



# Board Action

August 16, 2022

## ITEM

Revisions to SD-9: Resource Planning

## PURPOSE

To ensure full board review, discussion and acceptance of SD-9: Resource Planning policy revisions.

## FACTS

- a. The System Management and Nuclear Oversight Committee is responsible for evaluating and monitoring Board Policy SD-9: Resource Planning.
- b. The System Management and Nuclear Oversight Committee proposed revisions for Board consideration and public feedback on June 16, 2022. Public comments were accepted on OPPDCCommunityConnect.com from July 28 to August 14, 2022.
- c. The System Management and Nuclear Oversight Committee is recommending to the Board that Board Policy SD-9: Resource Planning be renamed to SD-9: Integrated System Planning and be revised as outlined on Exhibit A.

## ACTION

Board of Directors approval of the SD-9: Integrated System Planning policy, as outlined on Exhibit A.

RECOMMENDED:

APPROVED FOR BOARD  
CONSIDERATION:


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Brad Underwood  
Vice President – Systems Transformation

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

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Attachments: Exhibit A – Proposed SD-9: Integrated System Planning Policy  
Exhibit B – Presentation  
Resolution

**Exhibit A - Proposed SD-9: Integrated System Planning Policy**

	<b>OMAHA PUBLIC POWER DISTRICT Board Policy</b>	<b>Category:</b>	Strategic Direction
	<b>Policy No. and Name:</b>  <b>SD-9: Integrated System Planning</b>	<b>Monitoring Method:</b>	System Management and Nuclear Oversight Committee
		<b>Frequency:</b>	Annually
		<b>Resolution No.:</b>	6082 6494 XXXX
<b>Date of Approval:</b>	October 15, 2015 April 21, 2022 August XX, 2022		

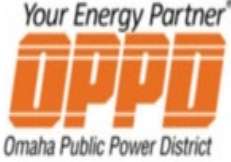
Integrated System Planning is the ecosystem of planning processes used to efficiently integrate the transmission system, supply and demand side resources, and the increasingly complex distribution system. Through Integrated System Planning efforts, OPPD will continually plan for, adapt to, and enable both the needs of our customers and the rapidly transforming electric industry. Successful planning will ensure both a reliable electric system and the resiliency of the system and its components to prepare for, withstand, respond to, adapt to and quickly recover from a non-routine event.

OPPD shall:

- Ensure that year-round supply-side and demand-side resource capacity exceeds forecasted load in compliance with resource adequacy and planning reserve margin requirements of OPPD’s regional balancing authority.
- Ensure compliance with applicable planning related North American Electric Reliability Corporation Reliability Standards including consideration of Essential Reliability Services.
- Ensure planning accounts for potential extreme weather events, changes to demand-side and supply-side regional resources and extended periods of low energy production by variable energy resources.
- Compute resource adequacy metrics that quantify the ability of OPPD’s resources to meet its forecasted electric demand:
  - Measure the frequency with which a system’s demand is expected to be met by system capacity over a period of time.
  - Measure the percentage of total energy that a system is projected to be able to serve over a period of time.

# **SD-9: Resource Planning Board Policy Refinement Discussion**

Brad Underwood  
Vice President – Systems Transformation  
August 16, 2022

	<b>OMAHA PUBLIC POWER DISTRICT Board Policy</b>	<b>Category:</b>	Strategic Direction
	<b>Policy No. and Name:</b>  <b>SD-9: Resource Planning</b>	<b>Monitoring Method:</b>	System Management and Nuclear Oversight Committee
		<b>Frequency:</b>	Annually
<b>Date of Approval:</b>	October 15, 2015 April 21, 2022	<b>Resolution No.:</b>	6082 6494

The Board of Directors recognizes that the District will have to adapt to the rapidly changing electric utility business environment. The OPPD resource planning process will provide the resources and analytical capability to adequately assess OPPD's Integrated Resource Portfolio (or Supply and Demand Portfolio) to ensure reliable, competitive, cost-effective and environmentally sensitive service for our customers.

