



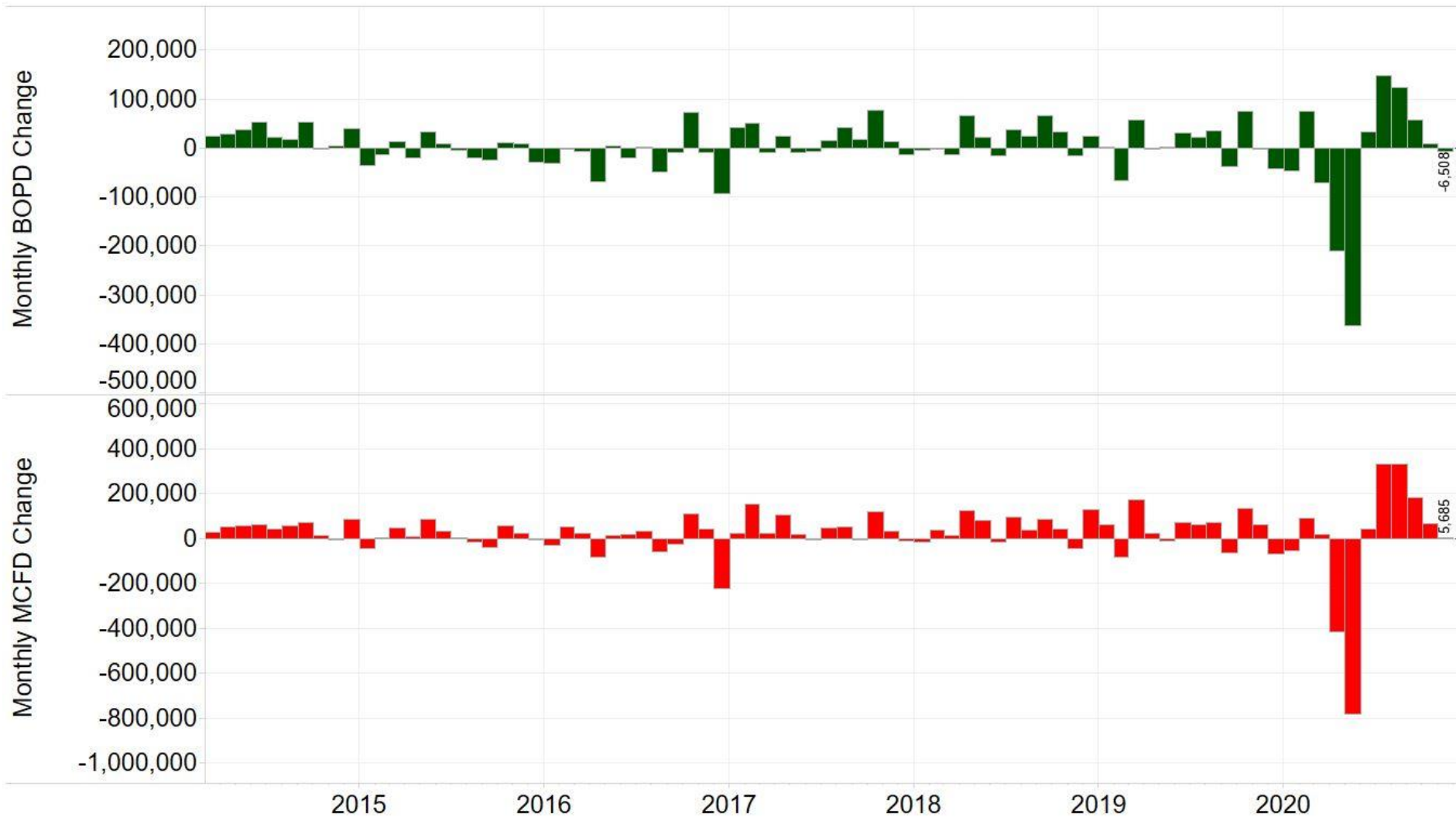
January 2021 Monthly Update  
North Dakota Pipeline Authority  
Justin J. Kringstad  
January 15, 2021

# US Williston Basin Oil Production - 2020

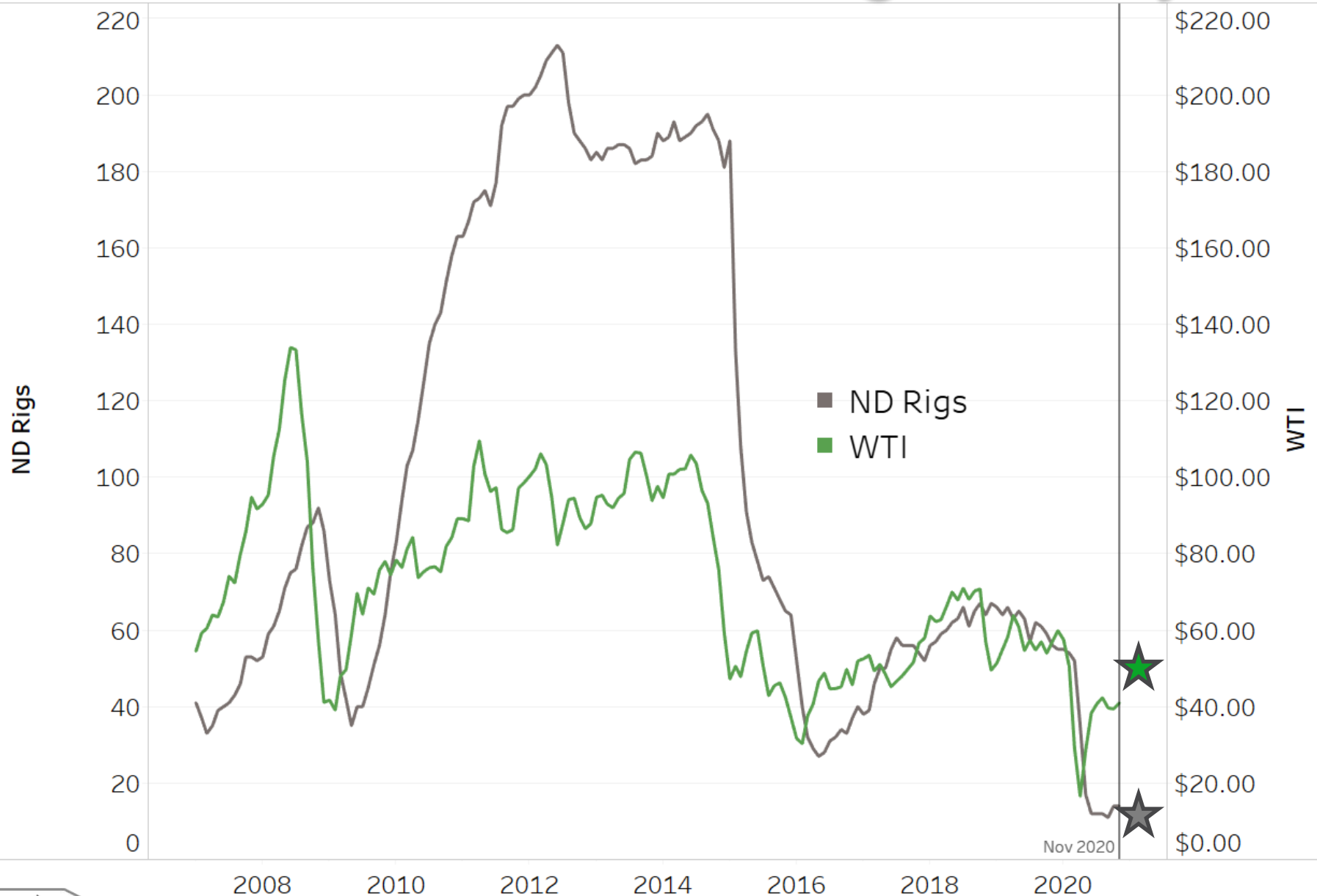
<b>MONTH</b>	<b>ND</b>	<b>Eastern MT*</b>	<b>SD</b>	<b>TOTAL</b>
January	1,430,646	57,435	3,091	1,491,172
February	1,505,045	55,409	3,070	1,563,524
March	1,433,730	57,699	2,946	1,494,375
April	1,223,975	49,025	2,610	1,275,610
May	860,586	37,028	2,466	900,080
June	893,756	42,808	2,680	939,244
July	1,042,242	48,373	3,435	1,094,050
August	1,165,379	46,883	2,807	1,215,069
September	1,223,107	46,980	2,837	1,272,924
October	1,231,048	39,957	2,718	1,273,723
November	1,224,540			
December				



