

SD-7: Environmental Stewardship Revisions Discussion

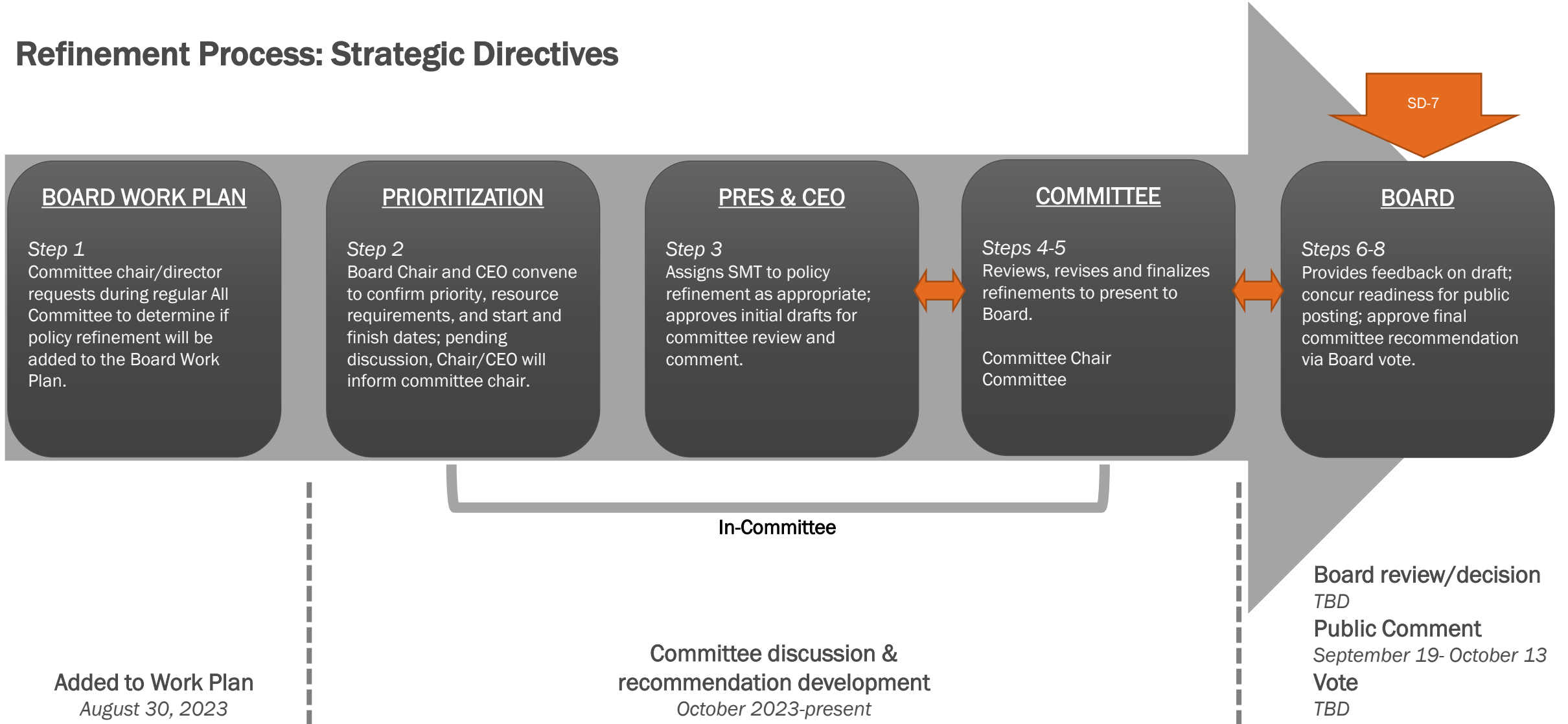
Cliff Fleener, VP Sustainability and Environmental Affairs



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




Refinement Process: Strategic Directives



All Committees Discussion: October 15, 2024

Public Comment Period: September 19 – October 13

	OMAHA PUBLIC POWER DISTRICT Board Policy	Category: Strategic Direction
	Policy No. and Name: SD-7: Environmental Stewardship	Monitoring Method: System Management and Nuclear Oversight Committee Board Report Frequency: Annually
Date of Approval: October 15, 2015 November 15, 2018 November 14, 2019 May 20, 2021 September 22, 2022 [insert approval date]	Resolution No.: 6082 6289 6347 6434 6525 [insert resolution #]	

Managing its interactions with the environment is essential to OPPD's ability to serve customers, create value for stakeholders, and contribute to the well-being of the communities it serves and its employees. The OPPD Board of Directors recognizes the scientific consensus that climate change is occurring and that greenhouse gas emissions, including carbon dioxide, from human activity contribute to climate change impacts. The board also understands that climate change is a significant issue that requires pragmatic solutions recognizing technology advancement, energy supply sufficiency, and climate resilience as co-equally important to carbon emissions reductions.


