



Williams/Via

**RESOLUTION NO. 6758**

**WHEREAS**, the Board of the Directors has determined it is in the best interest of the District, its employees, and its customer-owners to establish written policies that describe and document OPPD's corporate governance principles and procedures; and

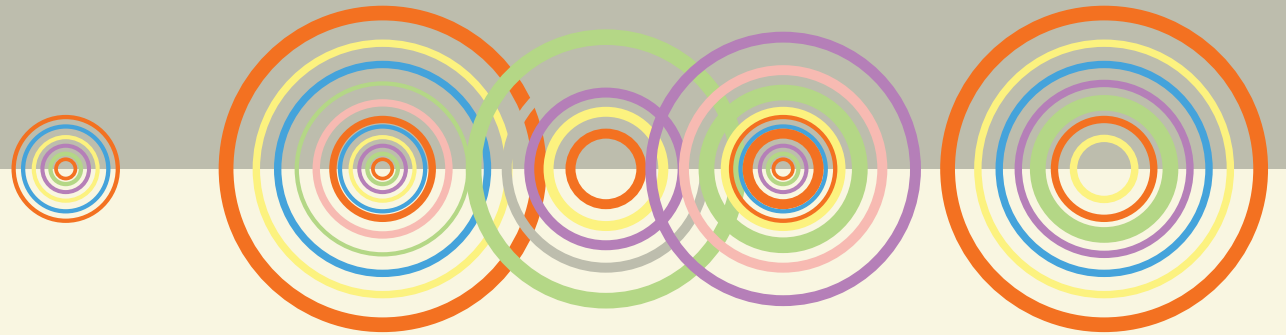
**WHEREAS**, each policy was evaluated and assigned to the appropriate Board Committee for oversight of the monitoring process; and

**WHEREAS**, the Board's System Management and Nuclear Oversight Committee (the "Committee") is responsible for evaluating Board Policy SD-4: Reliability on an annual basis. The Committee has reviewed the SD-4: Reliability Monitoring Report and finds OPPD is taking reasonable and appropriate measures to be sufficiently in compliance with the policy as stated.

**NOW, THEREFORE, BE IT RESOLVED** that the Board of Directors of the Omaha Public Power District hereby accepts the SD-4: Reliability Monitoring Report, in the form as set forth on Exhibit A attached hereto and made a part hereof and finds OPPD is taking reasonable and appropriate measures to comply with the policy as stated.

# SD-4: RELIABILITY MONITORING REPORT

➤ April 2026



System Management & Nuclear Oversight Committee Report  
Troy Via, COO & VP Utility Operations



# SUMMARY SD-4: RELIABILITY

As our communities become more reliant on electric services, reliability must also continue to improve. The generation fleet, transmission system, and distribution system are all elements of OPPD's vertically integrated systems to delivery energy services to our customer-owners. The reliability of each of these system elements contributes to the overall reliability of our service. Therefore, to demonstrate reliable operations of its electric utility system, OPPD shall:

## RESOURCES



Assure all customer energy requirements are met through the use of its generation resources and purchased power portfolio 100 percent of the time; and

All measures will be tracked on a 12-month rolling average basis.

## GENERATION



Maintain OPPD's owned generation fleet Equivalent Forced Outage Rate (EFOR\*) at or below the middle of the second quartile of a benchmark fleet of comparable generation; and

## TRANSMISSION



Operate and maintain the system in accordance with all applicable NERC Reliability Standards; and

## DISTRIBUTION



Maintain the System Average Interruption Duration Index (SAIDI\*) and System Average Interruption Frequency Index (SAIFI\*) to top quartile performance for a benchmark of comparable electrical utilities, excluding Major Event Days;

SD-4

**COMPLIANCE**

# PERFORMANCE SD-4: RELIABILITY

## RESOURCES



OPPD had generation and energy supply available to meet customer demands throughout all of 2025.

## GENERATION



More improvement needed to reduce forced generation outages.

EFOR RESULTS	
2025:	17.5%
Goal:	10.5%
5-Year Av.:	14.6%
Industry Av.:	15.5%

## TRANSMISSION



OPPD has met all regulatory requirements to ensure a reliable transmission system.

