

RBN Energy, LLC

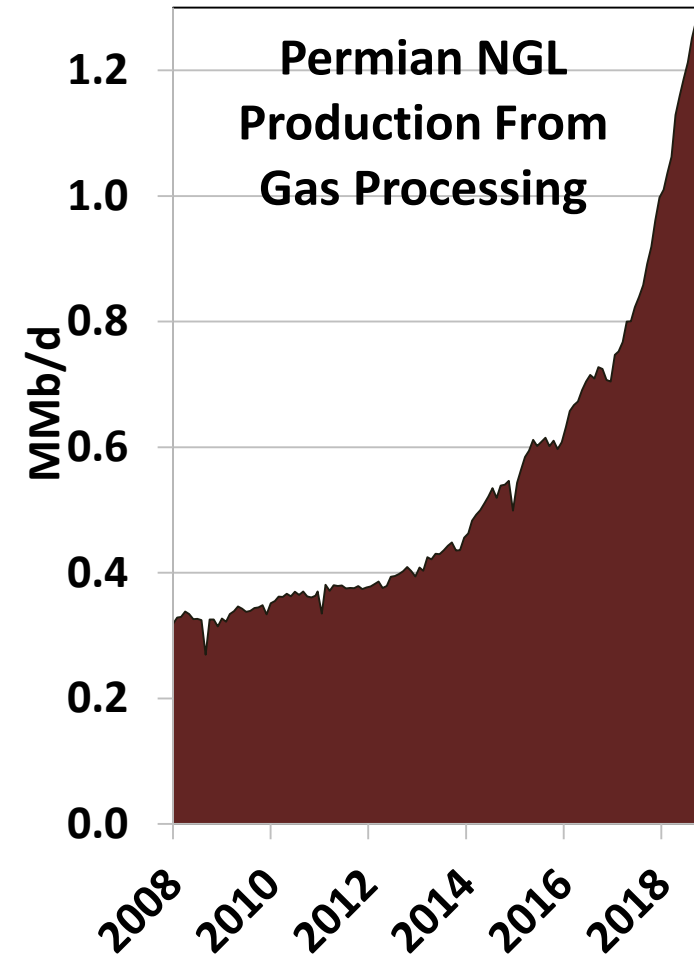
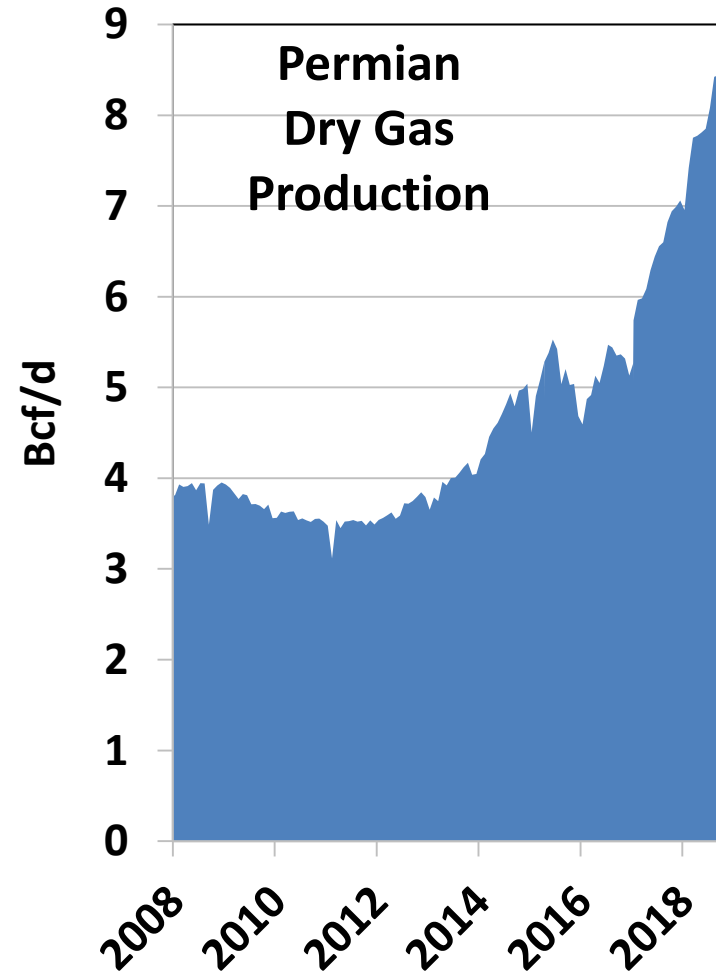
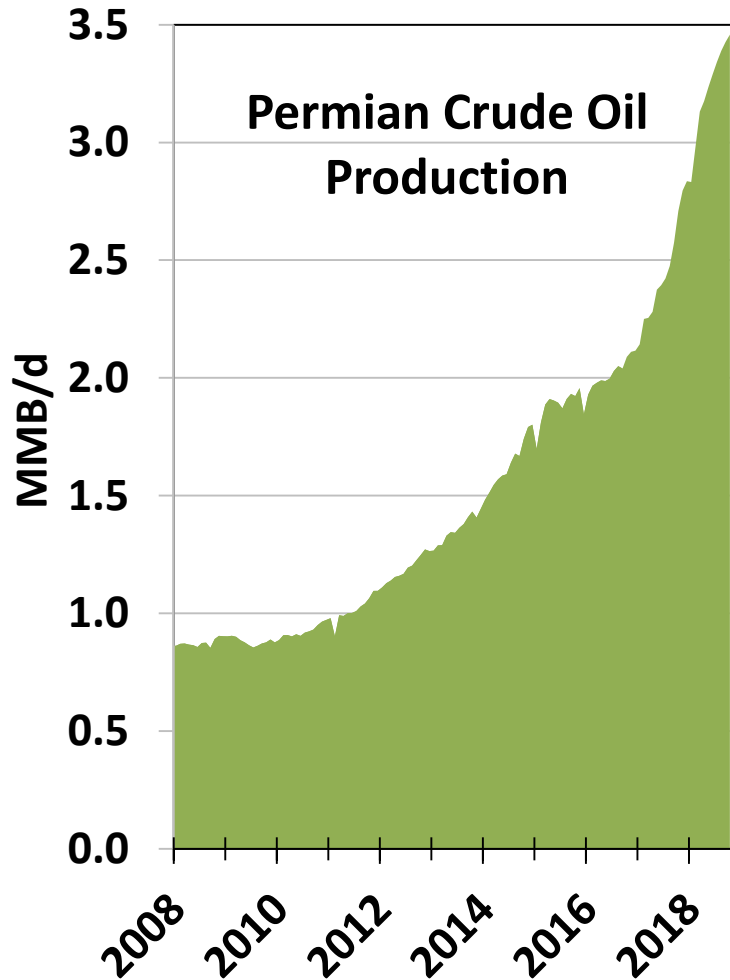
Permian Basin Infrastructure Panel