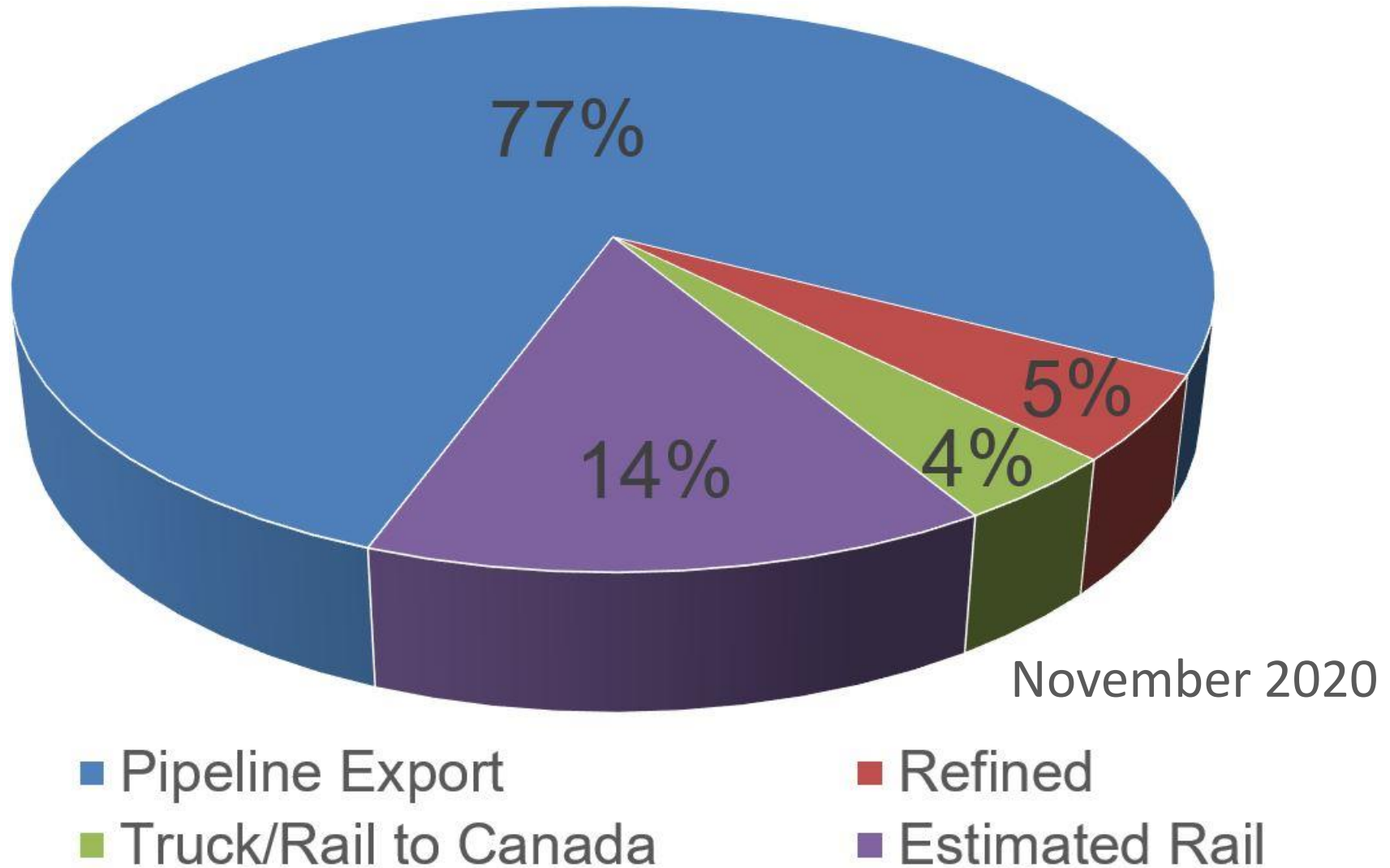
# North Dakota Monthly Production Change



