



# MARKET SUMMARY REPORT

September 2024

## 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.

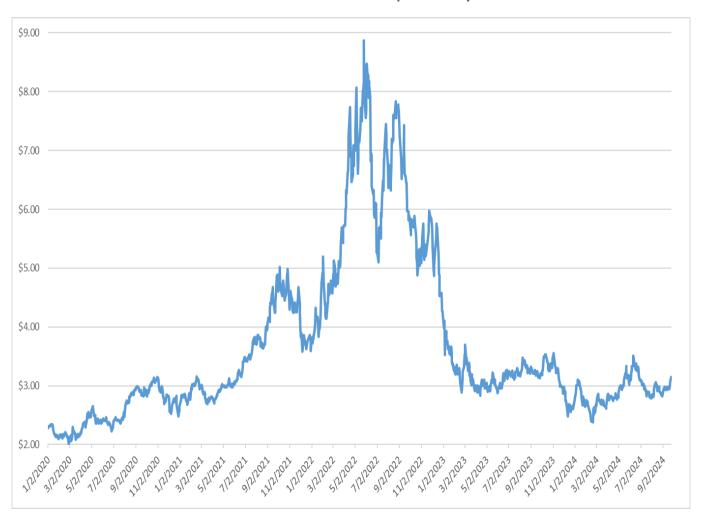
**Heat Rates** are the common measure of power plant efficiency and are derived from power and natural gas prices: *Heat Rate = Power Price ÷ Natural Gas Price*. Heat rates are typically higher when gas prices are lower. Heat rates are impacted by weather, regulatory changes, consumer demand and power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



### NYMEX **NATURAL GAS 12 MONTH PRICES**

- The NYMEX Natural Gas 12-month strip finished the September 23<sup>rd</sup> trading day at \$3.14/MMBtu.
- The 2024 average for the 12-month strip has been \$2.90/MMBtu.

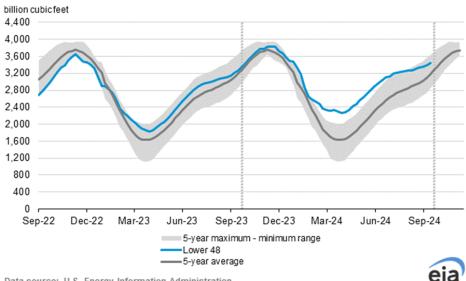
#### NYMEX 12 Month Strip - Daily Settles





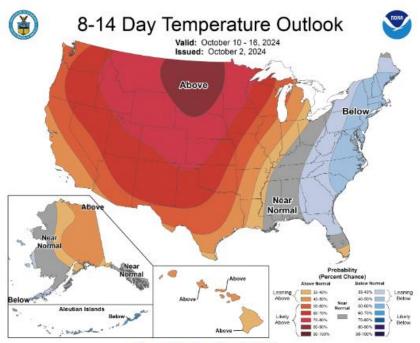
# **EIA NATURAL GAS STORAGE**

Working gas in underground storage compared with the 5-year maximum and minimum



Data source: U.S. Energy Information Administration

- Working gas in storage was 4,445 Bcf as of Friday, September 13th
- Stocks are 194 Bcf higher than last year and 274Bcf above the five-year average
- Injection of 58 Bcf to storage for the week



**Precipitation Probability** 



# REAL-TIME PRICING

	Real-Time Settlement Point Price (Load Zone)				ERCOT Nol Intrazonal Congestion			
	Monthly Averages				Monthly Averages			
Date	North	Houston	South	West	North	Houston	South	West
9/1/2024	\$23.42	\$22.83	\$22.60	\$31.32	\$0.85	\$0.05	\$0.29	\$6.95
8/1/2024	\$35.78	\$35.80	\$38.76	\$46.45	\$0.97	\$0.06	\$1.58	\$8.65
7/1/2024	\$22.80	\$21.81	\$26.14	\$29.25	\$0.44	(\$0.03)	\$2.93	\$6.27
6/1/2024	\$27.64	\$30.23	\$39.24	\$28.97	\$0.30	\$0.00	\$9.57	\$3.90
5/1/2024	\$36.48	\$41.02	\$57.64	\$42.01	\$1.21	\$0.10	\$16.75	\$7.07
4/1/2024	\$25.51	\$28.04	\$29.71	\$29.52	\$0.30	\$0.09	\$2.61	\$5.31
3/1/2024	\$16.80	\$21.39	\$23.36	\$42.35	\$0.01	\$1.29	\$2.43	\$15.80
2/1/2024	\$13.99	\$14.57	\$13.25	\$20.40	(\$0.04)	\$0.03	(\$0.27)	\$4.71
1/1/2024	\$35.21	\$32.26	\$36.17	\$40.27	\$1.38	\$0.29	\$4.20	\$5.97
12/1/2023	\$19.69	\$20.50	\$20.51	\$39.49	\$0.04	\$0.33	(\$0.25)	\$13.89
11/1/2023	\$28.42	\$29.66	\$29.05	\$40.16	\$0.08	\$0.19	(\$0.71)	\$8.78
10/1/2023	\$31.43	\$33.78	\$32.35	\$44.49	\$0.64	\$0.77	\$0.92	\$10.28
9/1/2023	\$91.18	\$89.59	\$83.85	\$96.52	\$0.89	\$0.33	(\$2.13)	\$4.77



# **ENERGY-ONLY POWER PRICES**

Forward Calendar Pricing 9/23/2024 v. 5/1/2024									
	Cal 2025	Cal 2028	Summer 2025	Summer 2028					
Delta (%)	-13.3%	-22.9%	-20.5%	-34.00%					