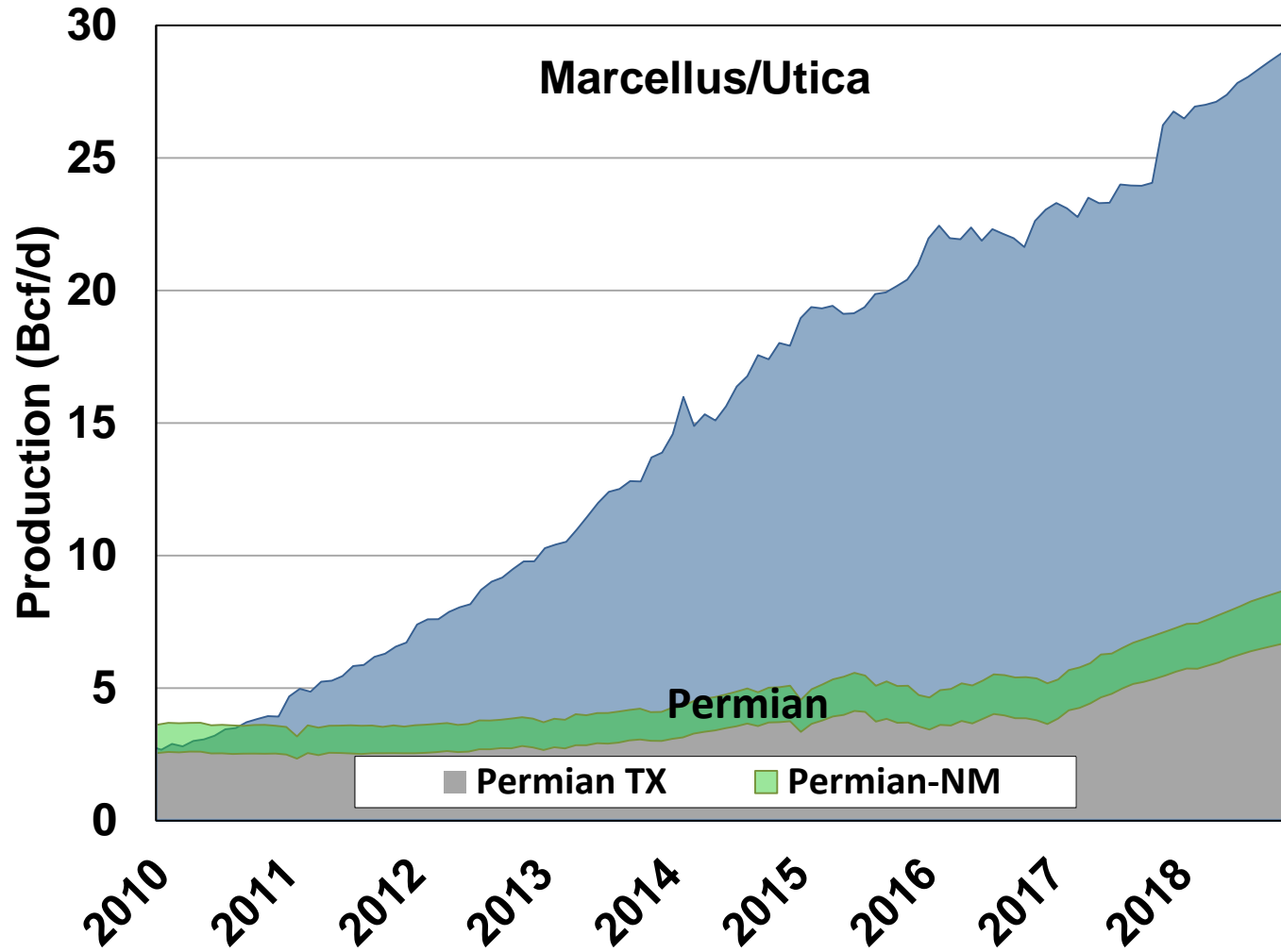
PERMIAN BASIN
PETROLEUM ASSOCIATION

October 25, 2018

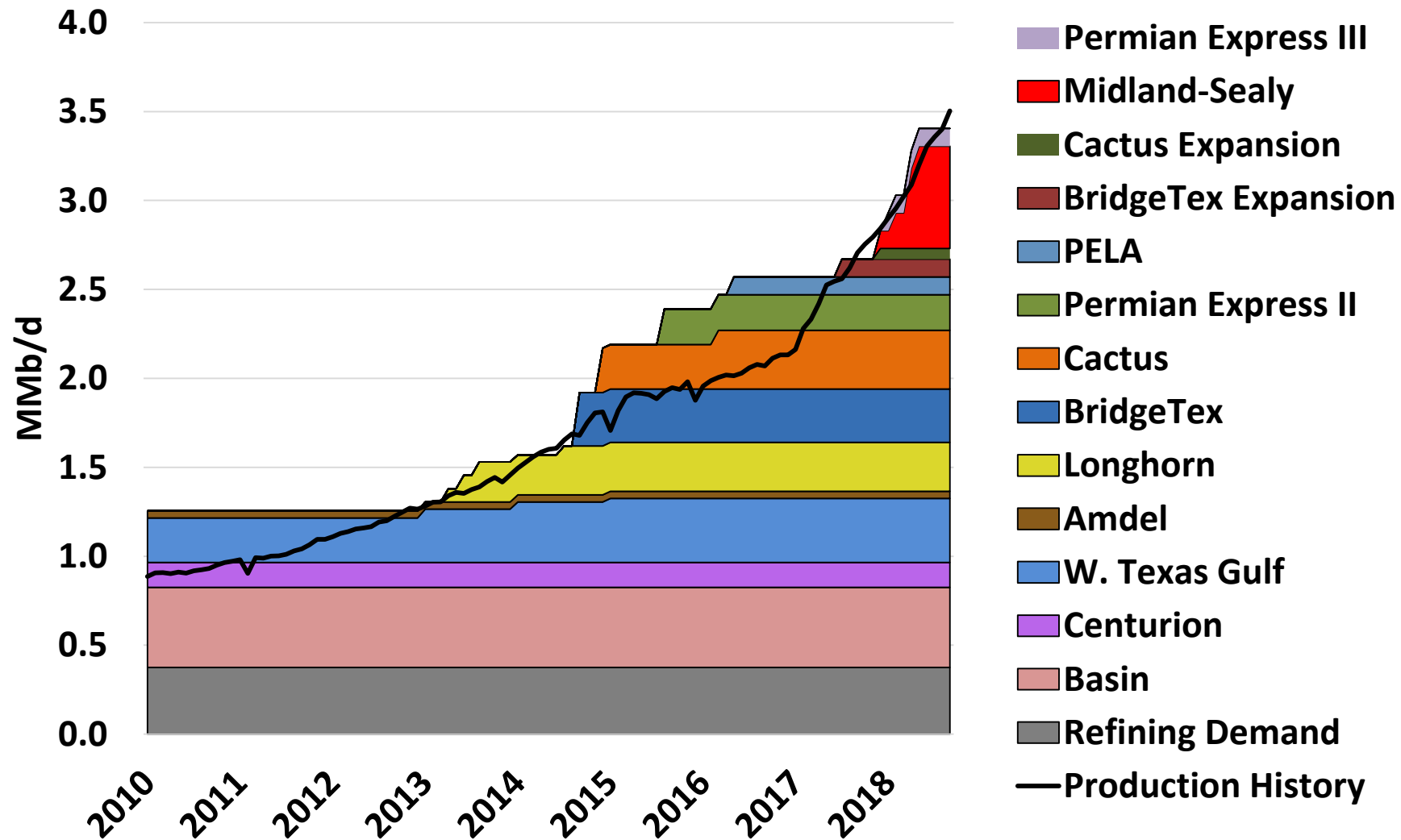
Permian Basin Crude Oil, Gas and NGL Production



