



April 2020 Monthly Update
North Dakota Pipeline Authority
Justin J. Kringstad
April 14, 2020

US Williston Basin Oil Production - 2019

MONTH	ND	Eastern MT*	SD	TOTAL
January	1,403,891	57,567	3,341	1,464,799
February	1,336,674	54,637	3,401	1,394,712
March	1,394,124	56,526	3,314	1,453,964
April	1,392,564	63,707	3,283	1,459,554
May	1,395,018	62,512	3,124	1,460,654
June	1,425,210	59,158	3,152	1,487,520
July	1,445,864	55,098	3,129	1,504,090
August	1,481,008	54,923	3,149	1,539,080
September	1,443,964	55,516	3,087	1,502,567
October	1,518,588	59,107	3,083	1,580,778
November	1,519,037	58,702	3,208	1,580,947
December	1,476,777	55,520	3,087	1,535,384

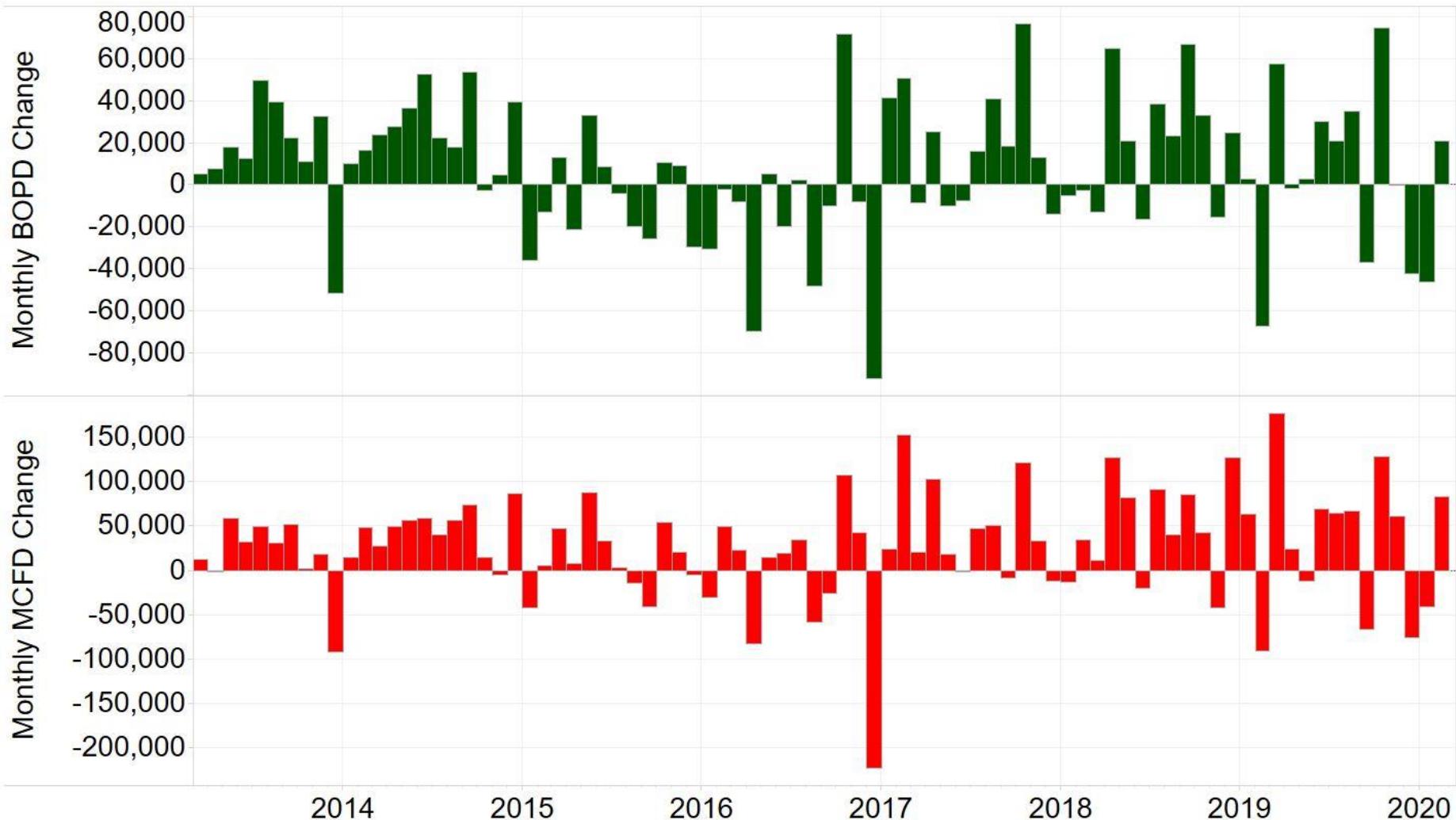


US Williston Basin Oil Production - 2020

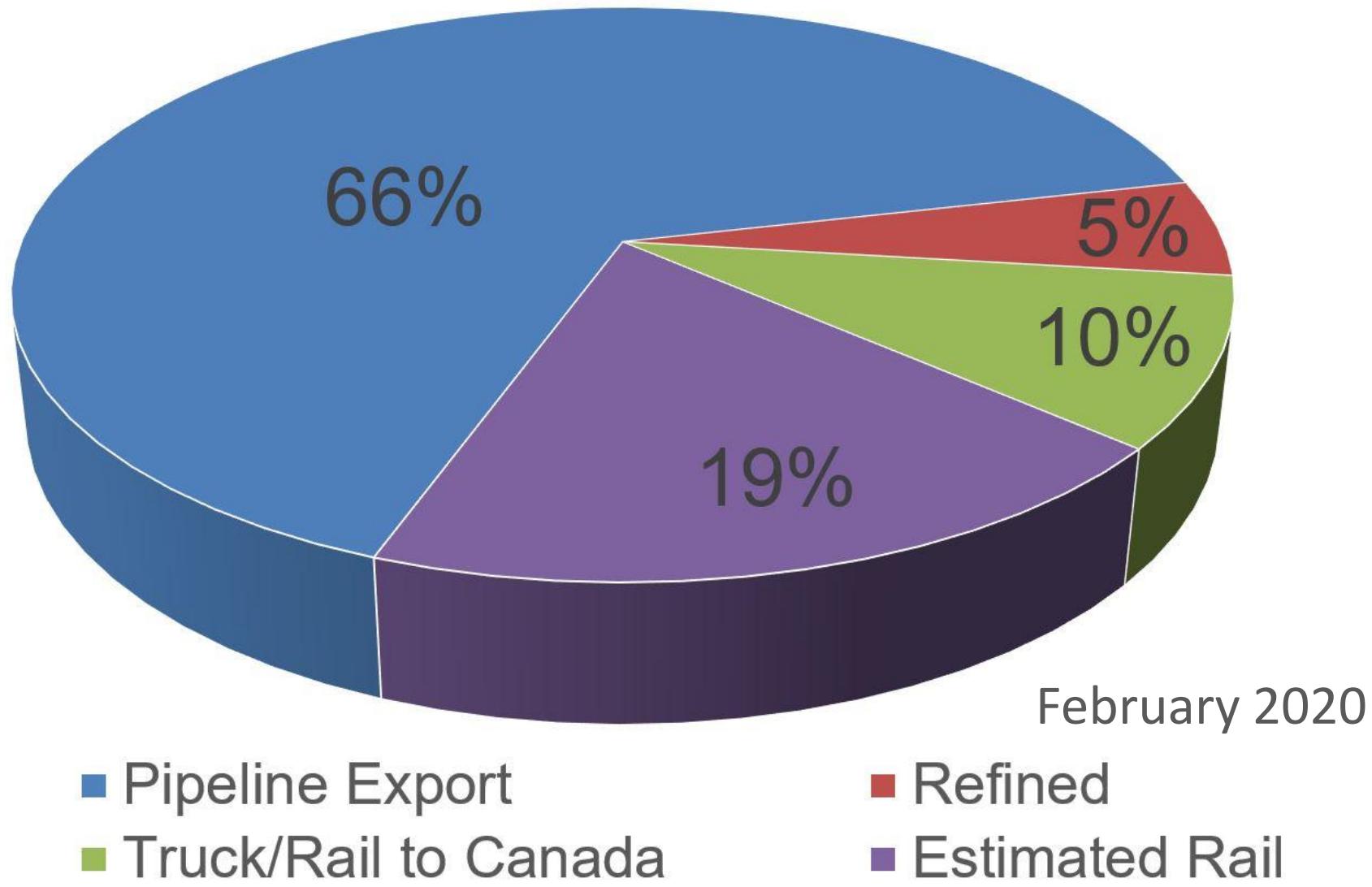
MONTH	ND	Eastern MT*	SD	TOTAL
January	1,430,511		3,091	
February	1,451,029			
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				



