

# Black Hills Nebraska Gas, LLC

d/b/a Black Hills Energy

## **NG - 101.1 Quarterly Commission Meeting**

Presented to the Nebraska Public Service  
Commission October 7, 2025

*Ready*





# Agenda

- Gas Supply Market Outlook Winter 2025-26 - Kent Kopetzky
- Annual Price Option ("APO") Status - Jennifer Peters
- Green Forward - Eben Nordahl
- Cybersecurity Update - John Jorgensen/Matt Irwin

*Ready*



# Gas Supply Market Outlook Winter 2025-26

Kent Kopetzky



# Black Hills Energy

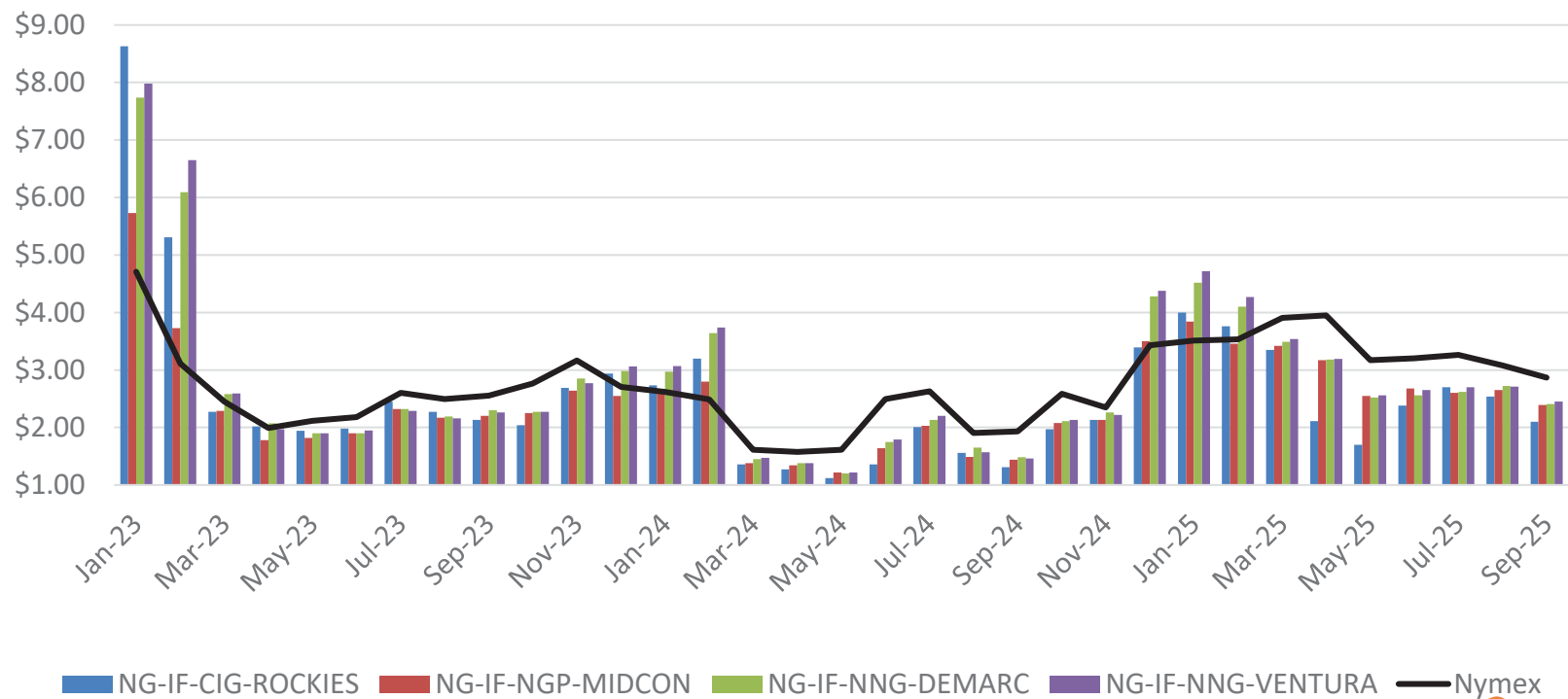
## Quarterly Update – Gas Supply

Winter 2025-2026 Market Update

October 7, 2025

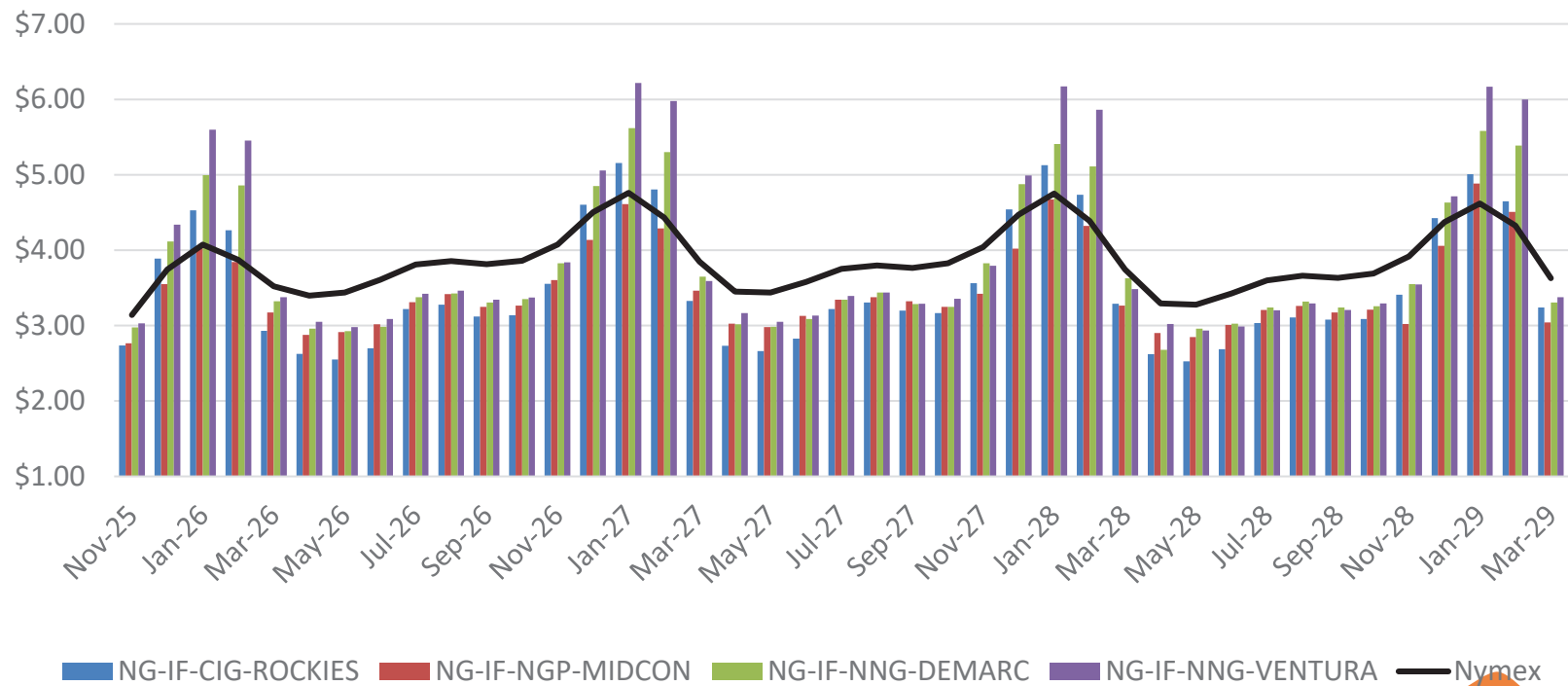


# Historical Natural Gas Pricing



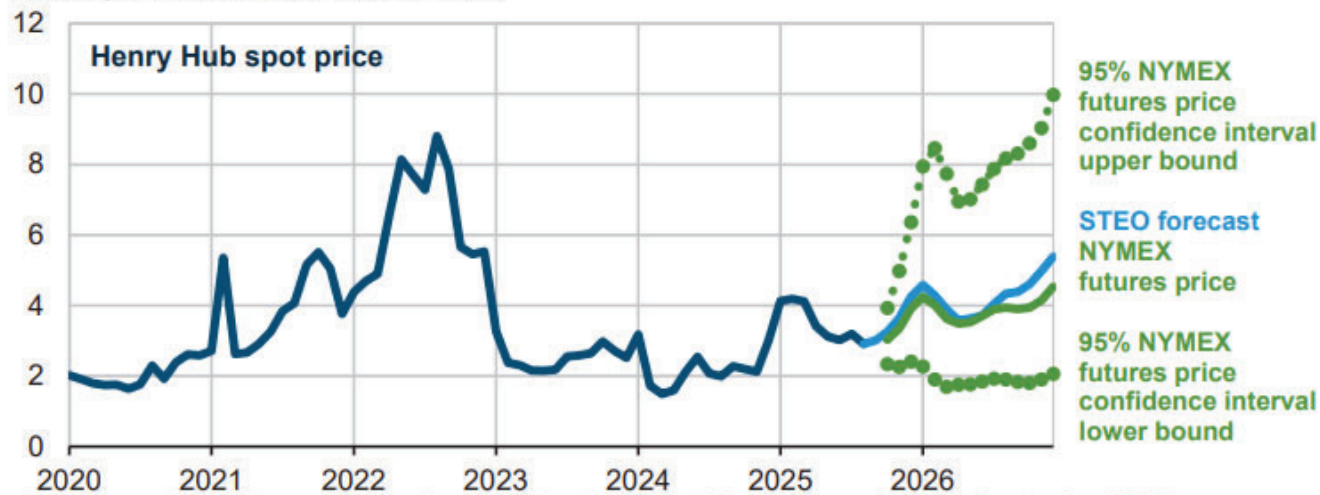
# Future Natural Gas Pricing

indicative of market settlements on 9/23/2025



# Henry Hub Historical and NYMEX Forecast

Henry Hub natural gas price and NYMEX confidence intervals  