# North Dakota Drilling Activity

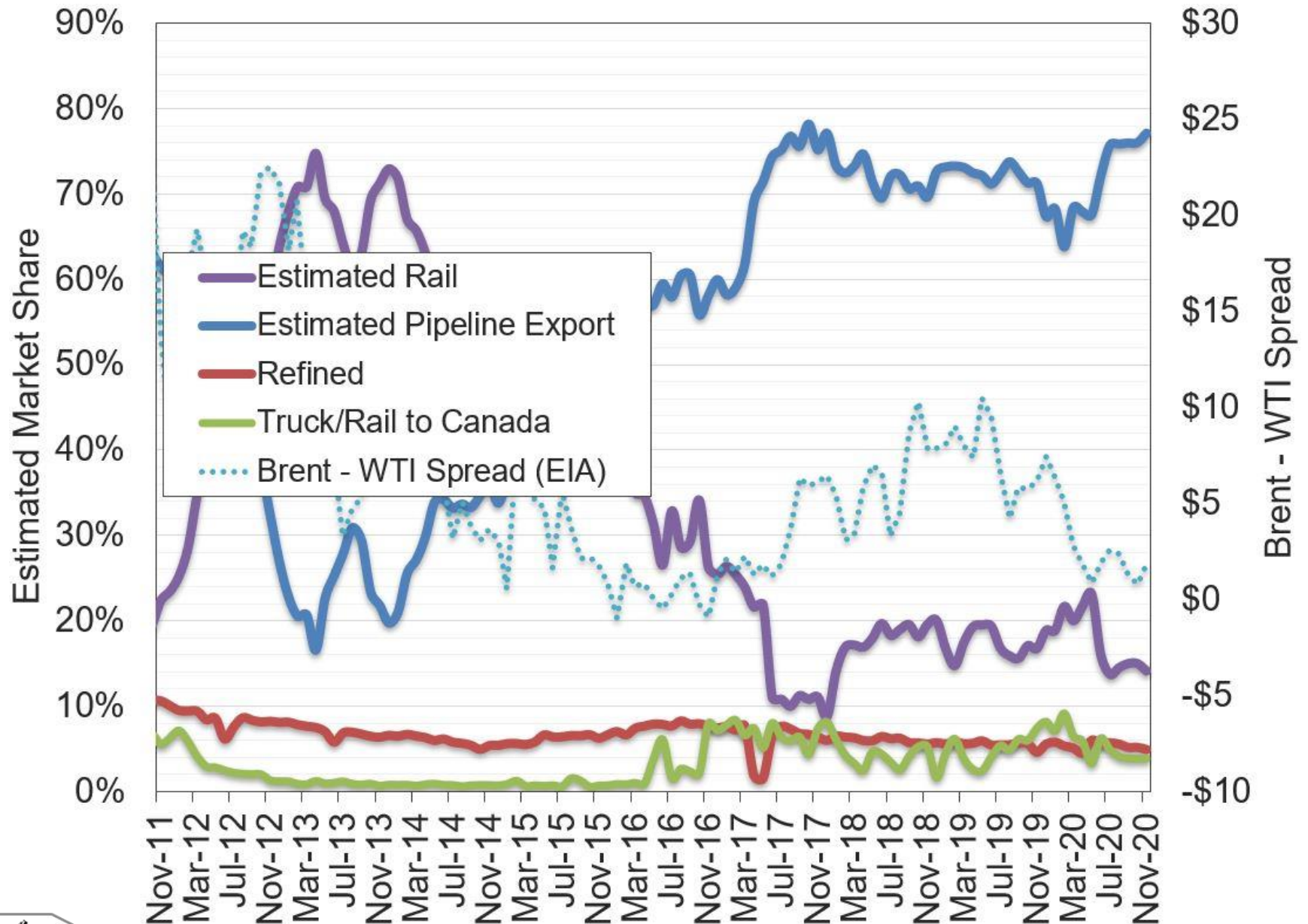


# Estimated Williston Basin Oil Transportation





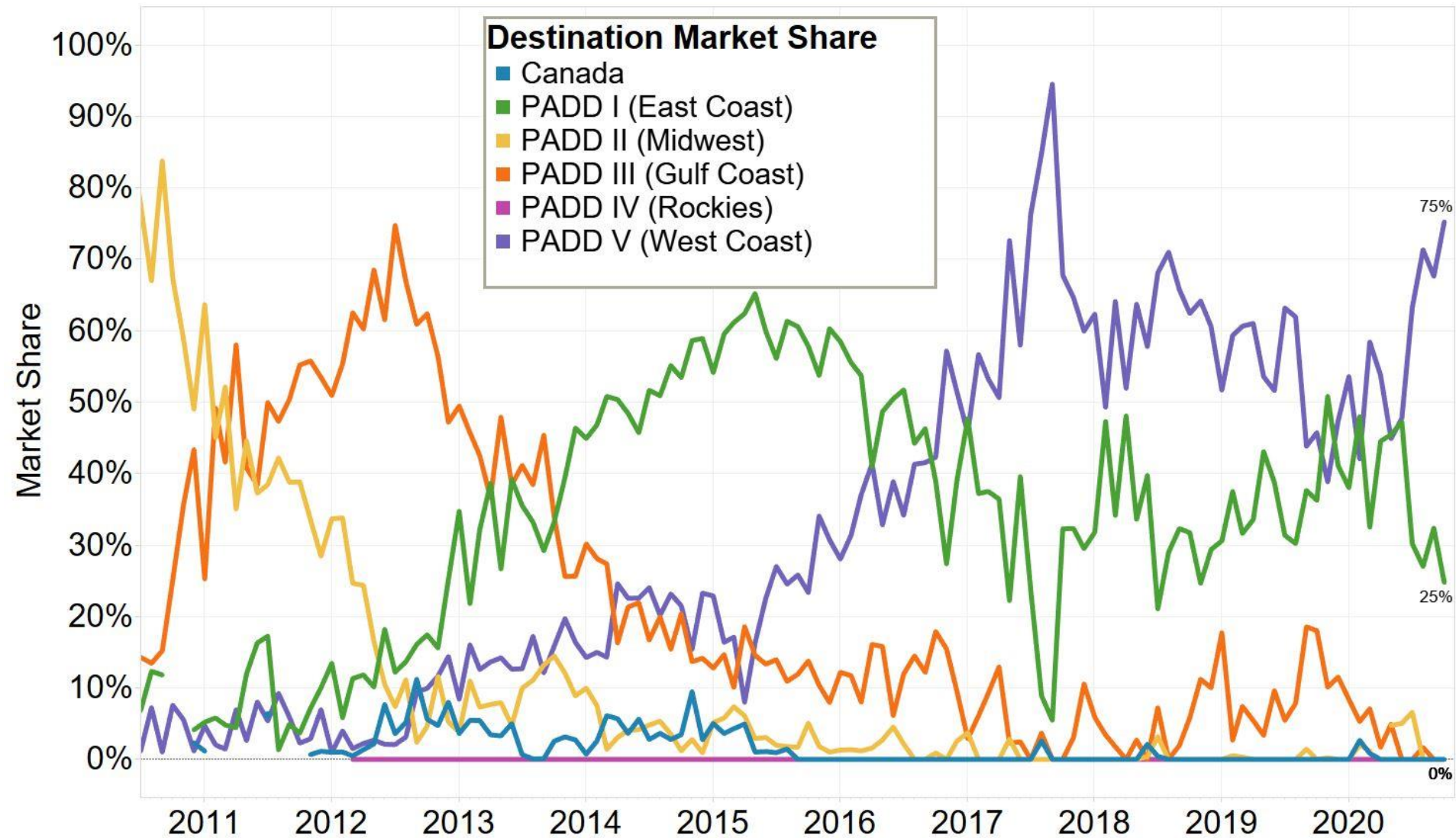
# Estimated Williston Basin Oil Transportation



# Estimated ND Rail Export Volumes



# Rail Destinations Market Share (Oct. 2020)

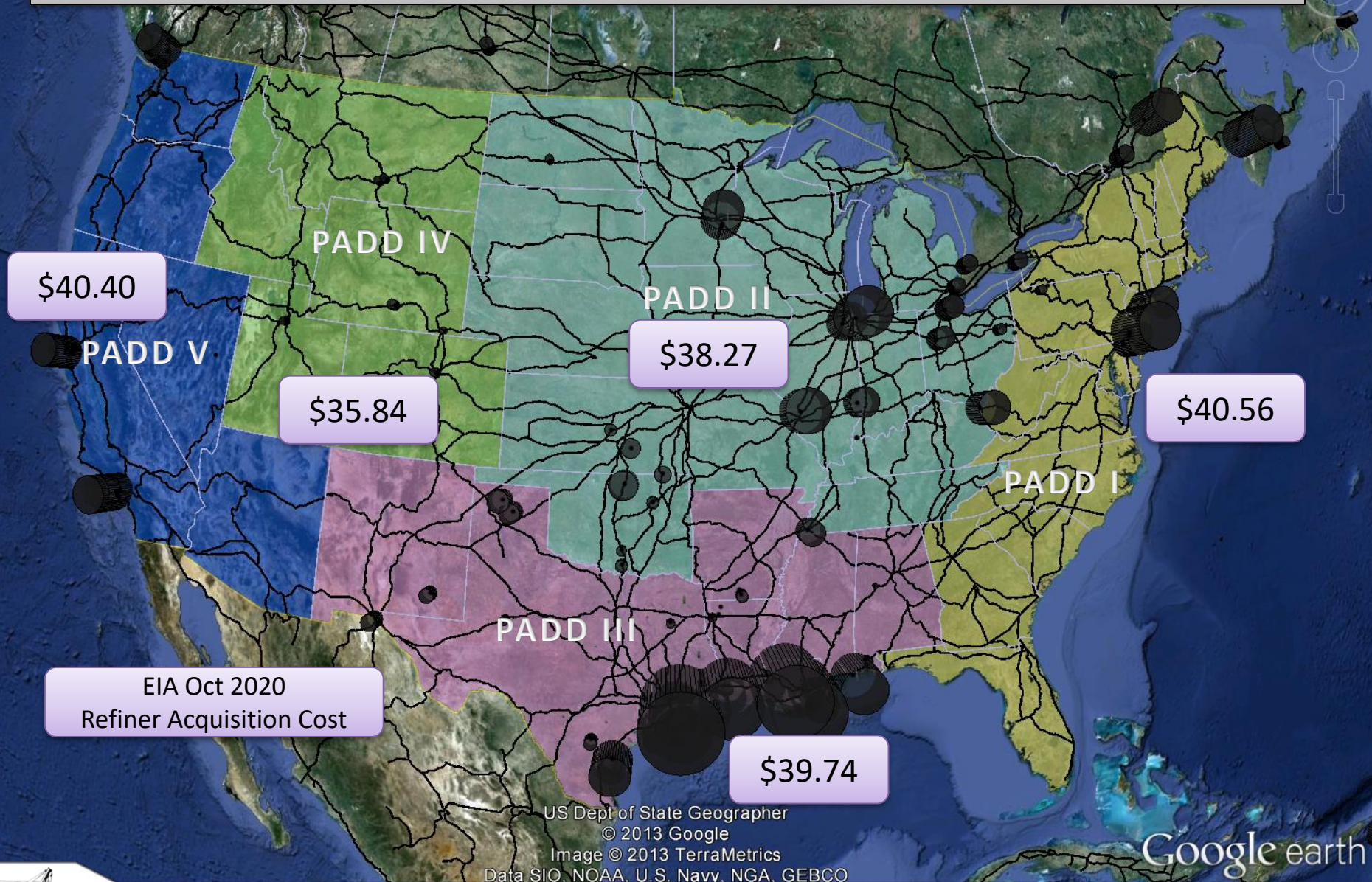


*Data for Rail Destination Market Share Provided by the US Energy Information Administration*



