

SENATE APPROPRIATIONS

SB 2345

Justin J. Kringstad

Geological Engineer

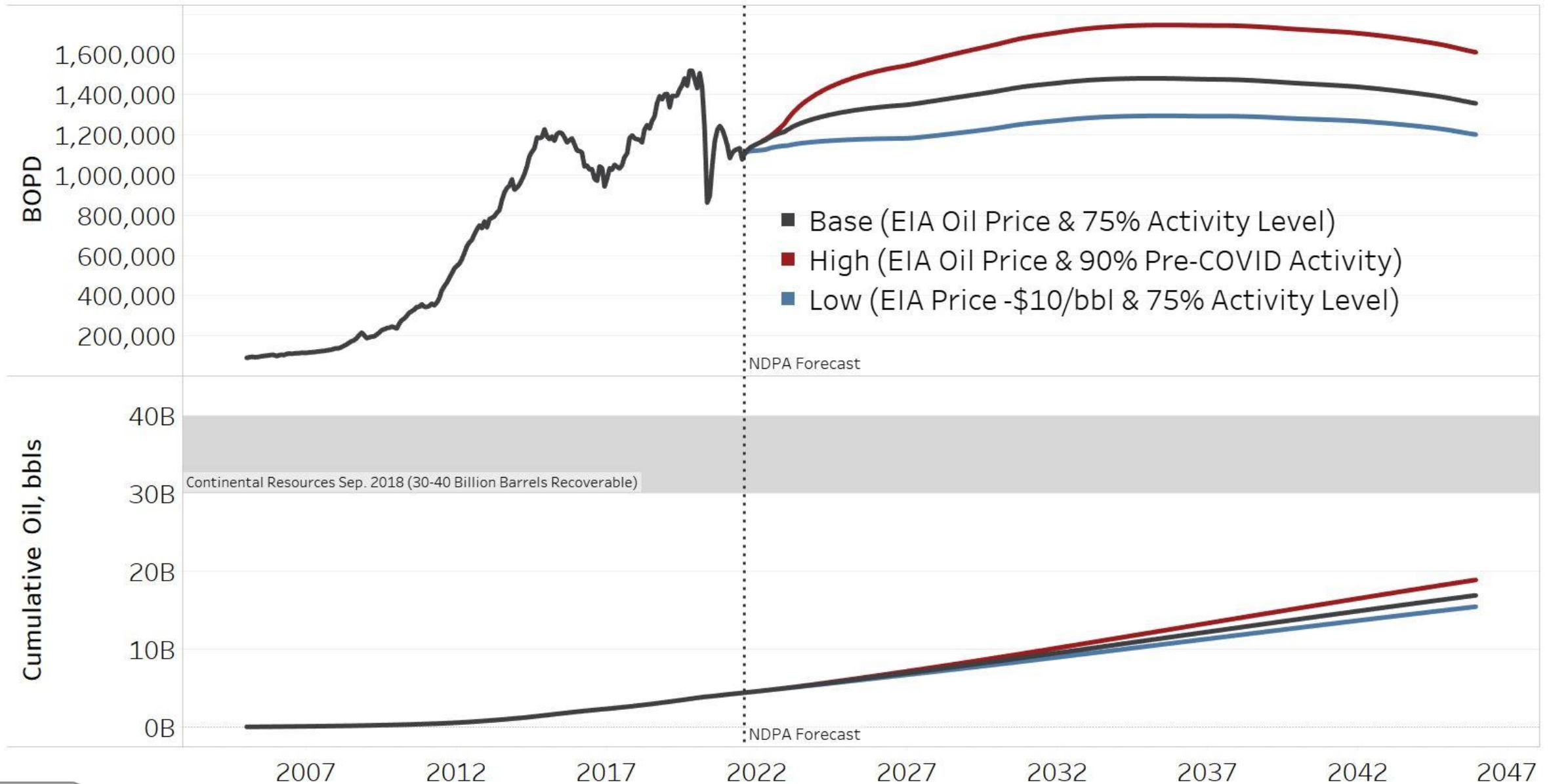
Director

North Dakota Pipeline Authority

