



April 2024 Monthly Update  
North Dakota Pipeline Authority  
Justin J. Kringstad  
April 12, 2024

# US Williston Basin Oil Production - 2024

<b>MONTH</b>	<b>ND</b>	<b>Eastern MT*</b>	<b>SD</b>	<b>TOTAL</b>
January	1,102,976	57,997	2,312	1,163,285
February	1,246,691			
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				

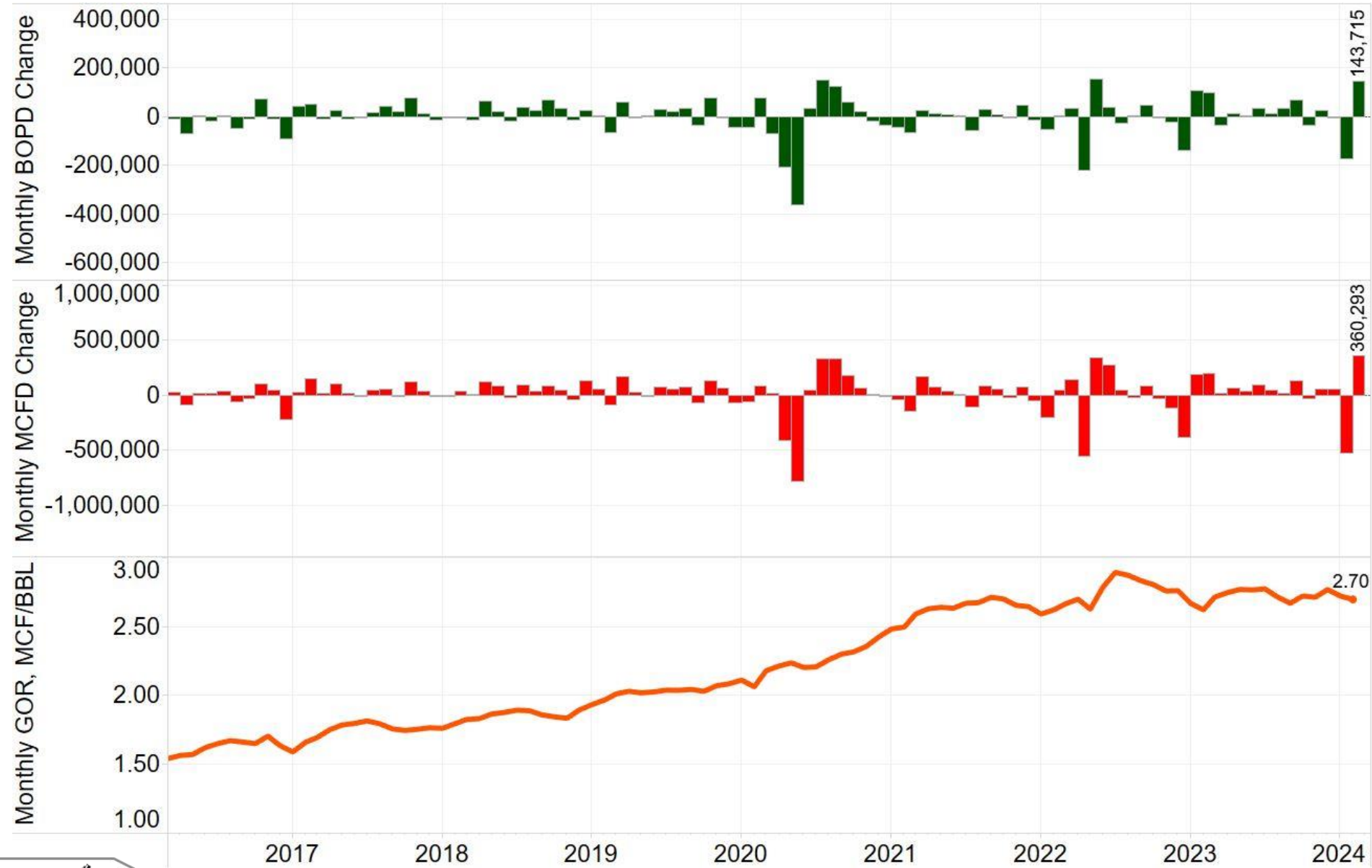


# US Williston Basin Oil Production - 2023

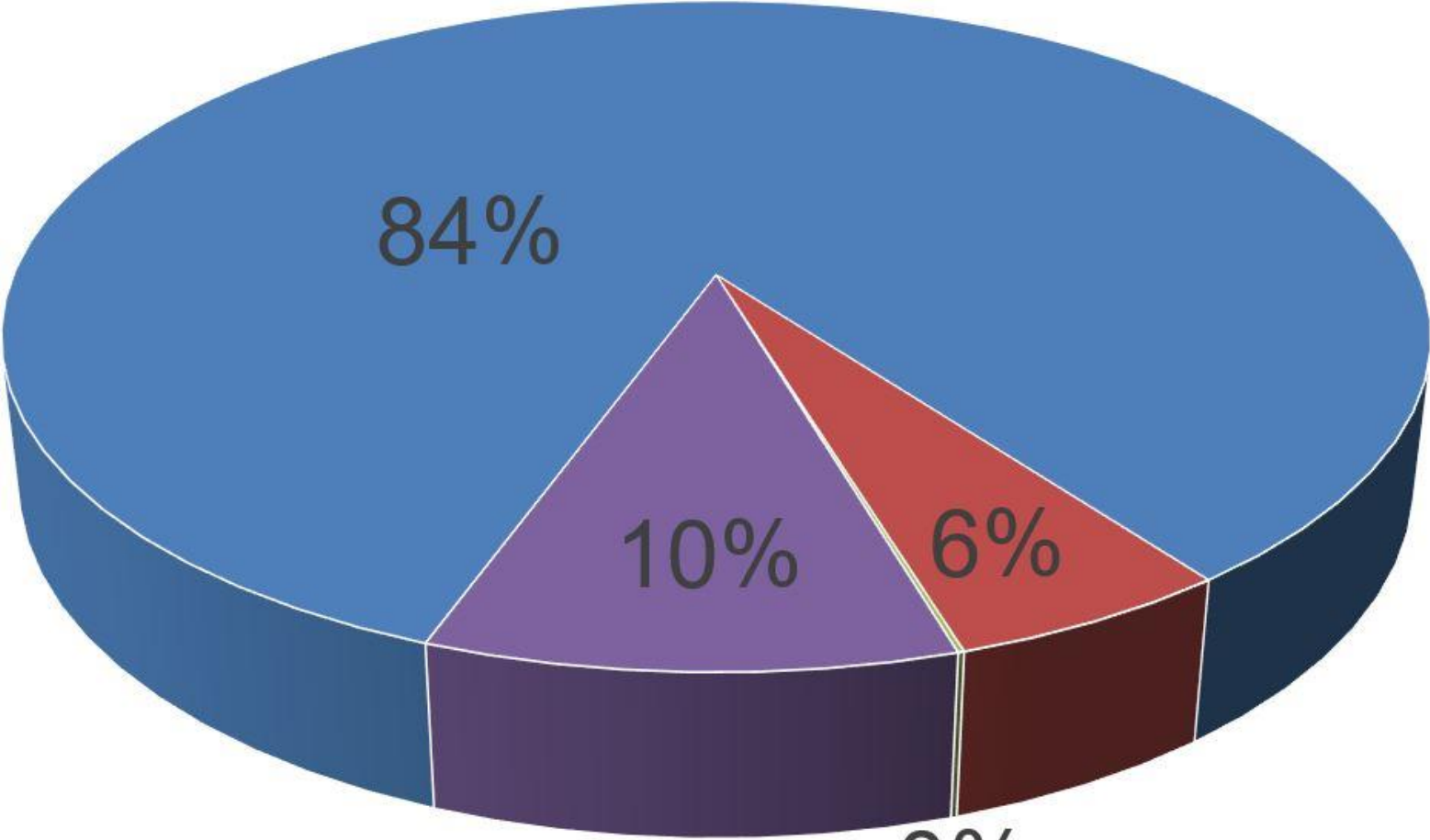
MONTH	ND	Eastern MT*	SD	TOTAL
January	1,062,924	62,114	2,610	1,127,648
February	1,158,988	63,558	2,475	1,225,021
March	1,124,917	64,596	2,652	1,192,165
April	1,135,872	61,933	2,557	1,200,362
May	1,140,253	61,302	2,560	1,204,115
June	1,174,603	59,742	2,275	1,236,620
July	1,187,084	56,985	2,311	1,246,380
August	1,219,832	62,383	2,540	1,284,755
September	1,290,356	62,816	2,504	1,355,676
October	1,255,517	62,603	2,452	1,320,572
November	1,279,103	63,073	2,448	1,344,624
December	1,275,004	62,935	2,496	1,340,435



