



MARKET SUMMARY REPORT

June 2023

UNDERSTANDING THIS MARKET SNAPSHOT

Use the information in this email to identify trends and movements affecting electricity in the ERCOT market to make informed energy decisions. Here are a few quick tips:

- **Power prices** are determined from forward Heat Rate and natural gas strips for a specific timeframe. *Power Price* = *Heat Rate x Natural Gas Price*. Power prices can change based on electricity supply and demand, which is driven by factors such as weather, the economy, available generation and grid conditions.
- **Natural Gas** prices are a key driver of power prices because natural gas fuels the power plants that are brought online primarily to satisfy peak demand.

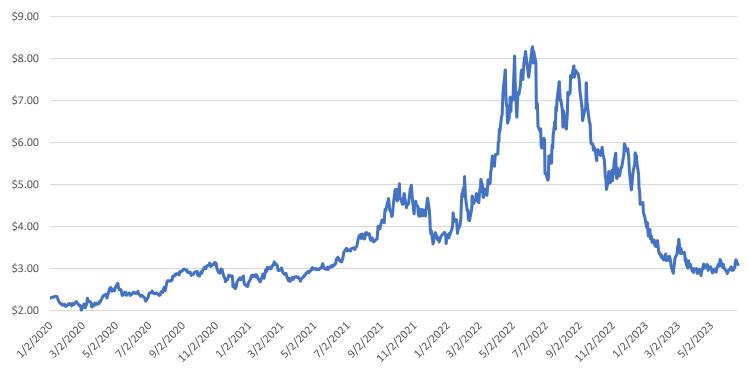
Heat Rates are the common measure of power plant efficiency and are derived from power and natural gas prices: *Heat Rate* = *Power Price* ÷ *Natural Gas Price*. Heat rates are typically higher when gas prices are lower. Heat rates are impacted by weather, regulatory changes, consumer demand and power plant retirements.

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NYMEX NATURAL GAS 12 MONTH PRICES

- The NYMEX Natural Gas 12-month strip finished the June 20th trading day at \$3.10/MMBtu.
- The 2023 average for the 12-month strip has been \$3.18/MMBtu.

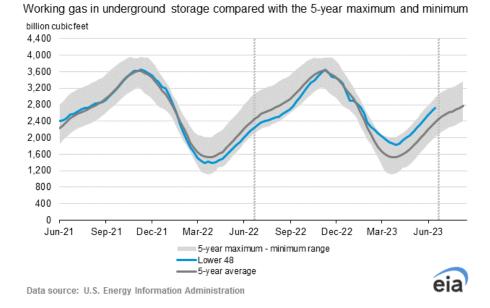


NYMEX 12 Month Strip – Daily Settles

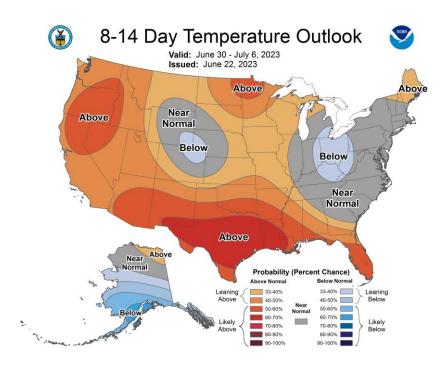
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NATURAL GAS STORAGE



- Working gas in storage was 2729 Bcf as of Friday, June 16th, 2023.
- An injection of 95 Bcf within the range of analysts' expectations
- Stocks are now 26.5% above this time last year and 15.3% above the 5-year average.



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REAL-TIME **PRICING**

| | Real-Time Settlement Point Price (Load Zone) | | | | ERCOT Nodal Intrazonal Congestion | | | |
|-----------|--|----------|----------|----------|-----------------------------------|----------|-----------|---------|
| | Monthly Averages | | | | Monthly Averages | | | |
| Date | North | Houston | South | West | North | Houston | South | West |
| 6/1/2023 | \$77.71 | \$77.83 | \$75.23 | \$81.66 | \$0.03 | \$0.00 | (\$1.35) | \$2.81 |
| 5/1/2023 | \$28.72 | \$31.34 | \$29.41 | \$38.78 | \$0.14 | \$0.31 | \$0.67 | \$8.70 |
| 4/1/2023 | \$20.14 | \$21.63 | \$21.70 | \$38.91 | \$0.49 | \$0.44 | \$1.42 | \$20.53 |
| 3/1/2023 | \$25.38 | \$26.14 | \$29.43 | \$53.62 | \$0.85 | \$0.02 | \$3.38 | \$25.42 |
| 2/1/2023 | \$18.35 | \$19.40 | \$19.31 | \$27.31 | \$0.10 | \$0.31 | \$1.64 | \$9.54 |
| 1/1/2023 | \$23.40 | \$22.81 | \$22.90 | \$33.96 | \$0.02 | (\$0.15) | \$0.47 | \$13.31 |
| 12/1/2022 | \$59.18 | \$57.01 | \$56.23 | \$71.57 | \$2.87 | \$0.20 | \$2.28 | \$16.57 |
| 11/1/2022 | \$42.24 | \$45.42 | \$42.95 | \$39.96 | \$0.86 | \$1.10 | \$1.32 | \$3.21 |
| 10/1/2022 | \$48.29 | \$51.25 | \$50.22 | \$48.34 | \$0.06 | \$1.16 | \$1.17 | \$3.53 |
| 9/1/2022 | \$64.25 | \$65.47 | \$66.25 | \$65.23 | \$0.13 | \$0.13 | \$1.29 | \$1.68 |
| 8/1/2022 | \$90.40 | \$89.59 | \$83.55 | \$90.27 | \$0.31 | (\$0.03) | (\$3.19) | \$1.26 |
| 7/1/2022 | \$148.08 | \$143.06 | \$119.92 | \$148.64 | \$0.17 | \$0.21 | (\$12.63) | \$2.26 |
| 6/1/2022 | \$64.33 | \$79.43 | \$61.96 | \$58.95 | \$0.36 | \$2.93 | (\$0.01) | \$1.38 |

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ENERGY-ONLY POWER PRICES

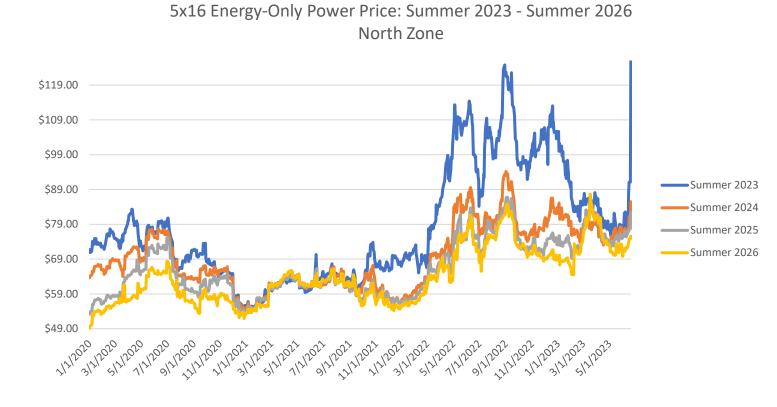


NZ 7x24 Energy-Only Power Price: CAL2024- CAL2027

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