dollars per million British thermal units



Data source: U.S. Energy Information Administration, Short-Term Energy Outlook, September 2025, CME Group, and Refinitiv an LSEG Business

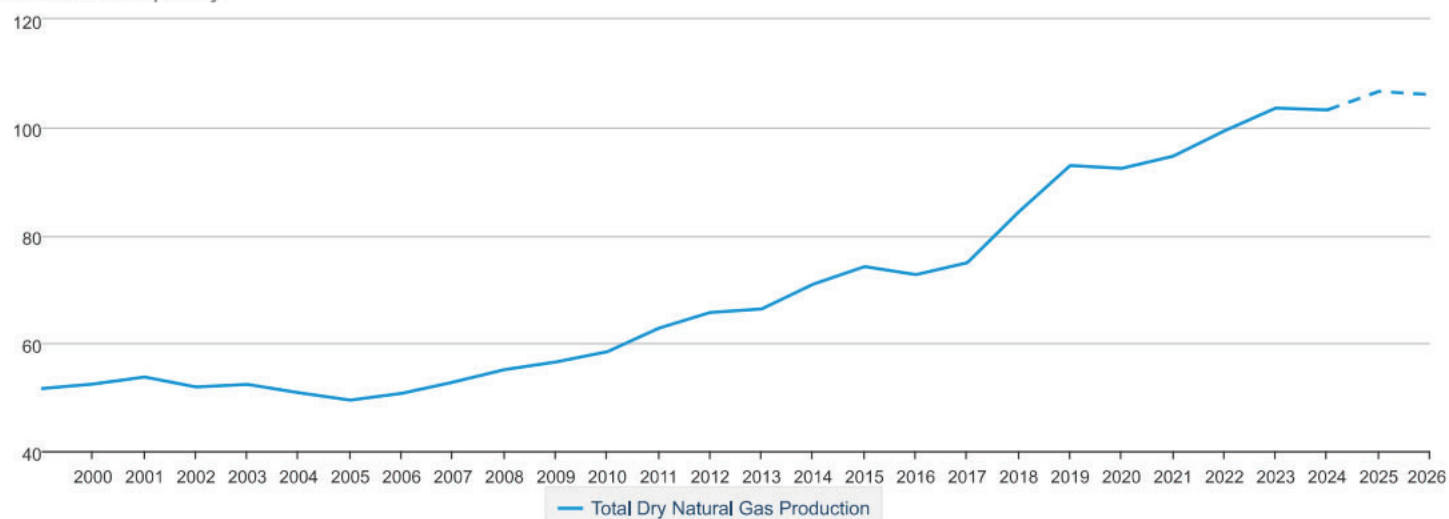
Note: Confidence interval derived from options market information for the five trading days ending September 4, 2025. Intervals not calculated for months with sparse trading in near-the-money options contracts.