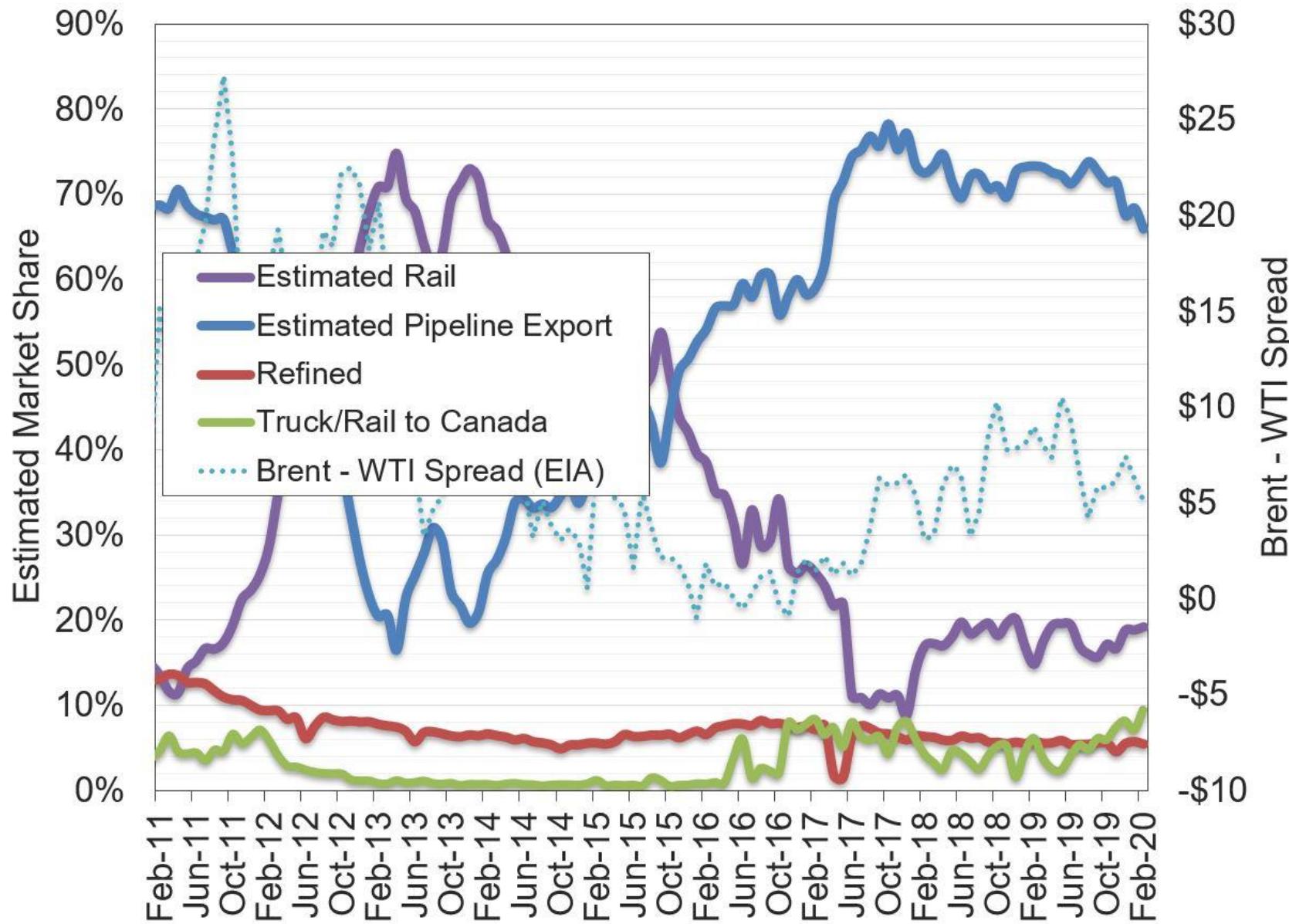
Monthly Production Change



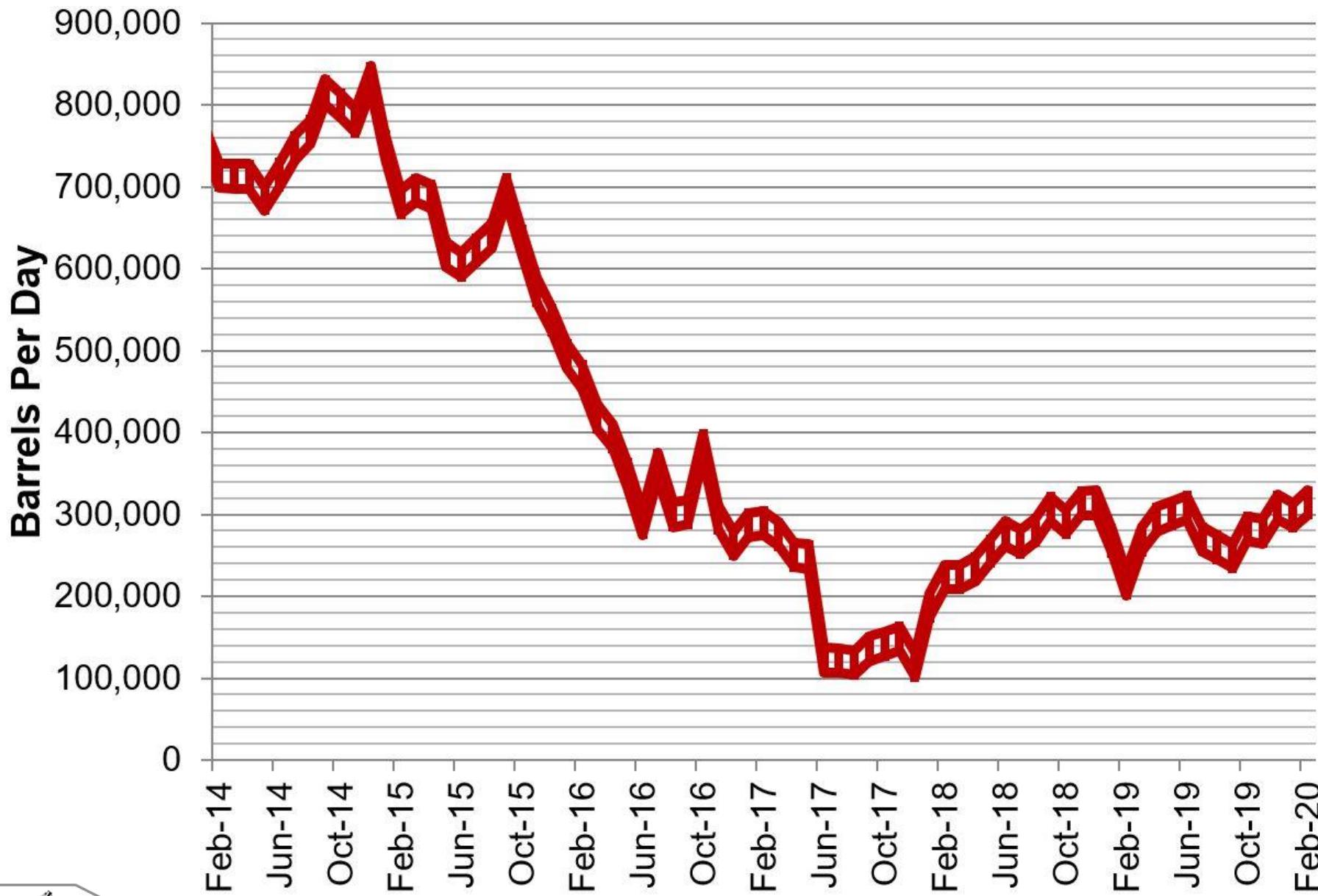