# North Dakota Monthly Production Change



# Estimated Williston Basin Oil Transportation



■ Pipeline Export

■ Truck/Rail to Canada

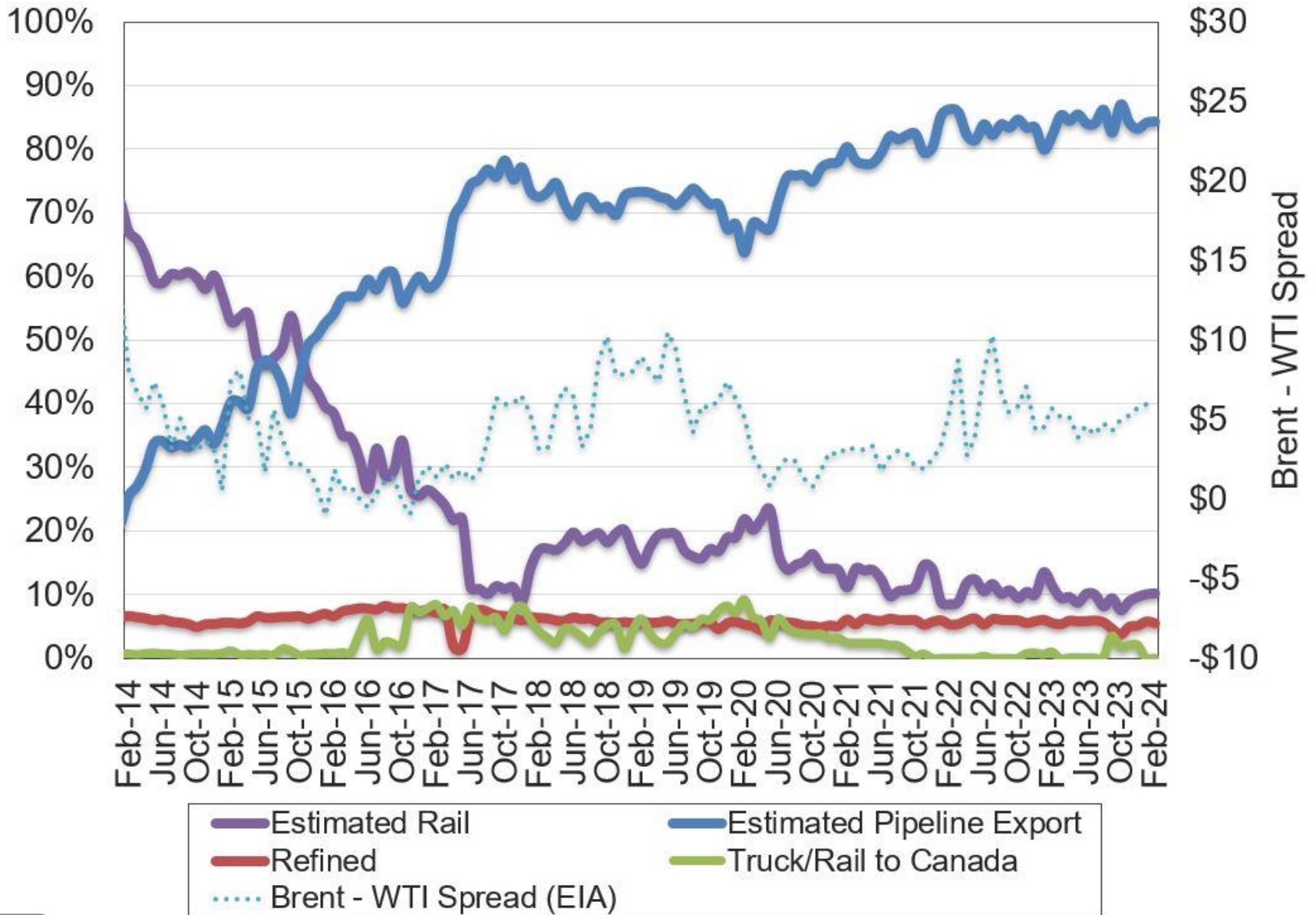
■ Refined

■ Estimated Rail

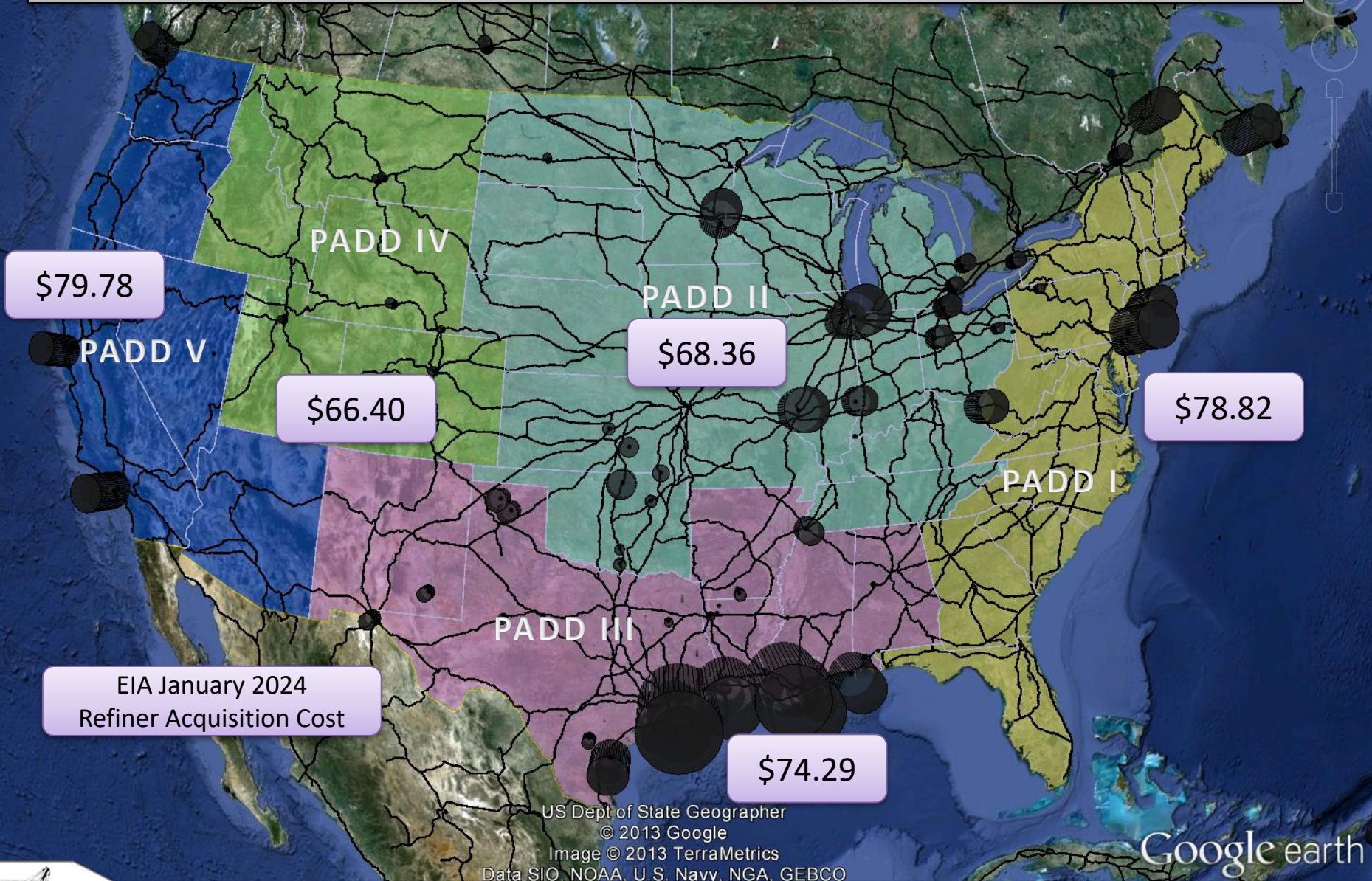
*February 2024*



