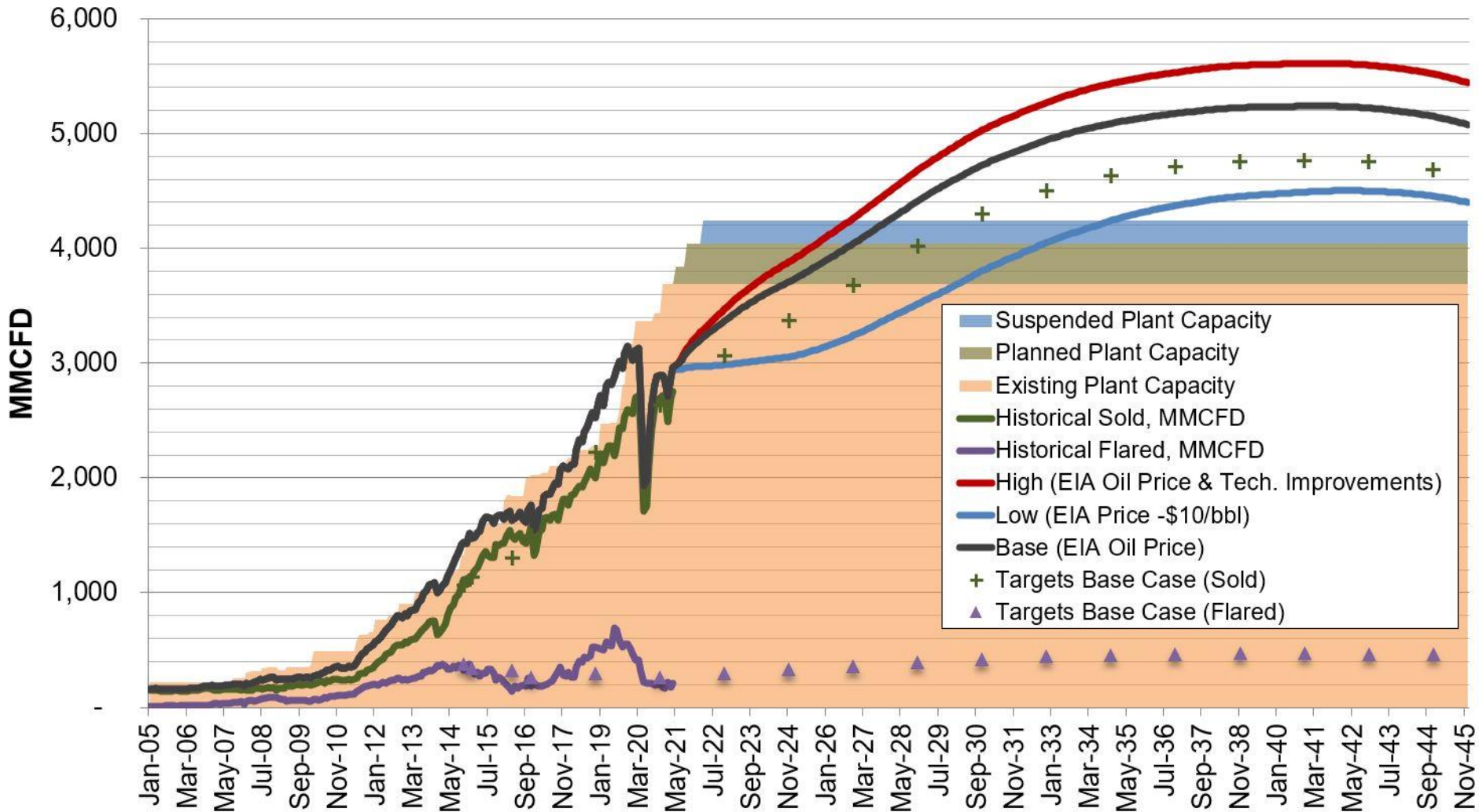




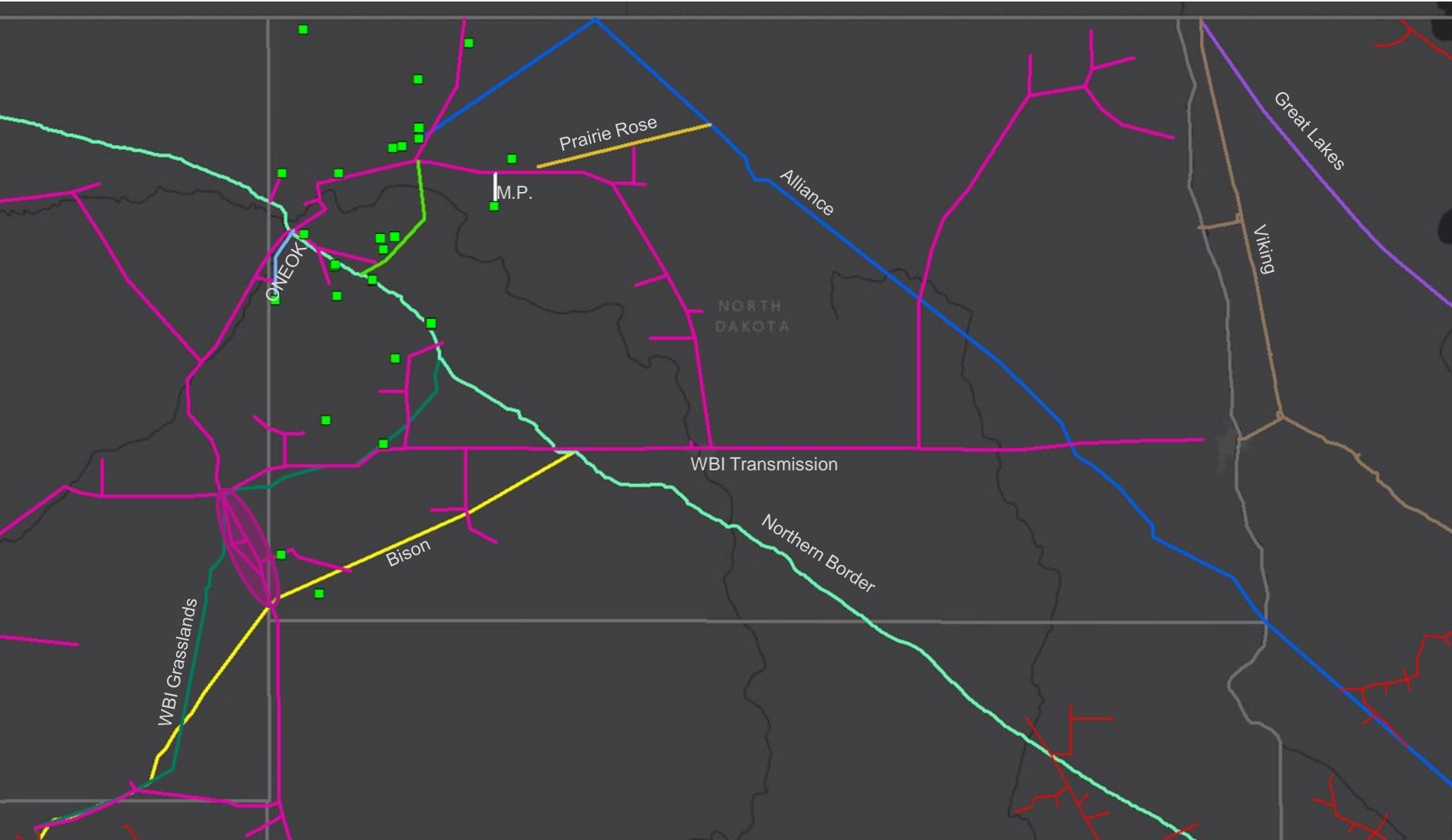
# Solving the Flaring Challenge