Estimated Williston Basin Oil Transportation



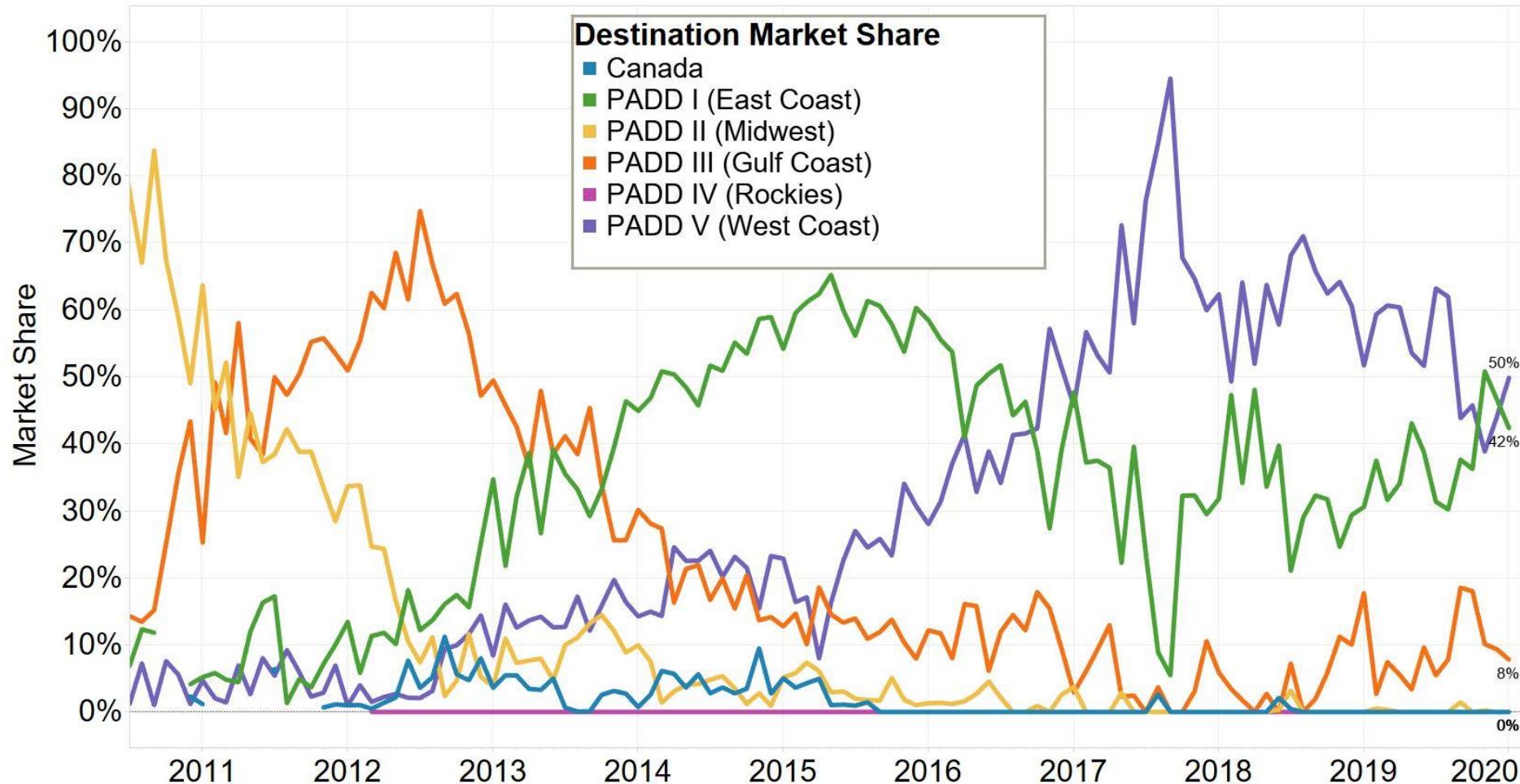
Estimated Williston Basin Oil Transportation



