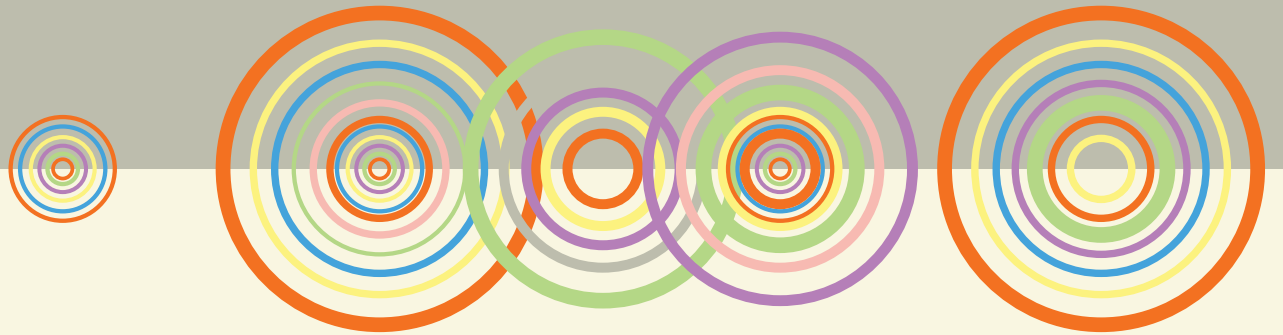


# MONITORING REPORT SD-7: ENVIRONMENTAL STEWARDSHIP

➤ 10.14.25 ➤



Cliff Fleener  
VP of Sustainability and Environmental Affairs



# SD-7: ENVIRONMENTAL STEWARDSHIP



## Strategic Directive

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.

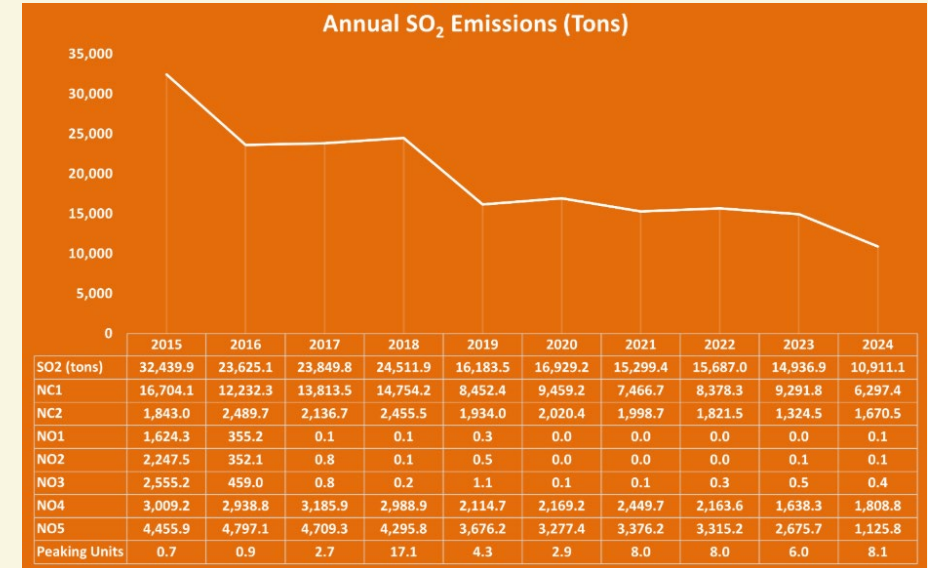
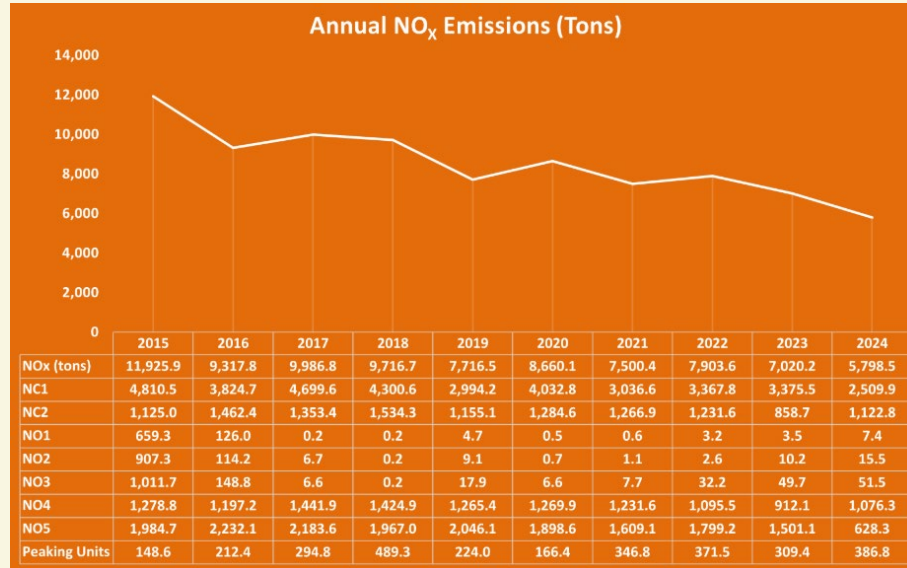
- ❑ **Strive to improve the efficient use of raw materials, energy, and water to reduce emissions, discharges and wastes in our operations and provision of our services.**
- ❑ **By year end 2027, achieve an approximate 3,500,000 ton annual reduction in CO<sub>2</sub>e emissions at the North Omaha Station site relative to OPPD's 2013 benchmark of 3,960,179 tons at the station.**
- ❑ **Strive to achieve net zero carbon equivalent (CO<sub>2</sub>e) 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 determine 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.**