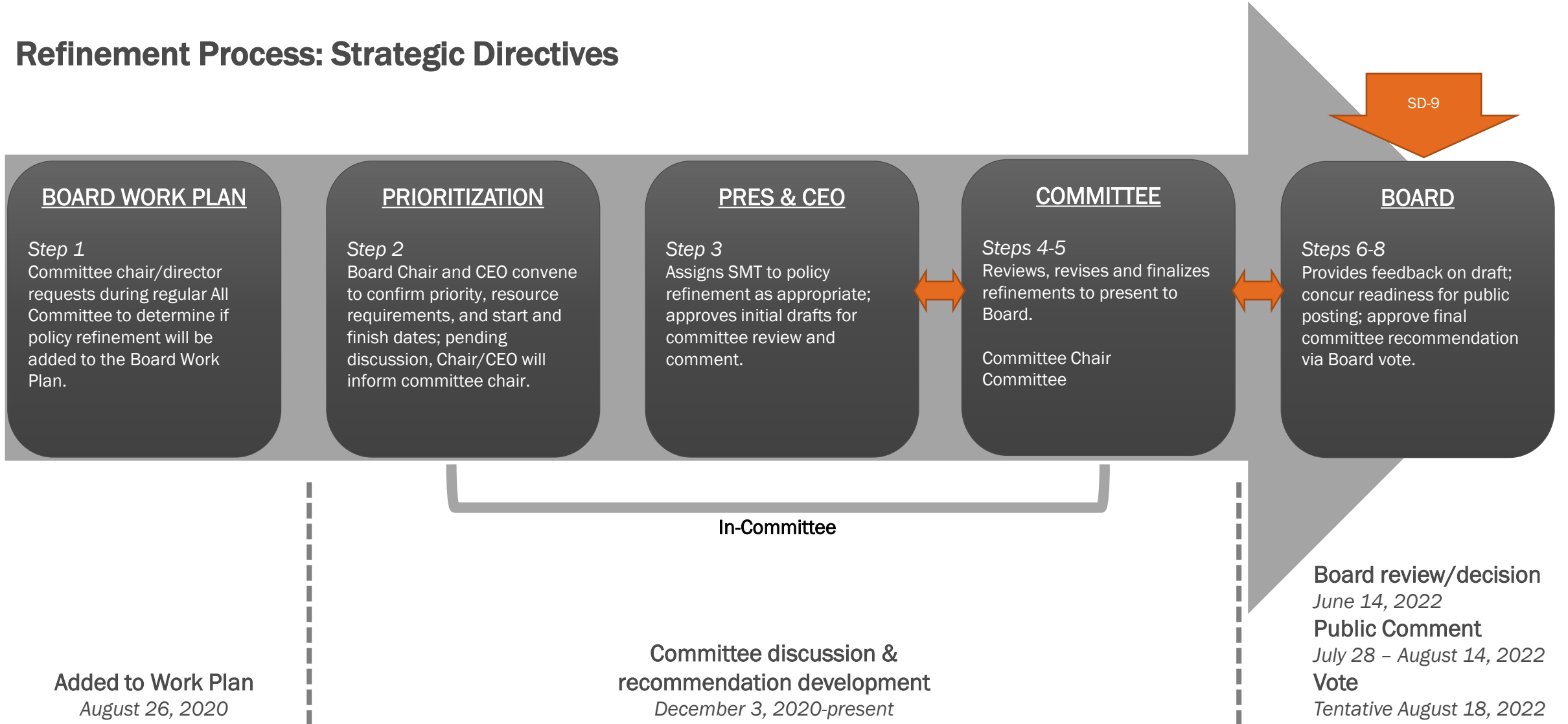
To attain this goal, OPPD shall:

- Periodically assess, for strategic and integrated resource plans, OPPD's mix of generation assets, demand-side management programs, purchased power agreements and renewable energy resources.
- Utilize multiple scenarios to properly evaluate the range of risks posed by varying future assumptions such as, but not limited to fuel costs, economic growth, regulations and emerging technologies.
- Ensure all integrated resource strategic plans support and align with OPPD's strategic direction policies.

“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: June 14, 2022

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 public review and comment?