# Estimated Williston Basin Oil Transportation



# Major Rail Lines and Refineries

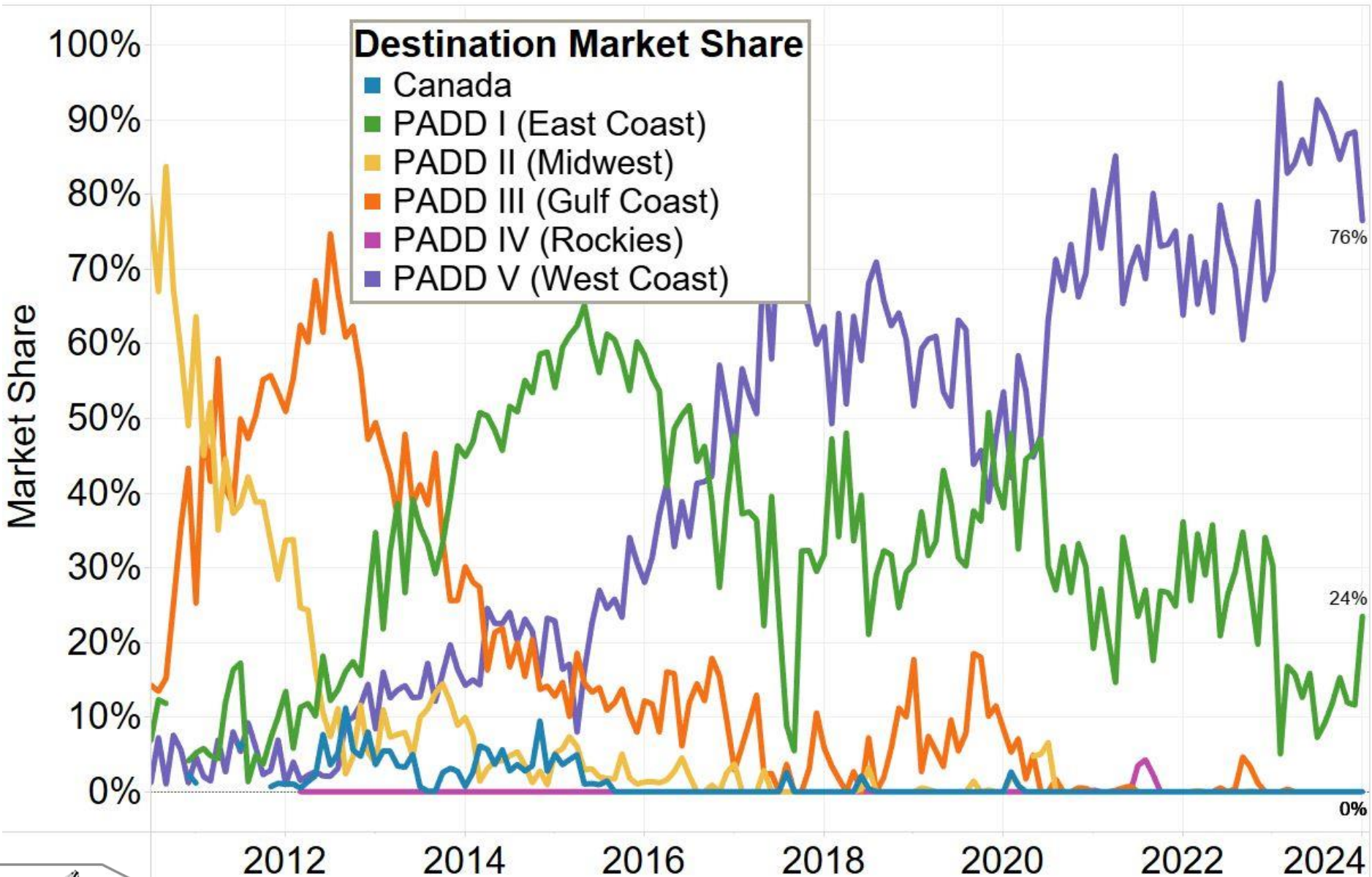


# Estimated ND Rail Export Volumes

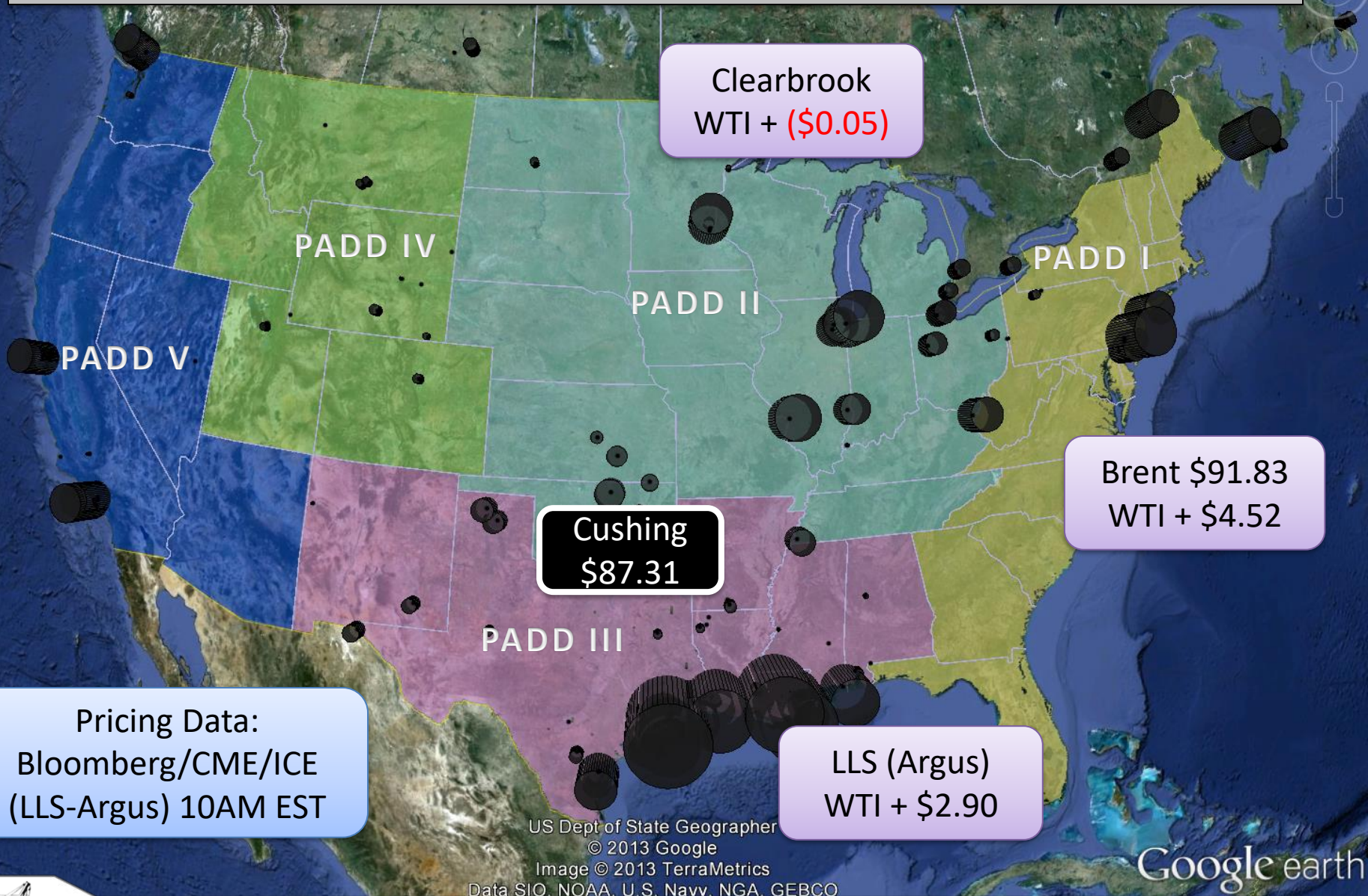




# Rail Destinations Market Share (Jan. 2024)



# Crude Oil Prices – Apr. 12, 2024



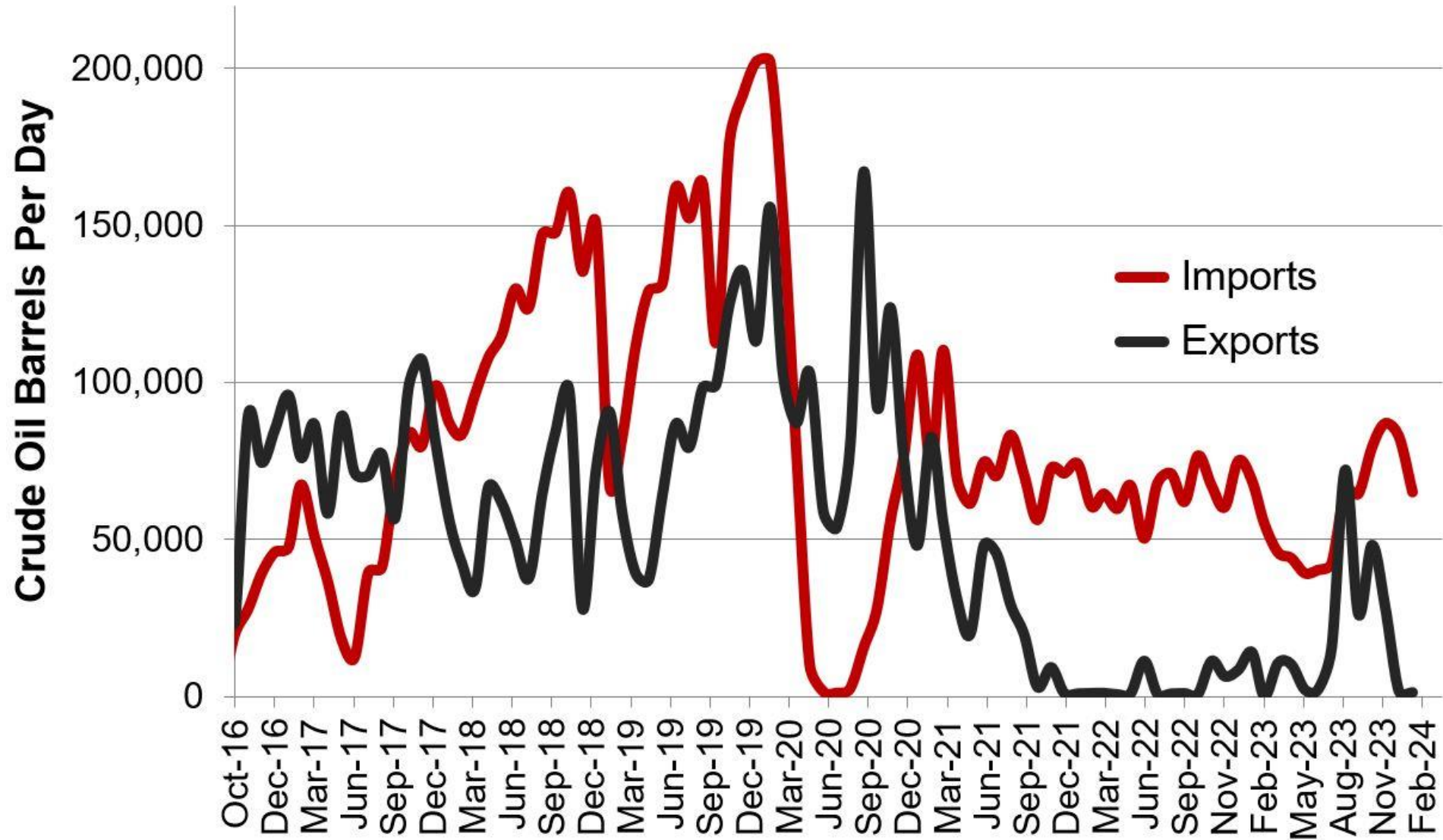
Pricing Data:  