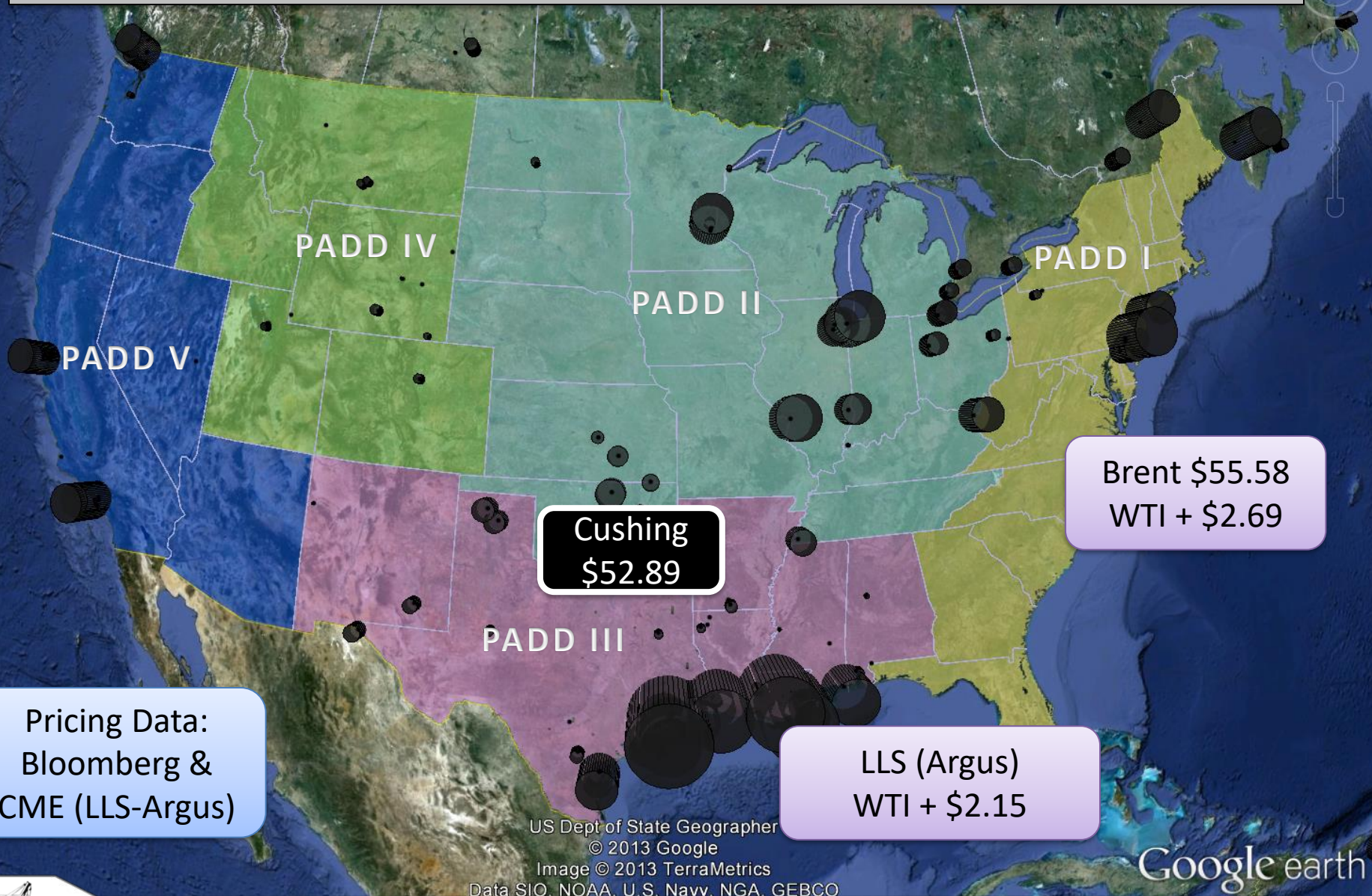


# Major Rail Lines and Refineries

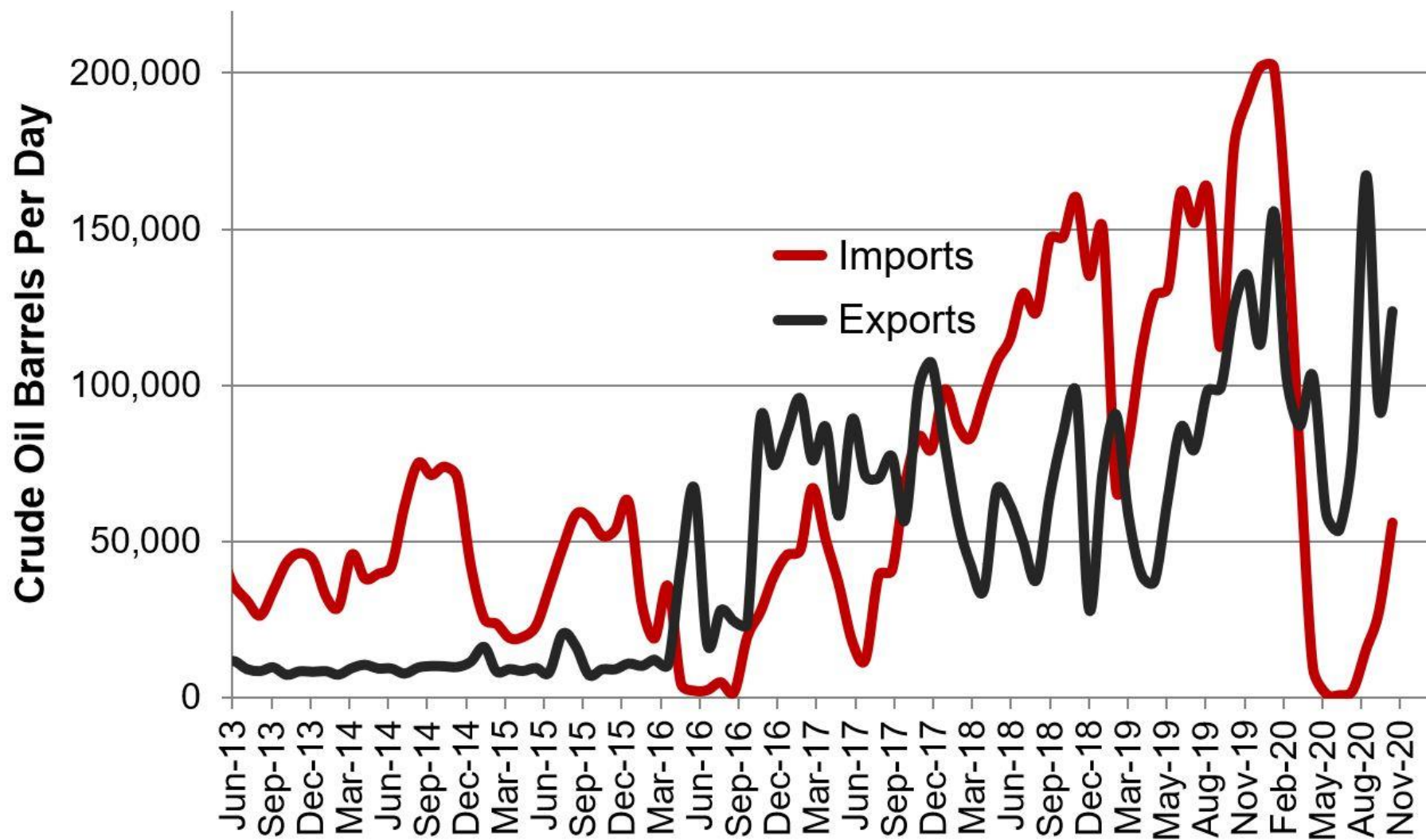




# Crude Oil Prices – Jan. 15, 2020



# Williston Basin Truck/Rail Imports and Exports with Canada

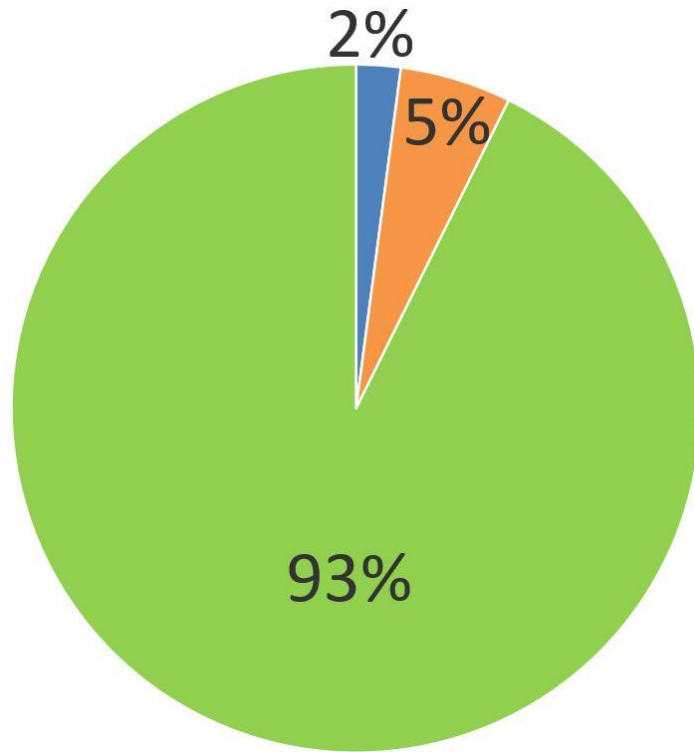


***Data for imports/exports chart is provided by the US International Trade Commission and represents traffic across US/Canada border in the Williston Basin area.***