# Domestic Production

## Total Dry Natural Gas Production

billion cubic feet per day



Data source: U.S. Energy Information Administration

EIA September 2025 Short Term Energy Outlook

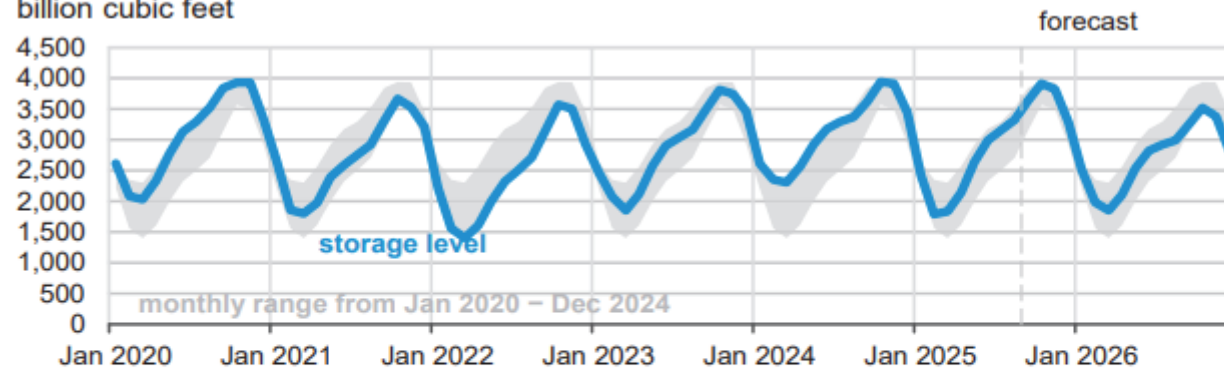
*Ready*

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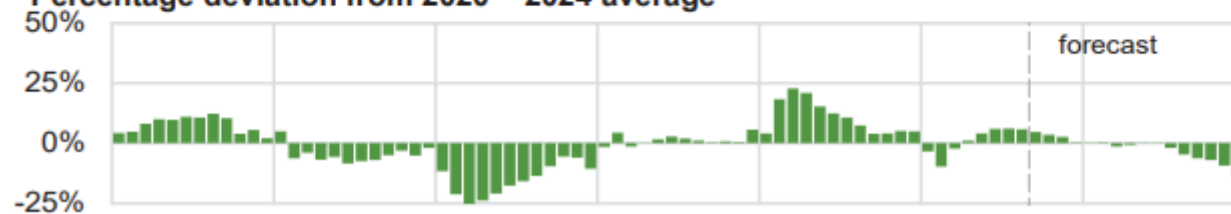