Therefore, OPPD shall:

- ~~• Operate in an environmentally responsible manner and strive to improve the continuous improvement/efficient use of its environmental performance.~~
- ~~• Conduct all of its raw materials, energy, and water to reduce emissions, discharges and wastes in our operations (including operations such as building and provision of our services).~~
- ~~• By year end 2027, achieve an approximate 3,500,000 ton annual reduction (and transportation) in a manner that strives for CO₂e* emissions at the goal North Omaha Station site relative to OPPD's 2013 benchmark of 3,960,179 tons at the station.~~
- ~~• Strive to achieve net zero carbon production equivalent (CO₂e) emissions by 2050 relative to OPPD's 2013 benchmark with the following interim targets:

 - ~~o 2027 (41-51% net reduction)~~
 - ~~o future interim metrics to be informed by and determined following the completion of the 2026 Integrated Resource Plan~~~~
- ~~• Harden our critical infrastructure to be resilient to the effects of climate change.~~
- ~~• Strive for an "early majority" posture when considering technology advancements when system planning.~~
- ~~• Collect data on our environmental performance and communicate progress periodically (at least annually) to the board and community.~~
- ~~• Recognize the importance of the principle of Environmental Justice** in District decision making and strive toward the just treatment and meaningful involvement of all people, regardless of income, race, color, national origin, Tribal affiliation, or disability in District decisions that may impact human health and the environment.~~

*CO₂e includes CO₂, CH₄, N₂O, and SF₆ greenhouse gas emissions

**The EPA defines Environmental Justice as the fair treatment and meaningful involvement of all people, regardless of race, color, national origin, or income, with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.

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Managing its interactions with the environment is essential to OPPD's ability to serve customers, create value for stakeholders, and contribute to the well-being of the communities it serves and its employees. The OPPD Board of Directors recognizes the scientific consensus that climate change is occurring and that greenhouse gas emissions, including carbon dioxide, from human activity contribute to climate change impacts. The board also understands that climate change is a significant issue that requires pragmatic solutions recognizing technology advancement, energy supply sufficiency, and climate resilience as co-equally important to carbon emissions reductions.

Therefore, OPPD shall:

- Strive to improve the efficient use of raw materials, energy, and water to reduce emissions, discharges and wastes in our operations and provision of our services.
- By year end 2027, achieve an approximate 3,500,000 ton annual reduction in CO₂e* emissions at the North Omaha Station site relative to OPPD's 2013 benchmark of 3,960,179 tons at the station.
- Strive to achieve net zero carbon equivalent (CO₂e) emissions by 2050 relative to OPPD's 2013 benchmark with the following interim targets:
 - o 2027 (41-51% net reduction)
 - o future interim metrics to be informed by and determined following the completion of the 2026 Integrated Resource Plan
- Harden our critical infrastructure to be resilient to the effects of climate change.
- Strive for an "early majority" posture when considering technology advancements when system planning.
- Collect data on our environmental performance and communicate progress periodically (at least annually) to the board and community.
- Recognize the importance of the principle of Environmental Justice** in District decision making and strive toward the just treatment and meaningful involvement of all people, regardless of income, race, color, national origin, Tribal affiliation, or disability in District decisions that may impact human health and the environment.
 - Conduct its business in a manner that meets all environmental regulatory standards, and go beyond compliance where practical.

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Feedback & Outreach – September 19 to October 13, 2024

Board Feedback

- Added Environmental Justice Component
- Added “Early Majority” Component
- Future interim metrics to be informed by and determined by 2026 Integrated Resource Plan

Outreach Effort

Posted on OPPD Community Connect September 19th

- 18 comments on Community Connect.
- 42 emails sent via board contact page.



All Committees Discussion: October 15, 2024

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?

SD-7: Environmental Stewardship

Managing its interactions with the environment is essential to OPPD's ability to enhance the well-being of its customer owners, employees, and communities. The OPPD board recognizes the scientific consensus that climate change is occurring and that greenhouse gas emissions, including carbon dioxide, from human activity contribute to climate change impacts. *We also understand that climate change is a significant issue that requires pragmatic solutions recognizing technology advancement, energy supply sufficiency and climate adaptation as co-equally important to carbon emission reductions.*

Therefore, OPPD shall:

- By year end of 2027, achieve an approximate 3,500,000 ton annual reduction in CO₂e* emissions at the North Omaha Station site relative to OPPD's 2013 benchmark of 3,960,179 tons at the station.
- *Strive to improve the efficient use of raw materials, energy, and water to reduce emissions, discharges and wastes in our operation and provision of our services.*
- *Strive to achieve net zero carbon equivalent (CO₂e) emissions by 2050 relative to OPPD's 2013 benchmark with the following interim targets:*
 - *2027 (41-51% net reduction)*
 - *Future interim metrics to be informed by and determined following the completion of the 2026 Integrated Resource Plan*
- *Harden our critical infrastructure in order to adapt to the effects of climate change.*
- *Strive for an "early majority" posture when considering technology advancements when system planning.*
- *Collect data on our environmental performance and communicate progress periodically (at least annually) to the board and community.*
- *Recognize the importance of the principle of Environmental Justice** in District decision making and strive toward the just treatment and meaningful involvement of all people, regardless of income, race, color, national origin, Tribal affiliation, or disability in impactful District decisions that may impact human health and the environment.*
- Conduct its business in a manner that meets all environmental regulatory standards, and go beyond compliance where practical.

**CO₂e includes CO₂, CH₄, N₂O, and SF₆ greenhouse gas emissions*

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Next Step

- Option 1: Board Resolution and Vote

OR

- Option 2: Additional Committee Deliberation