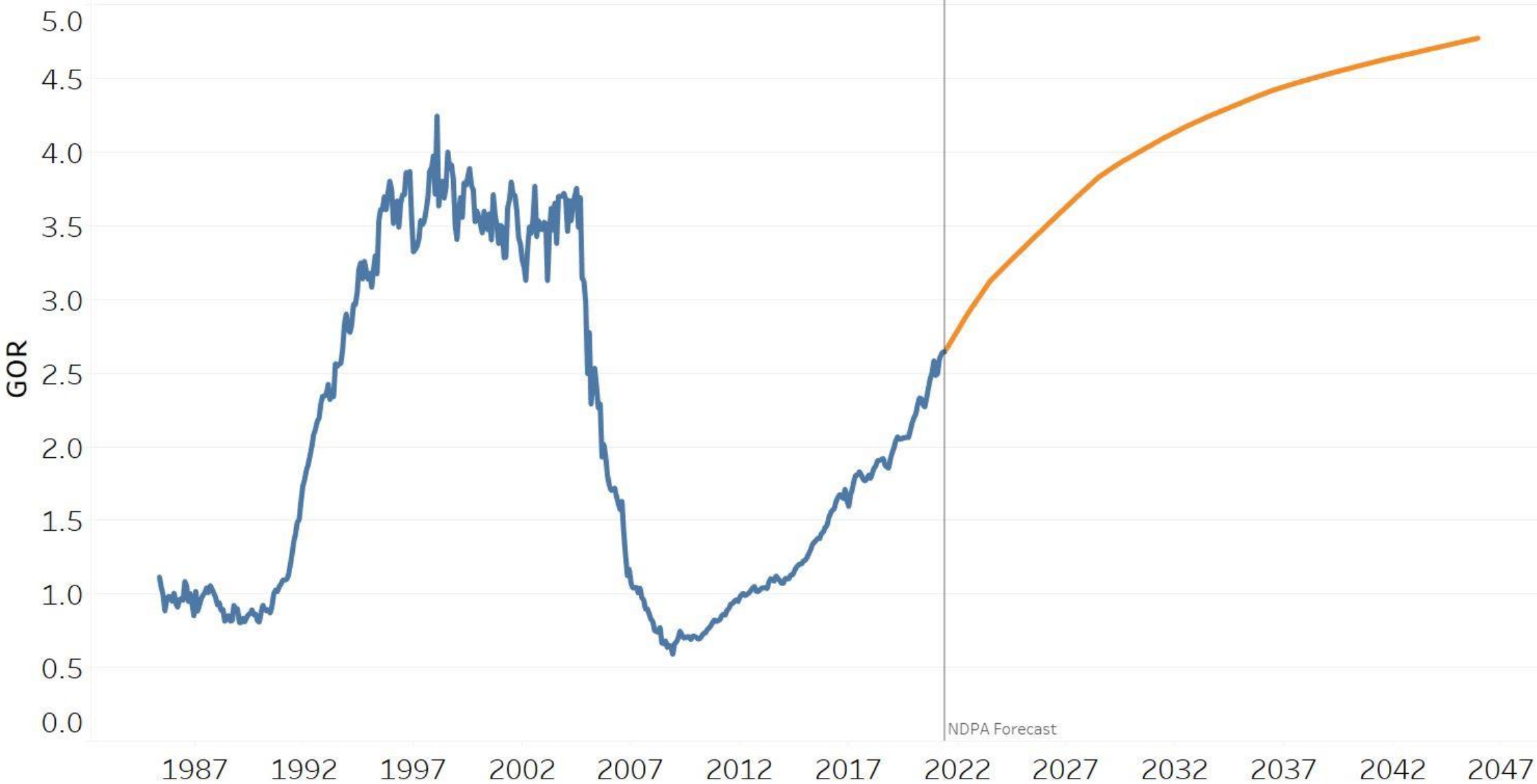
November 9, 2021



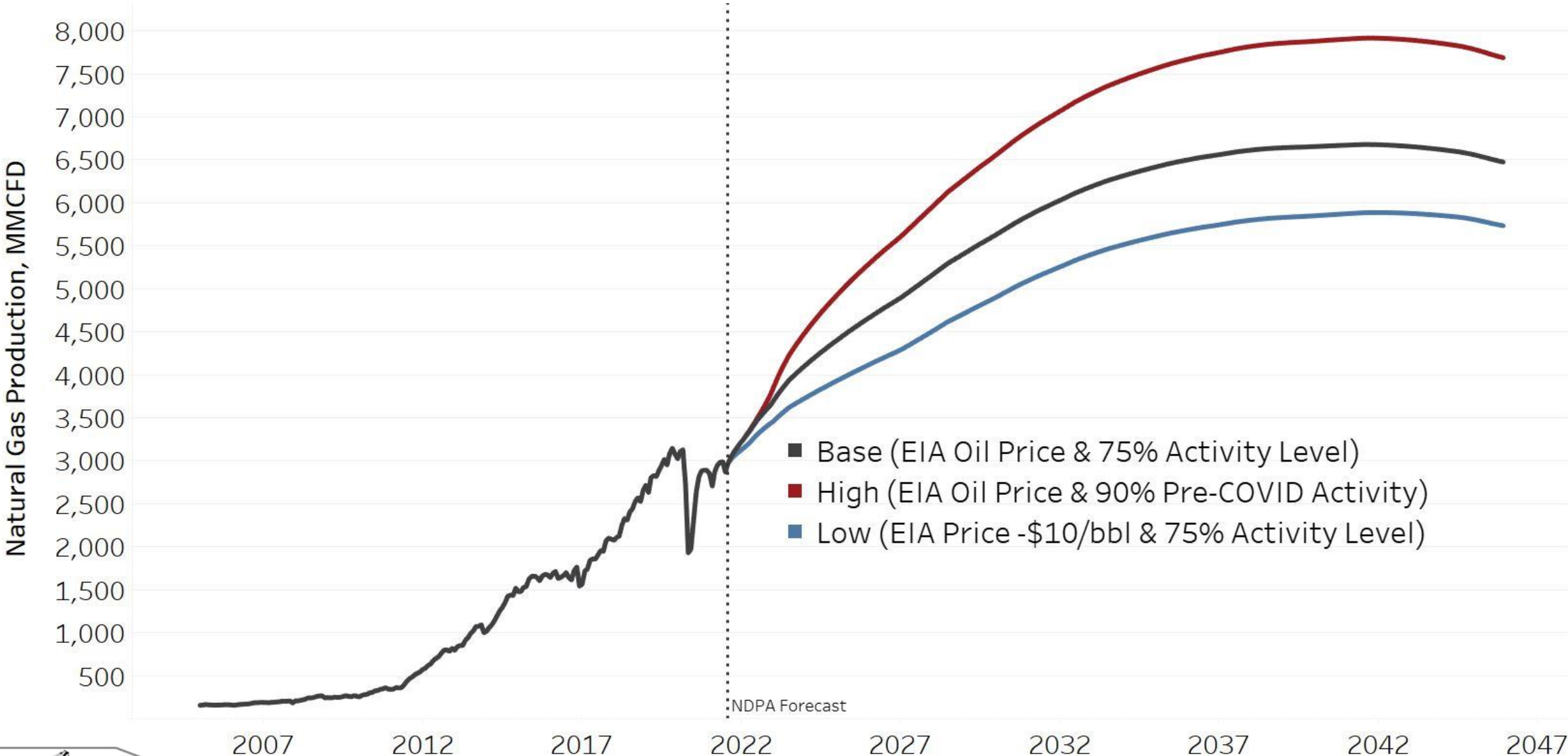
ND Oil Production: EIA Price Deck



