RESOLUTION NO. 6533

WHEREAS, the Board of 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-7: Environmental Stewardship on an annual basis. The Committee has reviewed the SD-7: Environmental Stewardship Monitoring Report and finds OPPD to be sufficiently in compliance with the policy as stated.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Omaha Public Power District accepts the SD-7: Environmental Stewardship Monitoring Report, in the form as set forth on Exhibit A attached hereto and made a part hereof, and finds OPPD to be sufficiently in compliance with the policy as stated.
Monitoring Report
SD-7 Environmental Stewardship
OPPD Board of Directors – All Committees Meeting
October 18, 2022

Jeremy Bowers, Director – Environmental & Regulatory Affairs
SD-7: Where We’ve Been

Resolution 6082, October 15, 2015
First issuance as part of Board Policies

Resolution 6289, November 15, 2018
• Long term goal: 20% reduction in carbon intensity from 2010 through 2030.
• Strive towards long-term goal of 50% of retail energy sales supplied from renewable energy sources.

Resolution 6347, November 14, 2019
Major revisions. Revised to form and language of current SD7. Replaced goals of 6289 with net-zero carbon goal.

Resolution 6434, May 20, 2021
Recognizes the scientific consensus on climate change and the contribution of human activity.

Resolution 6525, September 22, 2022
Added interim CO2 reduction metric to recognize North Omaha transition.
SD-7: Therefore, OPPD Shall:

Operate in an environmentally responsible manner and strive for continuous improvement of its environmental performance.

Conduct all operations in a manner that strives for the goal of net zero carbon production by 2050.

Conduct its business in a manner that meets all environmental regulatory standards and go beyond compliance where practical.

Be transparent by measuring and reporting environmental performance on OPPD’s website.

Engage customers and stakeholders to promote energy conservation and efficiency and minimize environmental impact.

Advocate and educate local, state, and federal governments to protect and promote OPPD’s environmental impact.
Environmental Responsibility and Performance:
OPPD Renewables Over Time

Operate in an environmentally responsible manner and strive for continuous improvement of its environmental performance.
Environmental Responsibility and Performance: OPPD’s Fleet

• In total, 295+ total vehicles that are all electric, hybrid, or flex fuel (~45% of fleet)
  – Passenger car fleet is now 100% hybrid or fully electrified
  – 20 hybrid SUVs with 11 more on order.
  – First hybrid pickup in service (F-150).
  – 6 plug-in hybrid bucket trucks with 3 more on order.

• Equipment fleet now includes:
  – 41 all electric forklifts, yard carts, and man-lifts

• SmartFleet Technology installed on 900+ units.

Operate in an environmentally responsible manner and strive for continuous improvement of its environmental performance.
Environmental Responsibility and Performance: 2021 Category Recycling

OPPD focuses on finding avenues for recycling:

- **Batteries** – 2,162 lbs.
- **Metal** – 3,365,606 lbs.
- **Oil** – 89,960 gallons
- **Utility Poles** – 500+ poles
- **Recycling materials** returned over $1.3M back to OPPD.
- ~18% of fly ash recycled
- Recycled 2.5 times more oil in 2021 vs. 2020.

Operate in an environmentally responsible manner and strive for continuous improvement of its environmental performance.
Net Zero Carbon Production Goal by 2050: Pathways to Decarbonization

- The Initiative Phase of our Pathways to Decarbonization strategy was formally completed in May 2022.
- This foundational project informs our strategy and the work continues.

Conduct all operations in a manner that strives for the goal of net zero carbon production by 2050.
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Total Portfolio ~185 MW of DSM.

- Smart Thermostat Program
- Cool Smart
- Business Interruptible
- LED Light Upgrade*
- Business Custom Rebates
- Business Prescriptive Rebates
- Certified High-Performance Homes
- HVAC Smart
- Smart Thermostat Program

*LED Light Upgrade managed by CS&GI
Meet & Exceed Environmental Regulatory Standards:

**Environmental Compliance**

**Standard Compliance**
- No violations of environmental permits resulting in fines or enforcement actions.

**Beyond Compliance**
- Low Emitter Status for Particulate Matter.
- Sustainability program benchmarking.
- Robust internal audit program.
- PCB Sampling project.
- Prairie in Progress.
- Avian Protection.

Conduct business in a manner that meets all environmental regulatory standards and go beyond compliance where practical.
Meet & Exceed Environmental Regulatory Standards:
Wildlife and Natural Resources

Conduct business in a manner that meets all environmental regulatory standards and go beyond compliance where practical.
Be transparent by measuring and reporting environmental performance on OPPD’s website.
Greener Together Program

- Program connects community members and supports green initiatives
- Members choose their monthly contribution amount and have the opportunity to vote on and track the progress community projects
- Local organizations submit projects to be considered for funding
- First project completed in July in collaboration with Bellevue University and the NE Statewide Arboretum – an edible orchid and pollinator plot

Engage customers and stakeholders to promote energy conservation and efficiency and minimize environmental impact.
Customer & Stakeholder Engagement: Growth in Customer-Owned Generation (100 kW or Less)

Customer-Owned Generation continues to grow, recently receiving our 1500th application!

- 180% Year over year increase in applications
- 736 solar systems now online
- (686 Residential / 50 Commercial)
- 5,255 kW AC solar capacity

Engage customers and stakeholders to promote energy conservation and efficiency and minimize environmental impact.
Customer & Stakeholder Engagement: Energy Education Program’s Success

The EEP is a STEM-based education program combining energy workshops for teachers and hands-on activities and lessons taught by OPPD’s Energy Advisor about renewable energy and more!

Engage customers and stakeholders to promote energy conservation and efficiency and minimize environmental impact.
Educate, Protect & Promote Education Initiatives

- Engaged 13 counties with specific focus on solar.
- Power with Purpose, PF2050, and capacity vs. load challenges.
- Extensive outreach/education on NOS extension to public officials, community leaders, and public.

Advocate and educate local, state, and federal governments to protect and promote OPPD’s environmental impact.
Recommendation

The System Management Committee has reviewed and accepted this Monitoring Report for SD-7 and recommends that the Board find OPPD to be sufficiently in compliance with Board Policy SD-7.
Any additional reflections on what has been accomplished ... or challenges or gaps
Board Action

BOARD OF DIRECTORS

October 18, 2022

ITEM

SD-7: Environmental Stewardship Monitoring Report

PURPOSE

To ensure full Board review, discussion and acceptance of SD-7: Environmental Stewardship 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.

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-7: Environmental Stewardship.

d. The System Management and Nuclear Oversight Committee has reviewed the SD-7: Environmental Stewardship Monitoring Report as outlined on Exhibit A, and is recommending that OPPD be found to be sufficiently in compliance with the policy as stated.

ACTION

The System Management and Nuclear Oversight Committee recommends Board approval of the SD-7: Environmental Stewardship Monitoring Report.

RECOMMENDED:  

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

APPROVED FOR BOARD CONSIDERATION:

L. Javier Fernandez  
President and Chief Executive Officer

Attachments: Exhibit A – Monitoring Report Resolution