# Solving the Flaring Challenge

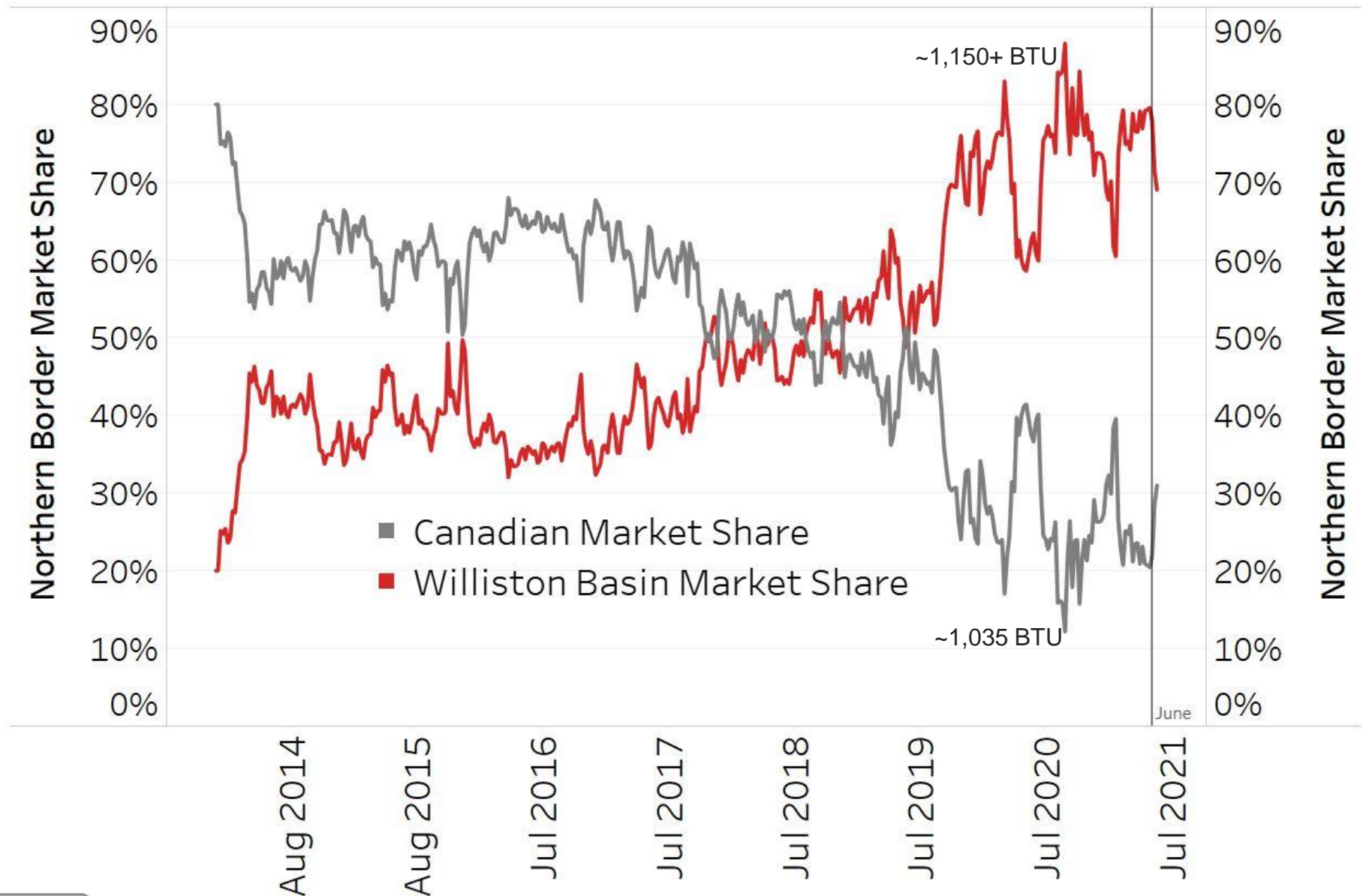


# Major Gas Pipeline and Processing