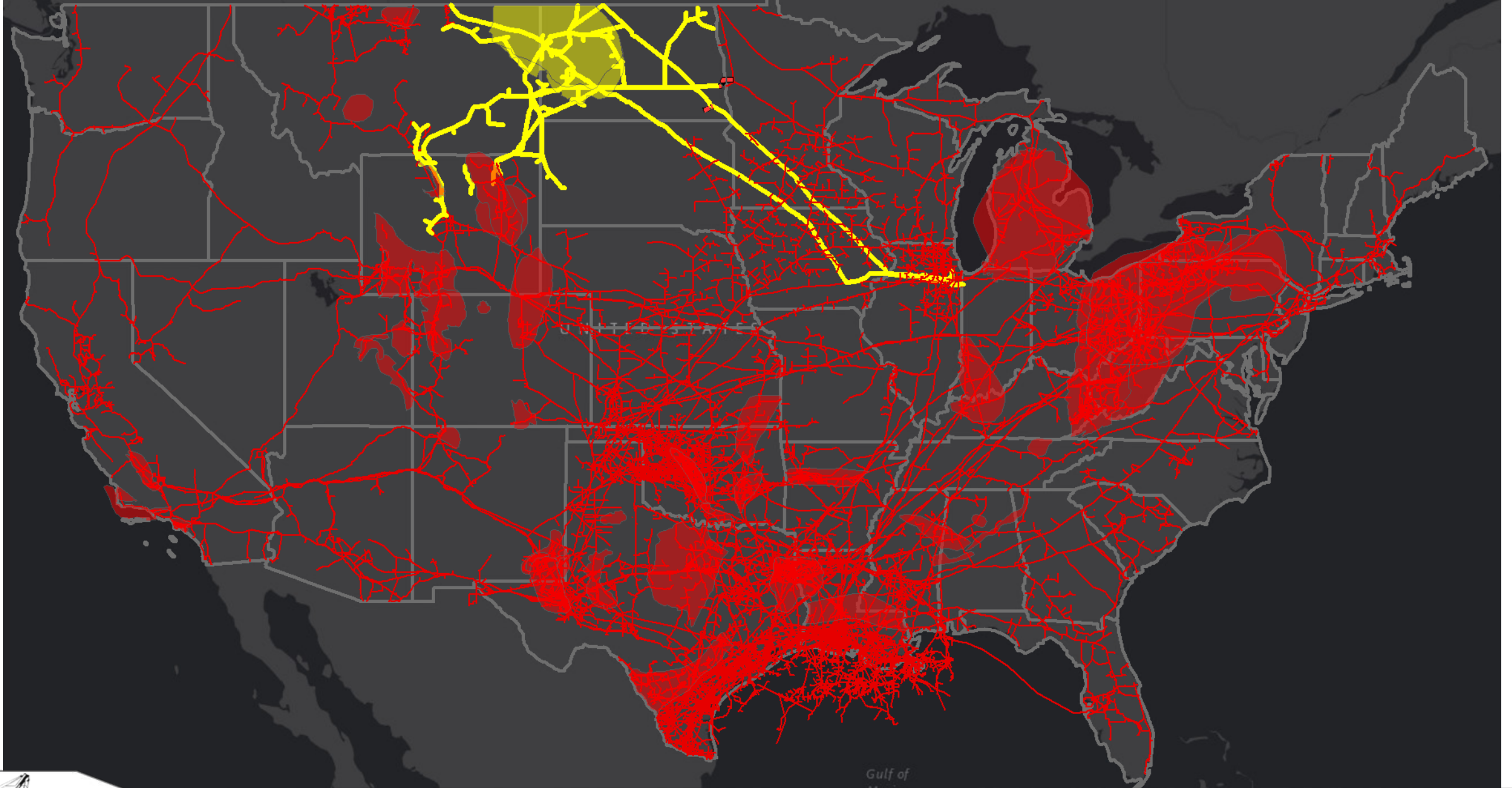
ND Gas Production: GOR Assumption



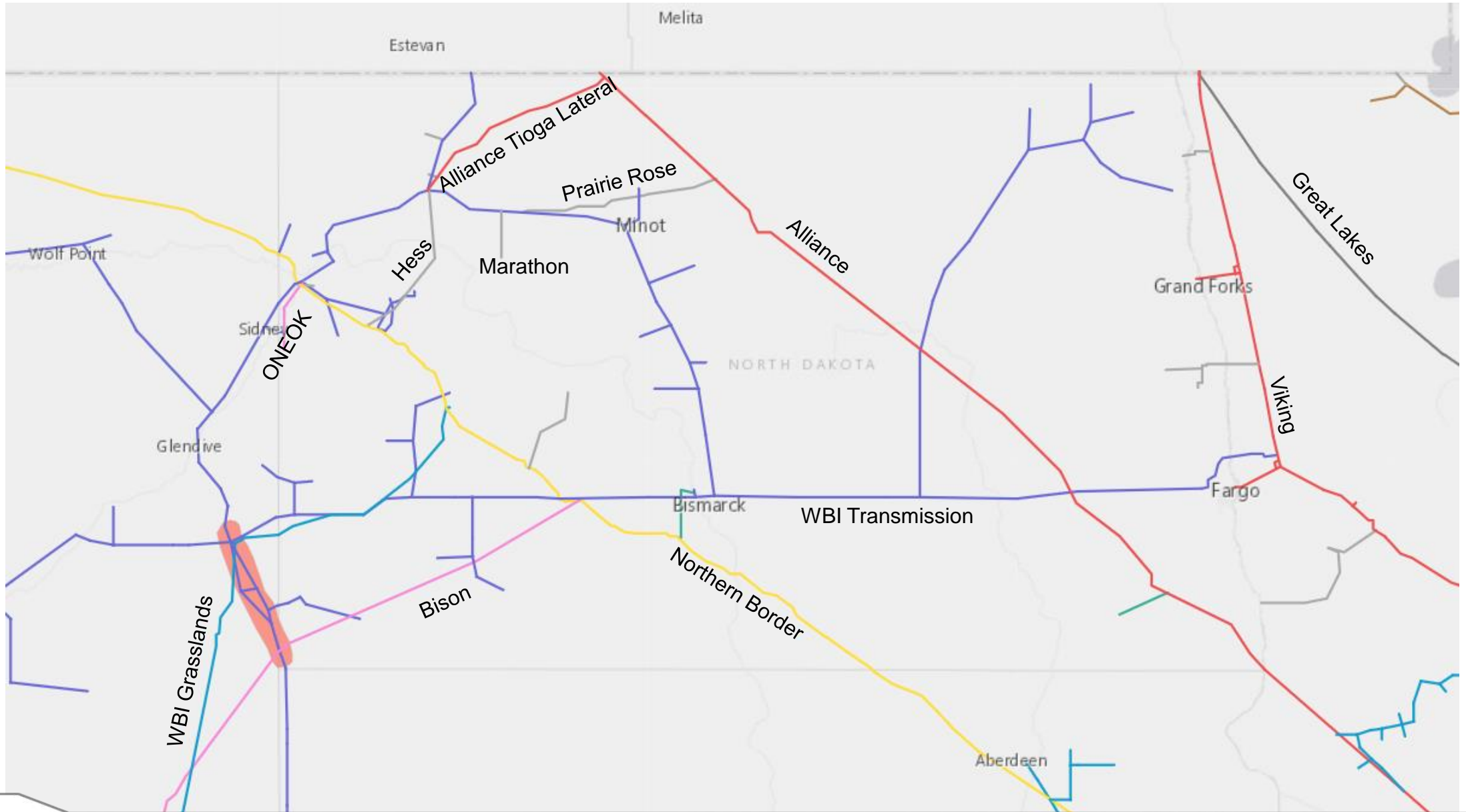
ND Gas Production: EIA Price Deck