# 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

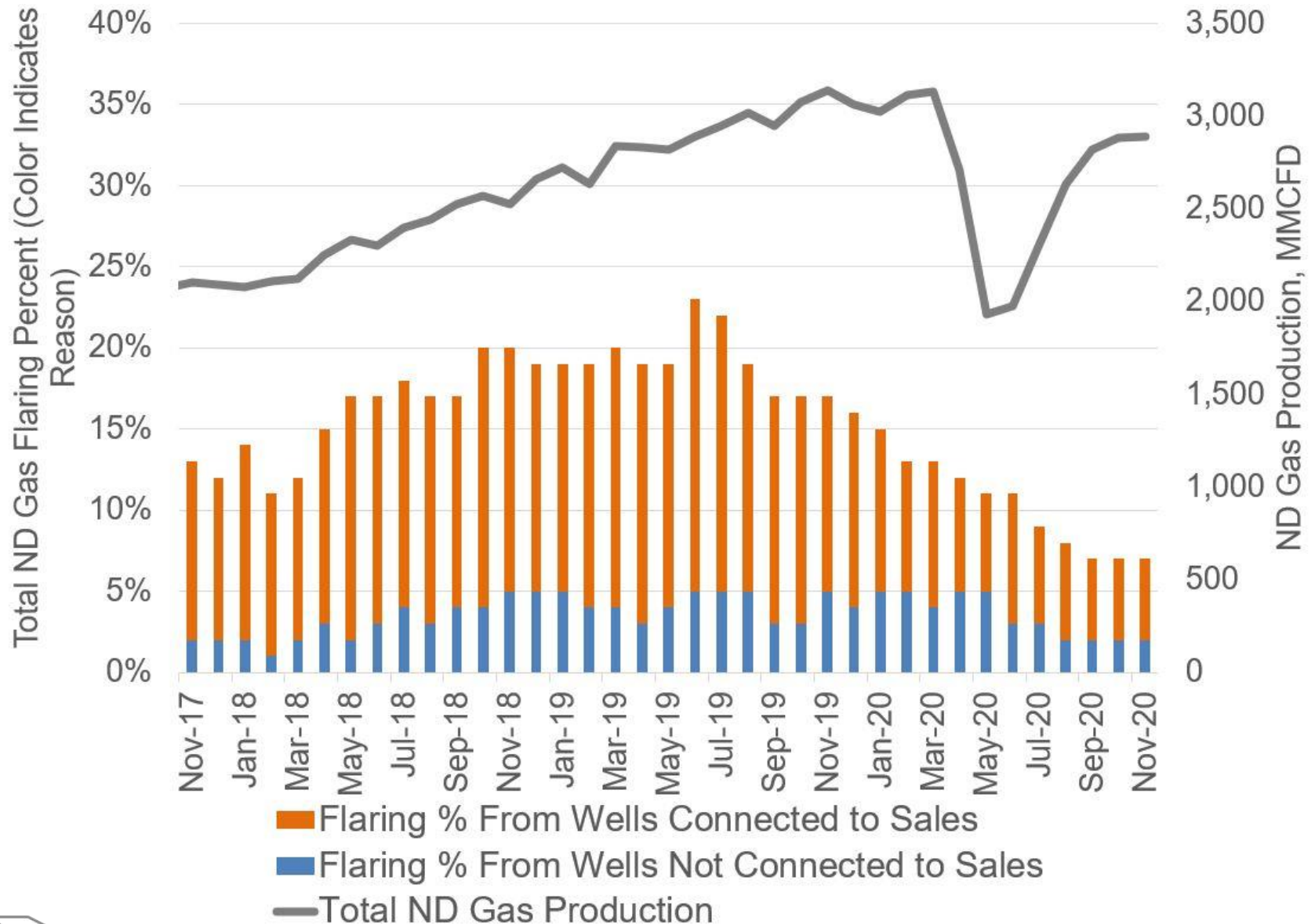
**Blue** – Lack of pipelines  
**Orange** – Challenges on existing infrastructure

