



Moody/Via


**RESOLUTION NO. 6620**

**WHEREAS**, since November 2022, the Board's System Management and Nuclear Oversight Committee (the "Committee") requested, and the Board of Directors ("Board") later reviewed, a recommendation to revise Board Policy SD-4: Reliability; and

**WHEREAS**, the proposed revisions were posted on OPPDCommunityConnect.com for public comment between November 14, 2023 and December 17, 2023, and no public comments were received.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the Omaha Public Power District that the proposed revisions of Board Policy SD-4: Reliability are approved, effective December 21, 2023 as set forth in Exhibit A, attached hereto.

# Exhibit A

	<b>OMAHA PUBLIC POWER DISTRICT Board Policy</b>	<b>Category:</b>	Strategic Direction
	<b>Policy No. and Name:</b>  <span style="color: orange;">SD-4: Reliability</span>	<b>Monitoring Method:</b>	System Management and Nuclear Oversight Committee Board Report
		<b>Frequency:</b>	Annually
<b>Date of Approval:</b>	July 16, 2015 October 13, 2016 April 21, 2022 December 21, 2023	<b>Resolution No.:</b>	6070 6144 6494 6620

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 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:

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

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

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

\*Defined in glossary

***\*Add to glossary***

*EFOR- Equivalent Forced Outage Rate - This is the percentage of bulk electric system generation that is not available when expected in a year due to unplanned reliability disruptions. Metric will be reported on a 12-month rolling average fleet-weighted basis.*


*Major Event Day (MED) – A day where major abnormal events, typically weather related, adversely impact electric system reliability as defined by IEEE standards.*

*SAIDI – System Average Interruption Duration Index. This is the total duration of all sustained outages experienced on average by all customers across the system. Metric will be reported on a 12-month rolling average basis and will exclude Major Event Days.*

*SAIFI – System Average Interruption Frequency Index. This is the number of sustained outages experienced on average by all customers across the system. Metric will be reported on a 12-month rolling average basis and will exclude Major Event Days.*

# **SD-4: Reliability Board Policy Refinement Discussion**

Troy Via  
Chief Operating Officer  
December 19<sup>th</sup>, 2023

	<b>OMAHA PUBLIC POWER DISTRICT Board Policy</b>	<b>Category:</b>	Strategic Direction
	<b>Policy No. and Name:</b>  <b>SD-4: Reliability</b>	<b>Monitoring Method:</b>	System Management and Nuclear Oversight Committee Board Report
		<b>Frequency:</b>	Annually
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<b>Date of Approval:</b>	July 16, 2015 October 13, 2016 April 21, 2022		