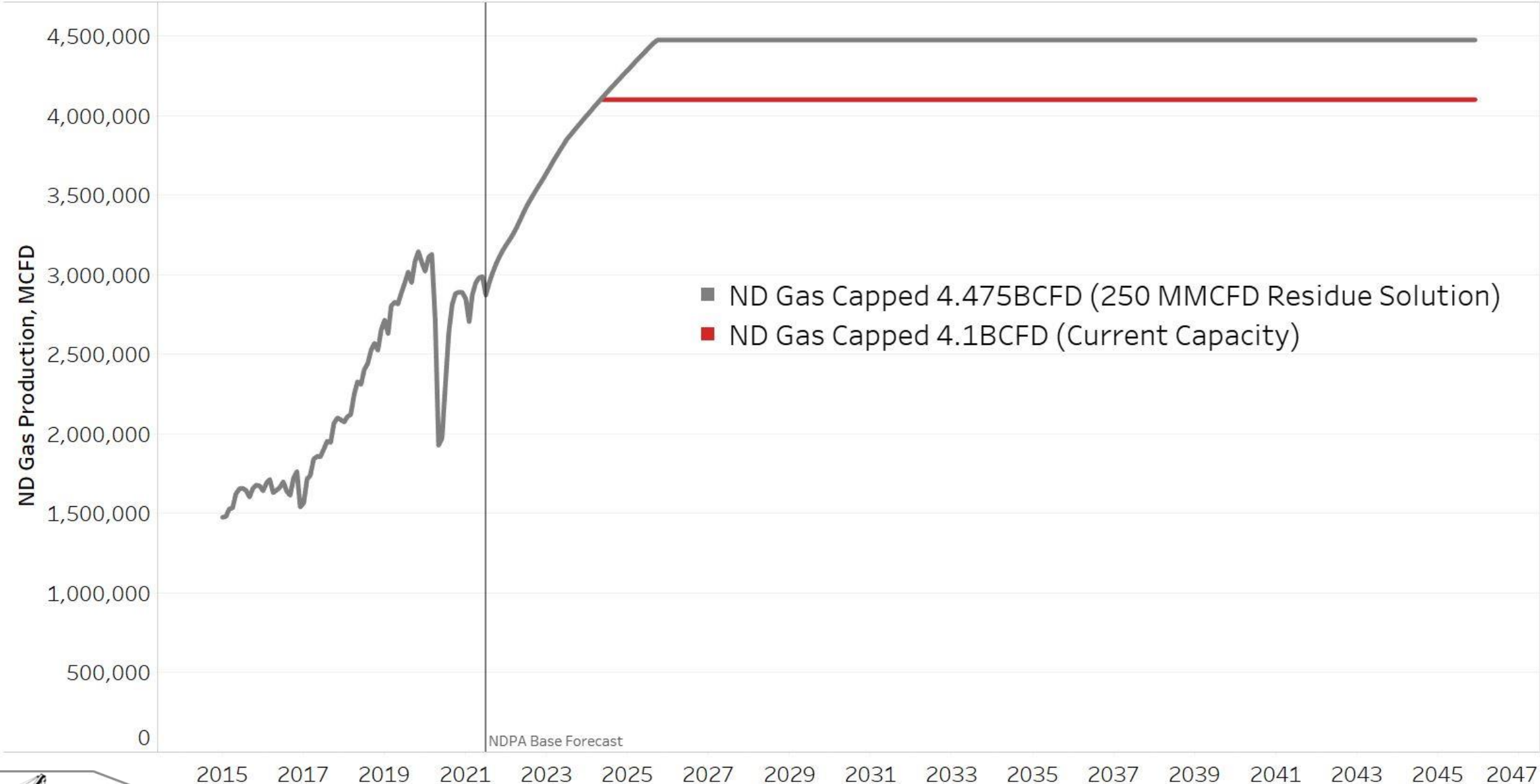
Bakken Natural Gas Infrastructure



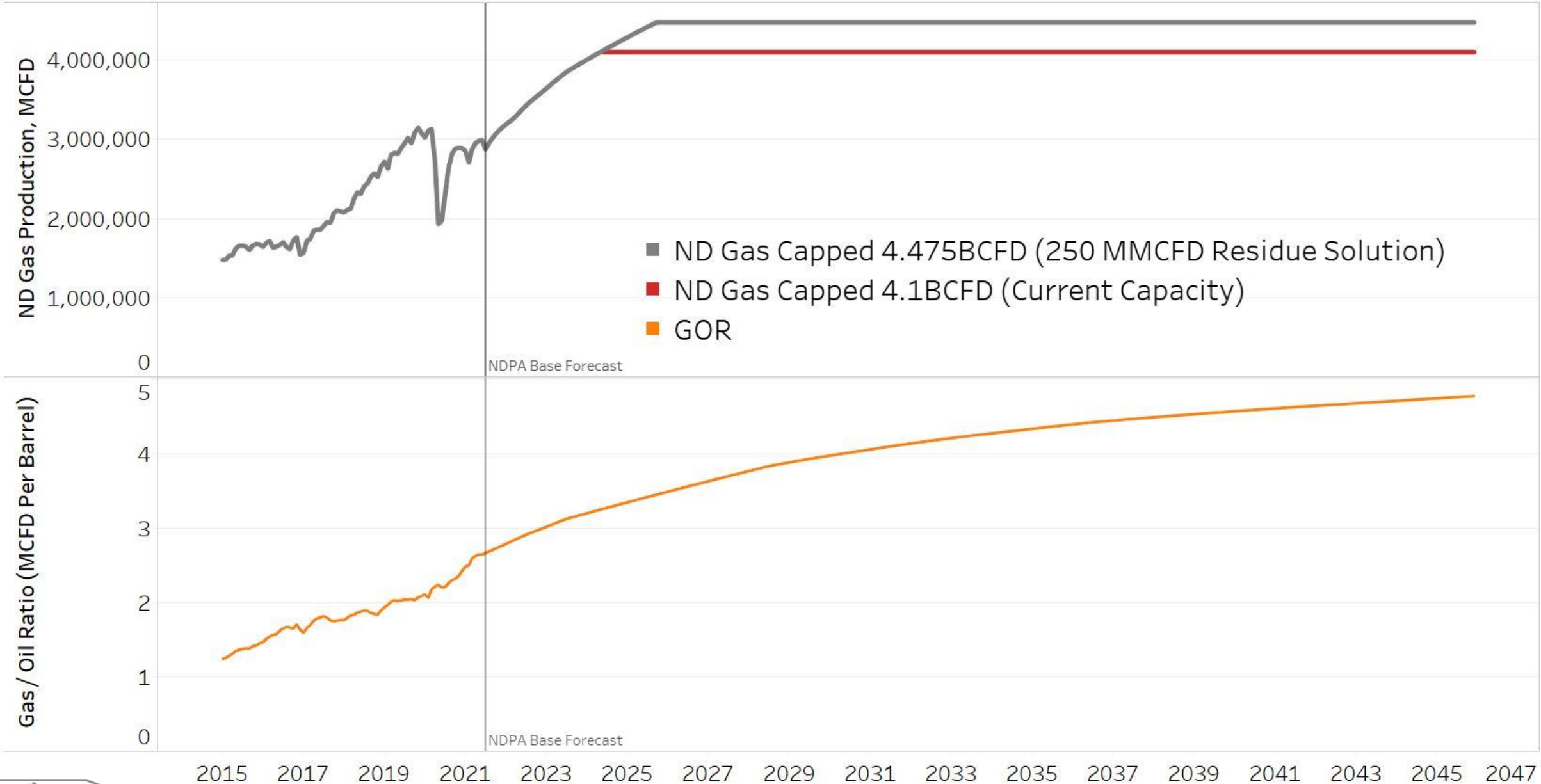
Major Residue Gas Pipeline Infrastructure