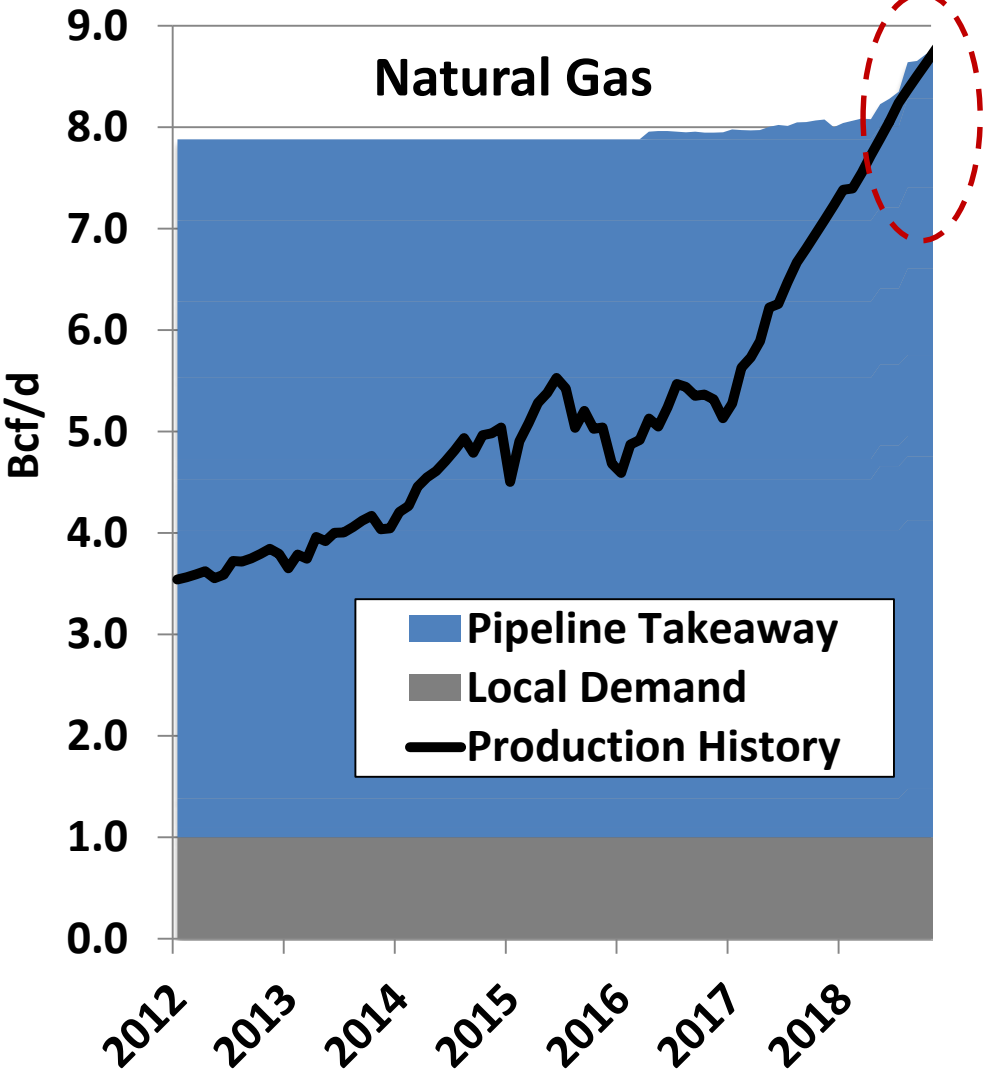
Permian Natural Gas vs. Northeast



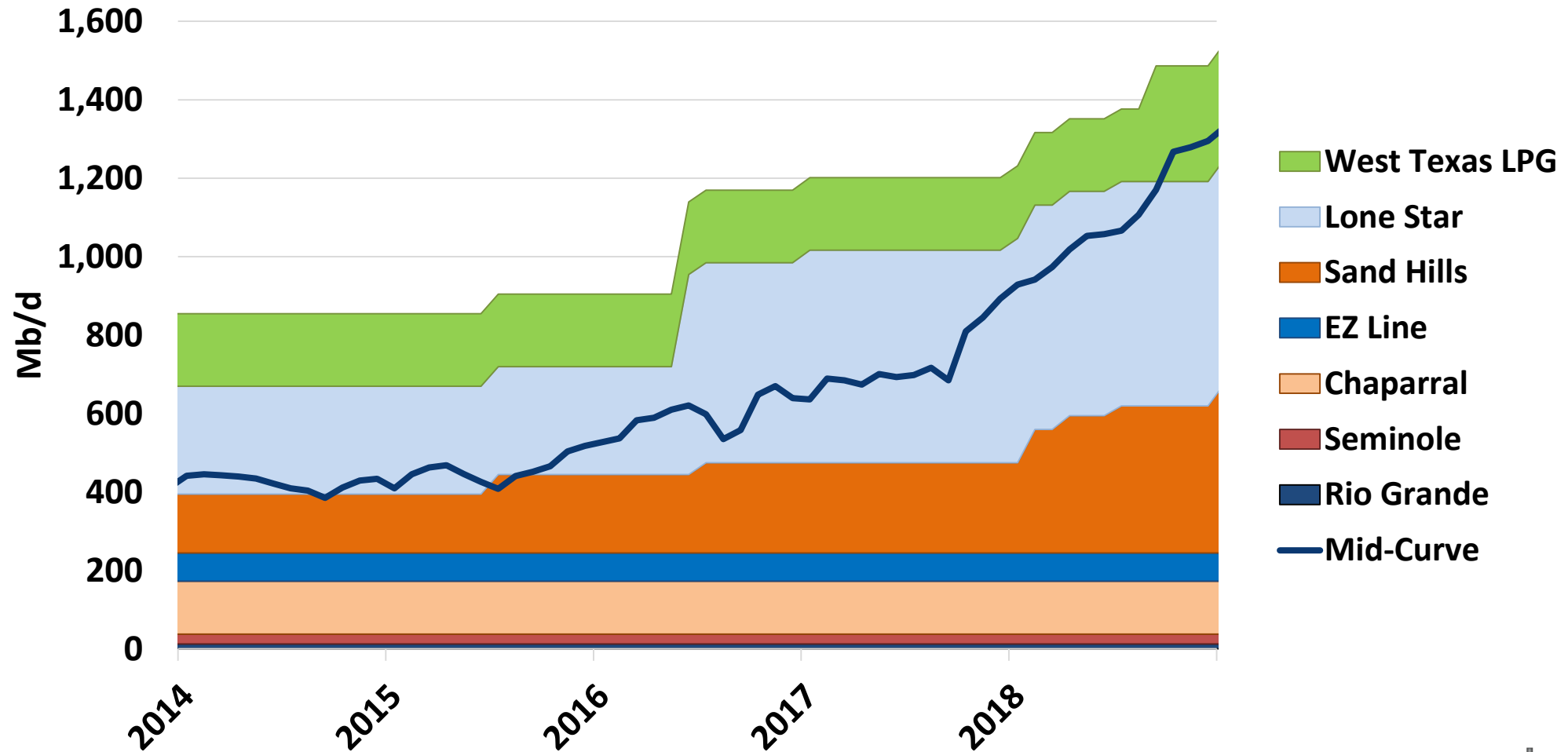