Estimated ND Rail Export Volumes



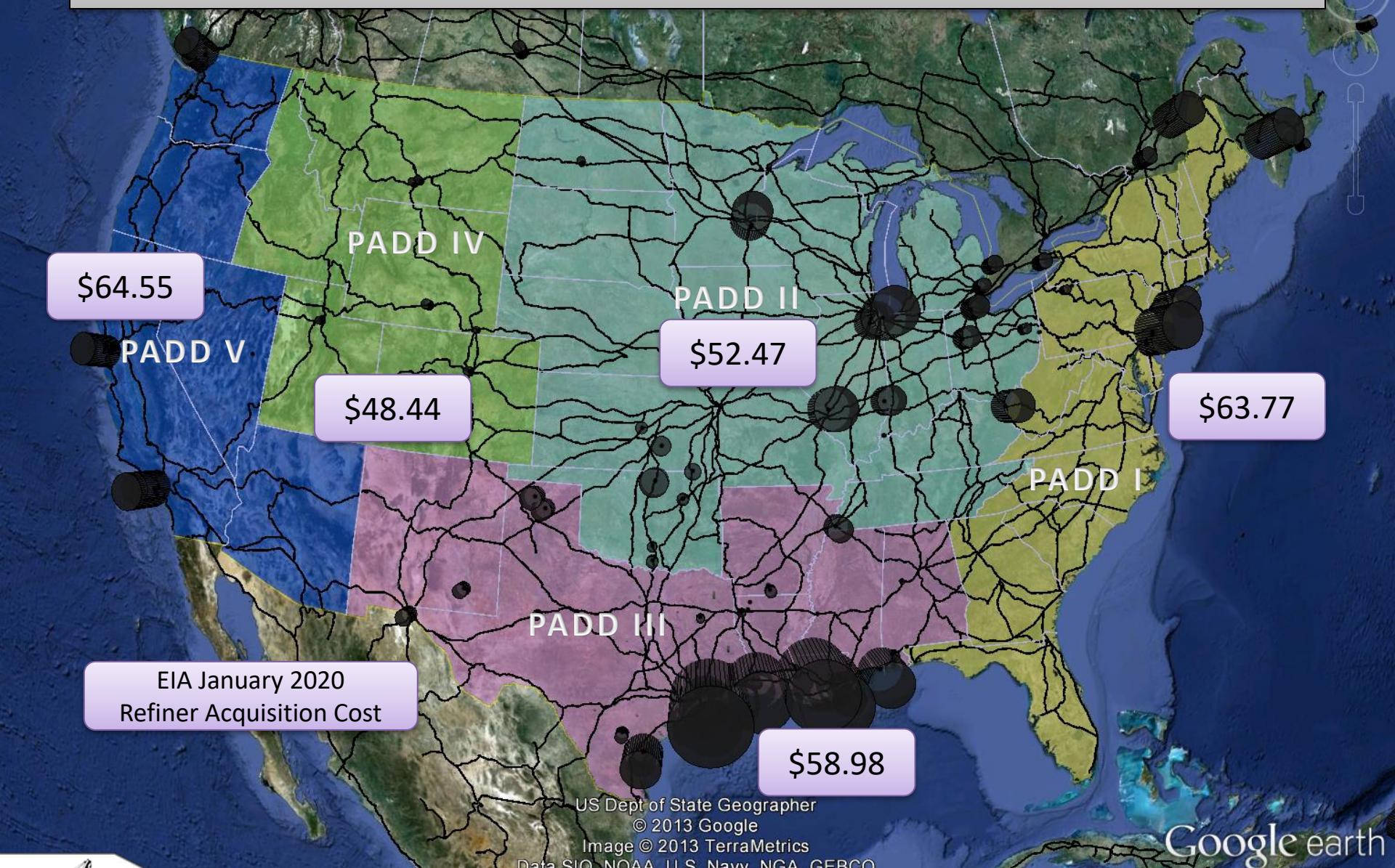
Rail Destinations Market Share (Jan 2020)



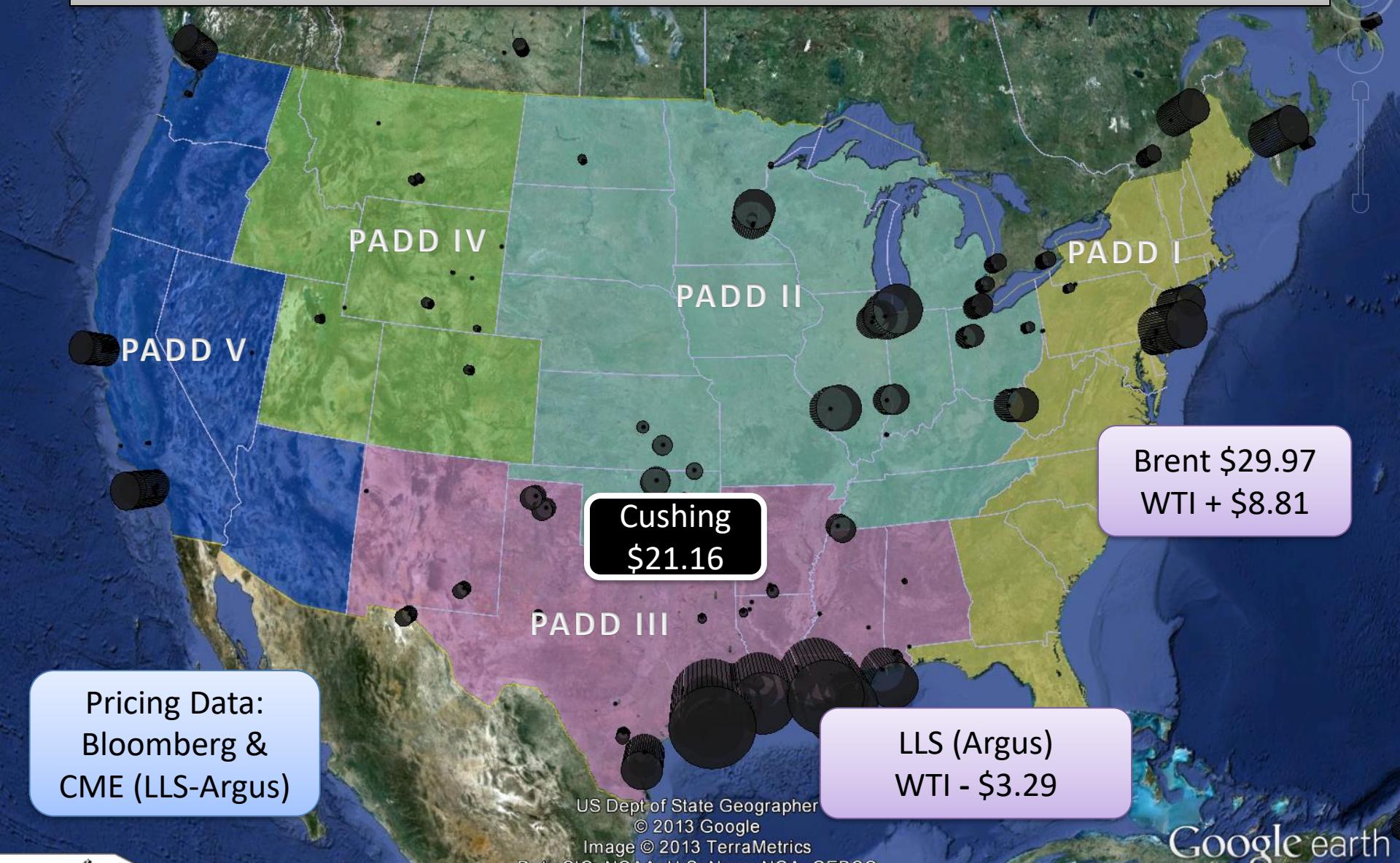
Data for Rail Destination Market Share Provided by the US Energy Information Administration



