

SD-4: Reliability Board Policy Refinement Discussion

Troy Via Chief Operating Officer December 19th, 2023

Your Energy Partner®	OMAHA PUBLIC POWER DISTRICT Board Policy	Category:
	Policy No. and Name: SD-4: Reliability	Monitoring Method:
Omaha Public Power District		Frequency:
Date of Approval:	July 16, 2015 October 13, 2016	Resolution

April 21, 2022

Generation and delivery systems must perform at a high level to provide reliable service to customerowners. The Energy Delivery, Energy Production and Marketing, and Nuclear Business Units of OPPD contribute to reliable electric service to customer-owners.

Strategic Direction

and Nuclear

6070 6144

6494

No.:

System Management

Oversight Committee Board Report Annually

Specifically, OPPD shall:

- Assure all customer energy requirements are met through the use of its generation resources and purchase power portfolio 100 percent of the time.
- Achieve generation reliability by:
 - Maintaining steam unit equivalent availability factor at or above 90% on a three-year rolling average; and
 - o Maintaining unit availability above benchmark levels per industry measures such as the NERC* GADS*.
- · Achieve electric system reliability by:
 - Limiting the SAIDI* to 90 minutes. This is the average outage duration per customer per year excluding declared major storms; and
 - Maintaining a reliable transmission and distribution system. This will be achieved through performing the necessary maintenance and upgrades in accordance with NERC standards.



Refinement Process: Strategic Directives

SD-4

BOARD WORK PLAN

Step 1

Committee chair/director requests during regular All Committee to determine if policy refinement will be added to the Board Work Plan.

PRIORITIZATION

Step 2

Board Chair and CEO convene to confirm priority, resource requirements, and start and finish dates; pending discussion, Chair/CEO will inform committee chair.

PRES & CEO

Step 3

Assigns SMT to policy refinement as appropriate; approves initial drafts for committee review and comment.

COMMITTEE

Steps 4-5

Reviews, revises and finalizes refinements to present to Board.

Director Moody Systems Committee

BOARD

Steps 6-8

Provides feedback on draft; concur readiness for public posting; approve final committee recommendation via Board vote.

In-Committee

Added to Work Plan 04 2022 Committee discussion & recommendation development
October 4th - November 14th, 2023

Board review/decision December 19th, 2023

Vote

December 21st, 2023



All Committee Review: November 14th, 2023

Is there anything that requires further clarification?
Is there anything you especially like?
Is there anything that you'd like the Committee to consider before moving this forward for board action?

Your Energy Partner® Omaha Public Power District	OMAHA PUBLIC POWER DISTRICT Board Policy	Category:	Strategic Direction
	Policy No. and Name: SD-4: Reliability	Monitoring Method: Frequency:	System Management and Nuclear Oversight Committee Board Report Annually
Date of Approval:	July 16, 2015 October 13, 2016 April 21, 2022 December 21, 2023	Resolution	6070 6144 6494 6xxx

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Generation and delivery systems must perform at a high level to provide reliable service to customer ewners. The Energy Delivery, Energy Production and Marketing, and Nuclear Business Units of OPPD contribute to reliable electric service to customer owners. As our communities become more reliant on electric services, the reliability of that service 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 service to our customer-owners. The reliability of each of these system elements contributes to the overall reliability of our service.

Specifically Therefore, to demonstrate reliable operations of its electric utility system, OPPD shall:

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

Achieve generation reliability by: Generation

- Maintaining steam unit equivalent availability factor at or above 90% on a three year rolling average; and
- Maintaining unit availability above benchmark levels per industry measures such as the NERC*
 GADS*_Maintain OPPD's owned generation fleet Equivalent Forced Outage Rate (EFOR*) at or
 below the middle of the second quartile a benchmark fleet of comparable generation; and

• Transmission Achieve electric system reliability by

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

Distribution

Limiting the SAIDI* to 90 minutes. This is the average outage duration per customer per year
excluding declared major storms; and Maintain the System Average Interruption Duration Index
(SAIDI*) to top quartile performance for a benchmark of electric utilities, excluding Major Event
Days; and

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Maintaining a reliable transmission and distribution system. This will be achieved through
performing the necessary maintenance and upgrades in accordance with NERC
standards.Maintain the System Average Interruption Frequency Index (SAIFI*) to top quartile
performance for a behncmark of comparable electric utilities, excluding Major Event Days.

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

*Defined in glossary

Exhibit A – Proposed Changes



Next Step

Option 1: Board Resolution and Vote
 OR

Option 2: Additional Committee Deliberation