Crude Oil Pipeline Utilization



Natural Gas Pipeline Utilization

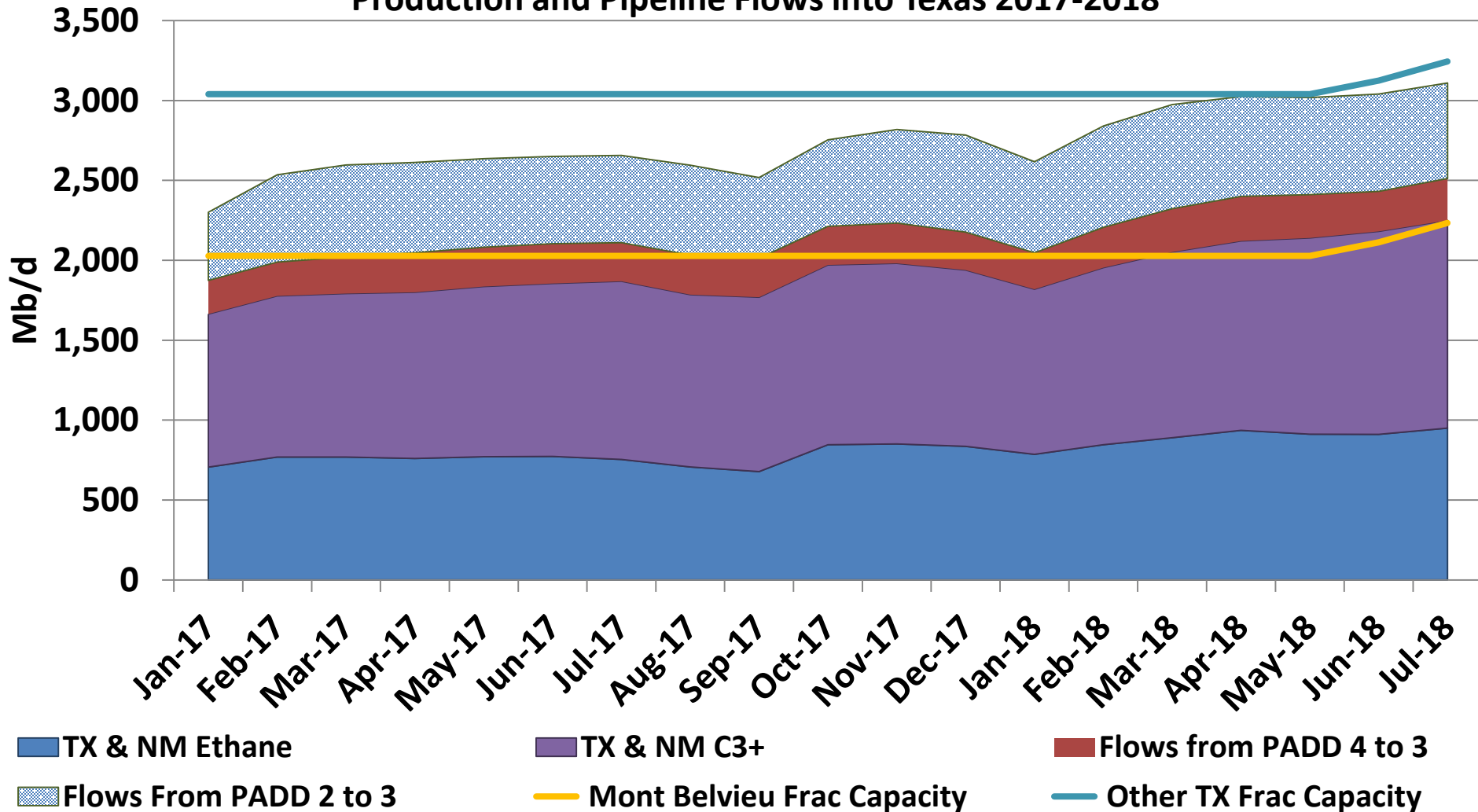


NGL Takeaway Utilization