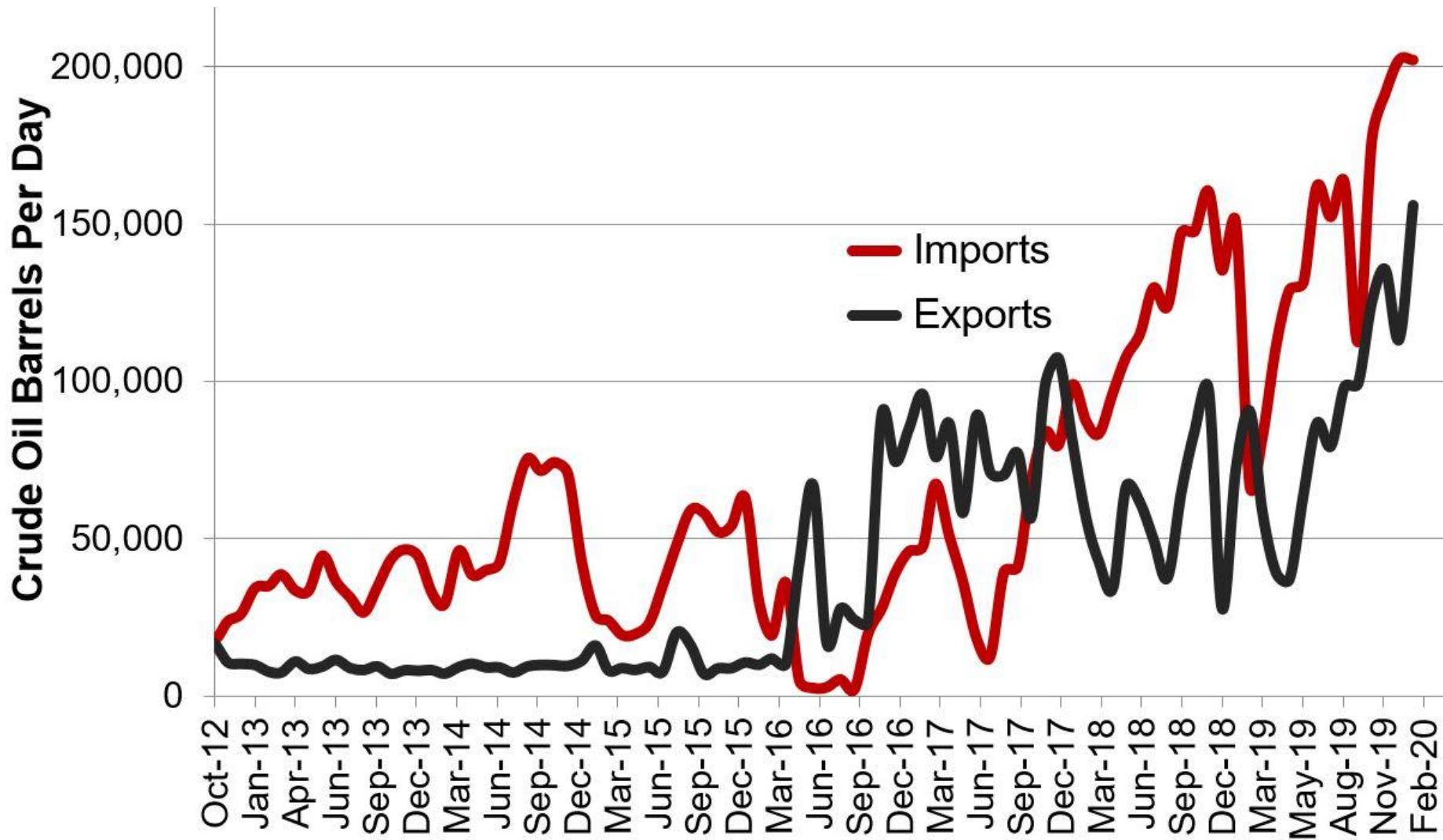
Major Rail Lines and Refineries



Crude Oil Prices – Apr. 14, 2020



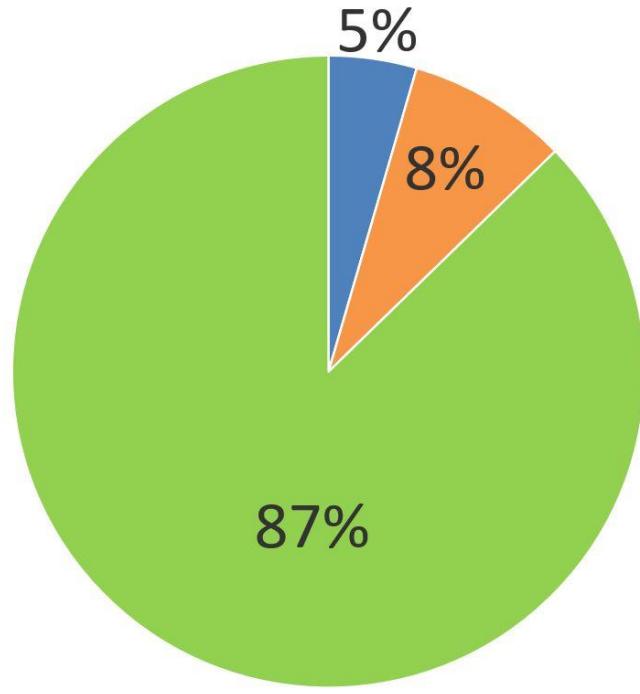
Williston Basin Truck/Rail Imports and Exports with Canada