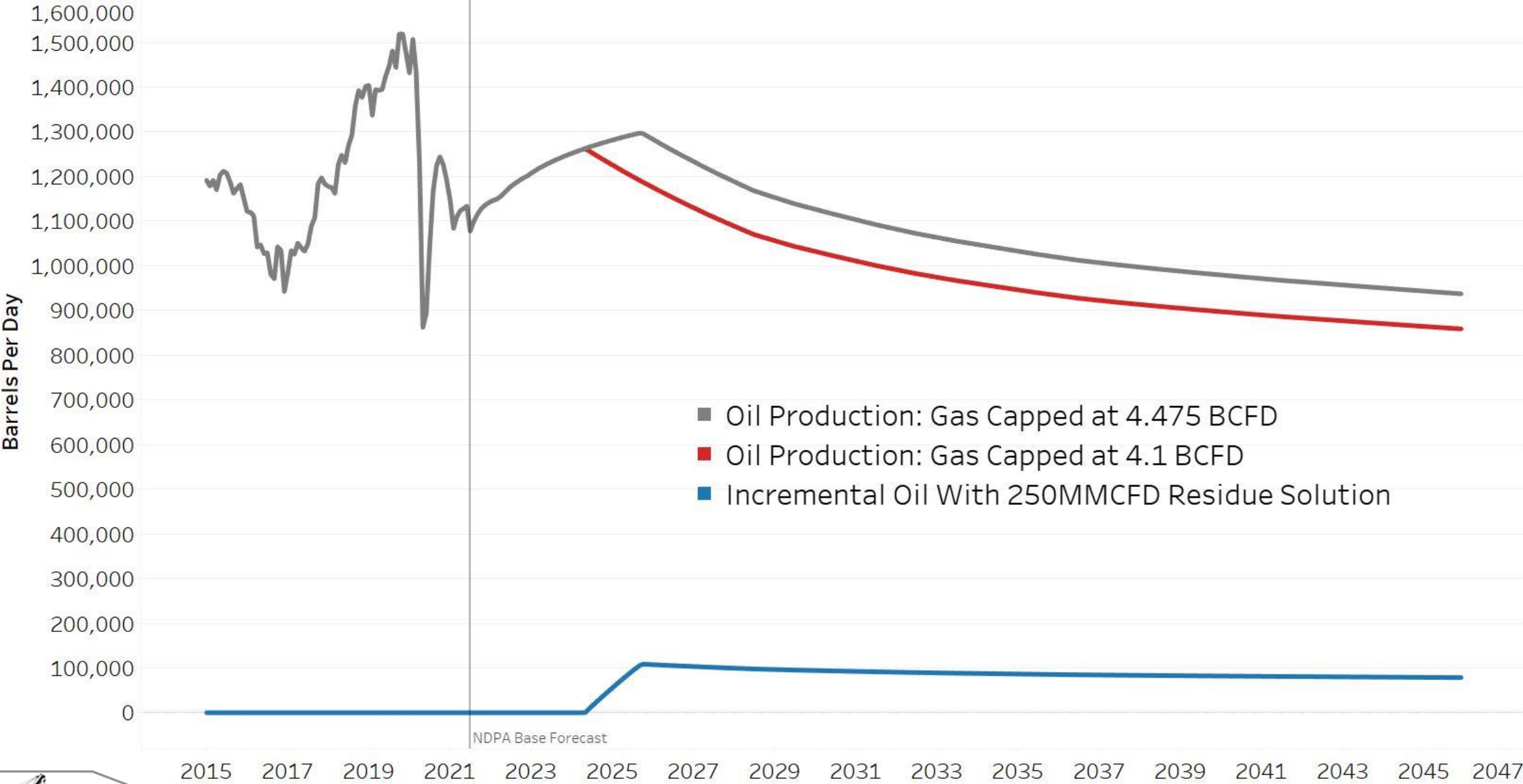
Gas Transmission Expected to Limit Oil Production