**Collect data on our environmental performance and communicate progress periodically (at least annually) to the board and community.**

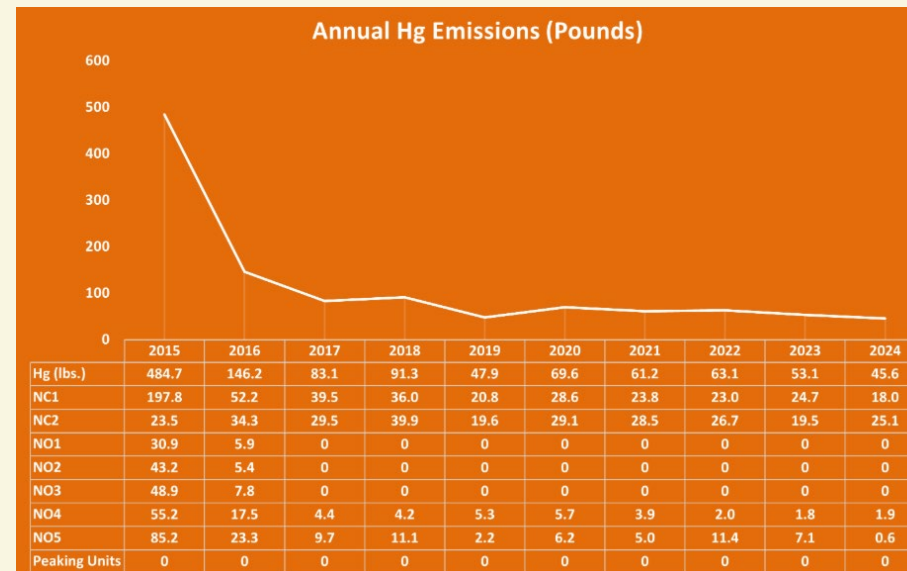
- OPPD must meet a variety of environmental regulatory requirements, including those of the USEPA, NDEE, USFW, NGP, and the City of Omaha.
- 22 Regulatory Visits and 6 Internal Audits.
- No violation of environmental permits resulting in fines or enforcement actions.



**Collect data on our environmental performance and communicate progress periodically (at least annually) to the board and community.**



**51.4%  
Reduction**



**66.4%  
Reduction**

**90.6%  
Reduction**

**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.**

**OPPD has surpassed 40% Waste Diversion Goal by 8% with a total of 1,999 Metric Tons diverted from landfill.**

Sustainability Initiative	Launched	On Deck	Progress
Recycling Initiative	✓		Readjusting goal to be 75% Diversion Goal by 2030.
Water Standard	✓		Gathering data to begin efficiency upgrades.
Printing Paper Standard	✓		All marketing paper for OPPD is FSC certified.
LED Lighting Standard	✓		Surveys completed at all facilities to determine LED upgrades.
Green Grounds Keeping Standard		✓	Gathering data on OPPD owned acres.
Vehicle Fleet Standard		✓	Initial analysis completed, finalizing standard.
Building Envelope Upgrades		✓	Initial survey at NOS and NCS completed.

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.

## Omaha Center Green Team Wins First Ever OPPD Sustainability Award.

~\$81,000 in Cost Savings

Reduced Over 5,000 lbs of CO<sub>2</sub>e

Over 400 5 Gal. PET jugs avoided from landfill



Omaha Green Team (Left to Right): Brandon Parmer, Kyle Hansen, Steve Jensen, Aaron Linder, Bob McLaws, David Jorgensen (North Omaha Green Team), Jacob Flammang, Rickey Baxter.

