

**Early Morning Update:**

The Dec18 natural gas contract is trading up \$0.10 at \$4.62.  
The Jan19 crude contract is up \$0.83 at \$54.26.

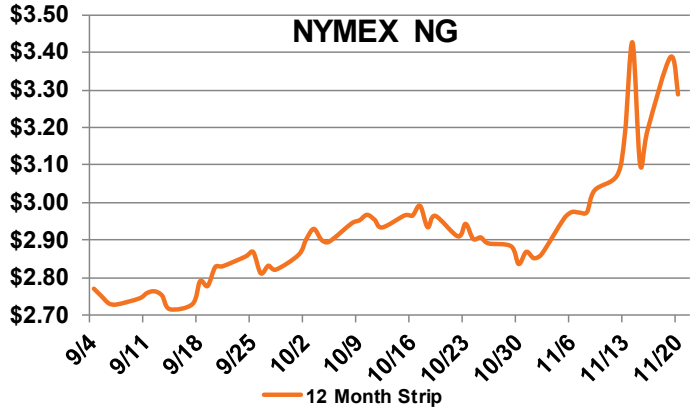
**Summary:** Chipping away at some of the recent gains in NYMEX, the Dec'18 – Mar'19 strip was down yesterday by as much as 43 cents and ultimately settled down 18 cents at \$4.389/MMBtu. The 2019 strip followed suit, settling down 8.9 cents at \$3.151/MMBtu, while 2020 improved on its significant value over 2019, settling at 2.621/MMBtu, a drop of 4 cents on the day. Yesterday set a new high mark for natural gas production at 85.7 Bcf/d, which is expected to fall back to near 85 Bcf/d for today. This segues into the anticipation over today's early release of the EIA Storage Report, due to the Thanksgiving holiday, which will kick off the 2018/19 withdrawal season. Estimates are looking for a withdrawal of 112 Bcf, a significant increase from the 2017/18 season's initial withdrawal of 18 Bcf, and the year-ago withdrawal of 46 Bcf.

**Bullish Factors**

- Cold weather
- LNG exports ramping up
- Lowest EOS storage level in decade

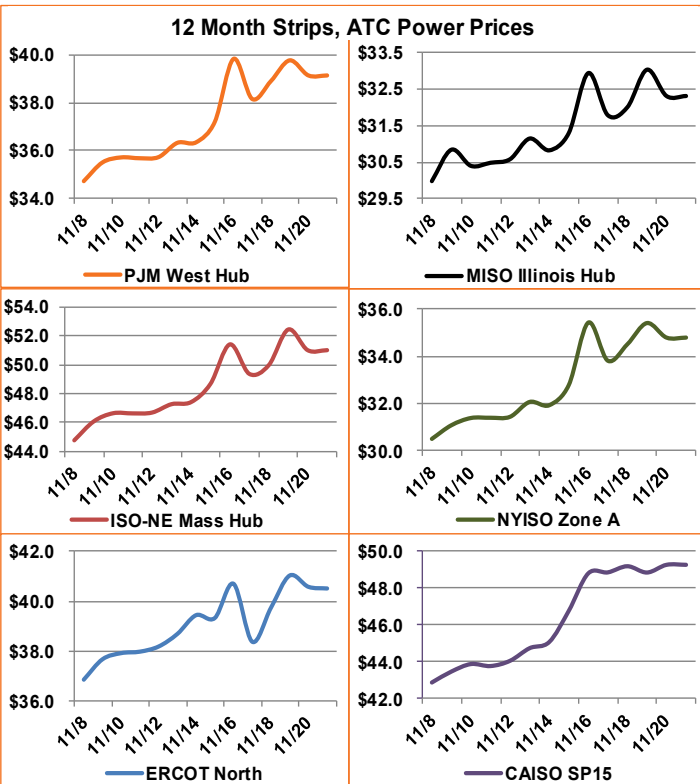
**Bearish Factors**

- Record NG production
- Growing renewable energy generation
- Higher associated gas production



**Next Day On-Peak Power (traded for 11/21/2018)**

ISO-NE Mass Hub \$106.25	MISO Indiana Hub \$41.75	NYISO Zone G \$52.88
PJM West Hub \$40.30	ERCOT North \$36.83	CAISO SP15 \$65.23
<b>NYMEX NG</b>		
	<b>Close</b>	<b>Change</b>
Dec-18	4.523	-0.177
Jan-19	4.521	-0.191
12 Month	3.288	-0.099
Cal 19	3.151	-0.089
Cal 20	2.621	-0.040



**EIA Natural Gas Storage**

EIA Reported Storage (Bcf)	This Week	Last Week	Last Year	5-Year Avg.
<b>Total</b>	<b>3,247</b>	<b>3,208</b>	<b>3,775</b>	<b>3,848</b>
<b>Diff v. Current</b>		<b>39</b>	<b>-528</b>	<b>-601</b>
<b>% Diff</b>			<b>-14.0%</b>	<b>-15.6%</b>