Infrastructure

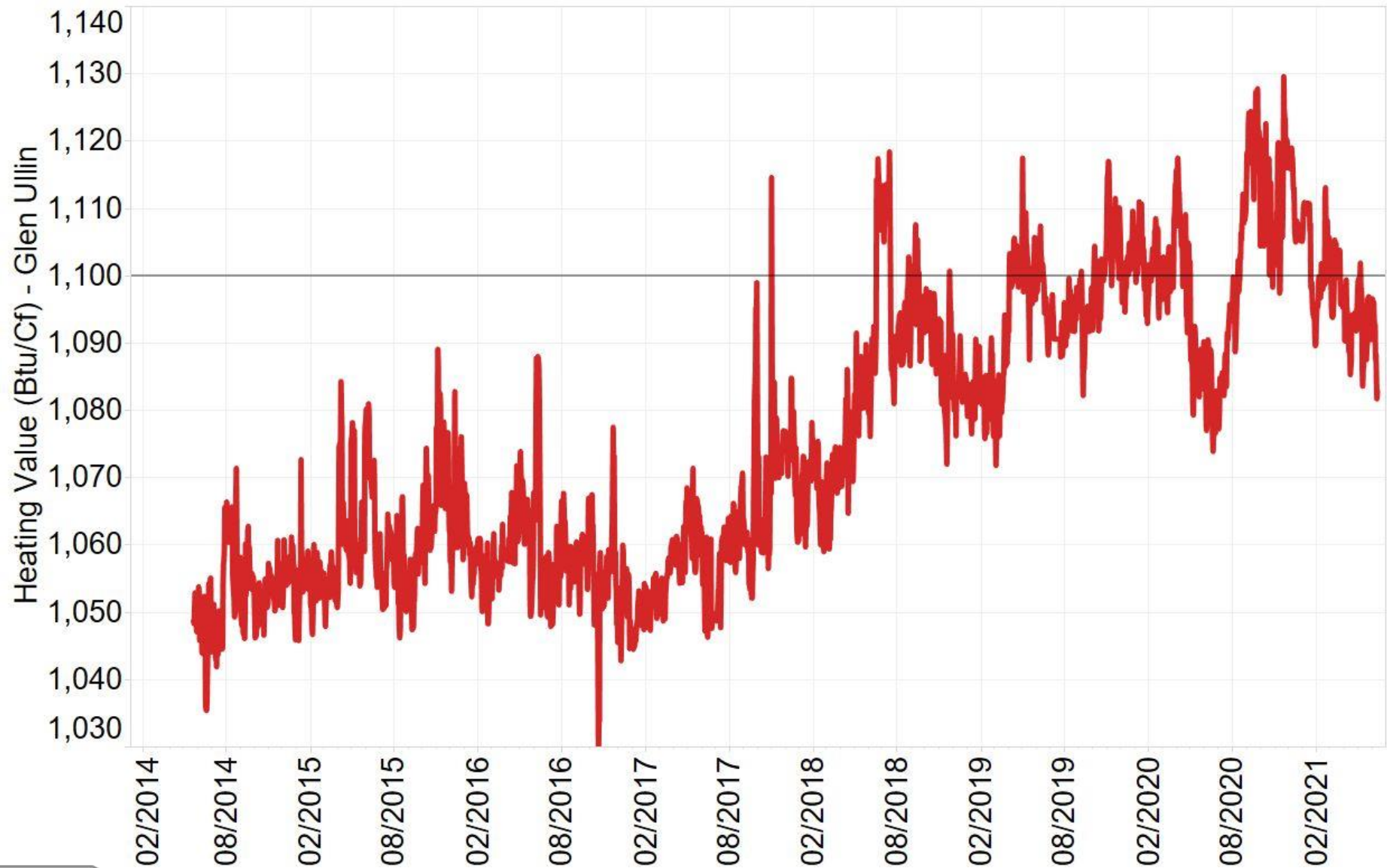




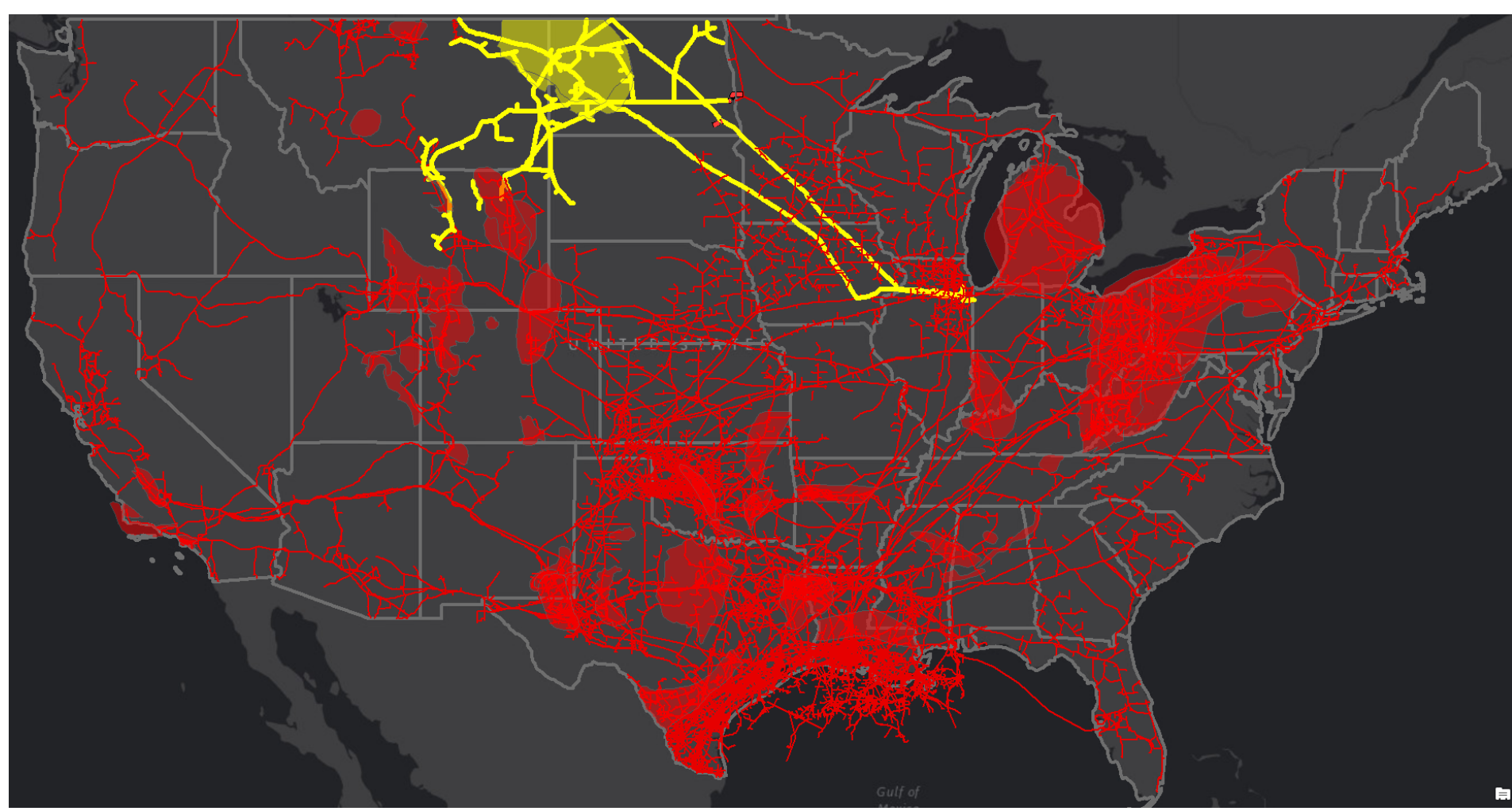
# Northern Border