Not pictured: Stephen Osler, Matthew Liston, Jacob Johnson

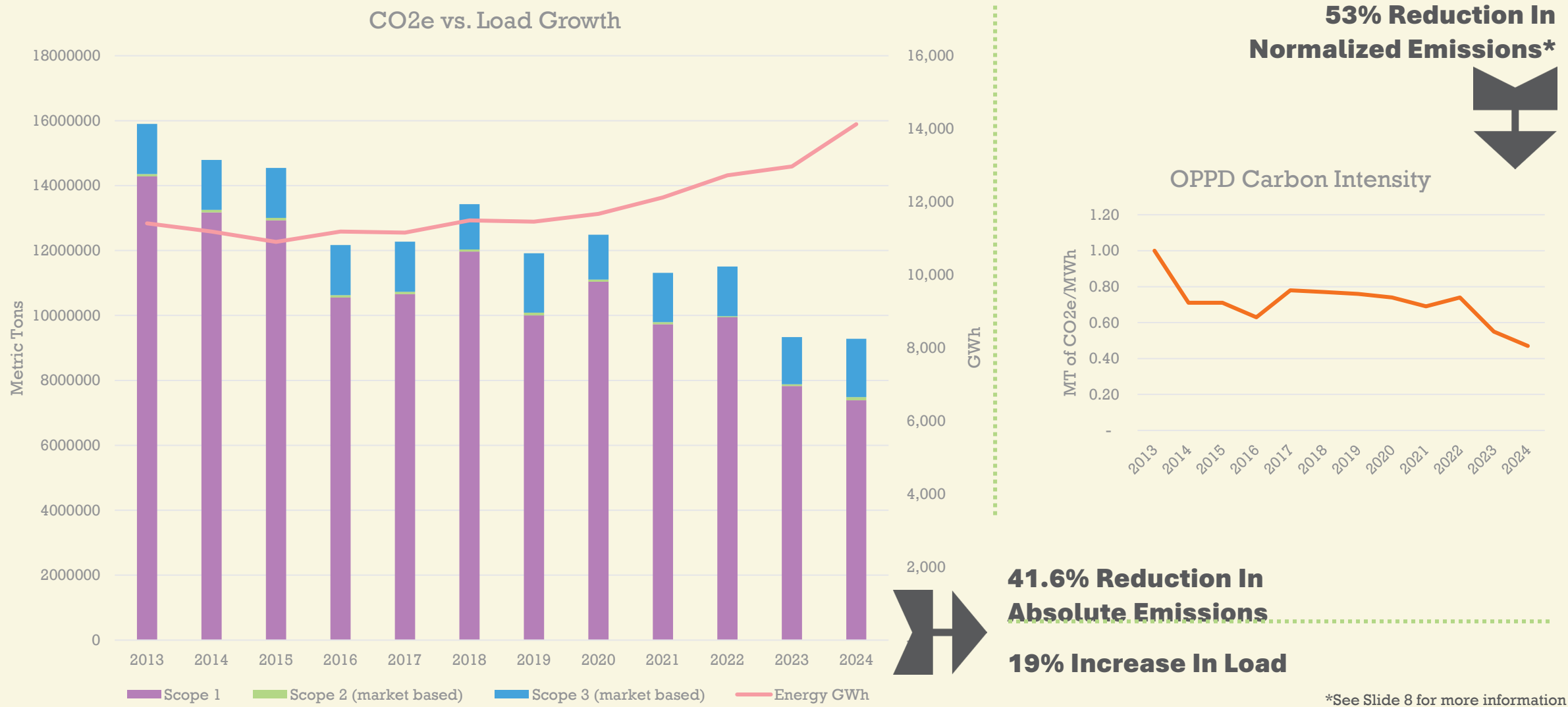


Javier Fernandez (CEO), Director Williams and Cliff Fleener (VP of Environmental and Sustainability) presenting Sustainability Award Flag to Brandon Parmer and Rick Baxter of Omaha Center Green Team.