Bloomberg/CME/ICE  
(LLS-Argus) 10AM EST

US Dept of State Geographer  
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Image © 2013 TerraMetrics  
Data SIO, NOAA, U.S. Navv, NGA, GEBCO

Google earth



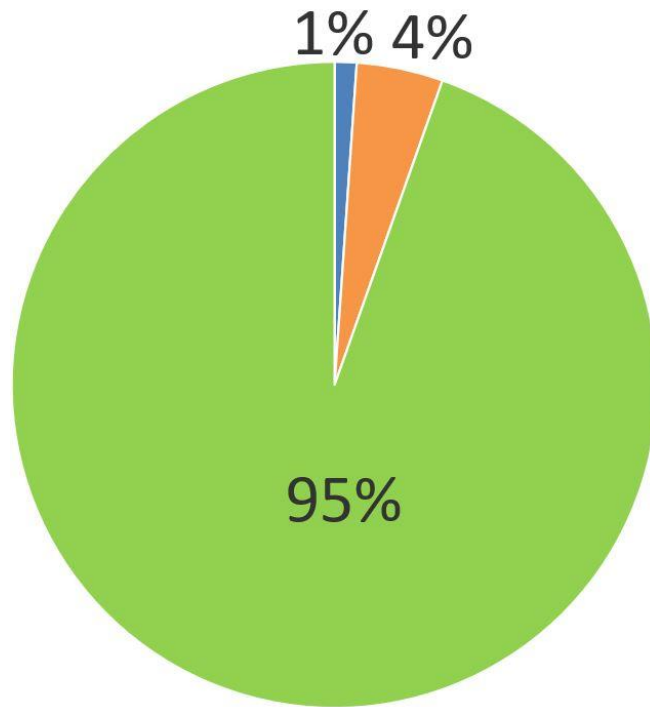
# Williston Basin Truck/Rail Imports and Exports with Canada