Pipeline Market Share



# Northern Border BTU at Glen Ullin, ND

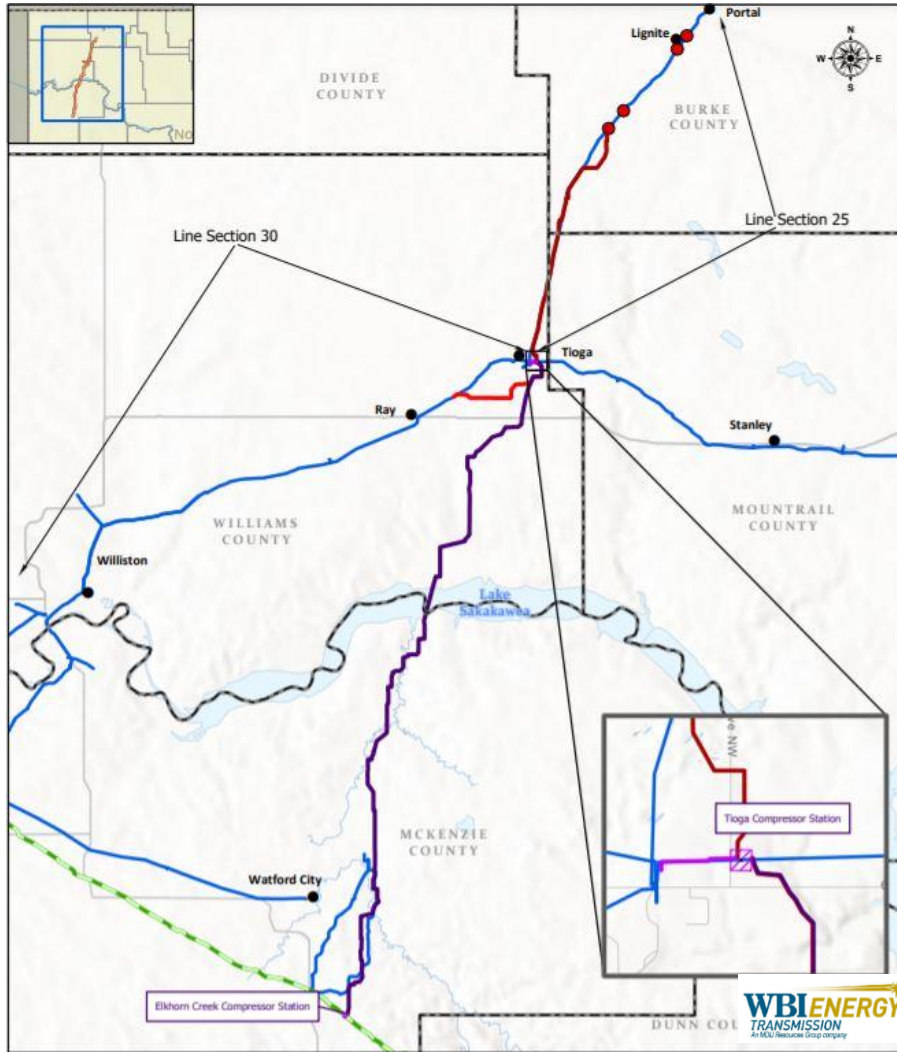