Strive to achieve net zero carbon equivalent (CO2e) emissions by 2050 relative to OPPD’s 2013 benchmark with the following interim targets:

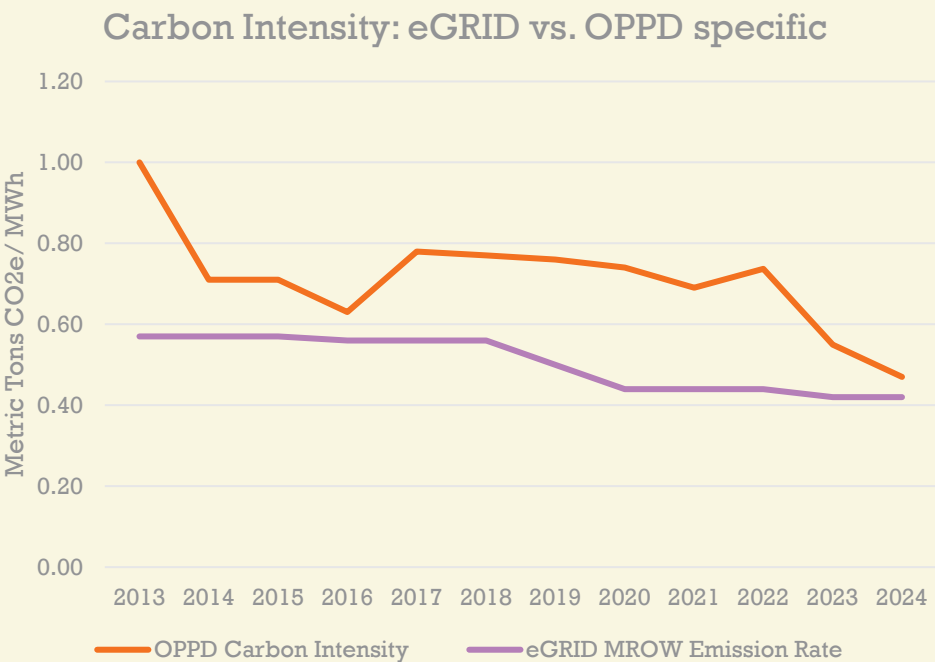
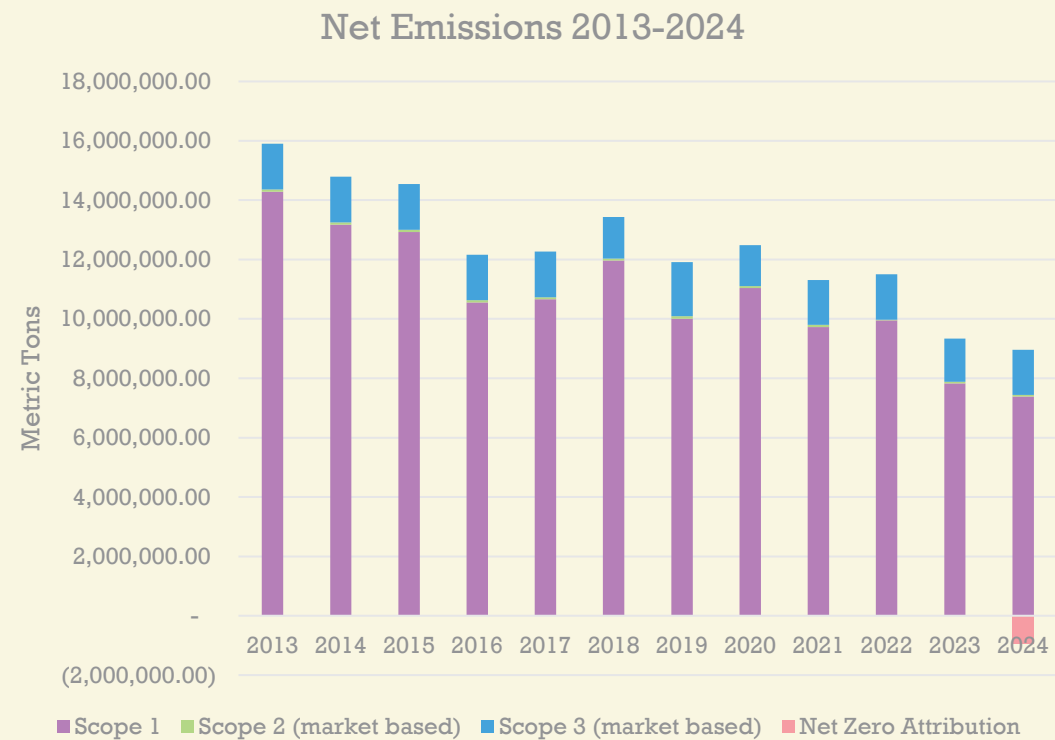
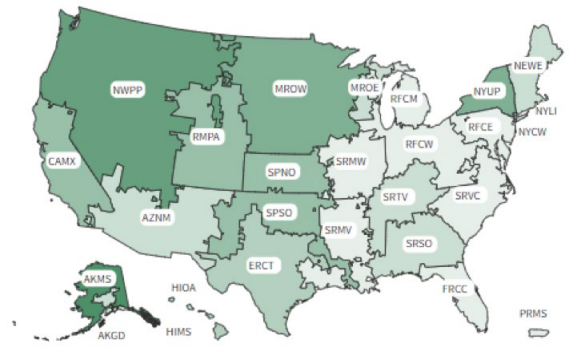
- 2027 (41-51% net reduction)
- Future interim metrics to be informed by and determine following the completion of the 2026 Integrated Resource Plan.