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

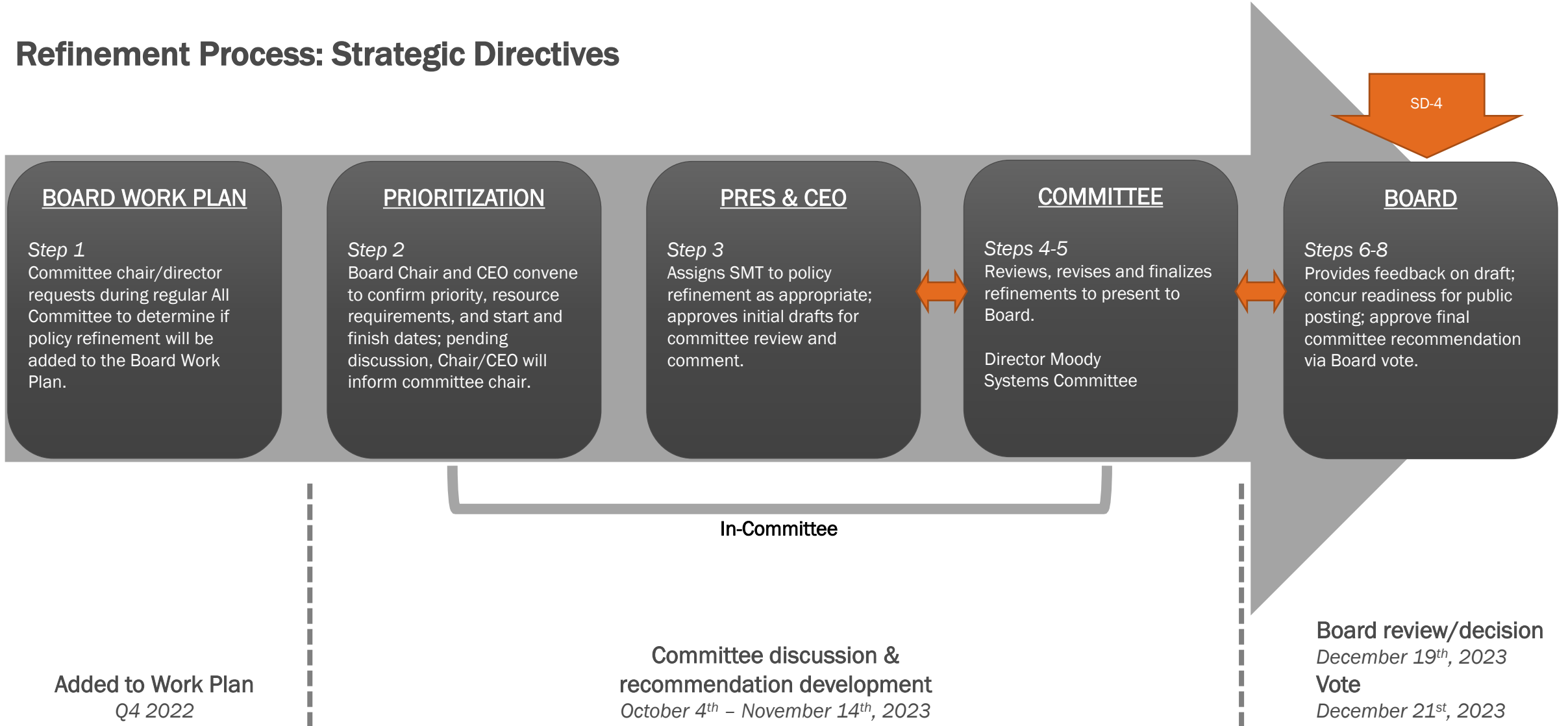
Specifically, OPPD shall:

- 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
  - 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.

“Governance exists in order to translate the wishes of an organization’s owners into organizational performance.”  
- John Carver



## Refinement Process: Strategic Directives




# All Committee Review: November 14<sup>th</sup>, 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?

	<b>OMAHA PUBLIC POWER DISTRICT Board Policy</b>	<b>Category:</b> Strategic Direction
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		<b>Frequency:</b> Annually
<b>Date of Approval:</b> July 16, 2015 October 13, 2016 April 21, 2022 <b>December 21, 2023</b>		<b>Resolution No.:</b> 6070 6144 6494 <b>6xxx</b>

**d**  
 Generation and delivery systems must perform at a high level to provide reliable service to customer owners. 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 deliver 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 benchmark 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





# Board Action

December 19, 2023

## ITEM

SD-4: Reliability

## PURPOSE

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

## FACTS

- a. The Systems Management and Nuclear Oversight Committee is responsible for evaluating and monitoring Board Policy SD-4: Reliability.
- b. The Systems Management and Nuclear Oversight Committee proposed revisions for Board consideration and public feedback on November 14, 2023. Public comments were accepted on OPPDCCommunityConnect.com from November 14, 2023, through December 17, 2023. No comments were received.
- c. The Systems Management and Nuclear Oversight Committee is recommending to the Board that Board Policy SD-4: Reliability be revised as outlined in Exhibit A.

## ACTION

Board of Directors approval of SD-4: Reliability policy, as outlined in Exhibit A.

### RECOMMENDED:

### APPROVED FOR BOARD CONSIDERATION:

DocuSigned by:

*Troy Via*

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Troy R. Via  
Chief Operating Officer and  
Vice President, Utility Operations

DocuSigned by:

*L. Javier Fernandez*

AC399FDCE56247E...

L. Javier Fernandez  
President and Chief Executive Officer

TRV:cjz

Attachments: Exhibit A – SD-4: Reliability Policy Revision  
Exhibit B – Presentation  
Resolution