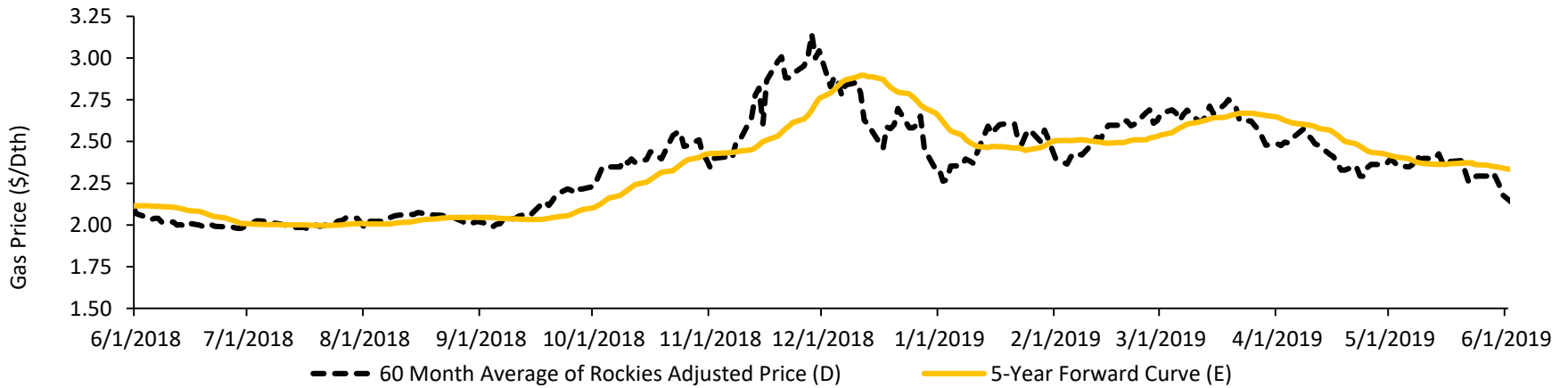
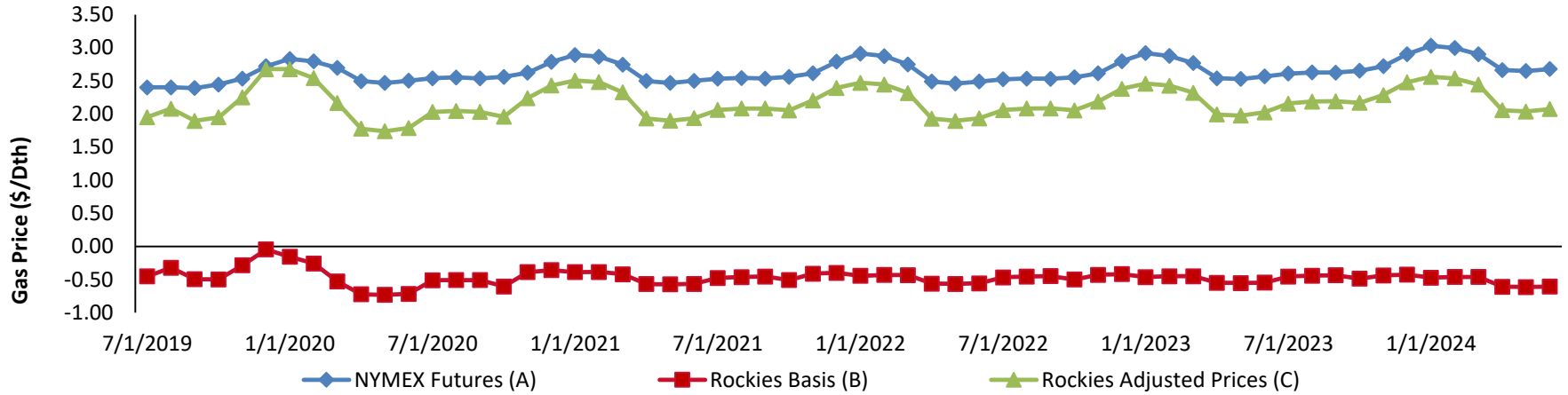


# Calculation of 5-Year Forward Curve

## Gas Prices Utilized

- (A) NYMEX Monthly Price (60 Months) (1)
- (B) Northwest Pipeline Rockies Basis (2)
- (C) Rockies-Adjusted Prices (A+B)
- (D) 60 Month Average Rockies-Adjusted Price (C)
- (E) Average of 20 Trailing Days of (D) = 5-Year Forward Curve



## Sources:

- (1) [www.ino.com](http://www.ino.com)
- (2) [www.cmegroup.com/trading/energy/natural-gas/northwest-pipeline-rockies-natural-gas-basis-swap-futures-platts-iferc\\_quotes\\_settlements\\_futures.html](http://www.cmegroup.com/trading/energy/natural-gas/northwest-pipeline-rockies-natural-gas-basis-swap-futures-platts-iferc_quotes_settlements_futures.html)
- (3) <https://platform.mi.spglobal.com/web/client?auth=inherit#markets/gasFutures?key=982fafdb-b14f-4c18-b151-75be96d6c2c5>

# 2018 – 2019 IRP Year Production

Wellhead Production = Provided  
Forecasted IRP by Wexpro  
Gas Demand

72,262,059 = 62.61%  
115,421,367