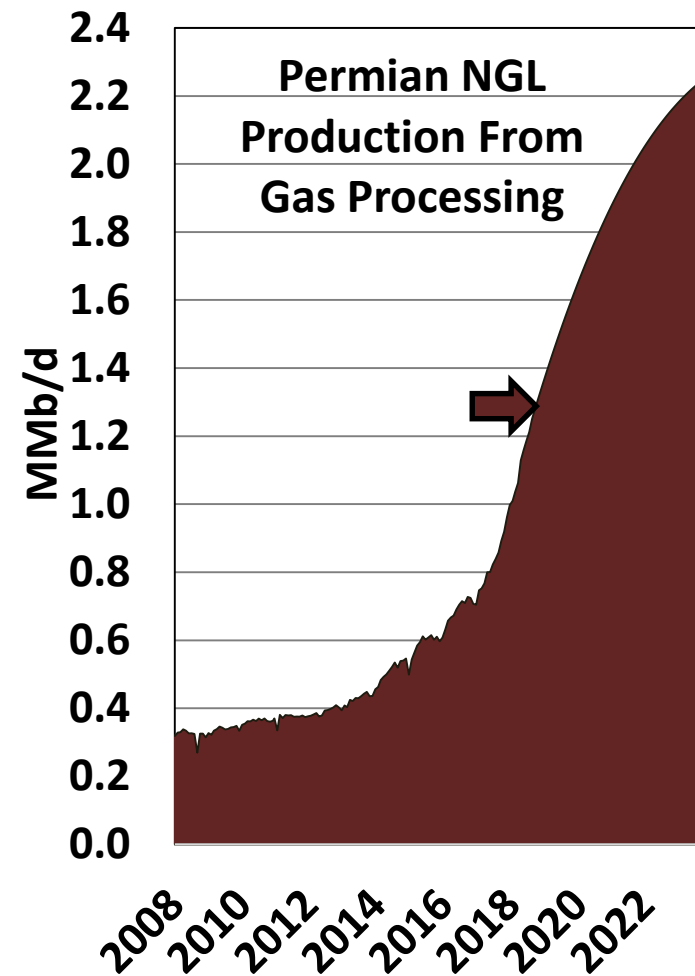
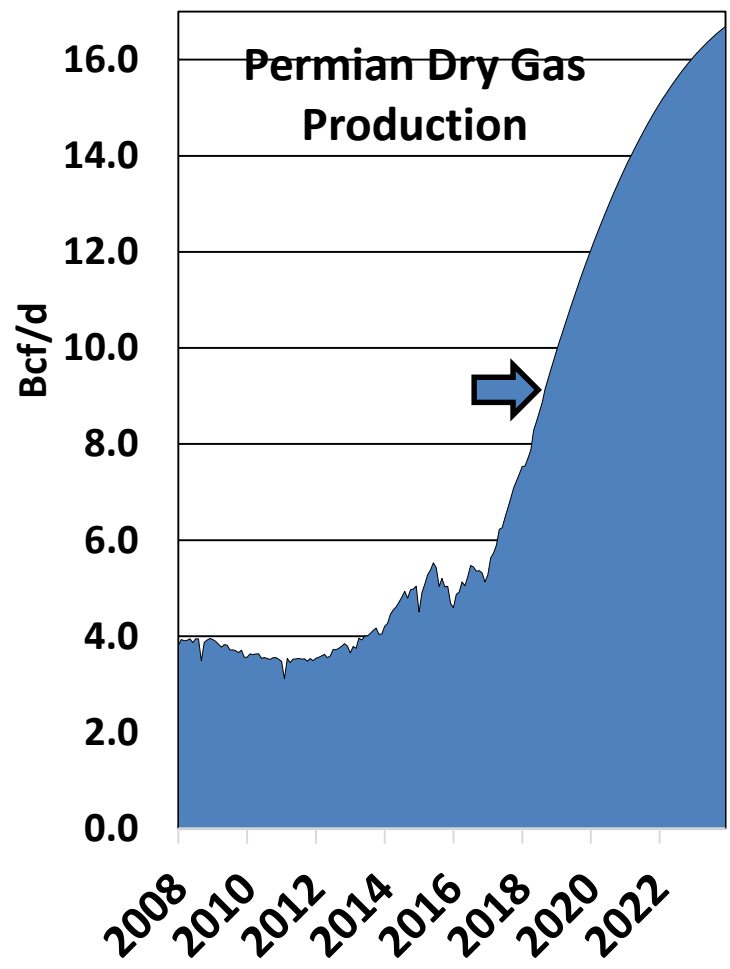
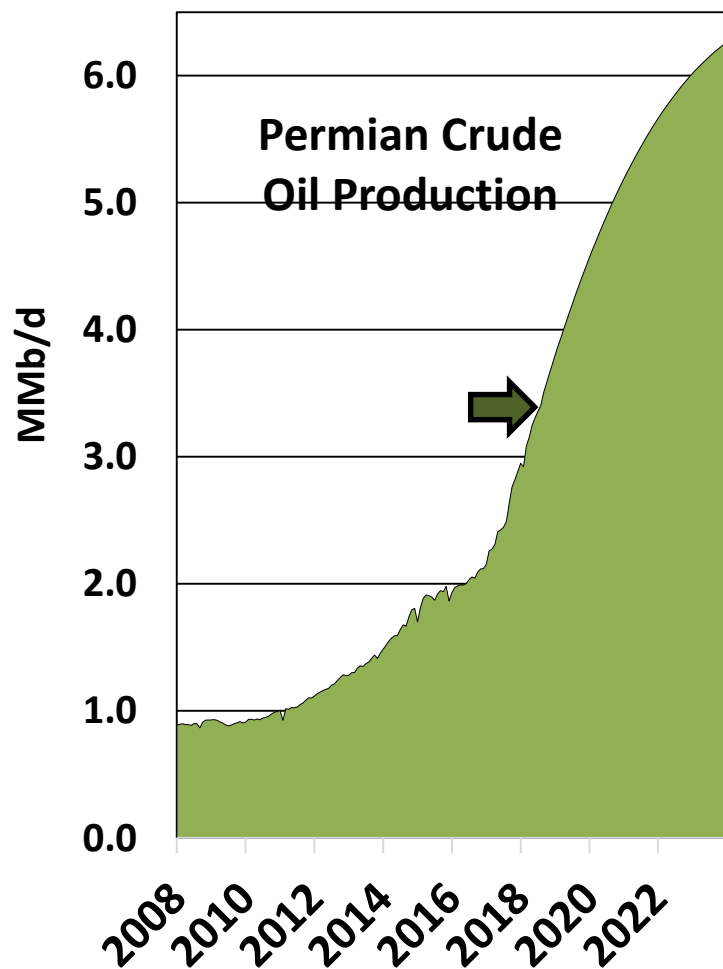