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



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

Simple Terms

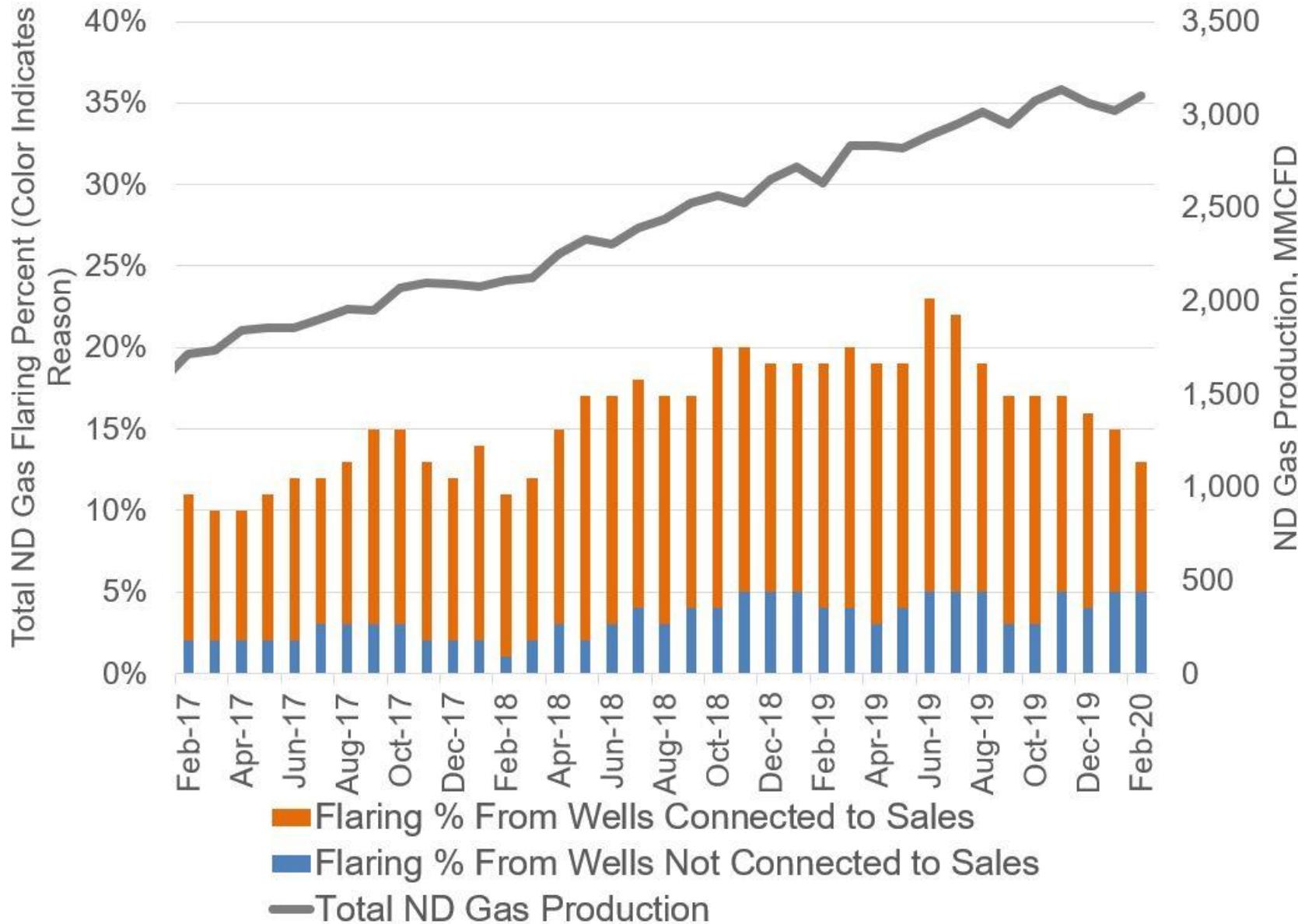
Blue – Lack of pipelines
Orange – Challenges on existing infrastructure