*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

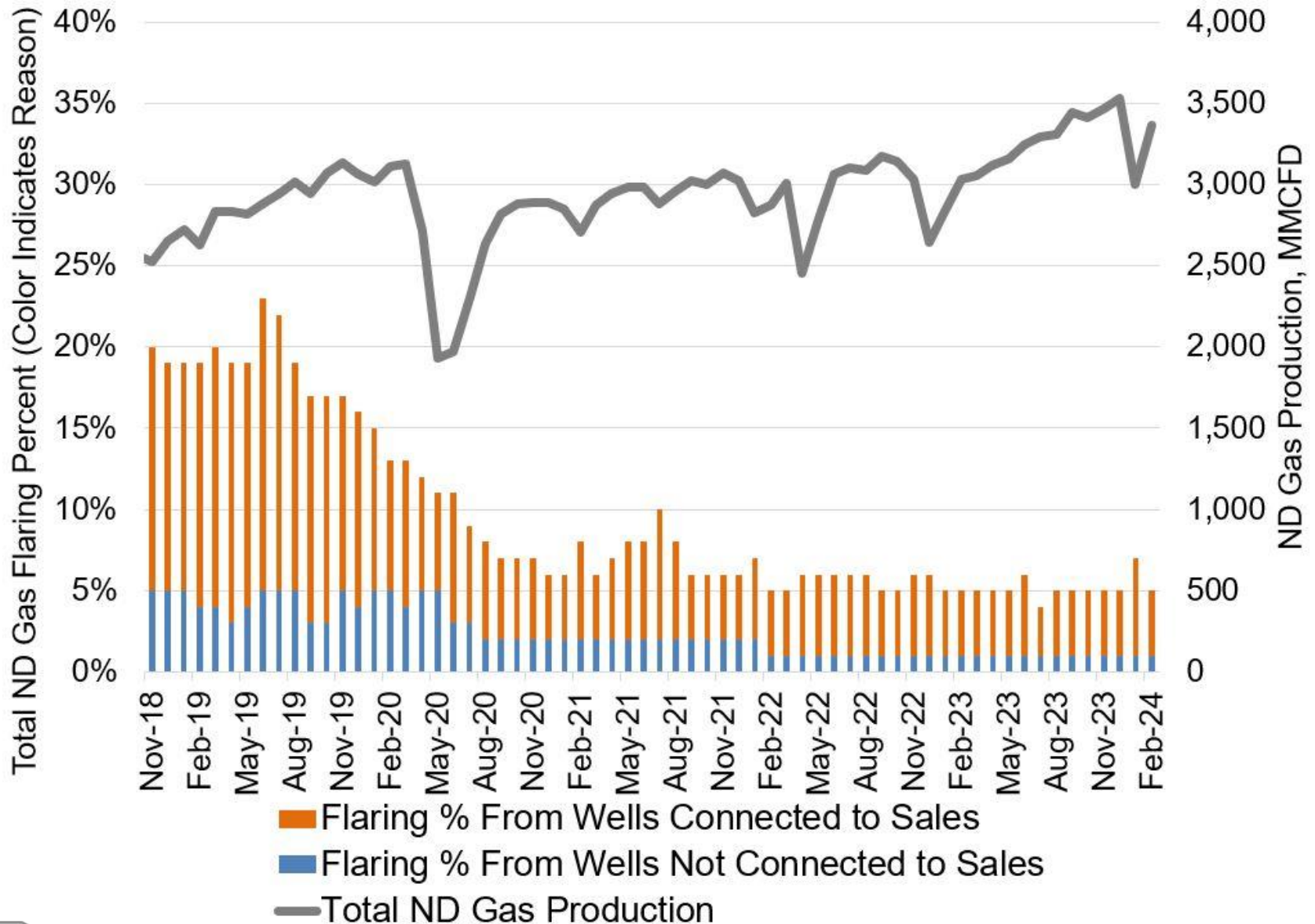
**Blue** – Lack of pipelines

**Orange** – Challenges on existing infrastructure

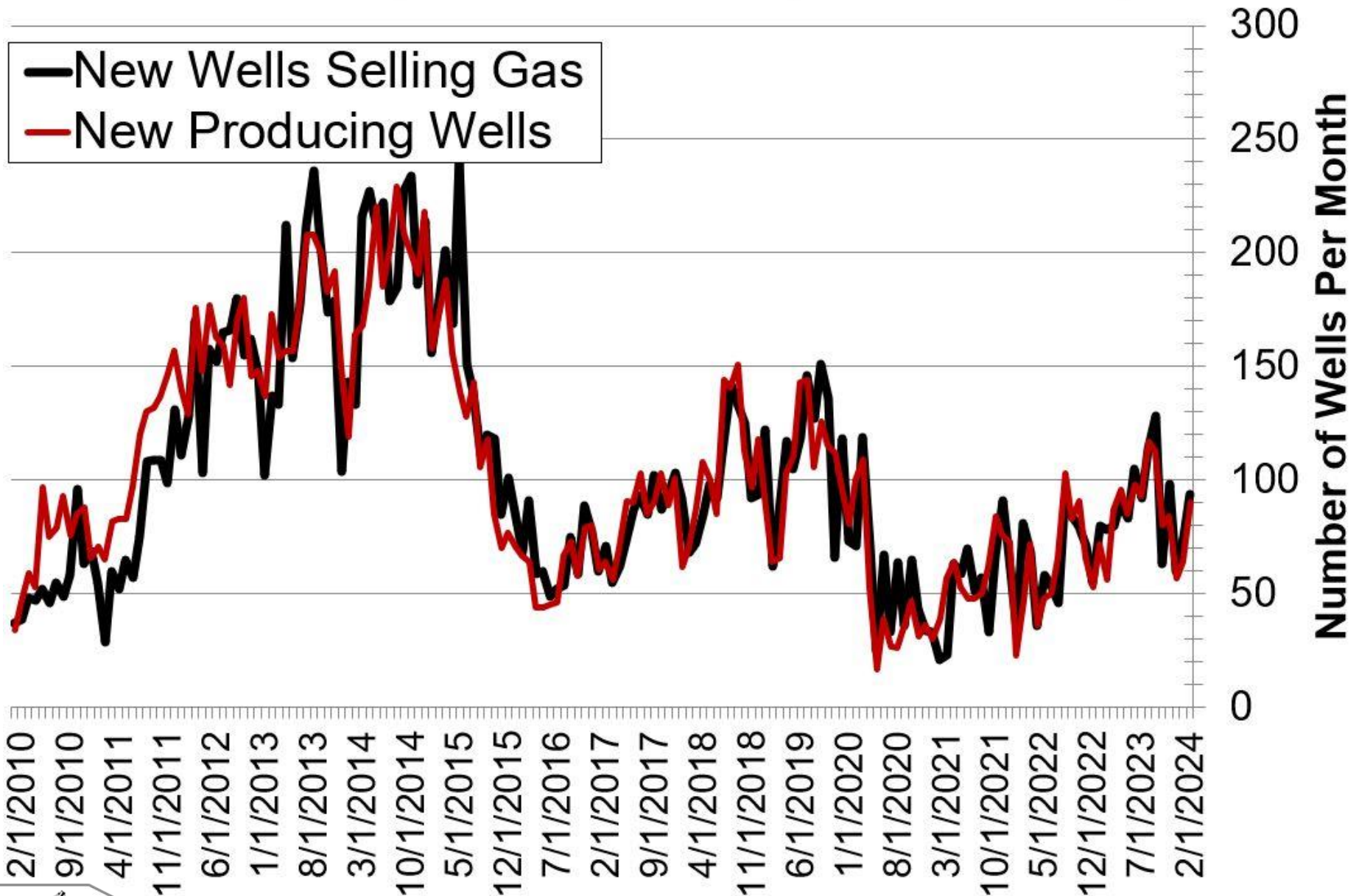
Feb. 2024 Data – Non-Confidential Wells