Texas NGL Fractionator Capacity Utilization

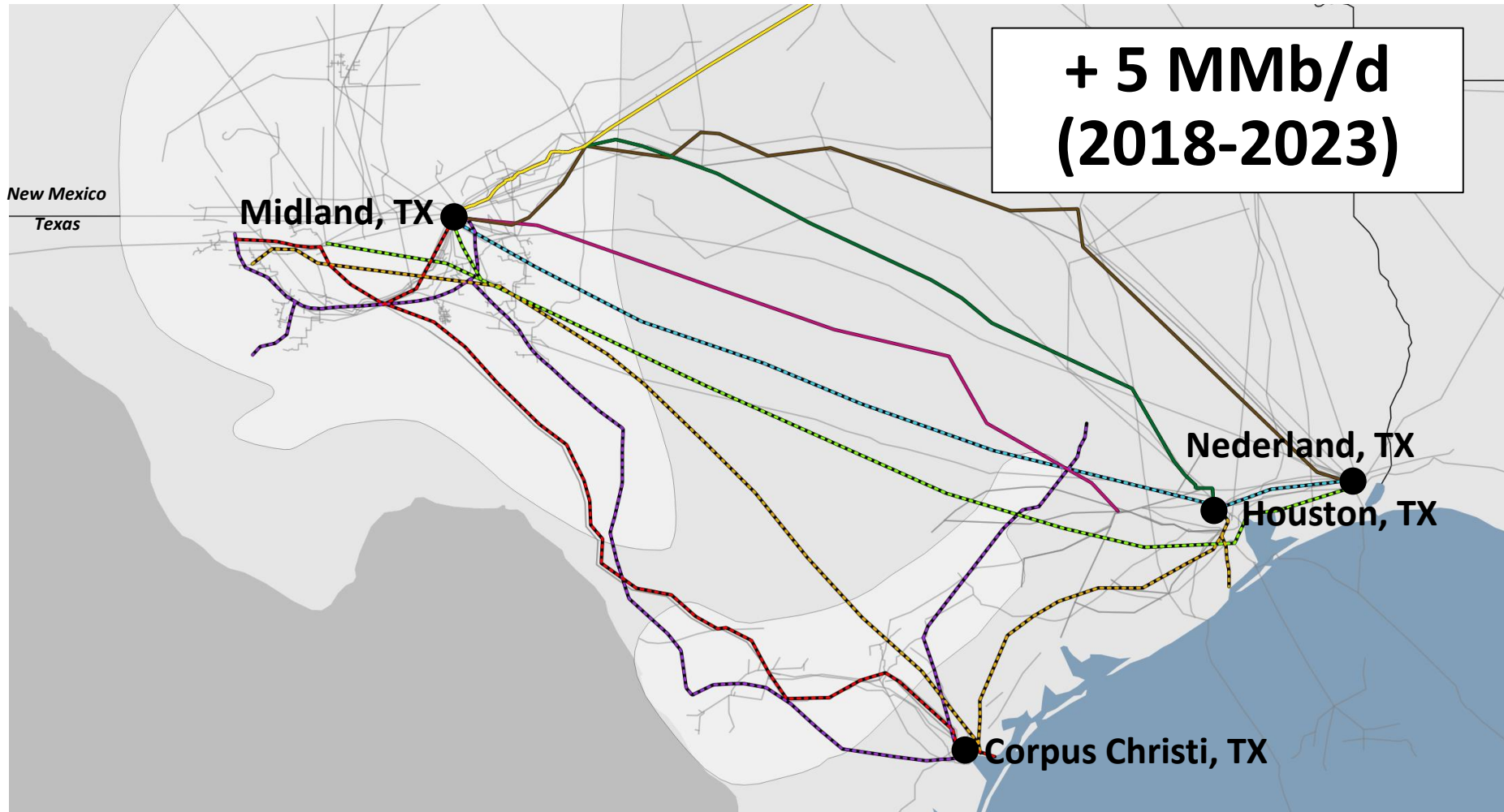
Texas Fractionator Capacity vs. TX & NM Raw Mix NGL
Production and Pipeline Flows into Texas 2017-2018