# U.S. Working Gas Storage Inventory Forecast

**U.S. working natural gas in storage**  
billion cubic feet

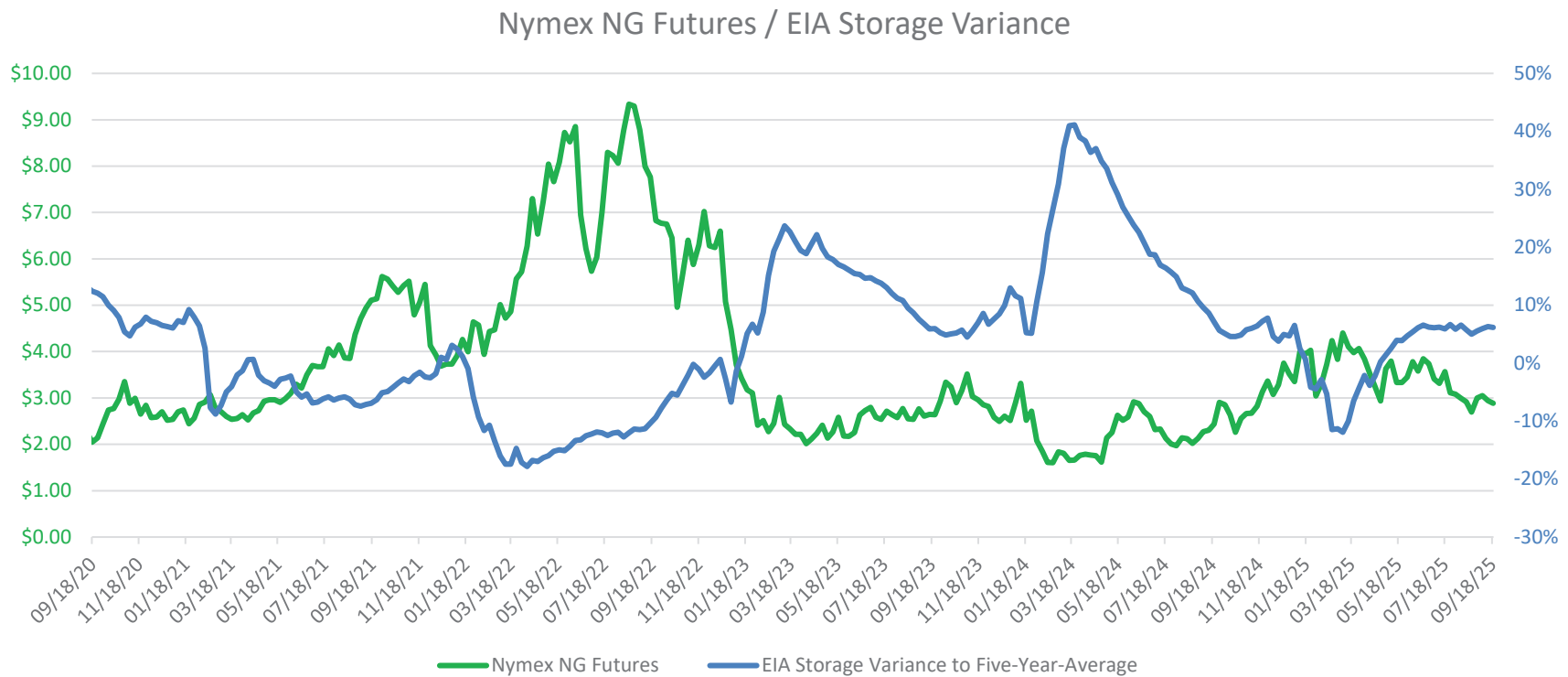


**Percentage deviation from 2020 - 2024 average**

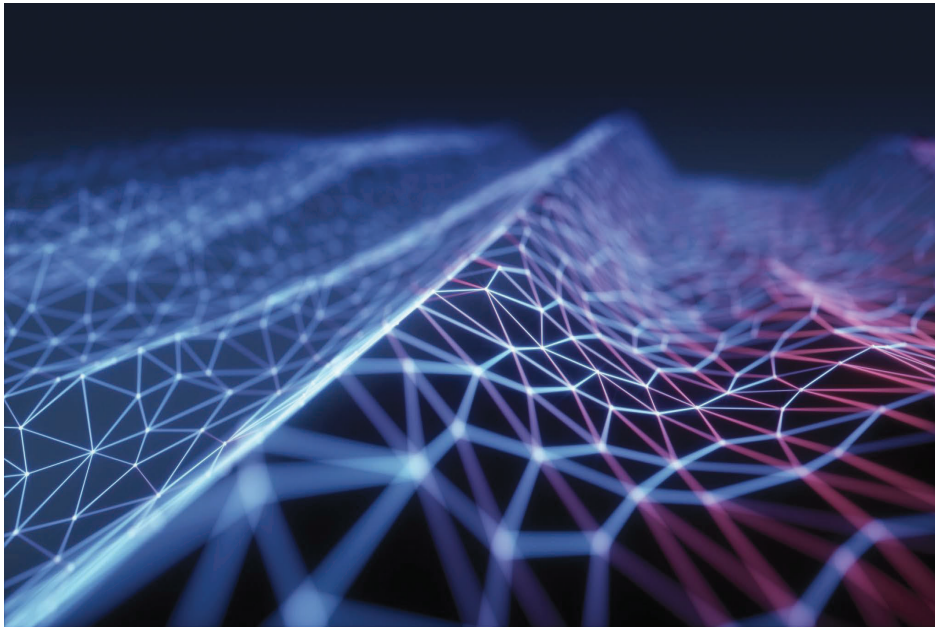


Data source: U.S. Energy Information Administration, Short-Term Energy Outlook, September 2025 