# Bakken Natural Gas Infrastructure





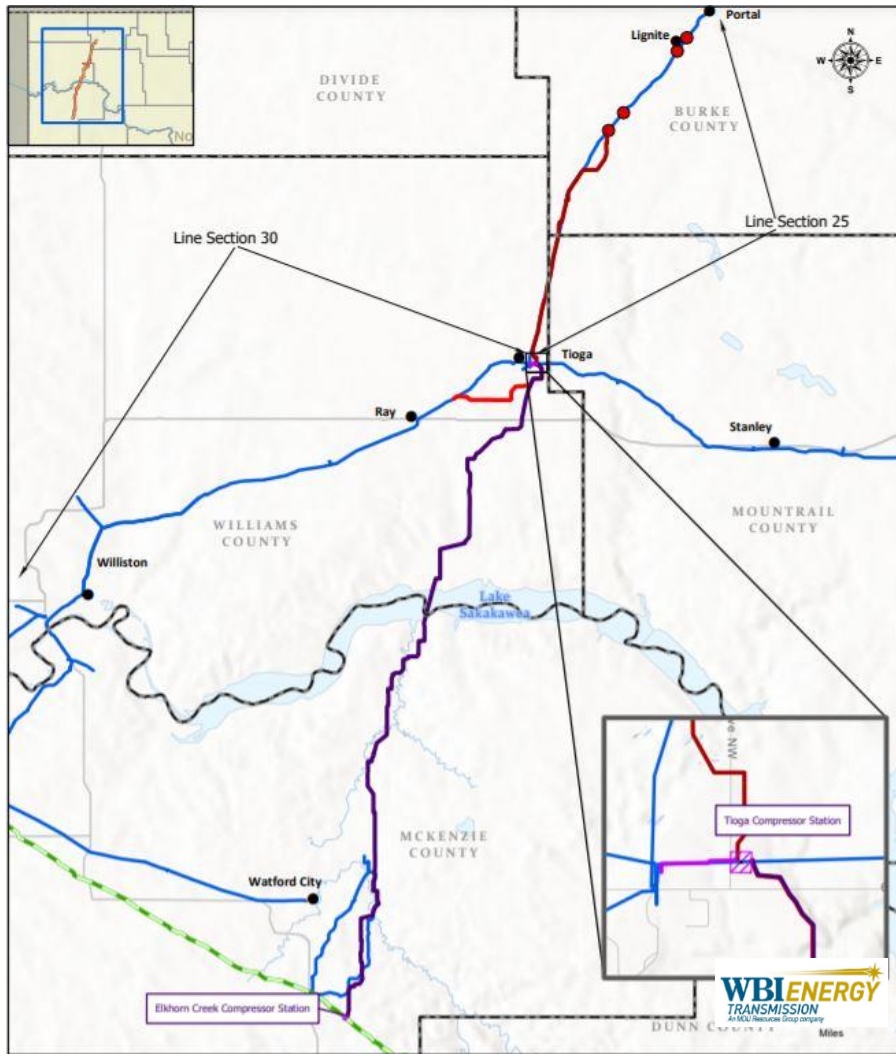
# WBI Energy Transmission North Bakken Expansion Project



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



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