Gas Transmission Expected to Limit Oil Production



Gas Transmission Expected to Limit Oil Production

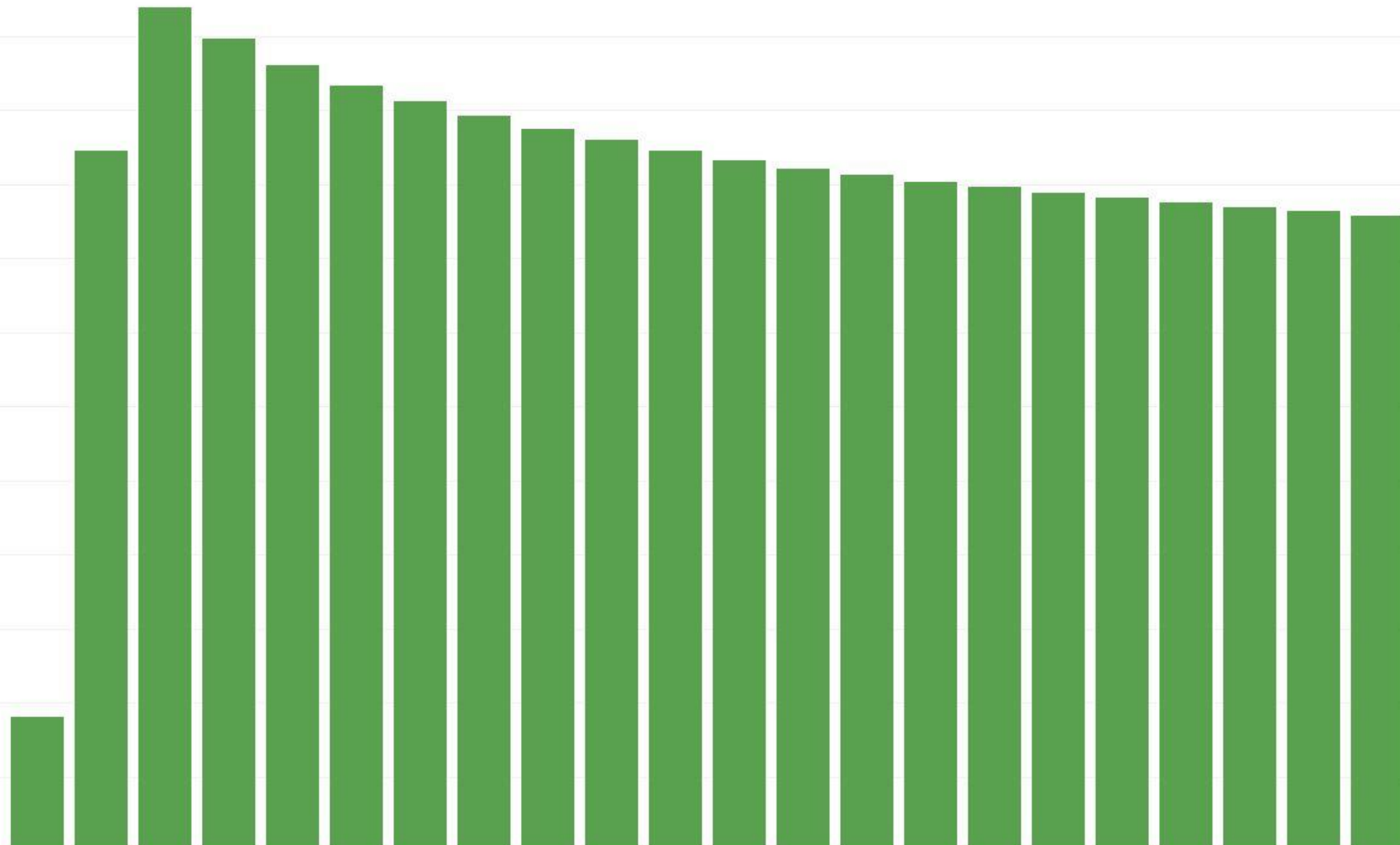


Incremental Oil & Gas Taxes*: 250 MMCFD Residue Gas Solution

250MMCFD Residue Solution (Incremental Oil & Gas Taxes Yearly)

\$220,000,000
 \$200,000,000
 \$180,000,000
 \$160,000,000
 \$140,000,000
 \$120,000,000
 \$100,000,000
 \$80,000,000
 \$60,000,000
 \$40,000,000
 \$20,000,000
 \$0

2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045



Incremental Oil & Gas Taxes*: 250 MMCFD Residue Gas Solution

250MMCFD Residue Solution (Cumulative Incremental Oil & Gas Taxes)

\$4,000,000,000
\$3,500,000,000
\$3,000,000,000
\$2,500,000,000
\$2,000,000,000
\$1,500,000,000
\$1,000,000,000
\$500,000,000
\$0

2020 2022 2024 2026 2028 2030 2032 2034 2036 2038 2040 2042 2044 2046



Contact Information

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North Dakota Pipeline Authority

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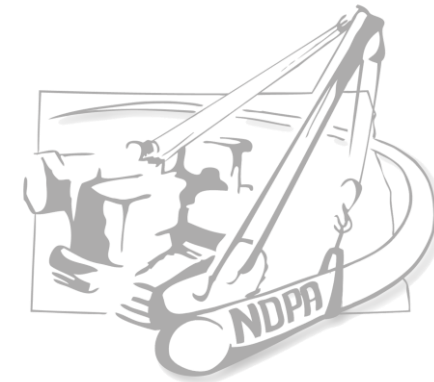
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Websites:

www.pipeline.nd.gov
www.northdakotapipelines.com



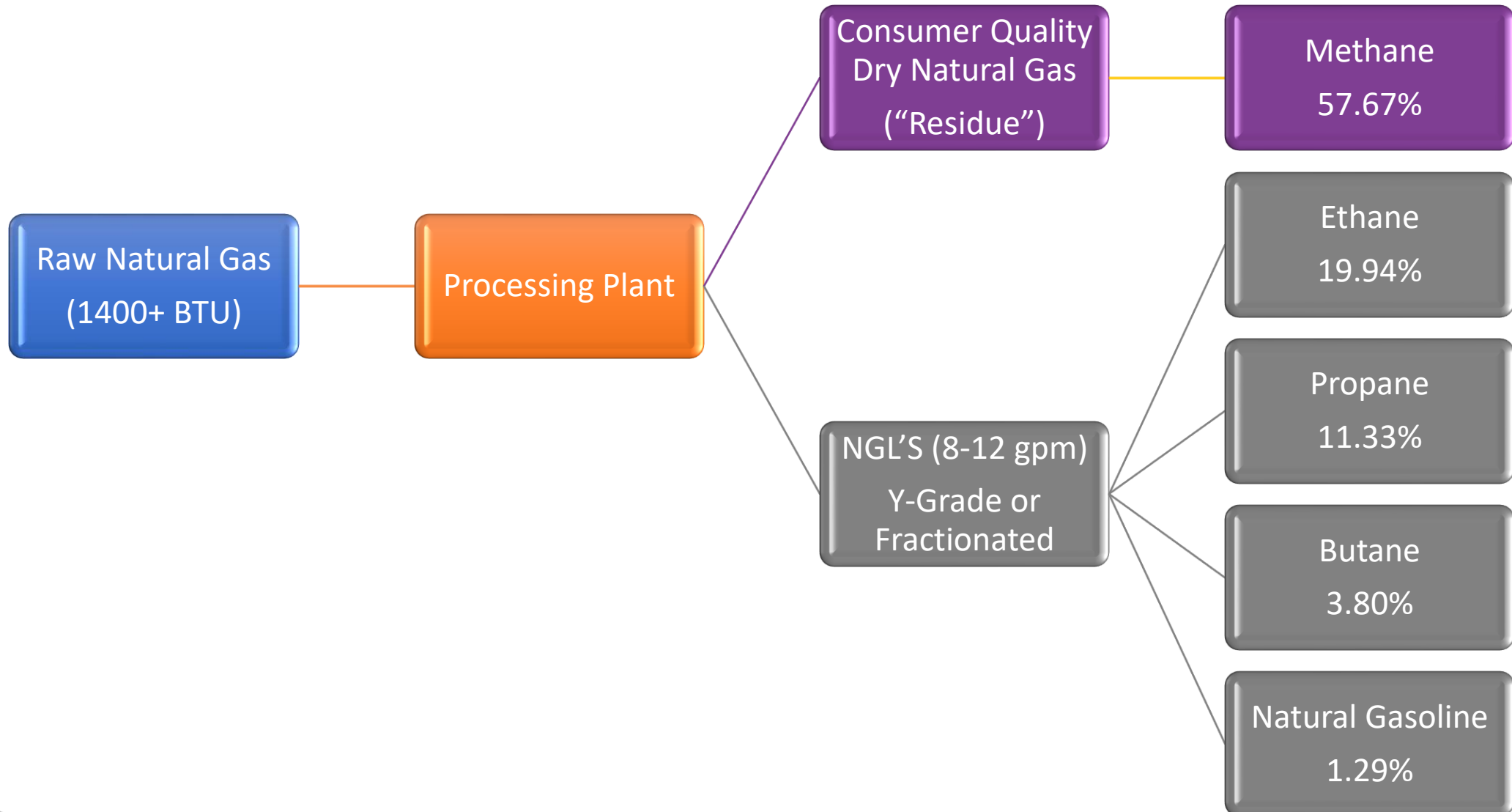
**Know what's below.
Call before you dig.**



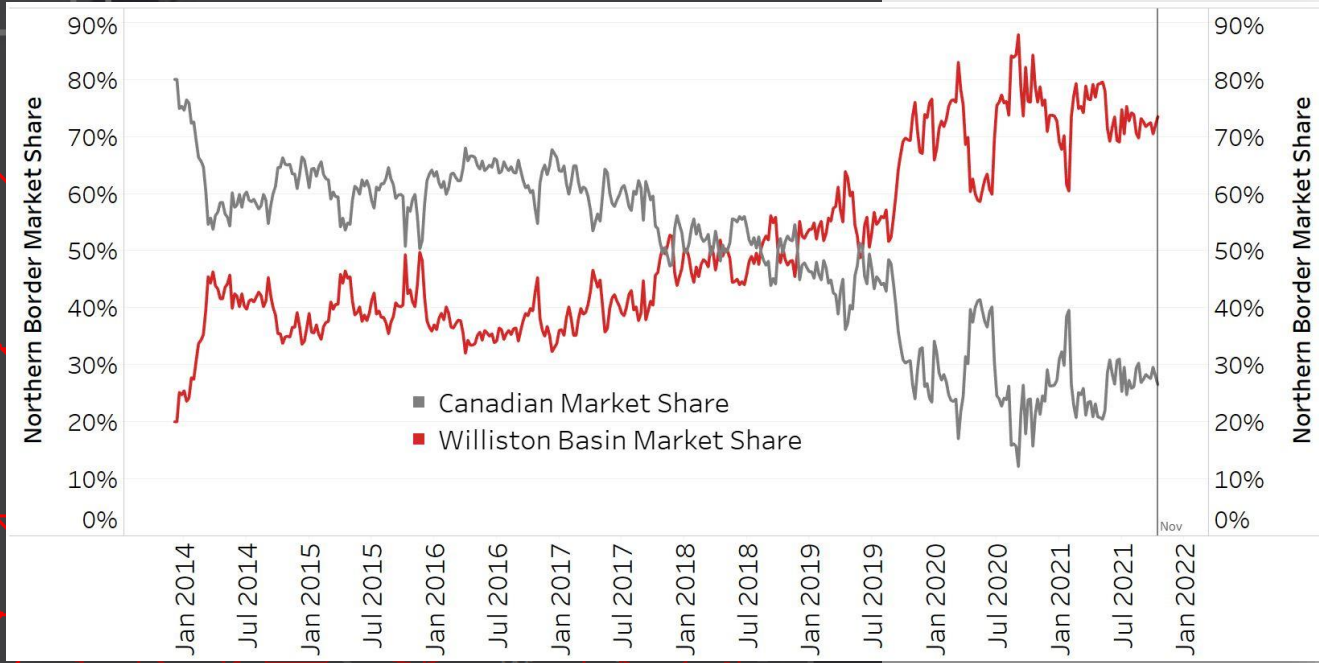
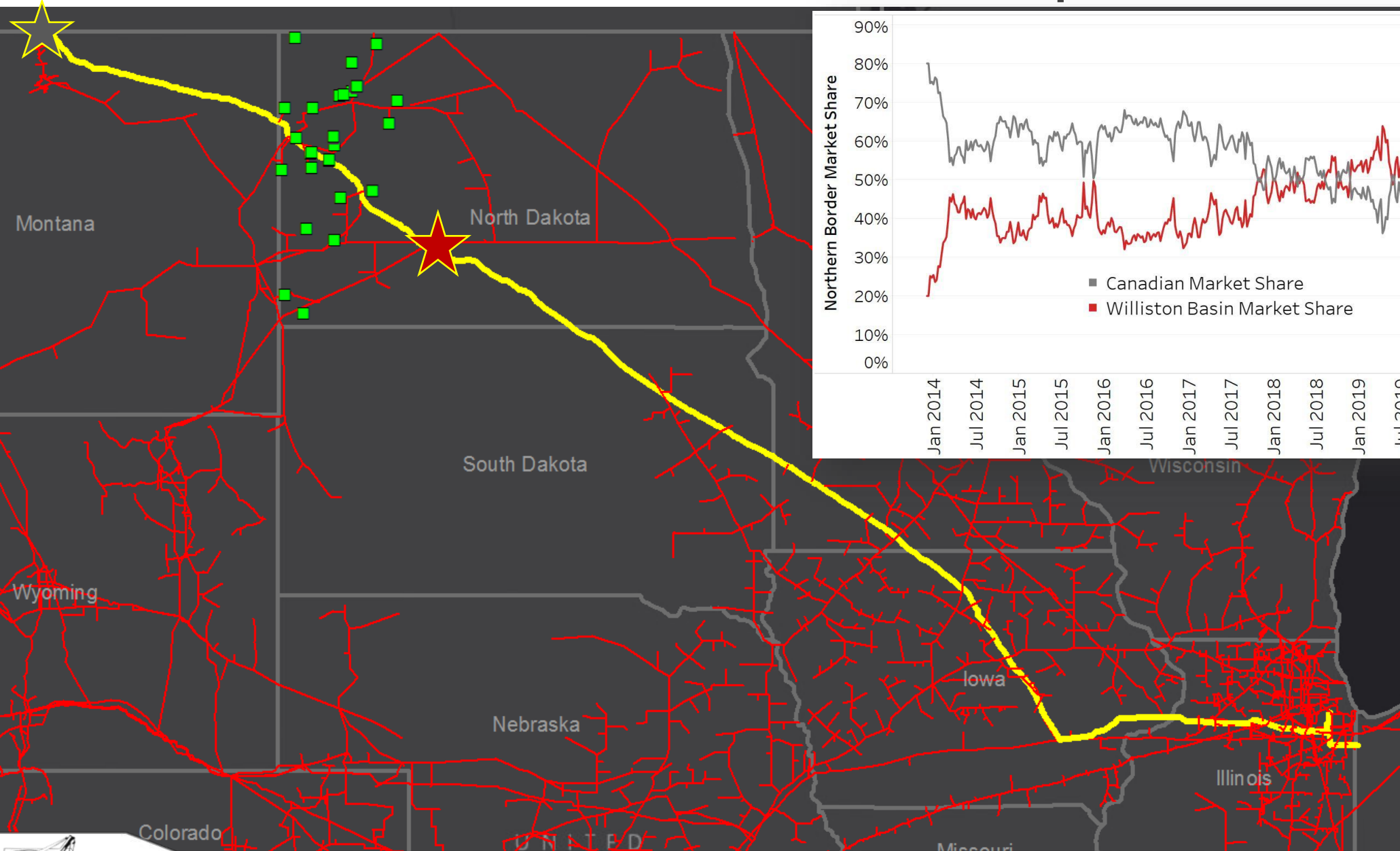
Supplemental Slides