November 2020 Data – Non-Confidential Wells

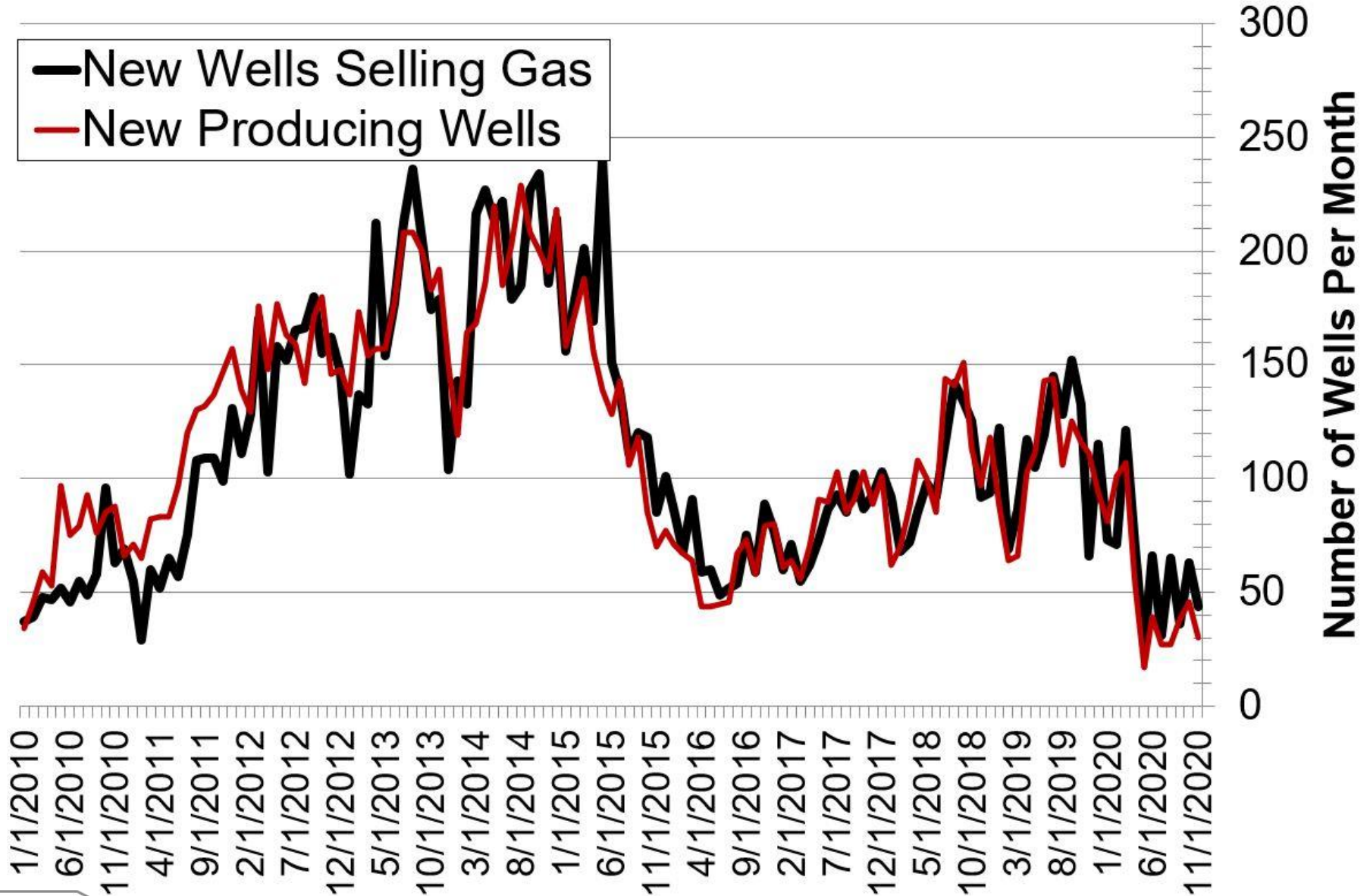




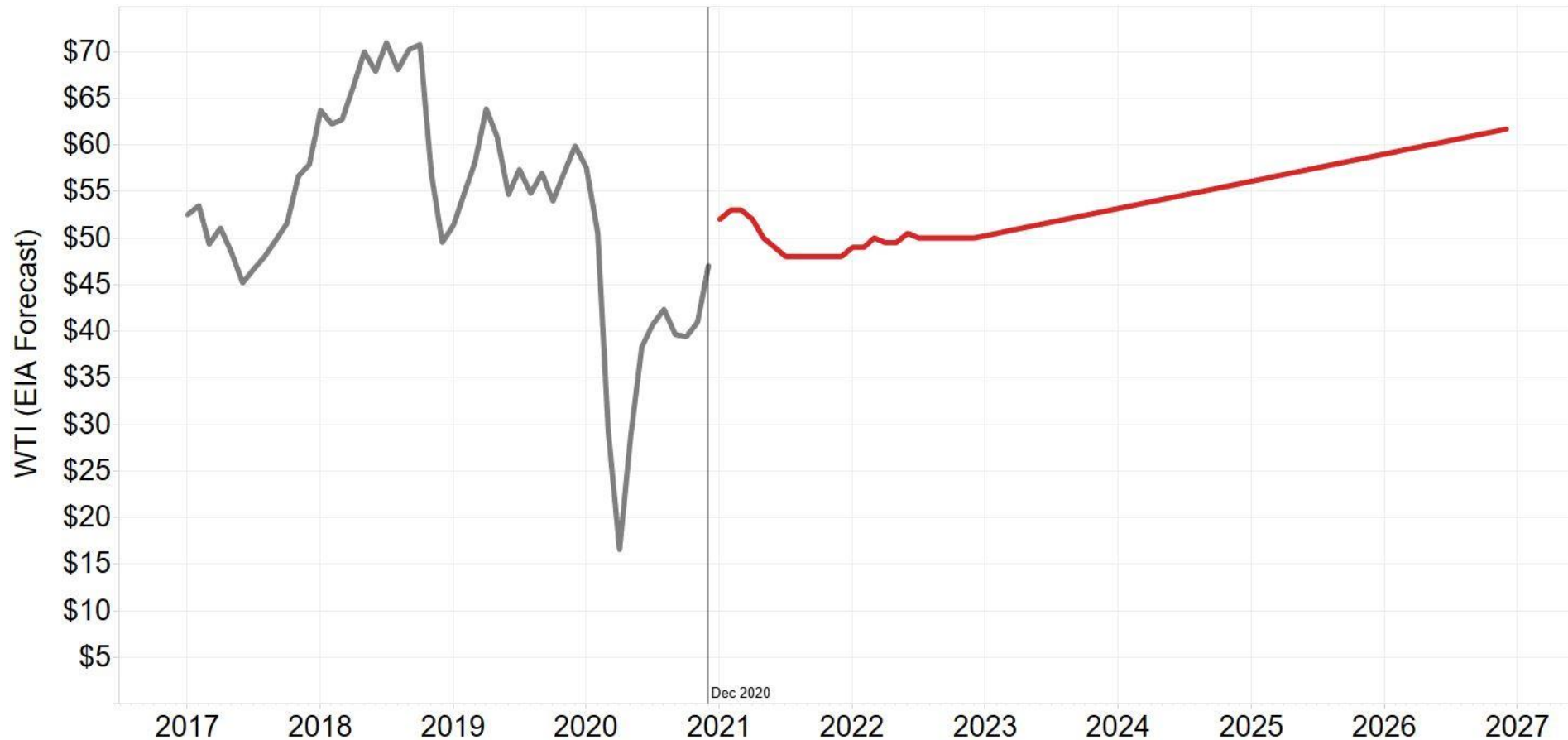
# Solving the Flaring Challenge



# Solving the Flaring Challenge



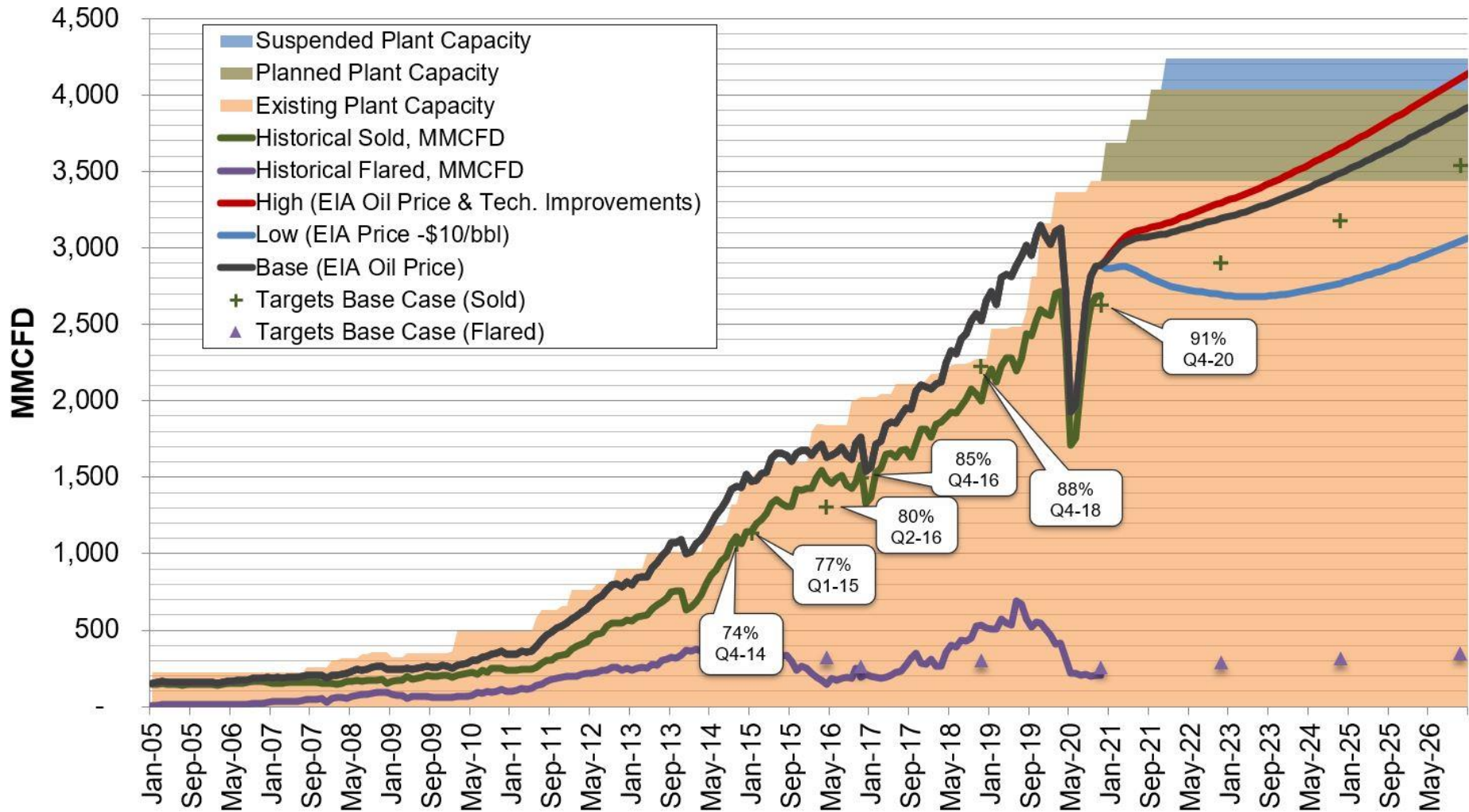
# EIA Oil Price Forecast\*



*\*EIA January 2021 SEO and January 2020 AEO Blend*

