

# Integrated Resource Plan (IRP)

**NBU Board Presentation**



• December 12, 2024

The optimal long-term resource strategy is a diversified portfolio

- Natural gas-fired generation by 2028
- Battery storage by 2030
- Wind generation by 2033
- Solar and additional storage beginning in the mid 2030s
- Bilateral forward energy market purchases

Ownership structure will align with financial strategy and objectives

Scenarios primarily reliant on power purchases result in the highest expected LCOE

Current hedging strategy significantly reduces risk and is an effective component of NBU's overall risk management process

Continue to use energy hedges while transitioning to a more self-reliant generation portfolio

## Issue Request for Proposals:

- For up to 240 MW of natural gas-fired RICE and CT generation by 2028 or as soon as practical
- For up to 100 MW of battery storage by 2030 and up to 30 MW of wind by 2033

Monitor Texas Energy Fund developments for future natural gas-fired generation opportunities

# What's Next?



## RFP for Consulting Services

- Planned release in Q1 of 2025
- Issuing an RFP to retain services to help create and manage the thermal generation RFP

## RFP for Thermal Resources

- Planned release in 2025
- Issuing an RFP to find most economic and reliable option for procuring thermal generation for NBU's portfolio



## RFP for Batteries

- Planned release in 2027
- Issuing an RFP for battery storage

## Board Acceptance of IRP Report

### Mission

Strengthening our community by providing resilient essential services

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### Vision

Be a trusted community partner dedicated to excellence in service

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### Core Values

Safety, Team, Integrity, Culture, and Stewardship