# Solving the Flaring Challenge

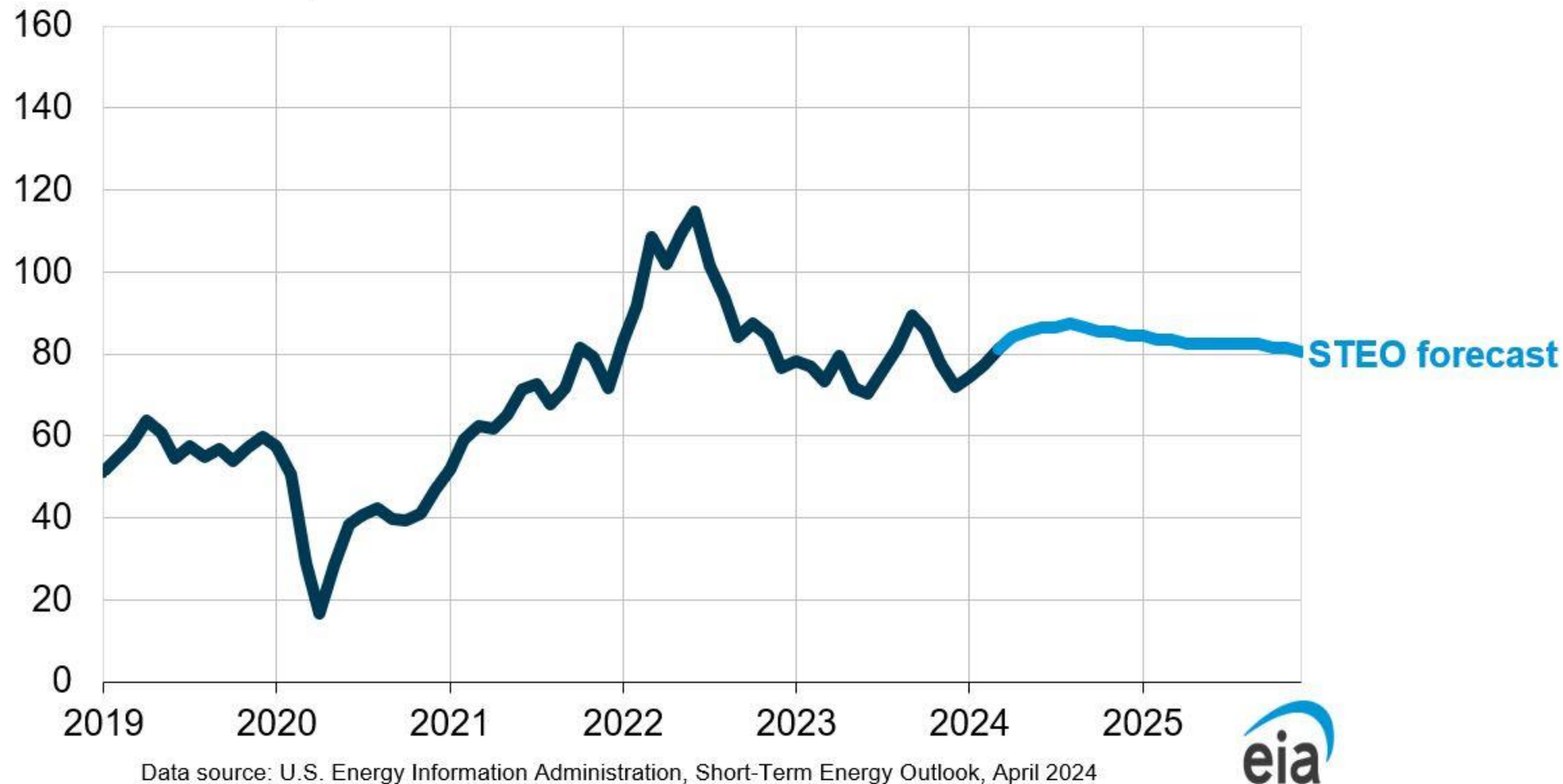


# Solving the Flaring Challenge

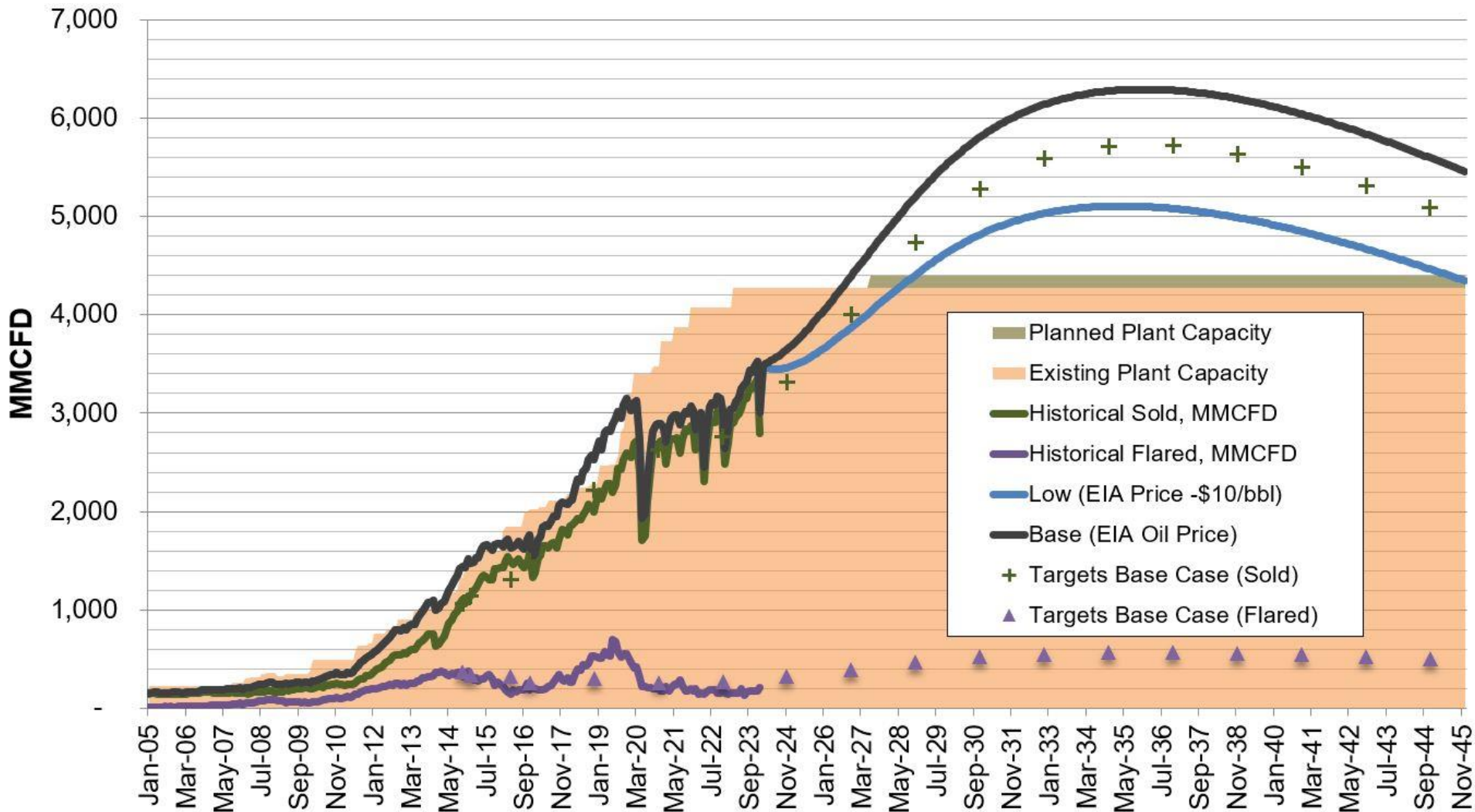


# EIA Oil Price Forecast: Apr. 2024

**West Texas Intermediate (WTI) crude oil price**  
dollars per barrel

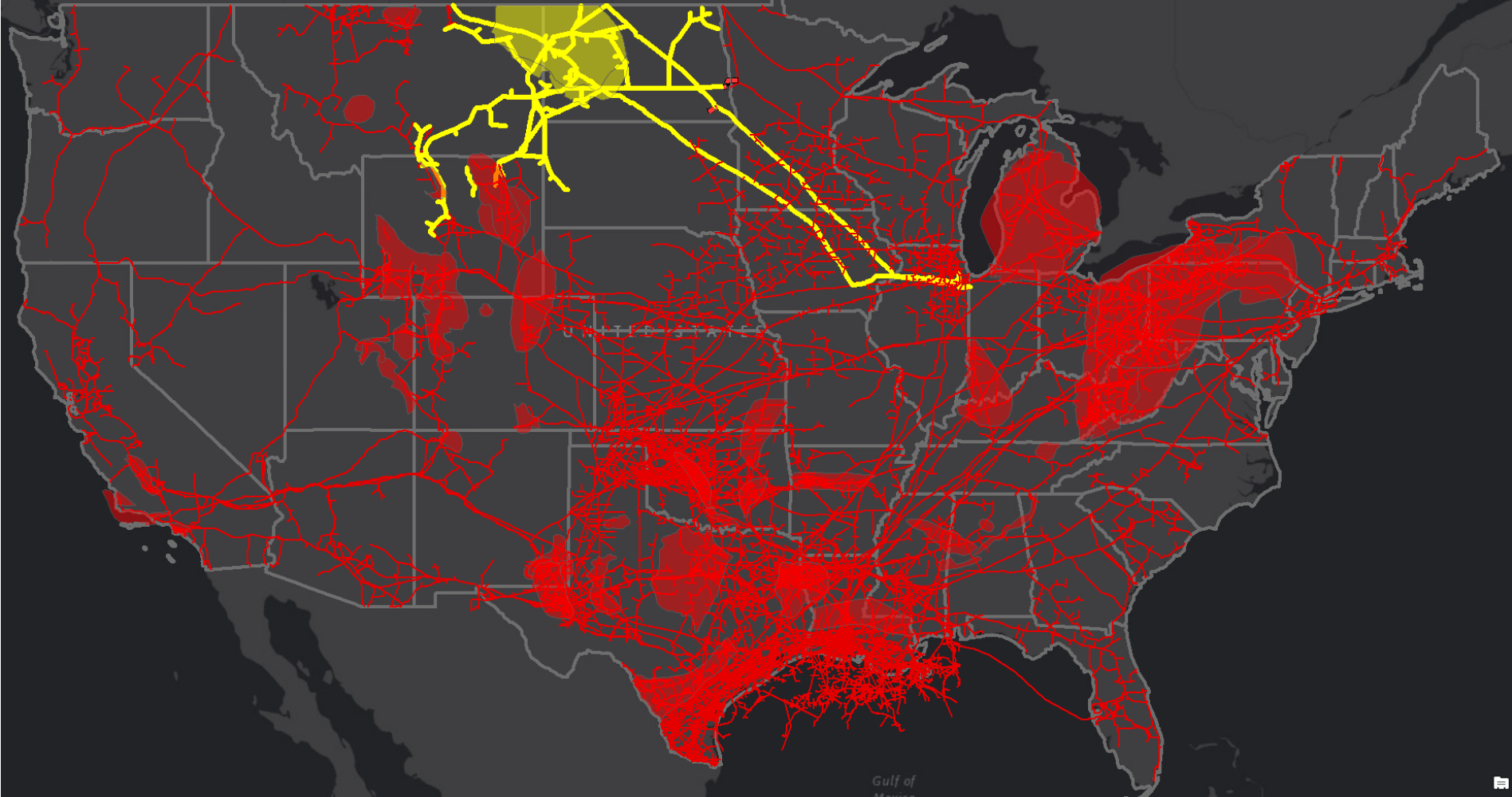


# Solving the Flaring Challenge

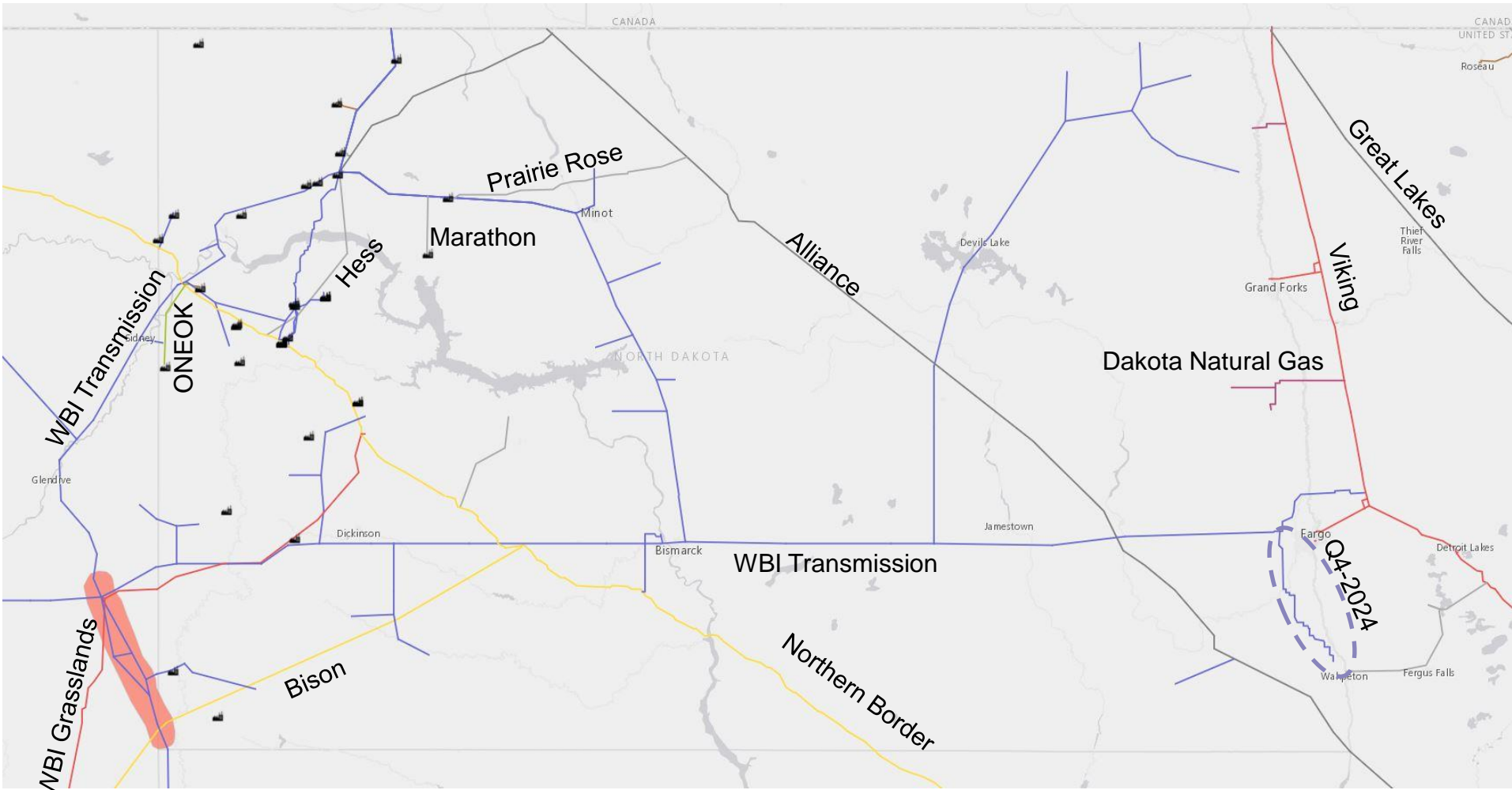




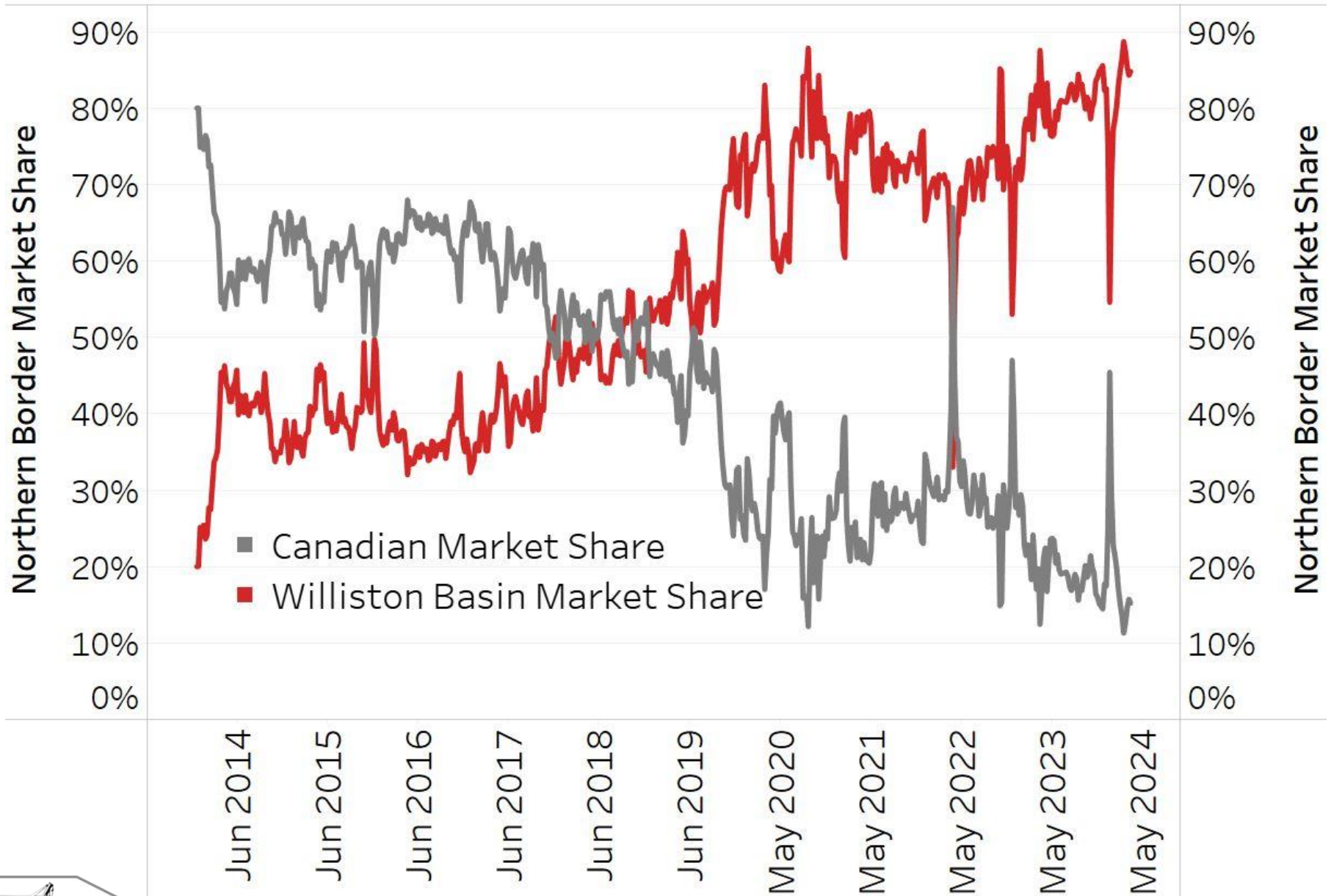
# Bakken Natural Gas Infrastructure



