



# 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.

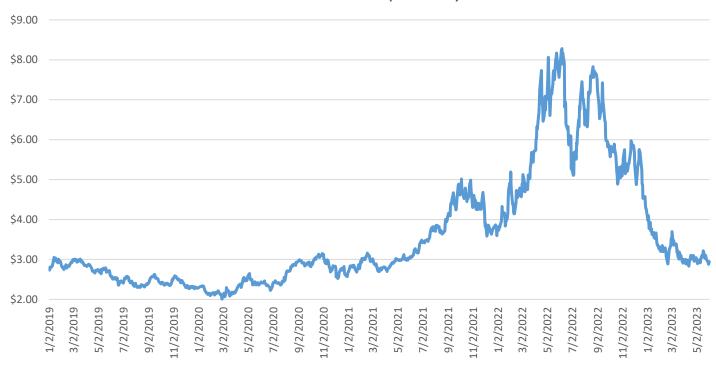
**Heat Rates** are the common measure of power plant efficiency and are derived from power and natural gas prices: *Heat Rate = Power Price ÷ Natural Gas Price*. Heat rates are typically higher when gas prices are lower. Heat rates are impacted by weather, regulatory changes, consumer demand and power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



#### NYMEX NATURAL GAS 12 MONTH PRICES

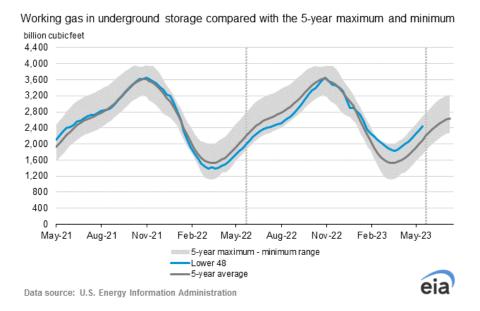
- The NYMEX Natural Gas 12-month strip finished the June 2<sup>nd</sup> trading day at \$2.94/MMBtu.
- The 2023 average for the 12-month strip has been \$3.20/MMBtu.

#### NYMEX 12 Month Strip - Daily Settles

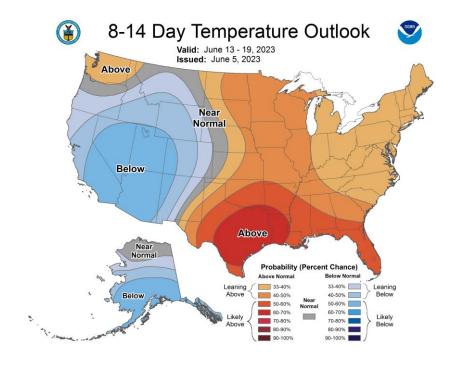




#### **NATURAL GAS STORAGE**



- Working gas in storage was 2446 Bcf as of Friday, May 26th, 2023.
- An injection of 110 Bcf was below analysts' expectations for an injection of ~113 Bcf
- Stocks are now 29.5% above this time last year and 16.6% above the 5-year average.





# 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
5/1/2023	\$26.78	\$26.90	\$26.86	\$26.28	(\$0.00)	\$0.02	\$0.15	\$0.35
4/1/2023	\$28.72	\$31.34	\$29.41	\$38.78	\$0.14	\$0.31	\$0.67	\$8.70
3/1/2023	\$20.14	\$21.63	\$21.70	\$38.91	\$0.49	\$0.44	\$1.42	\$20.53
2/1/2023	\$25.38	\$26.14	\$29.43	\$53.62	\$0.85	\$0.02	\$3.38	\$25.42
1/1/2023	\$18.35	\$19.40	\$19.31	\$27.31	\$0.10	\$0.31	\$1.64	\$9.54
12/1/2022	\$23.40	\$22.81	\$22.90	\$33.96	\$0.02	(\$0.15)	\$0.47	\$13.31
11/1/2022	\$59.18	\$57.01	\$56.23	\$71.57	\$2.87	\$0.20	\$2.28	\$16.57
10/1/2022	\$42.24	\$45.42	\$42.95	\$39.96	\$0.86	\$1.10	\$1.32	\$3.21
9/1/2022	\$48.29	\$51.25	\$50.22	\$48.34	\$0.06	\$1.16	\$1.17	\$3.53
8/1/2022	\$64.25	\$65.47	\$66.25	\$65.23	\$0.13	\$0.13	\$1.29	\$1.68
7/1/2022	\$90.40	\$89.59	\$83.55	\$90.27	\$0.31	(\$0.03)	(\$3.19)	\$1.26
6/1/2022	\$148.08	\$143.06	\$119.92	\$148.64	\$0.17	\$0.21	(\$12.63)	\$2.26
5/1/2022	\$64.33	\$79.43	\$61.96	\$58.95	\$0.36	\$2.93	(\$0.01)	\$1.38



### **ENERGY-ONLY POWER PRICES**

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





# **ENERGY-ONLY POWER PRICES**

5x16 Energy-Only Power Price: Summer 2023 - Summer 2026 North Zone