## DISTRIBUTION



Customer outage frequency met first quartile target, duration exceeded the goal.

(minutes)	SAIDI	SAIFI
2025:	98	0.73
Goal:	90	0.90
5-Year Av.:	76	0.59
Ind. Av.:	135	1.06

SD-4

COMPLIANCE

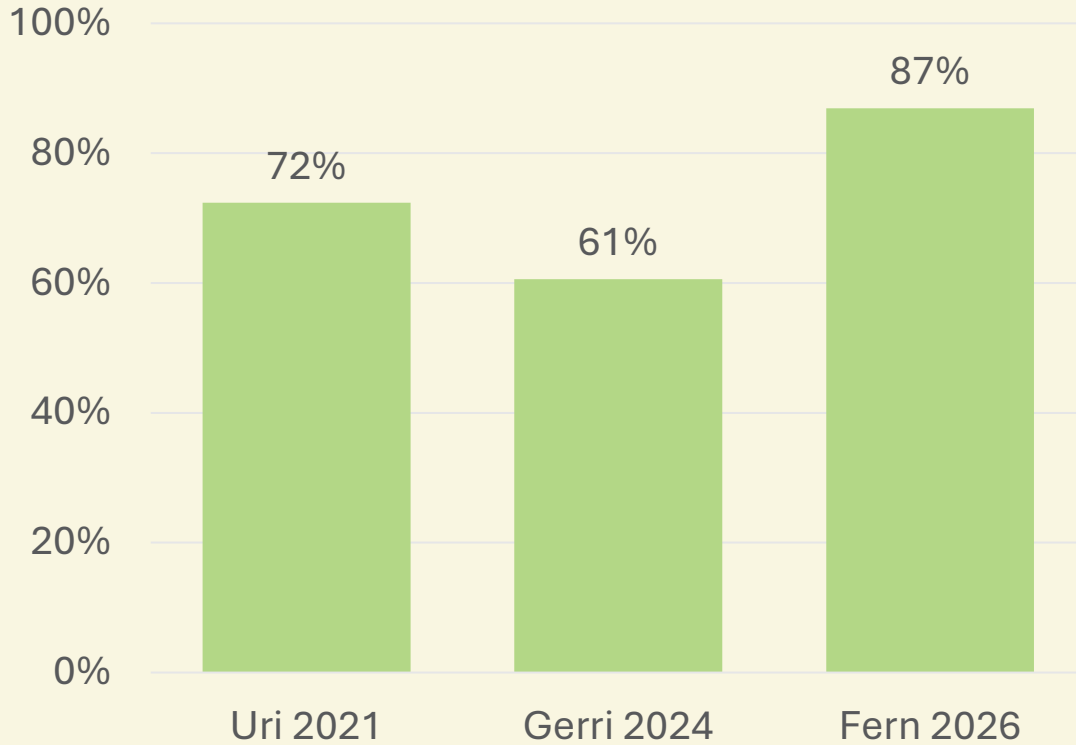


# GENERATION RELIABILITY

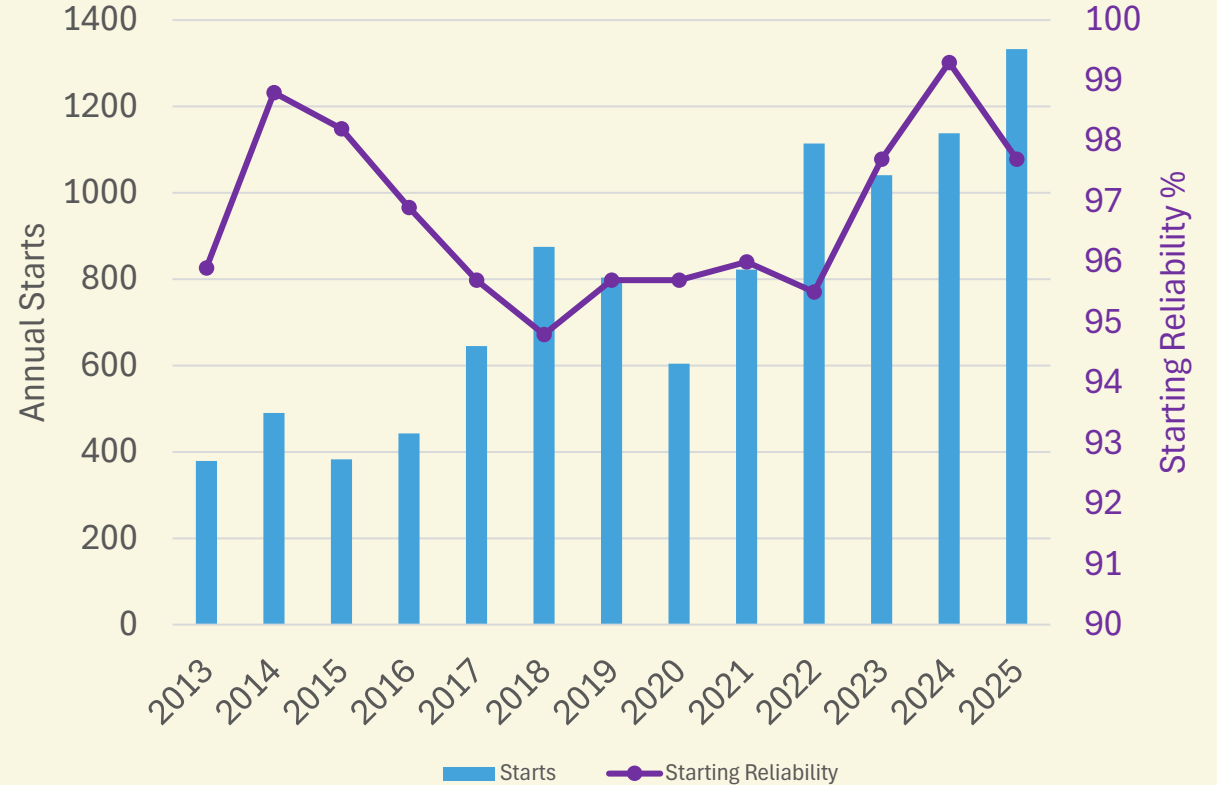
# GENERATION: Improvement Highlights



### Winter Storm Availability



### OPPD Fleet Annual Starts and Starting Reliability

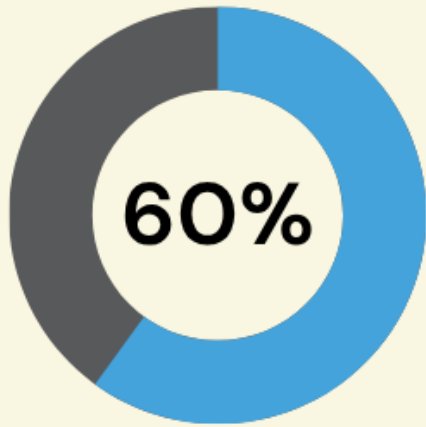


Significant investment and effort in winter performance and starting reliability over the past years have yielded major improvements

# GENERATION

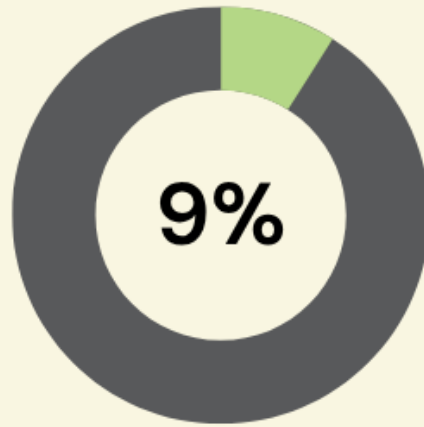
## 5-Year Outage Drivers and Actions

### ASSET MANAGEMENT



The leading cause within the asset management category was component defects that resulted in preventable equipment failures.

### HUMAN PERFORMANCE



Human performance also is a key contributor to generation outages, creating improvement opportunities.