# Storage - Price Relationship



# Items On Our Radar Screen

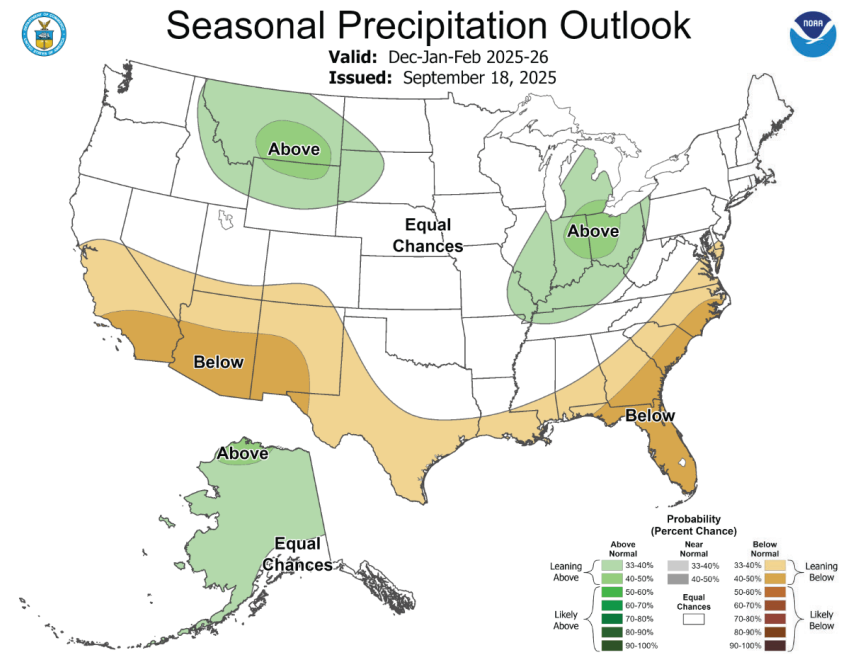
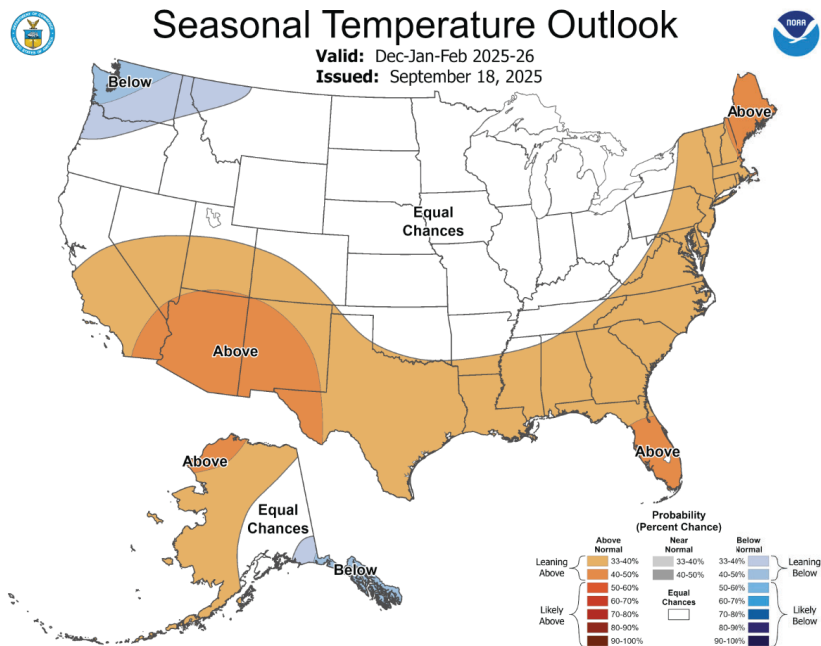


- LNG EXPORT CAPACITY
  - Exports expected to increase by 28% from 2024 to 2025; 12% increase (+2 Bcf/day) expected in 2026
- DATA CENTER LOADS
  - Potential impacts to supply and pipeline capacity

## Summary

- Natural gas prices have slowly declined this summer but remain above last summer
- U.S. natural gas storage inventory expected to end summer above 5-year-average
- U.S. dry natural gas production hovering around record levels; increased production meeting higher LNG export demand

# NOAA Seasonal Weather Outlook Winter 2025 - 2026



## Overview

We are a customer focused, growth-oriented utility company with a tradition of improving life with energy and a vision to be the energy partner of choice. Based in Rapid City, South Dakota, the company serves 1.35 million natural gas and electric utility customers in eight states: Arkansas, Colorado, Iowa, Kansas, Montana, Nebraska, South Dakota and Wyoming.