	<b>OMAHA PUBLIC POWER DISTRICT Board Policy</b>	<b>Category:</b> Strategic Direction
	<b>Policy No. and Name:</b> <b>SD-9: Resource Integrated System Planning</b>	<b>Monitoring Method:</b> System Management and Nuclear Oversight Committee <b>Frequency:</b> Annually
<b>Date of Approval:</b> October 15, 2015 April 21, 2022 August XX, 2022	<b>Resolution No.:</b> 6082 6494 XXXX	
<p>The Board of Directors recognizes that the District will have to adapt to the rapidly changing electric utility business environment. The OPPD resource planning process will provide the resources and analytical capability to adequately assess OPPD's Integrated Resource Portfolio (or Supply and Demand Portfolio) to ensure reliable, competitive, cost-effective and environmentally sensitive service for our customers.</p> <p>To attain this goal, OPPD shall:</p> <ul style="list-style-type: none"> <li>Periodically assess, for strategic and integrated resource plans, OPPD's mix of generation assets, demand side management programs, purchased power agreements and renewable energy resources.</li> <li>Utilize multiple scenarios to properly evaluate the range of risks posed by varying future assumptions such as, but not limited to fuel costs, economic growth, regulations and emerging technologies.</li> <li>Ensure all integrated resource strategic plans support and align with OPPD's strategic direction policies.</li> </ul> <p>Integrated System Planning is the ecosystem of planning processes used to efficiently integrate the transmission system, supply and demand side resources, and the increasingly complex distribution system. Through Integrated System Planning efforts, OPPD will continually plan for, adapt to, and enable both the needs of our customers as well as the rapidly transforming electric industry. Successful integration will ensure both a reliable electric system as well as the resiliency of the system and its components to prepare, withstand, respond, adapt and quickly recover following a non-routine event.</p> <p>OPPD shall:</p> <ul style="list-style-type: none"> <li>Ensure that year-round supply-side and demand-side resource capacity exceeds forecasted load in compliance with resource adequacy and planning reserve margin requirements of the regional balancing authority.</li> <li>Ensure compliance with applicable planning related North American Electric Reliability Corporation Reliability Standards including consideration of Essential Reliability Services.</li> </ul>		

- Ensure planning accounts for potential extreme weather events, changes to demand and supply side regional resources as well as extended periods of low energy production by variable energy resources.
- Compute resource adequacy metrics that quantify the ability of OPPD's resources to meet its forecasted electric demand:
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  - Measure the percentage of total energy that a system is projected to be able to serve over a period of time.
- Consider opportunities for supporting energy adequacy through resource design, fuel supply, and other infrastructure investments.

DRAFT


# Feedback & Outreach – July 28 to August 14, 2022

## Board Feedback

- Alterations were made post All Committee Review on June 14, 2022 and prior to outreach
  - Linguistic alterations made to enhance clarity and flow
  - Modest content removal

## Outreach Effort

- Proactive outreach for awareness
  - Multiple channels were used to create awareness and collect feedback
- Posted on OPPD Community Connect July 28<sup>th</sup>
  - 3 public comments received

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	<b>SD-9: Integrated System Planning</b>		<b>Frequency:</b>	Annually
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~~Consider opportunities for supporting energy adequacy through resource design, fuel supply, and other infrastructure investments.~~

# Next Step

- Option 1: Board Resolution & Vote

OR

- Option 2: Additional Committee Deliberation





Williams/Underwood

**DRAFT**  
**RESOLUTION NO. 65xx**

**WHEREAS**, in June 2022, the System Management and Nuclear Oversight Committee (the "Committee") proposed, and the Board of Directors reviewed, a recommendation to revise Board Policy SD-9: Resource Planning; and

**WHEREAS**, the proposed revisions were posted on OPPDCommunityConnect.com for public comment between July 28, 2022 and August 14, 2022, and the Board reviewed the public comments that were received.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the Omaha Public Power District that the revised Board Policy SD-9: Resource Planning be and hereby is renamed SD-9: Integrated System Planning and the proposed revisions are approved, effective August 18, 2022, as set forth on the Exhibit A, attached hereto.