\*See Slide 8 for more information on carbon intensity.

# OPPD Carbon Accounting

- In 2024 with the sale of Renewable Energy Certificates (RECs), OPPD began encouraging customers to use EPA eGRID factors for consistency across regions and industries when calculating their personal Scope II emissions.
- OPPD’s Carbon Intensity calculation takes into account all GHG emissions emitted from electricity generated or purchased.
  - **Contracts that are Capacity Only are not included in these calculations.**



eGRID MROW Subregion reduction 2013-2024 was 35.4%.  
OPPD specific reduction in the same timeline was 53%.



Strive for an “early majority” posture when considering technology advancements when system planning.



Adopt proven, cost-effective resources.

Balance innovation with affordability.

Prioritize reliability and resiliency.

Build on early adopters’ lessons.

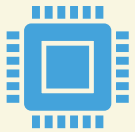
Plan for gradual integration.

## Harden our critical infrastructure to be resilient to the effects of climate change.



\$17 million in tree-trimming for 2024 with an increase of another **\$12 million** for 2025.

These extra investments allow OPPD to clear overgrown limbs and branches more frequently, improving the resiliency of the grid.



In 2024, OPPD's Transmission team energized **1,965 ft (~0.37 miles)** of 69 kv underground circuit.

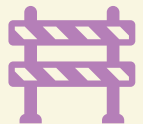


### 2024 Transmission Pole Replacement Projects:

- Line rebuild removed 14 wood structures and 2 lattice tower structures, replaced with **17 steel pole structures**.
- A tie into a new substation removed 20 wood structures and replace with **35 steel structures**.

### 1:1 Structure Replacements in 2024:

- **67 wood structures with steel**
- **6 wood structures with Ductile Iron**
- **51 wood structures with Concrete**



- In 10 years, OPPD's distribution team added approx. **1,775 miles** of underground primary distribution line.
- Along with this traditional growth, OPPD converts **20 to 40 miles** of primary distribution from overhead to underground, annually.

By year end 2027, achieve an approximate 3,500,000 ton annual reduction in CO2 emissions at the North Omaha Station site relative to OPPD's 2013 benchmark of 3,960,179 tons at the station.

Q2 '24 –  
Q2 '25

Q3 2025

Q4 2025

Q3 2026

Q4 2026

- Received all 12 burners.
- Auxiliary boiler was installed; awaiting commissioning in fall of 2026.

Gate  
1

- SPP GIA Study approved without major transmission buildout.

Gate  
2

- NO5 burner installation labor contract awarded.
- TCS and SBLS completed.

Gate  
3

- NO 1/2/3 retirement request approved by SPP.

Gate  
4

- NOS 1-3 Retirements, NOS 4-5 cease coal operation.

# ENVIRONMENTAL JUSTICE (EJ)

2022-2023

EJ identified as regulatory risk at OPPD.

FALL 2024

OPPD fills EJ Program Coordinator position.

FALL 2024

EJ utility research with a focus on federal policies and initiatives.

FALL 2024

NDEE requests EJ screen reports as part of permit applications.

SPRING 2025

EOs revoke federal EJ grants, programs, funds, & resources. CBOs respond with litigation.

YTD 2025

Develop EJ program. Identify opportunities to incorporate EJ principles into OPPD.

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.

## PARTNERSHIPS

Public Affairs | Corporate Communications | Government Affairs | Advocacy Solutions | Organizational Development | Sustainability & Environmental Affairs | Grants | MAPA Housing & Development Committee | MAPA Natural Resources Committee



From left, OPPD's Britton Gabel, manager, Advocacy Solutions and Cliff Fleener, VP of Sustainability and Environmental, stand with OPPD Board Member Mary Spurgeon at City Sprouts event.

Mgr of Advocacy Solutions, Britton Gabel, at North Omaha Community Resource Fair.



# RECOMMENDATION

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The System Management & Nuclear Oversight 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: Environmental Stewardship.

# Any reflections on

- what has been accomplished, challenges and/or strategic implications?