Statewide

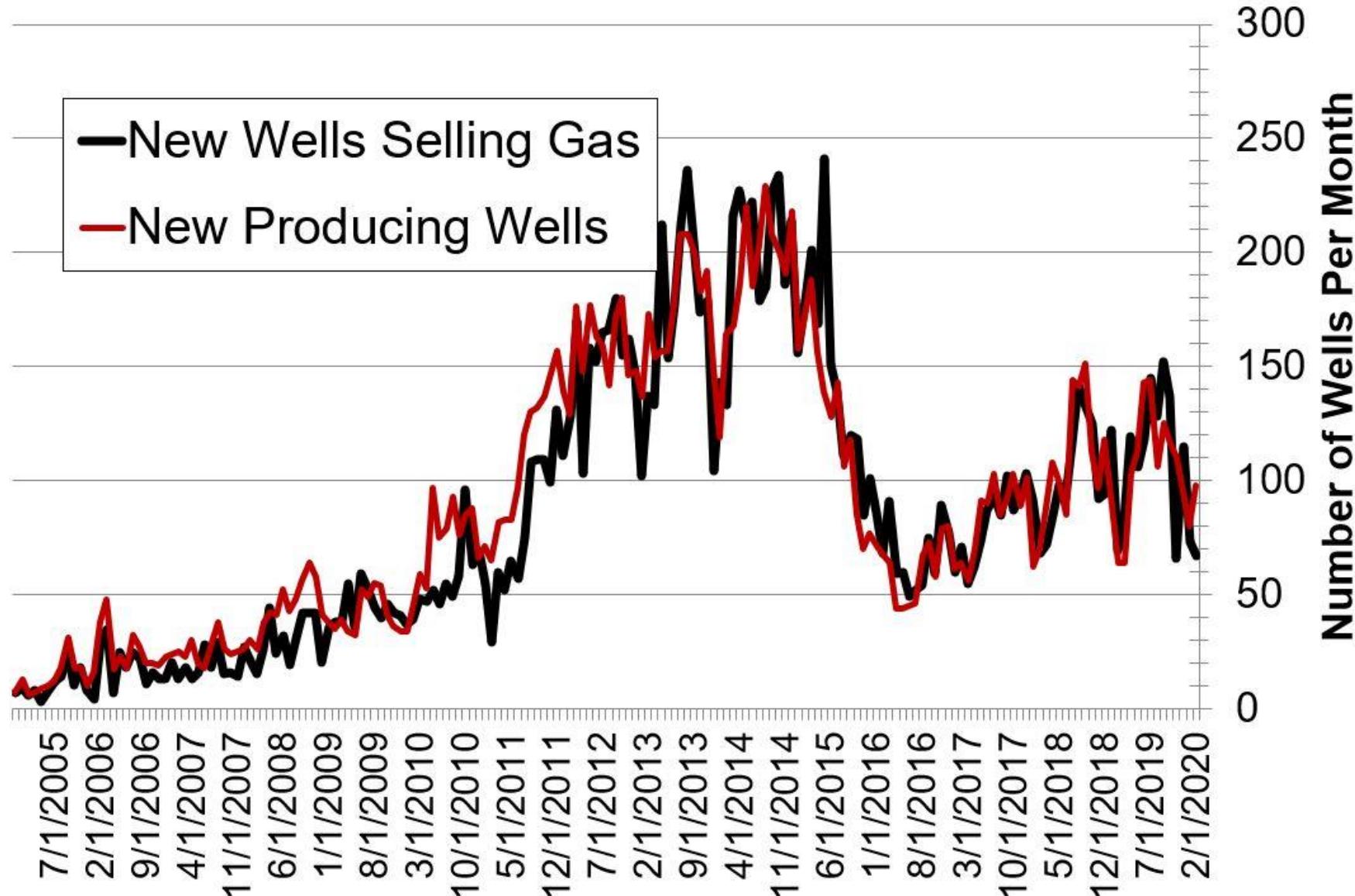
Feb. 2020 Data – Non-Confidential Wells



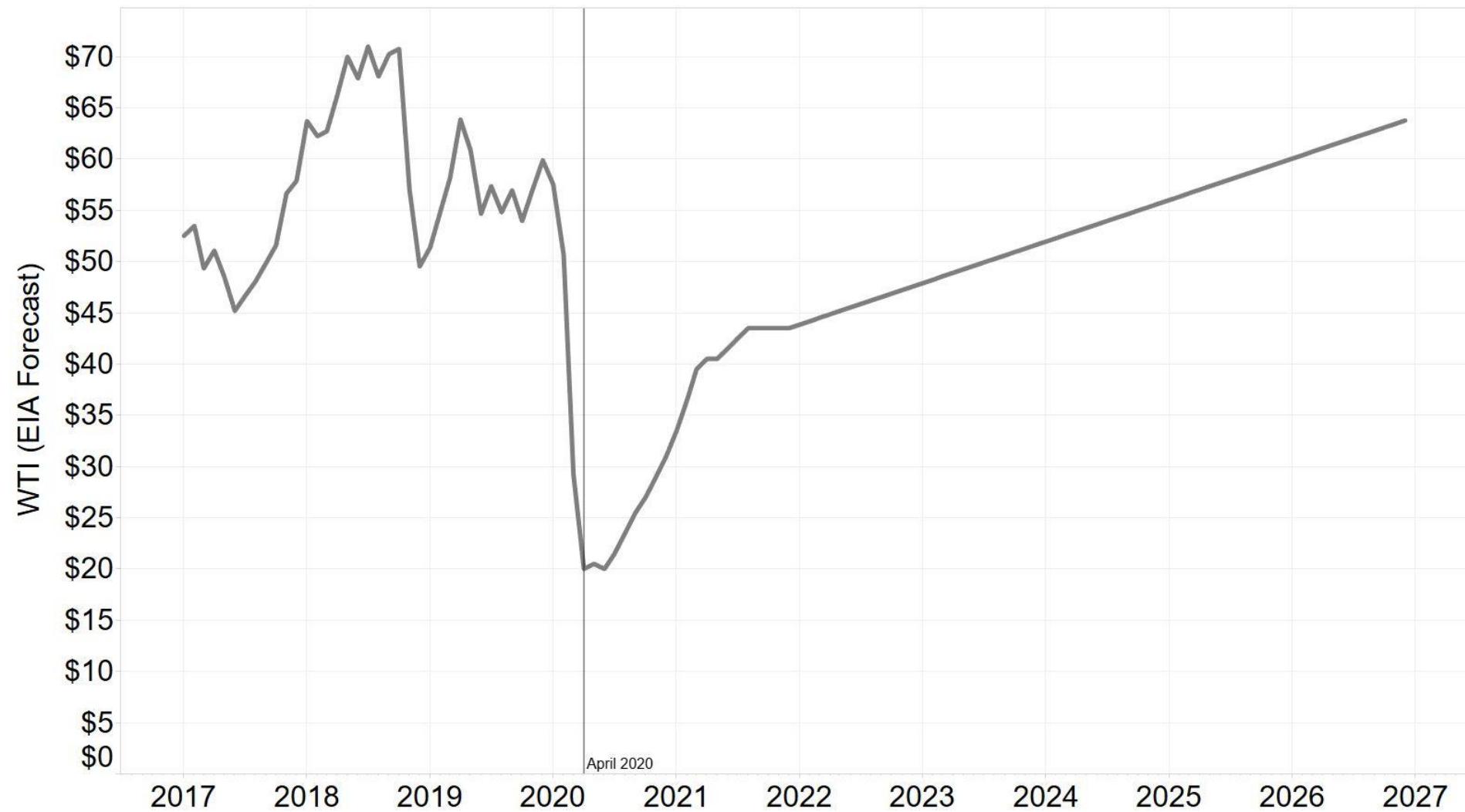
Solving the Flaring Challenge



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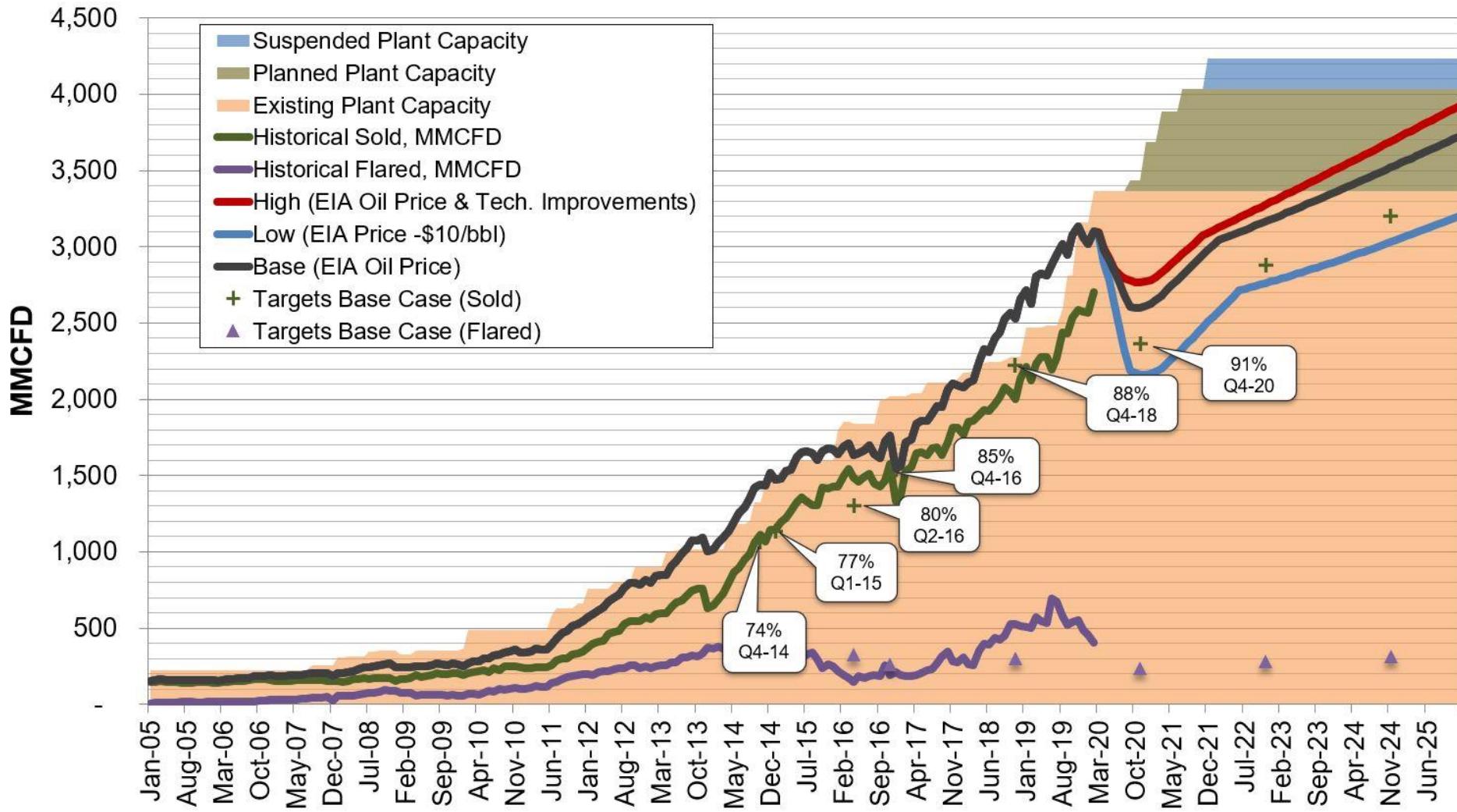
EIA Oil Price Forecast*



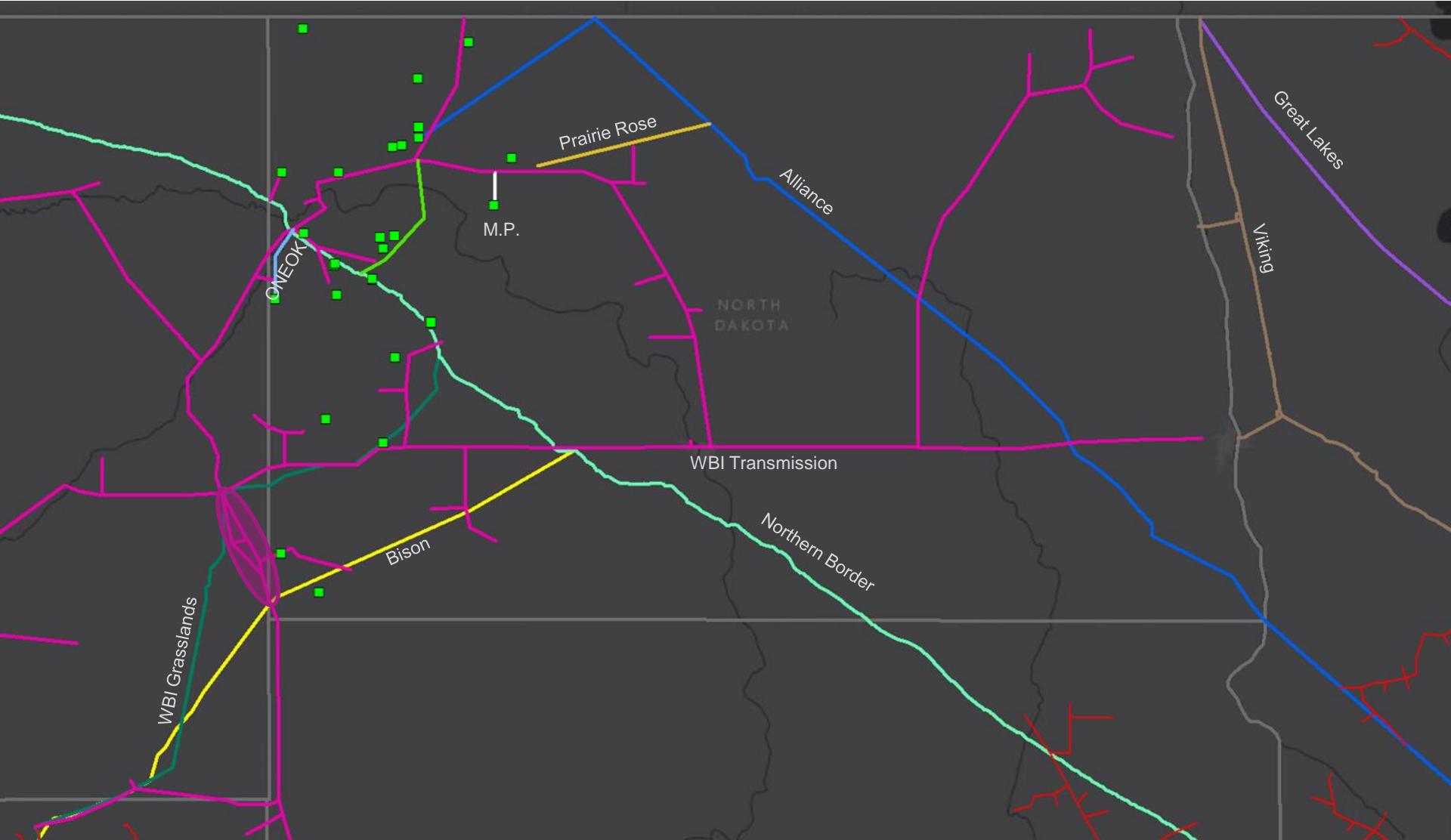
*EIA April 7, 2020 SEO and January 2020 AEO Blend



Solving the Flaring Challenge



Major Gas Pipeline and Processing Infrastructure



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**Know what's below.
Call before you dig.**



JJ Kringstad - North Dakota Pipeline Authority

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