

SEPTEMBER 4 - 8, 2023 MARKET SUMMARY



SPOTLIGHT | Everource and National Grid Submit Plans to Provide 7.4 GW of Additional Grid Capacity in MA

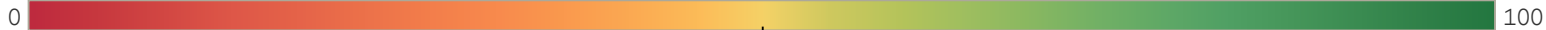
Massachusetts utilities Eversource and National Grid submitted their Electric Sector Modernization Plans (ESMP) last week to the Massachusetts Grid Modernization Advisory Council. The ESMP details the utilities' plans to meet increasing electric grid demand directly tied to the state's Clean Energy and Climate Plan for 2035 and 2050.....



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CES SCORE | Is it Time for Action?

The **CES SCORE** shows how current wholesale commodity prices compare to their 52-week range. A score close to 0 indicates that current prices are close to their 52-week **HIGH**; a score close to 100 indicates that current prices are close to their 52-week **LOW**. Many factors influence how wholesale prices are translated into retail prices paid by consumers and when it is time to consider a price lock. Please contact your CES Energy Services Advisor for customized strategic procurement advice.



NATURAL GAS NYMEX TERMS

12 MONTH: 94
18 MONTH: 89
24 MONTH: 91
36 MONTH: 88

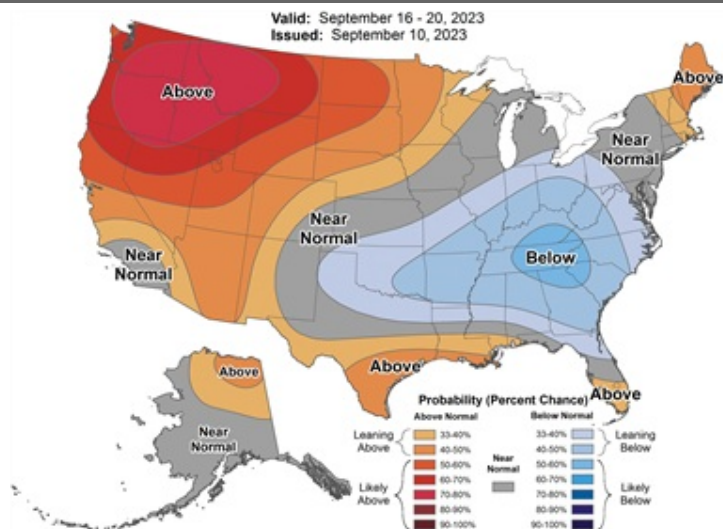
NEW ENGLAND ELECTRICITY TERMS

12 MONTH: 95
18 MONTH: 83
24 MONTH: 88
36 MONTH: 80

CRUDE OIL TERMS

12 MONTH: 58
18 MONTH: 56
24 MONTH: 55
36 MONTH: 52

WEATHER | 6-10 Day Forecast



A colder front is moving into the Southeast and Midwest, while warmer-than-average temperatures are projected for much of the West Coast through the middle of September.

This map depicts forecasted temperatures for next week compared to the long-term average. The **blue/purple** areas are forecast to be colder than normal, gray areas are normal, and **yellow/orange/red** areas are warmer than normal. Abnormally hot weather in the summer and cold weather in the winter can increase the price for natural gas, oil, and electricity.

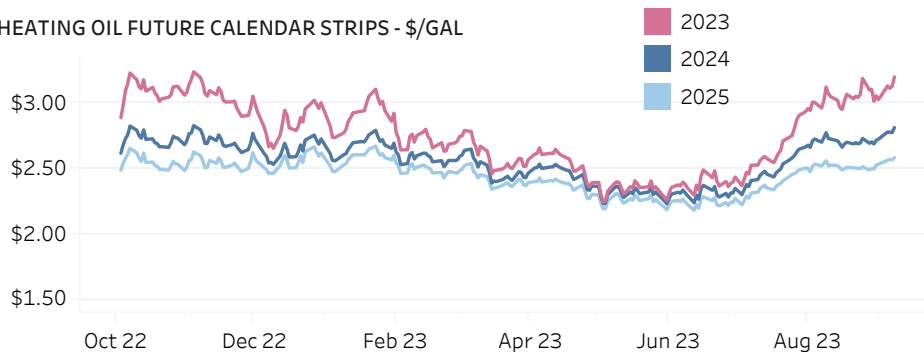
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OIL & DISTILLATES OVERVIEW