### Asset Management

**Systems and processes to detect and prevent failure or mitigate the consequence**

- Accelerated major equipment replacement
- Predictive maintenance program growth
- Critical Sparing
- EPRI Partnership / Asset Management program
- Dedicated Reliability staff
- Fail Modes Analysis / Maintenance Basis

### Human Performance

**Systems and processes that set employees up for success**

- Procedure development and enhancement
- Alarm Management program
- Advanced operator training program
- Human Factors

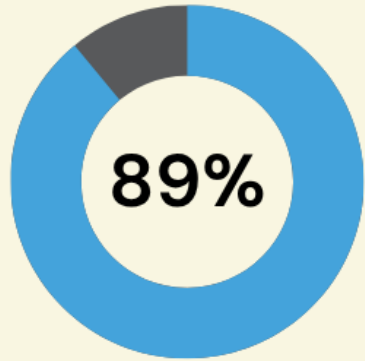


# **DISTRIBUTION RELIABILITY**

# Total Customer Experience

The average OPPD customer experienced 558 minutes without power – if major storms are included.

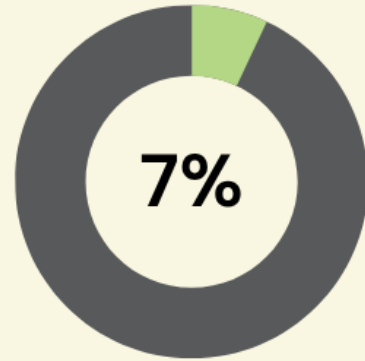
TREES AND WEATHER



54%\*

Customers experienced outages from both record winds and storms across the service territory in 2025.

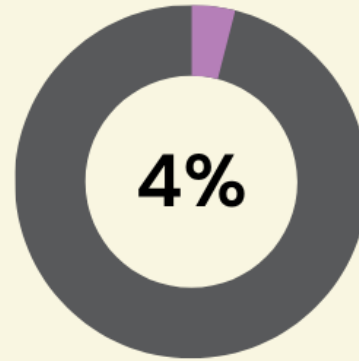
CABLE & EQUIPMENT FAILURE



28%\*

System investments have made an impact for cable and equipment failures. Failures are down by more than 30% over the past five years.

PUBLIC & WILDLIFE



18%\*

Public- and wildlife-caused impacts to the grid make up the remainder of outages.

\*Excludes Major Event Days

Tree and weather impacts together drive the customer experience. OPPD continues to focus on trimming and system resilience actions.



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## RECOMMENDATION:

The System Management & Nuclear Oversight Committee has reviewed and accepted this Monitoring Report for SD-4 and **recommends that the Board finds OPPD is taking reasonable and appropriate measures to comply** with Board Policy SD-4.

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## SD-4 Performance

- Through our own generation, purchased power agreements, and the integrated market, OPPD had energy supply needed to meet demand 100% of the time.
- Continued investment in reliability is needed to reduce forced generation outages.
- The frequency of distribution system outages met the first quartile goal while trees and weather drove the duration over the target in 2025.
- Met applicable NERC transmission reliability standards.





Omaha Public Power District  
BOARD OF DIRECTORS

# Action Item

April 14, 2026

## ITEM

SD-4: Reliability Monitoring Report

## PURPOSE

To ensure full board review, discussion and acceptance of the SD-4: Reliability Monitoring Report.

## FACTS

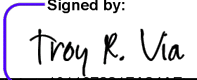
- a. The first set of Board policies was approved by the Board on July 16, 2015. A second set of Board policies was approved by the Board on October 15, 2015. The Board subsequently updated SD-4: Reliability on November 16, 2023.
- b. Each policy was evaluated and assigned to the appropriate Board Committee for oversight of the monitoring process.
- c. The System Management and Nuclear Oversight Committee is responsible for evaluating Board Policy SD-4: Reliability.
- d. The System Management and Nuclear Oversight Committee has reviewed the SD-4: Reliability Monitoring Report and finds that OPPD is taking reasonable and appropriate measures to comply with the policy.

## ACTION

The System Management and Nuclear Oversight Committee recommends Board approval of the SD-4: Reliability Monitoring Report.

RECOMMENDED:

APPROVED FOR BOARD CONSIDERATION:

Signed by:  
  
 Troy R. Via  
 Chief Operating Officer and  
 Vice President – Utility Operations

Signed by:  
  
 L. Javier Fernandez  
 President and Chief Executive Officer

TRV:cjz

Attachments: Exhibit A – Monitoring Report  
Resolution