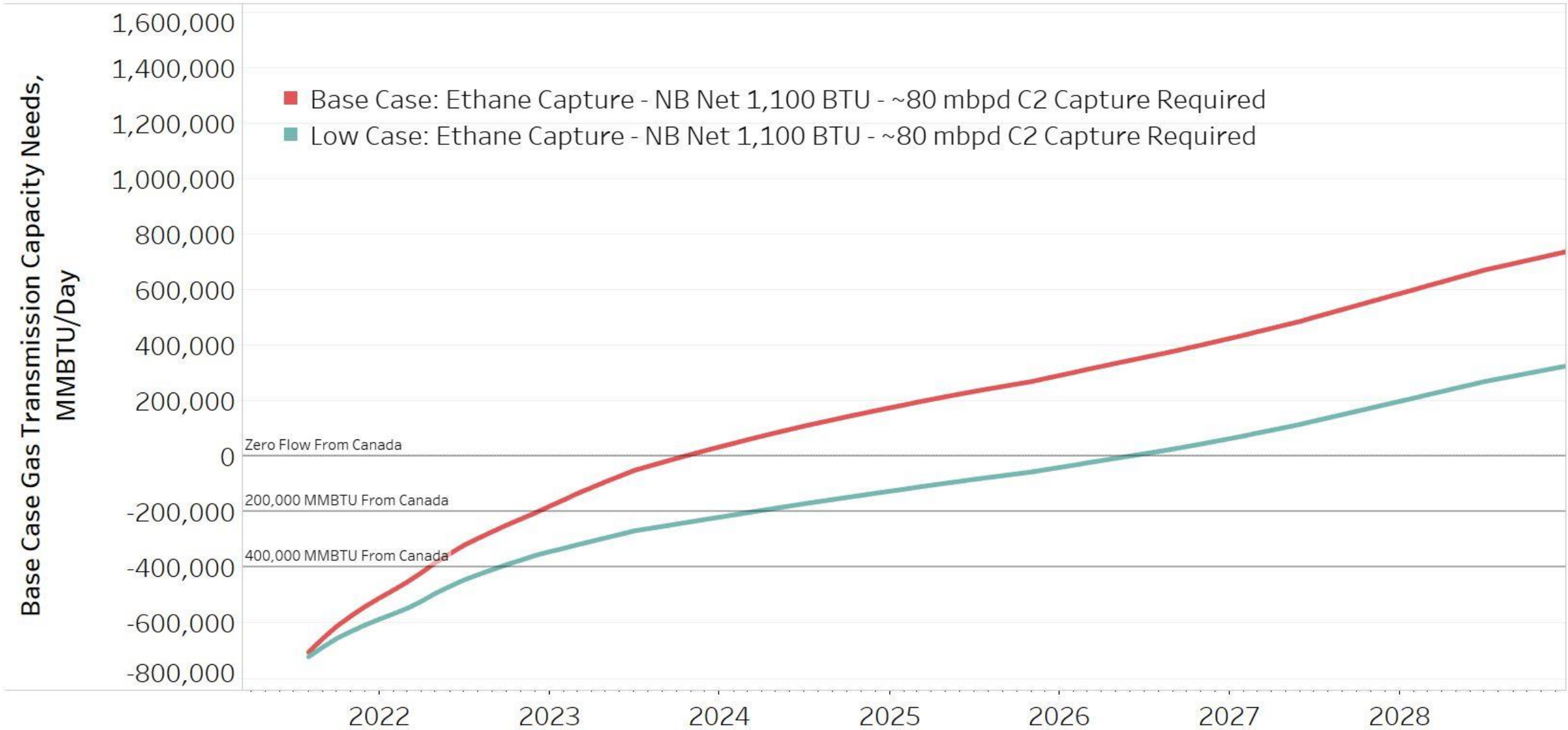
Natural Gas Processing



Northern Border Pipeline



Northern Border – BTU Calculations*



- Base Case: Ethane Capture - NB Net 1,100 BTU - ~80 mbpd C2 Capture Required
- Low Case: Ethane Capture - NB Net 1,100 BTU - ~80 mbpd C2 Capture Required