HEATING OIL FUTURE CALENDAR STRIPS - \$/GAL

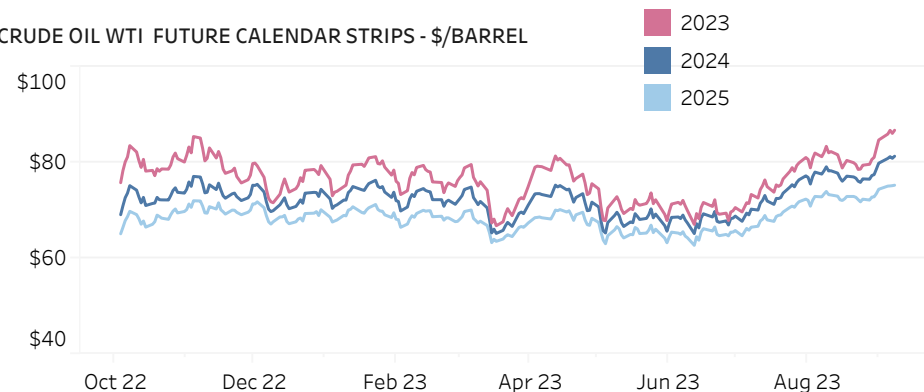


Prompt Month Price For Sep 23

This Week:	\$83.63/Bbl
Prior Week:	\$87.51/Bbl
CHANGE:	(\$3.88)/Bbl

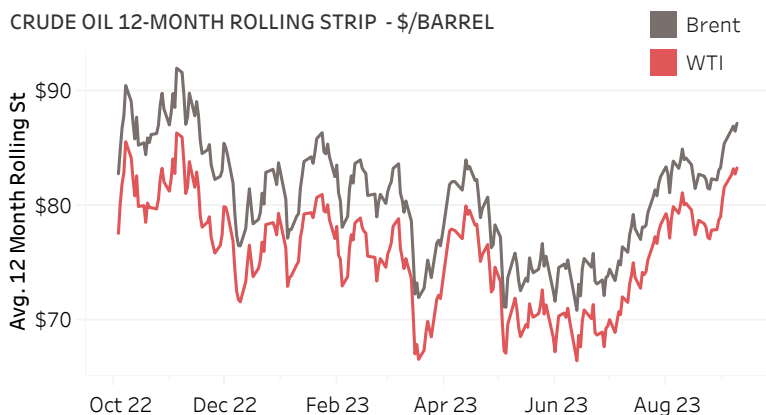
WTI closed at \$82.84/Barrel last week, up 2.8% from a week ago, and Brent closed at \$86.59/Barrel, up 2.4% week-over-week. After an extension of OPEC+ supply cuts through the end of the year, crude oil prices climbed to a nine-month high. A slump in Chinese demand for oil continues to be a pessimistic factor in determining global crude oil prices. In August, China registered declines in exports and imports, signaling lower trade revenues as well as weak consumer spending at home. Analysts, investors, and traders also continue to watch the European Central Bank (ECB) closely leading up to the next ECB meeting this coming Thursday. ECB is on a streak of nine consecutive interest rate hikes, applying downward pressure on global oil prices. Another hike on Thursday could partially alleviate the impact of OPEC+ supply constraints on crude oil markets.