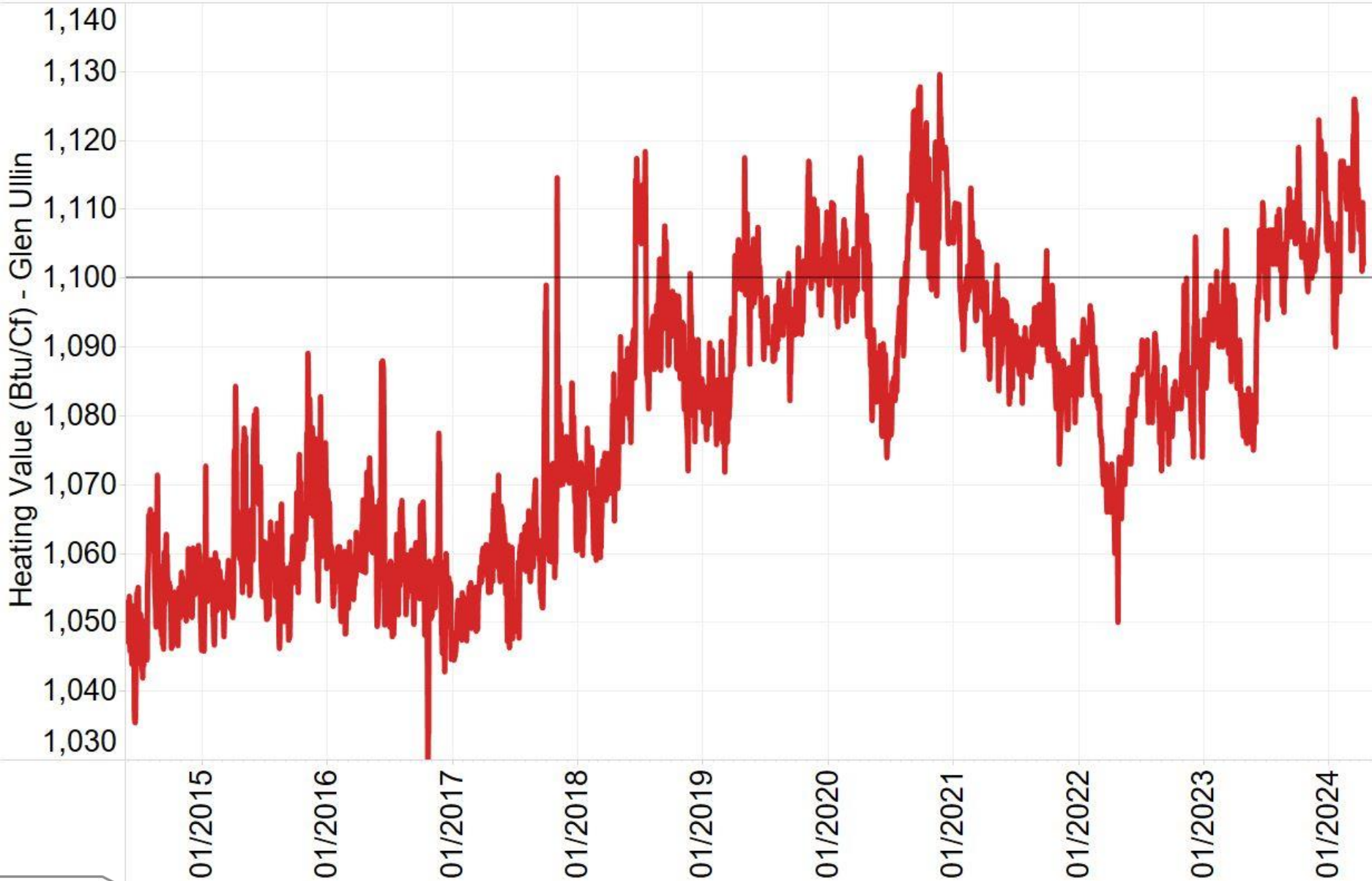
# Bakken Natural Gas Infrastructure



# Northern Border Pipeline Market Share



# Northern Border BTU at Glen Ullin, ND



# Contact Information

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