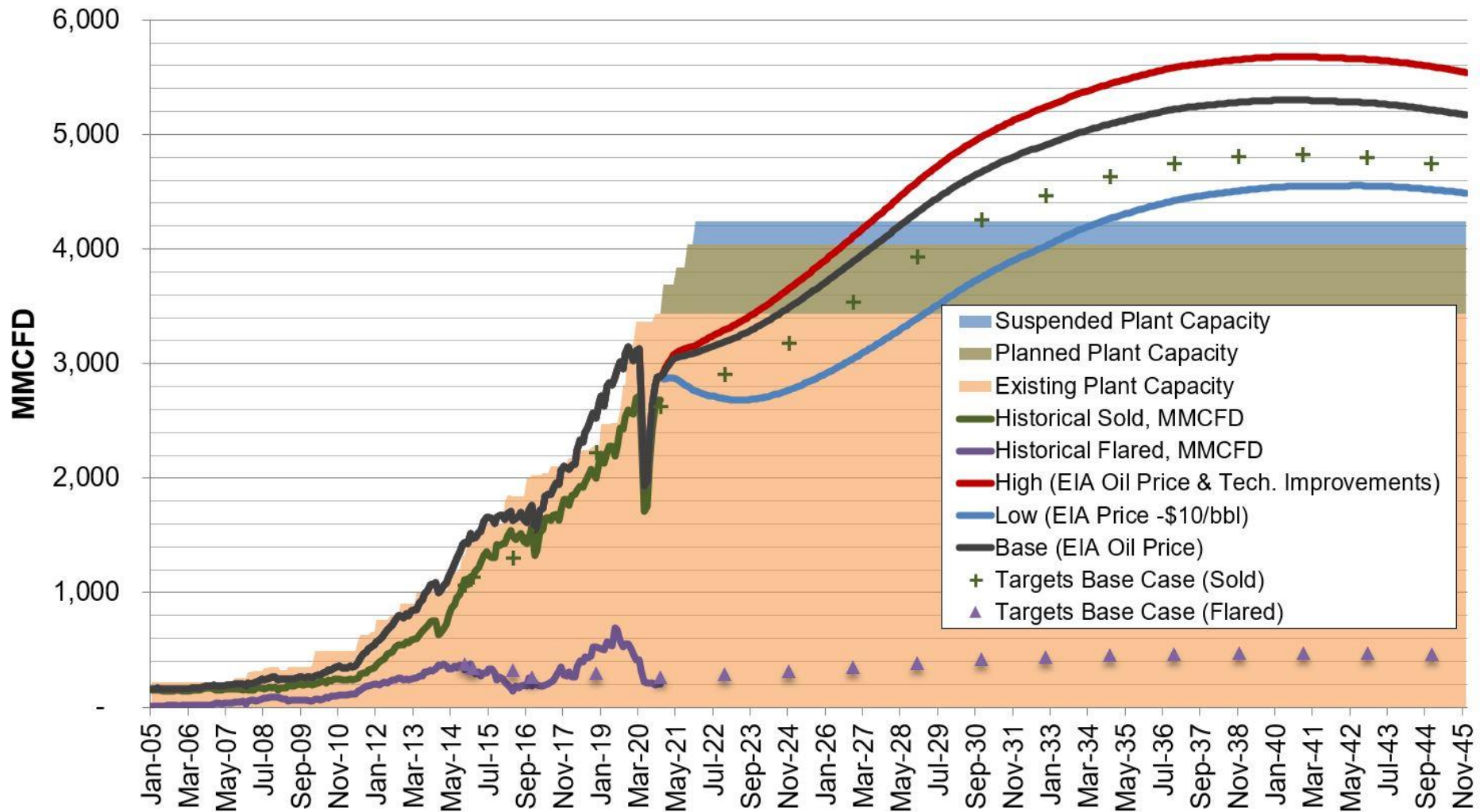


# Solving the Flaring Challenge

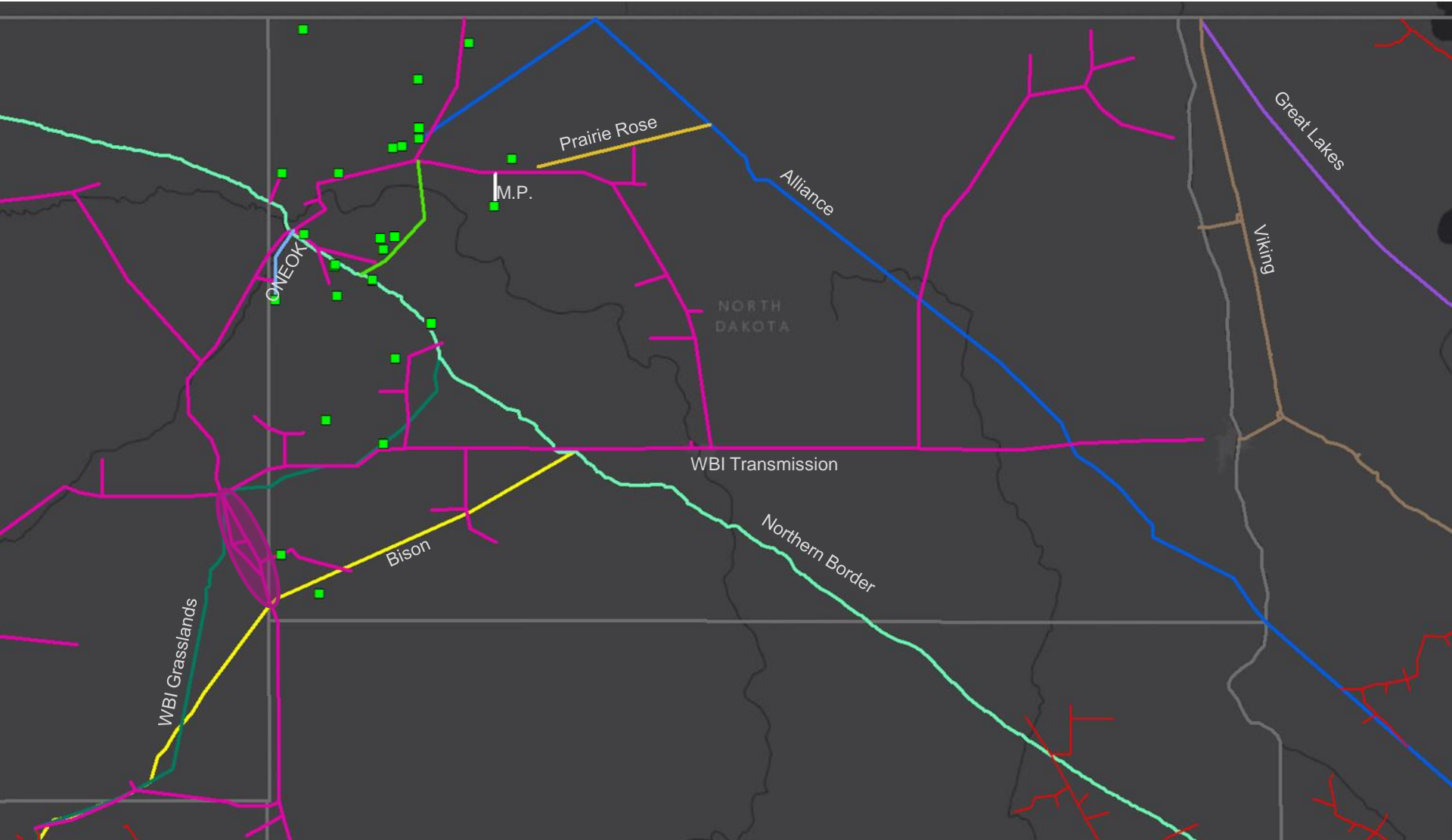




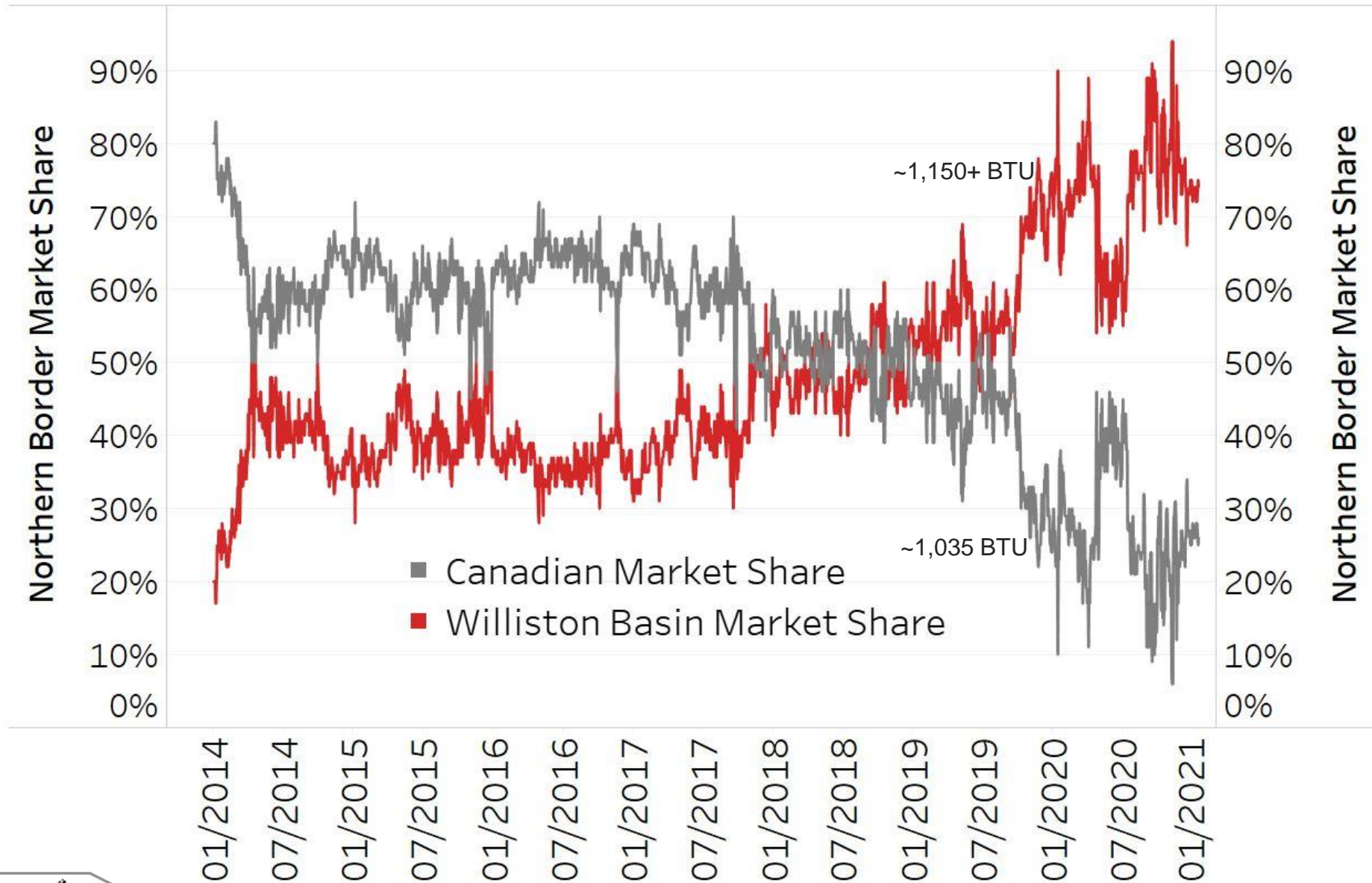
# Solving the Flaring Challenge



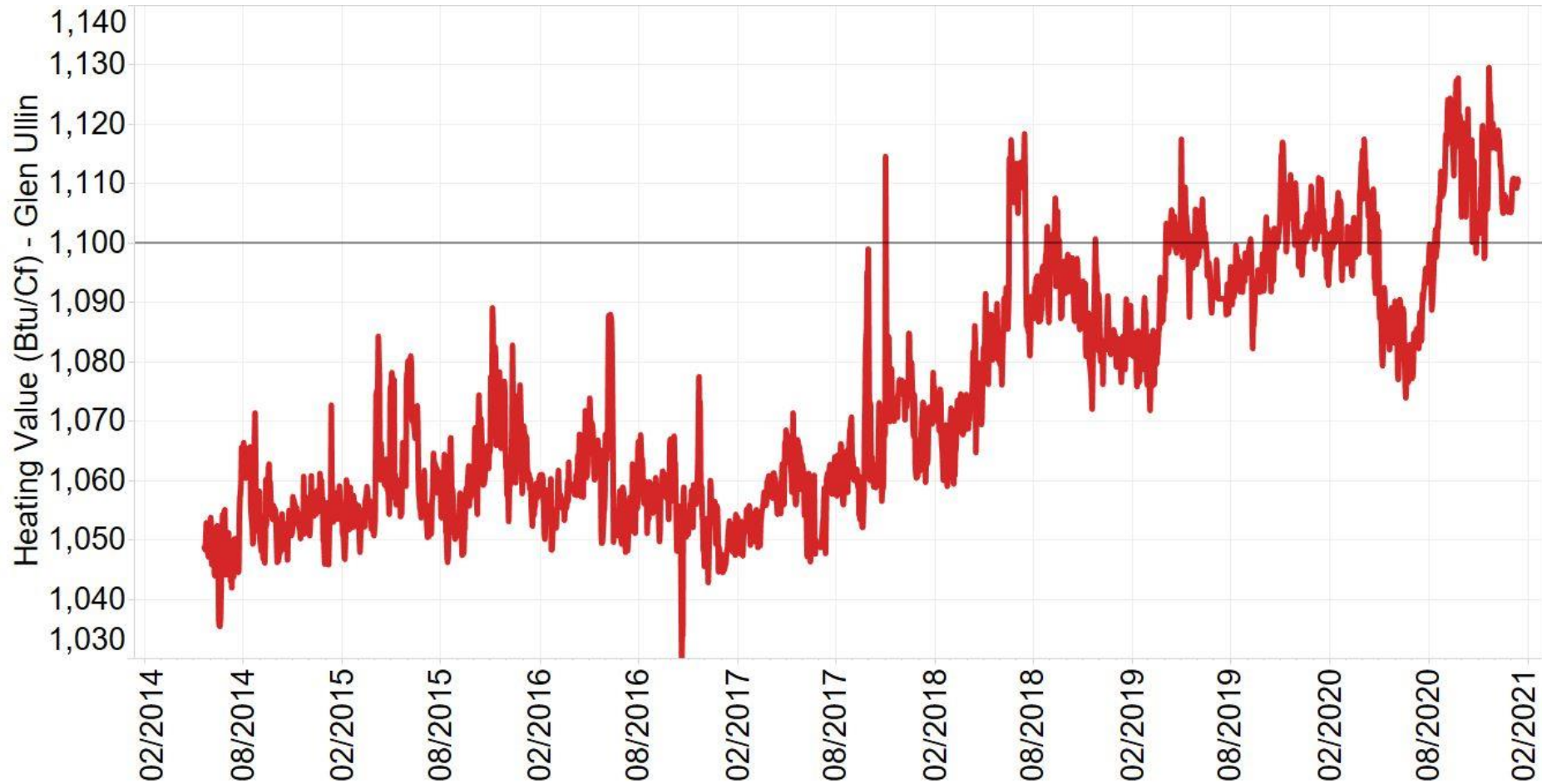
# Major Gas Pipeline and Processing Infrastructure