CRUDE OIL WTI FUTURE CALENDAR STRIPS - \$/BARREL

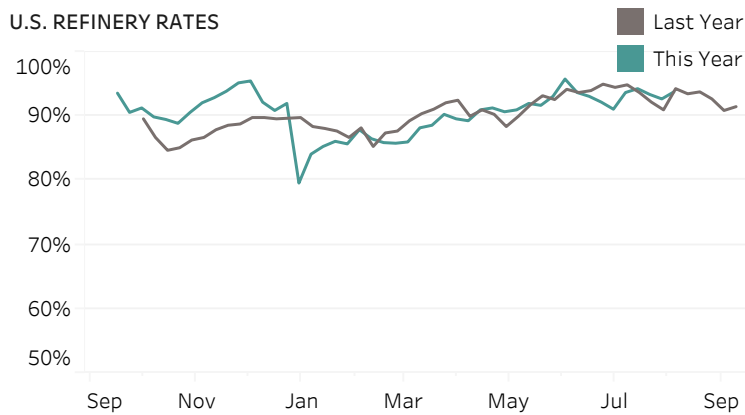


FUNDAMENTALS

CRUDE OIL 12-MONTH ROLLING STRIP - \$/BARREL

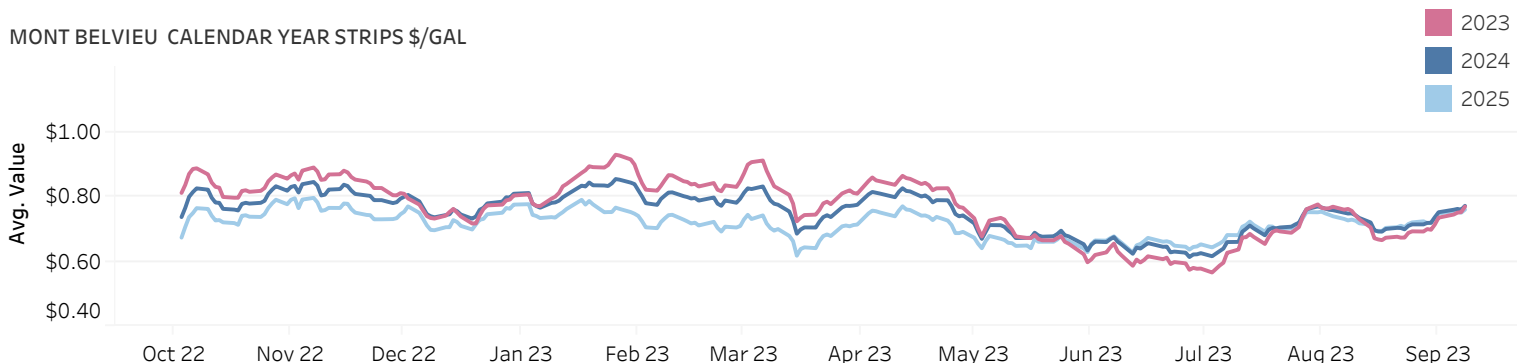


U.S. REFINERY RATES



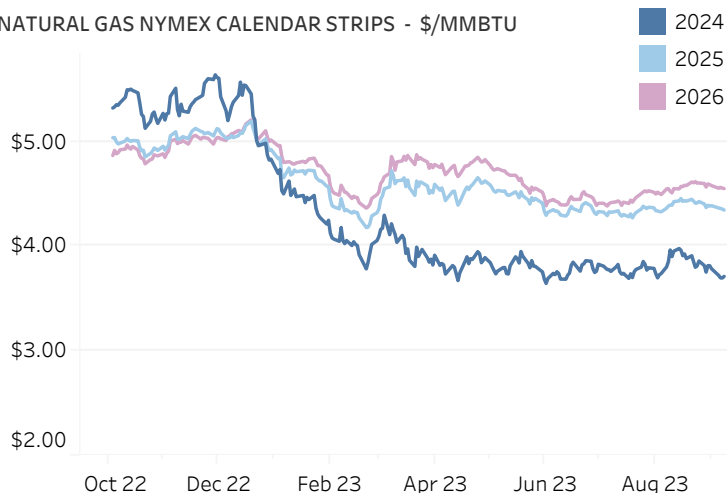
PROPANE

MONT BELVIEU CALENDAR YEAR STRIPS \$/GAL



NATURAL GAS OVERVIEW

NATURAL GAS NYMEX CALENDAR STRIPS - \$/MMBTU



Winter natural gas NYMEX strips are an average of commodity prices for the months of December - March of each winter. Prices are presented in this format to highlight what consumers will pay during the typical heating season in the U.S.