### Gas Utilities

Arkansas  
Colorado  
Iowa  
Kansas  
Nebraska  
Wyoming\*

### Electric Utilities

South Dakota  
Colorado  
Wyoming\*

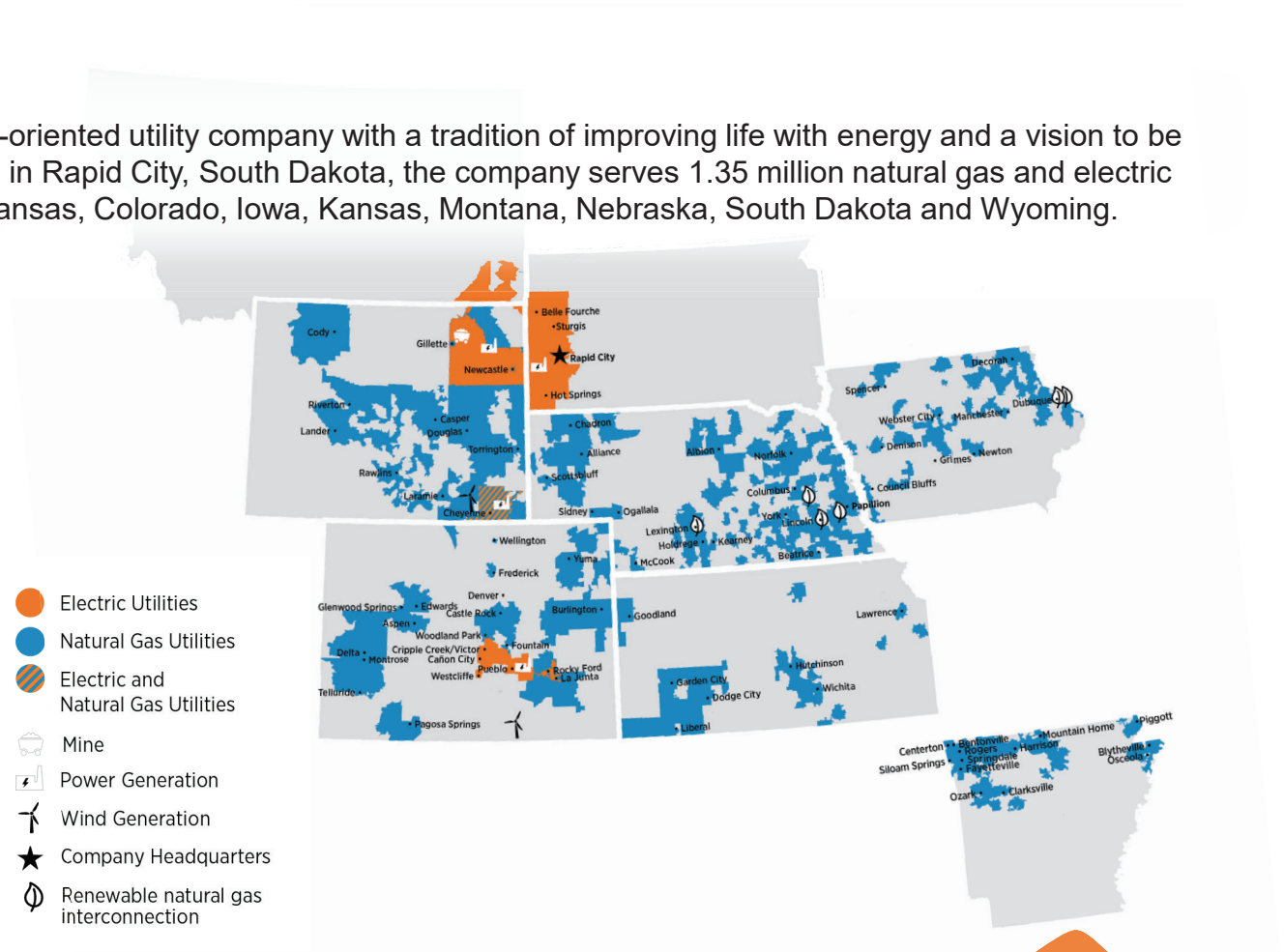
\*Utility supplies electric and gas service to Cheyenne, Wyoming and vicinity and gas service to northeast and northwest Wyoming