# Northern Border Pipeline Market Share

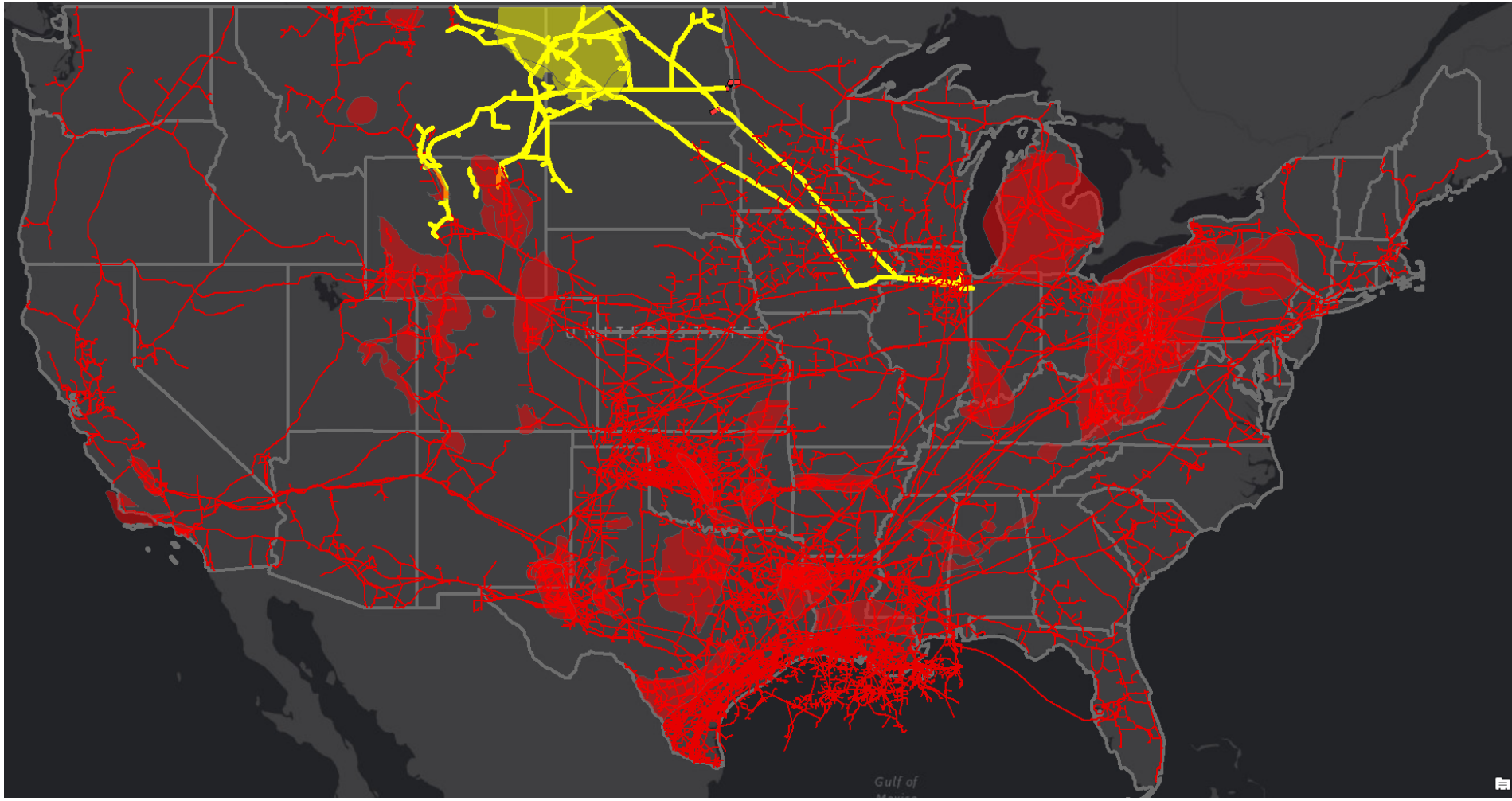


# Northern Border BTU at Glen Ullin, ND





# Bakken Natural Gas Infrastructure



# Contact Information

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



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