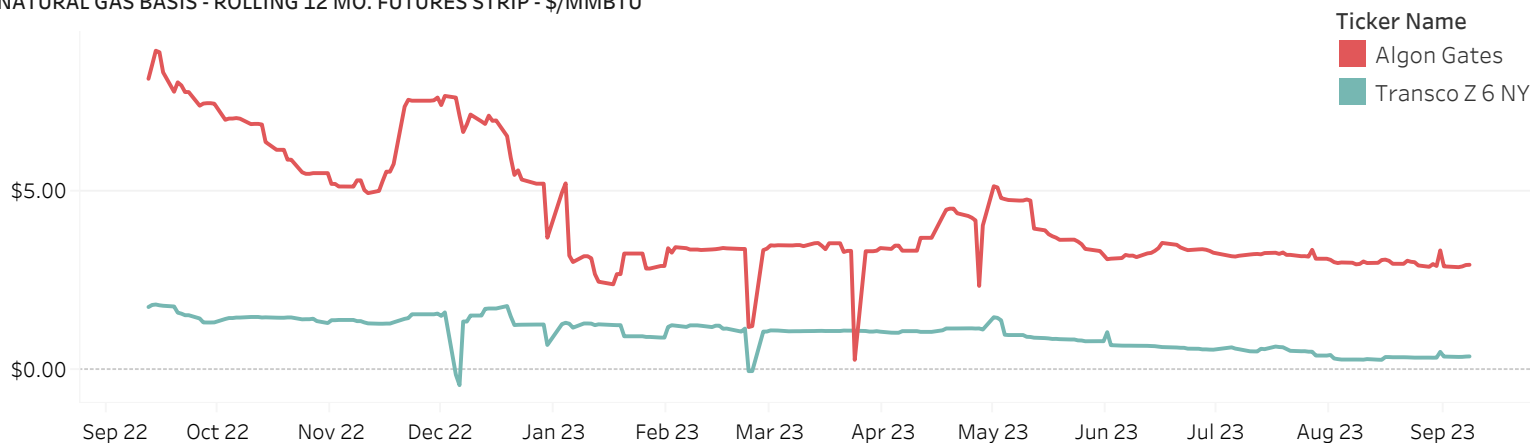
Prompt Month Price For Sep 23 ---

This Week:	\$2.61/MMBTU
Prior Week:	\$2.77/MMBTU
CHANGE:	(\$0.16)/MMBTU

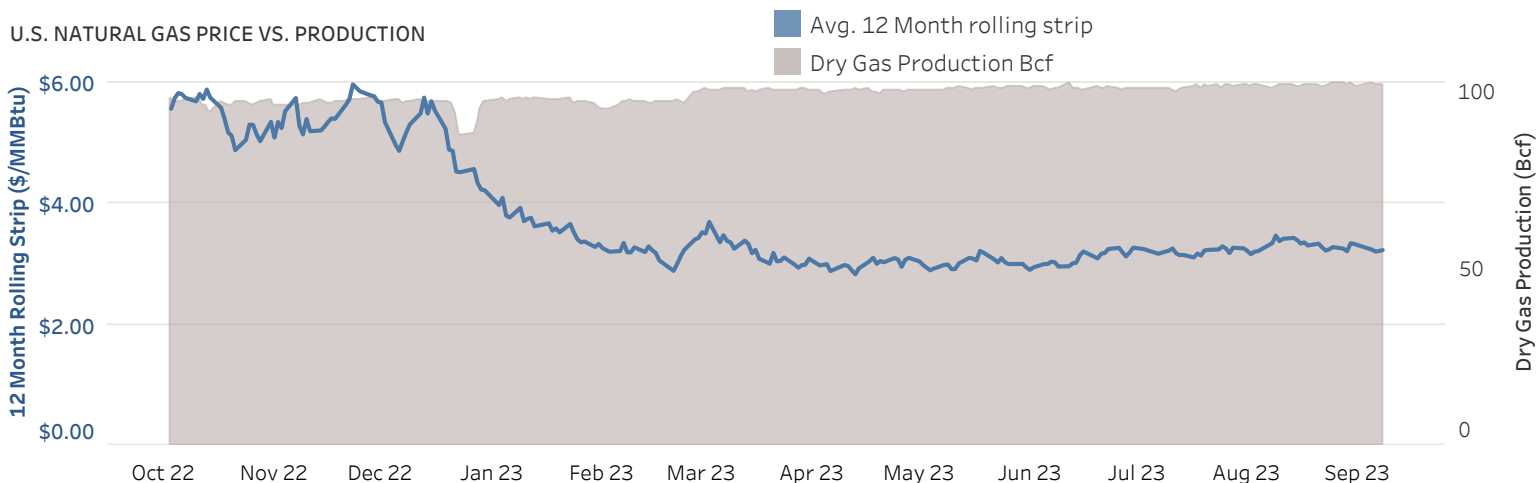
Natural gas prompt month futures saw a 0.16% decrease week-over-week to land at \$2.61/MMBTU. This week, we saw natural gas production remain above 100 Bcf/d and decrease slightly to 102.6 Bcf/day, down from 102.2 Bcf/day the week prior. Last week's natural gas storage injections totaled 33 Bcf, which was toward the bottom of the range predicted by analysts. U.S. storage inventories, however, remain 222 Bcf above the 5-year average. Regarding LNG worker strikes in Australia, Chevron and its LNG workers have still not come to an agreement, and industrial action has begun in small amounts with a full strike set to begin on Thursday. Output disruptions, however, are not expected for a few weeks because of Chevron's stored reserves and non-union workforce. If supply shortages do ensue because of the strike, international LNG prices in Europe and Asia will be the first to react, which is likely to bleed into U.S. natural gas prices if the situation does not improve.

NATURAL GAS FUNDAMENTALS

NATURAL GAS BASIS - ROLLING 12 MO. FUTURES STRIP - \$/MMBTU



U.S. NATURAL GAS PRICE VS. PRODUCTION



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NEW ENGLAND ELECTRICITY OVERVIEW