### Power Generation

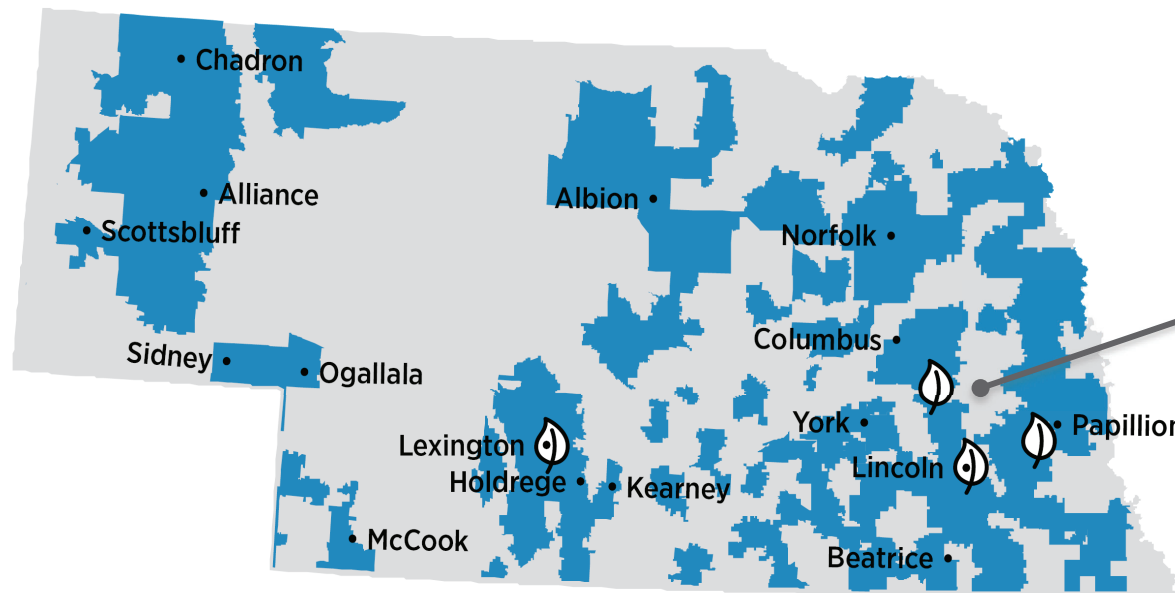
Black Hills Electric  
Generation

### Mining

Wyodak Resources

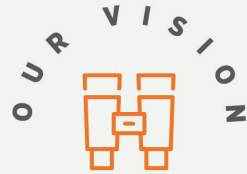


## Black Hills Energy – Nebraska Gas



**Nebraska**  
304,400 customers

● Natural Gas Utilities



To be the Energy Partner of Choice



Improving Life with Energy

## BIG 4 STRATEGIC PRIORITIES





# Annual Price Option ("APO") Status

Jennifer Peters



# Green Forward

Eben Nordahl



# Cybersecurity Update

John Jorgensen/Matt Irwin



# Nebraska PSC NG-101

Quarterly Meeting – Cybersecurity Update (Oct 2025)





# Industry Standard Frameworks

Black Hills Energy (BHE) has developed a comprehensive security program to address the evolving cyber and physical security risks facing companies managing critical infrastructure

- Maintaining “Defense in Depth” strategy using established security framework
  - Center for Internet Security (CIS) Controls; and
  - National Institutes of Standards and Technology (NIST) Framework
- Layers of administrative and technical security controls
- Corporate Investments paying dividends w/Continuous Improvement

# Security Partnerships

## ➤ U.S. Department of Energy (DOE)

- Participant in Cybersecurity Risk Information Sharing Program (CRISP)
  - A voluntary program where we share threat information that could potentially detect and prevent cyber threats directed at Black Hills Energy and other utilities.

## ➤ Cybersecurity and Infrastructure Security Agency (CISA)

- Participant in CyberSentry program (Late 2025)
  - A voluntary program where we share threat information that could potentially detect and prevent cyber threats directed at Black Hills Energy and other utilities.

## ➤ Trade Organizations

- American Gas Association (AGA)
- Edison Electric Institute (EEI)

## ➤ Public/Private Partnerships

- Department of Homeland Security (DHS)
- Federal Bureau of Investigation (FBI)
- Department of Defense (DoD)/National Security Agency (NSA)
- ISAC (Information Sharing Analysis Center)

# TSA Directives Impact – Oct 2025

TSA Directive SD Pipeline-2021-02D: (July 26, 2023)

- Identification of Critical Cyber System (CCS) completed.
- The submitted Cybersecurity Implantation Plan (CIP) is approved.
- TSA Cybersecurity Assessment Plan (CAP) – Approved July 2024.
- CAP completed reviewing 1/3 of TCIP – Approved Aug 2025.
- CIP updated for project delivery dates – Approved Aug 2025.

Future Concerns/Implications:

- Security and Compliance activities will be a significant cost for the foreseeable future.
- Reality that the directive process is influenced by the Administrator.



# Current Investments

- New ICS Environments Gas SCADA – target Q2 2026
- Adding OT Cybersecurity Investments
- Emerging Tech Adoption – Security Trailers and permanent installs for Physical Security mitigations
- Improving capability to conduct internal Penetration Testing and architectural design validations



# Threat Awareness

- Physical Security - Increased threat of physical sabotage or politically motivated attacks assets
- Nation State Threats to Critical Infrastructure
  - China & Taiwan
  - North Korea
  - Iran
  - Russia & Ukraine
  - Cooperation between Nation State sponsored actors and Hactivist groups
- Conflicting Regulatory Environment
  - Federal Agencies not yet harmonized
  - State vs Federal – potential conflicts

1. [Dragos Reports OT/ICS Cyber Threats Escalate Amid Geopolitical Conflicts and Increasing Ransomware Attacks](#)
2. [FBI warns Russian cyber actors targeting US critical infrastructure](#)
3. [Cybersecurity Threats to Our Most Basic Needs](#)