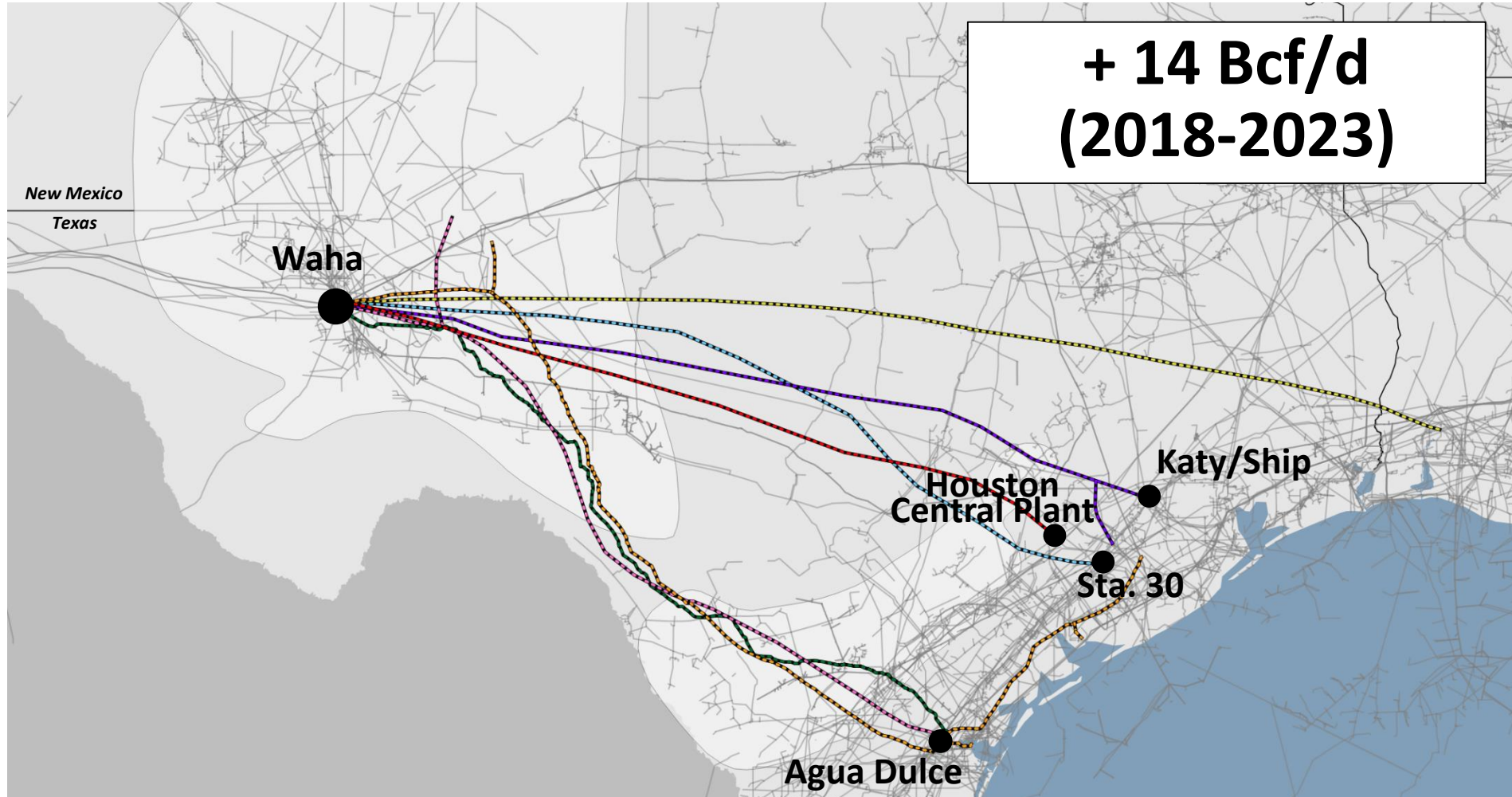
Permian Basin Production Forecast



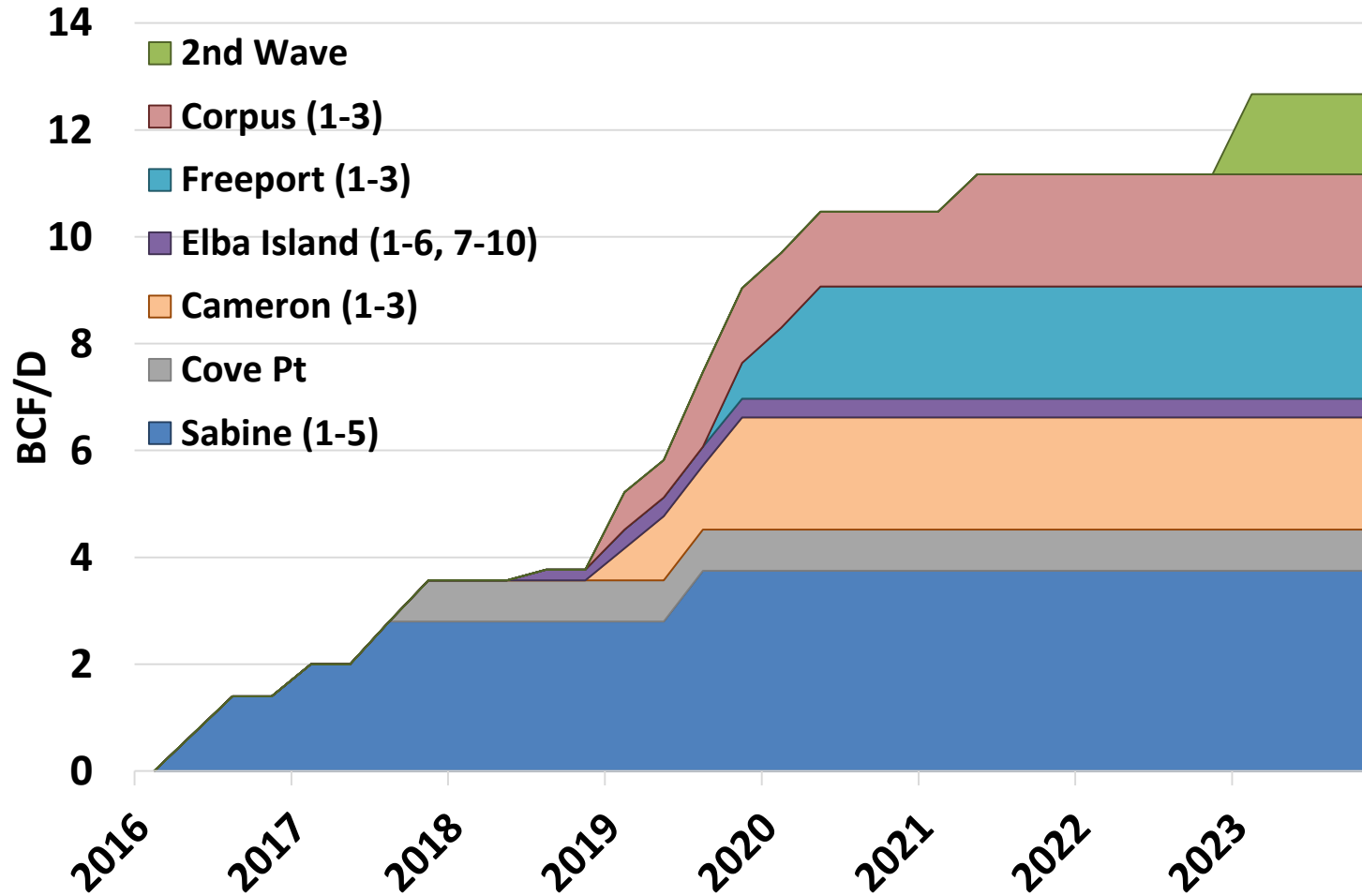
Crude Oil Pipeline Projects



Natural Gas Pipeline Projects



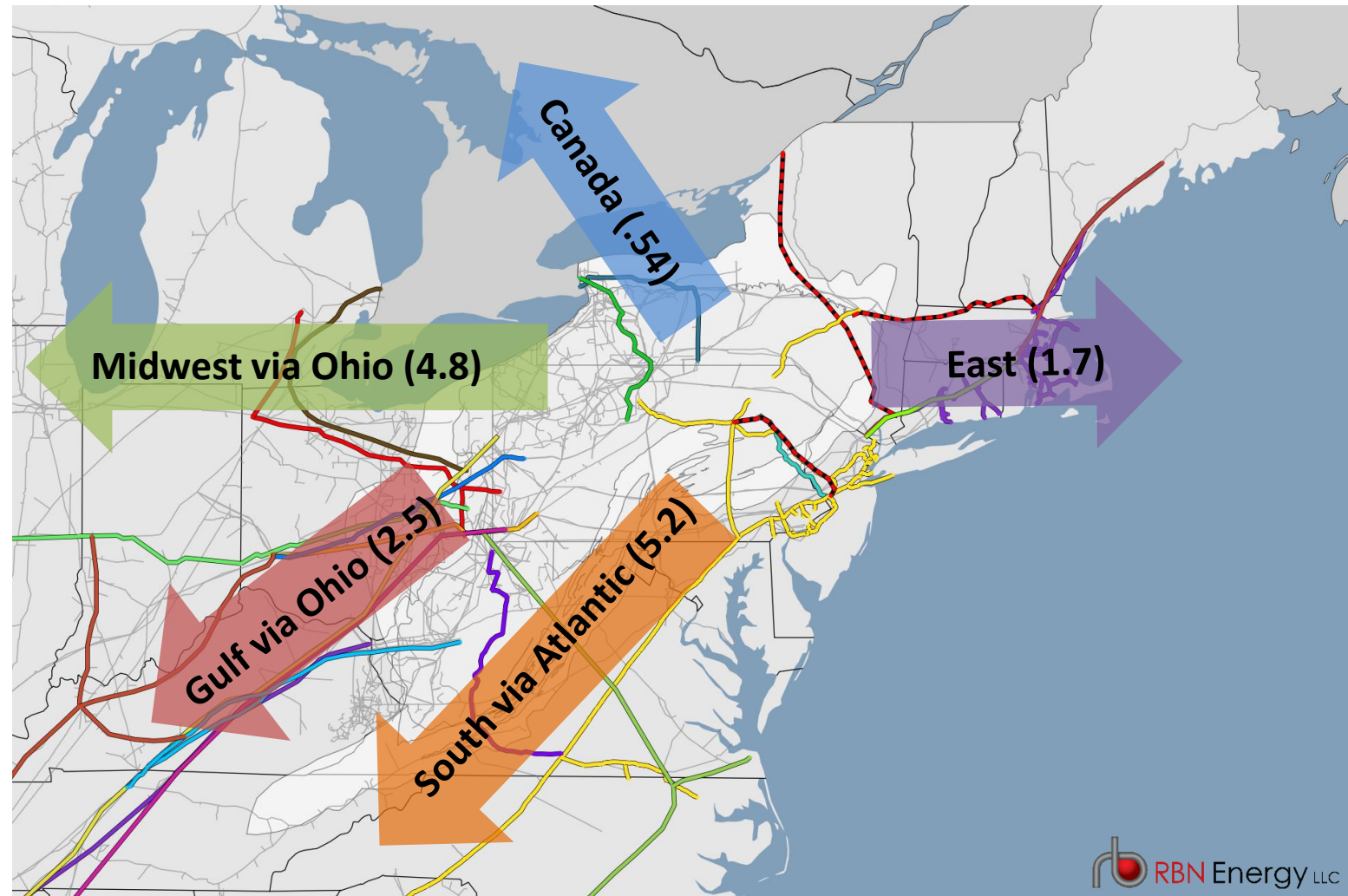
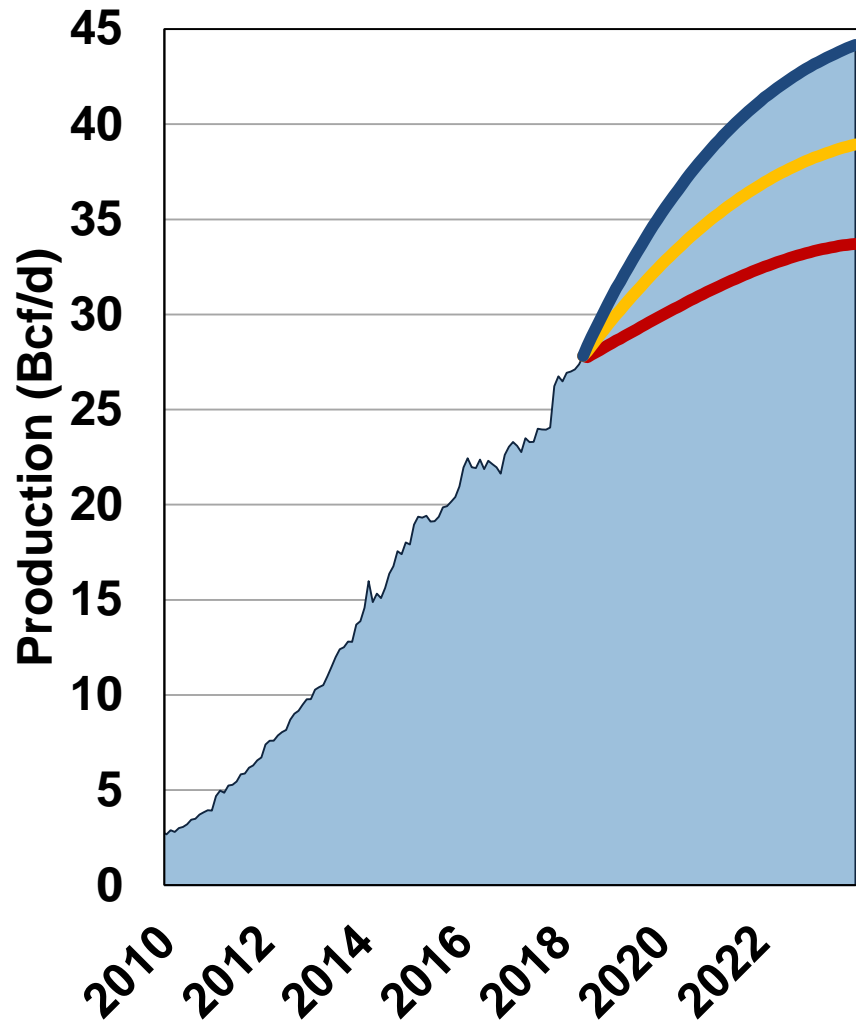
LNG Timing: Buildup of Export Capacity (2018-23)



Potential Expansions

- Cameron 4-5
- Lake Charles 1-3
- Sabine Pass 6

Marcellus/Utica Natural Gas Production Forecast



A high-angle, perspective shot of two large, blue-painted metal pipes laid out in a narrow, sandy trench. The pipes run parallel to each other, receding into the distance. The sand is light-colored and shows some ripples and shadows. The trench walls are steep and eroded, with some small rocks and debris scattered on the sand. The lighting is bright, suggesting a sunny day.

What is around the corner?