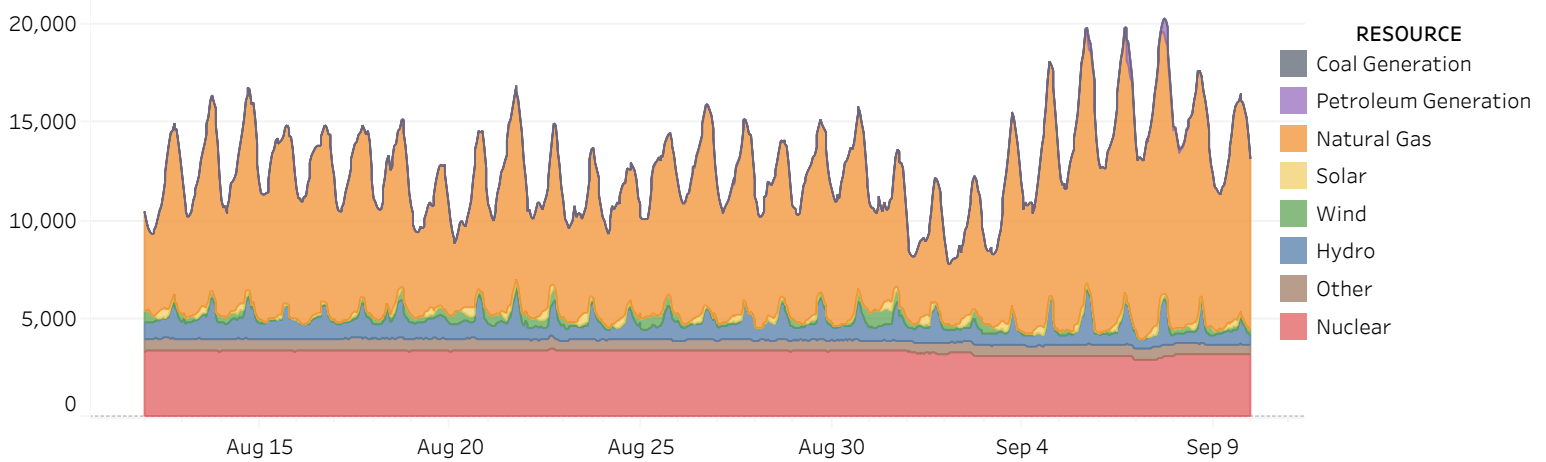
NEPOOL FUTURES MARKET CALENDAR STRIP PRICING - \$/MWH



The NEPOOL 12-month strip fell 4.2% week-over-week, settling at \$64.49/MWh. All calendar strips also saw decreases week-over-week. The 2024 strip decreased 0.64% week-over-week to \$68.03/MWh, and both the 2025 and 2026 strips decreased 0.37%, settling at \$69.80/MWh and \$63.88/MWh respectively. Natural gas storage sits within the 5-year average, with storage increasing 33 Bcf to 222 Bcf above the 5-year average, and both NYMEX and Basis fell week-over-week. On Friday, ISO-NE reported that loads peaked at 23,521 MW hour ending 18 on Thursday, September 7th. While these are preliminary numbers and are subject to change, load from Thursday will likely establish the peak for the summer, making it the latest annual system peak since the regional forward capacity market was established close to two decades ago. High temperatures from this September heat last week put upward pressure on prices, but subsequent cooling has seen prices drop.

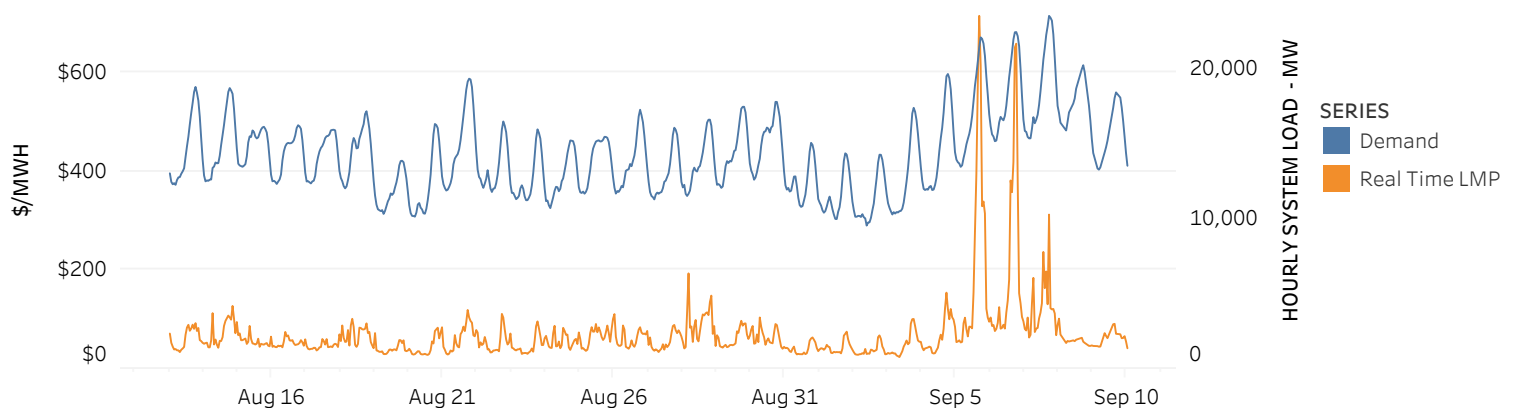
NEW ENGLAND REGIONAL ELECTRICITY GRID GENERATION MIX

ISO-NE GRID ELECTRICITY GENERATION MIX - EXCLUDES IMPORTS - MW



NEW ENGLAND GRID FUNDAMENTALS

ISO NE HOURLY GRID DEMAND & REAL TIME LMP RATE



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