



President's Report

January 19, 2023



December Baseload Generation

- Nebraska City Unit 1 – Capacity Factor: 41.1%
- Nebraska City Unit 2 – Capacity Factor: 72.9%
- North Omaha Unit 4 – Capacity Factor: 31.4%
- North Omaha Unit 5 – Capacity Factor: 43.3%

December Balancing Generation

- Cass County – Capacity Factor 7.5%
- Jones Street – Capacity Factor 3.4%
- North Omaha Unit 1 – Capacity Factor 0%
- North Omaha Unit 2 – Capacity Factor 0%
- North Omaha Unit 3 – Capacity Factor 0%
- Sarpy County – Capacity Factor 4.9%

December Renewables

- Renewable energy contributed 36.4% of OPPD's retail energy sales
- Wind capacity factor of 50.4%
- Capacity Factor for Community Solar 10.9%



Whispering Roots

\$50,000.00 Awarded

Project

Support sustainability, STEM and agricultural fields of study through building raised garden beds with under-served students using plastic lumber made from plastic waste that has been diverted from the landfill

Benefits

- ✓ Educates students on many aspects of environmental sustainability, from growing food sustainably to the responsible use of resources, waste management and the circular economy
- ✓ Utilizes hard-to-recycle plastics

Habitat for Humanity

\$80,000.00 Awarded

Project

Pilot solar energy as a way to reduce utility costs for households with low income

Benefits

- ✓ Reduce nonrenewable electricity needs
- ✓ Energy savings translates to significant cost reductions to ensure successful homeownership
- ✓ Provides access to solar energy for homeowners who would not otherwise be able to afford it, increasing equitable access to renewable solutions



[OPP.D.com/GTPdashboard](https://oppd.com/GTPdashboard)

New winter peak – Winter Storm Elliott

- OPPD set a **new record winter peak load** on Dec. 22, 2023, as a result of an arctic outbreak with extreme cold temperatures and gusty winds (Winter Storm Elliott).
- Load reached **2,091 MWs** between 5 and 6 p.m., compared to **previous record of 1,824 MWs** during Winter Storm Uri on Feb. 14, 2021.
- The **15% increase** was a result of colder conditions and load growth throughout the service territory

Winter Storm Elliott Dec. 22, 2022

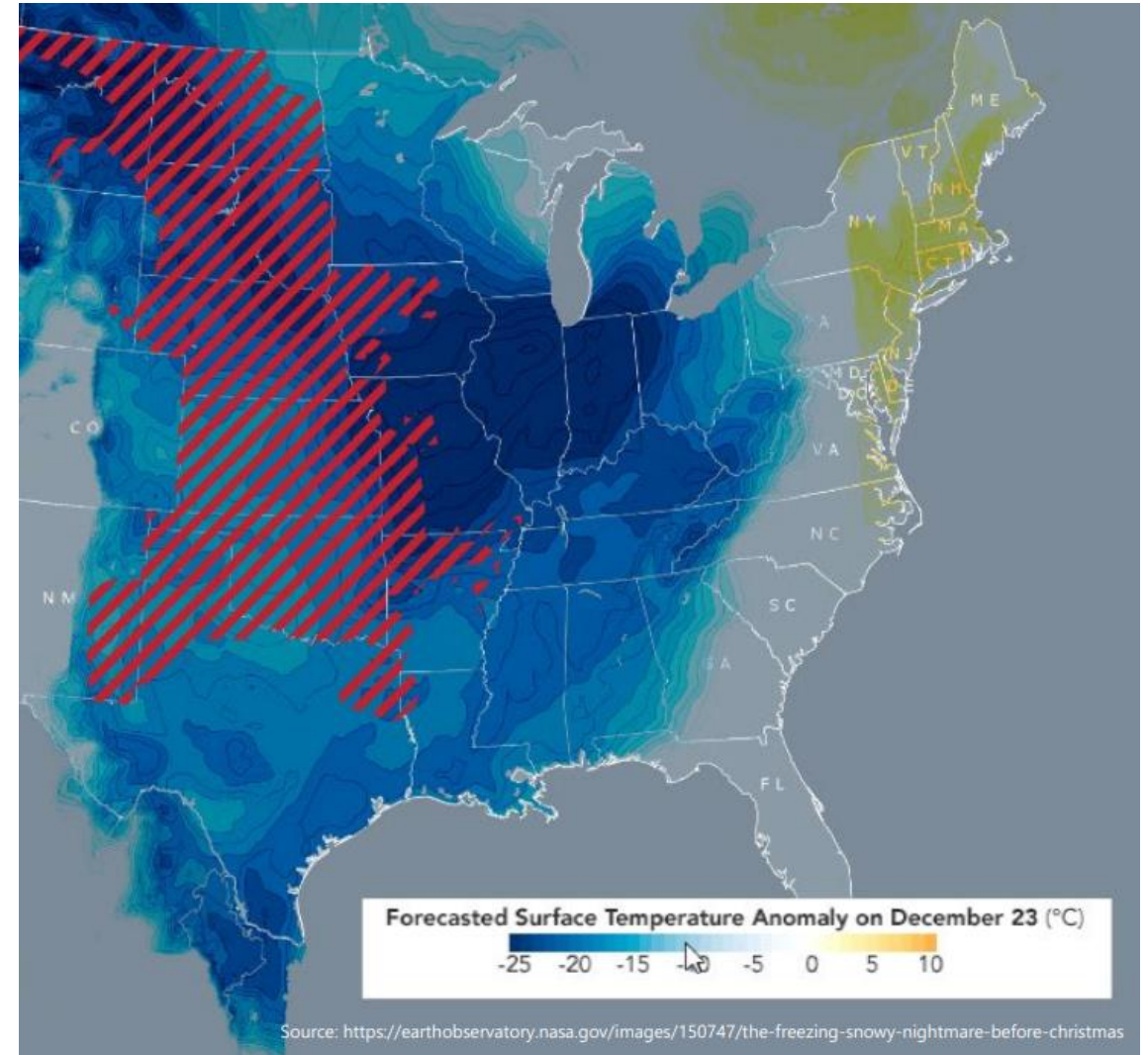
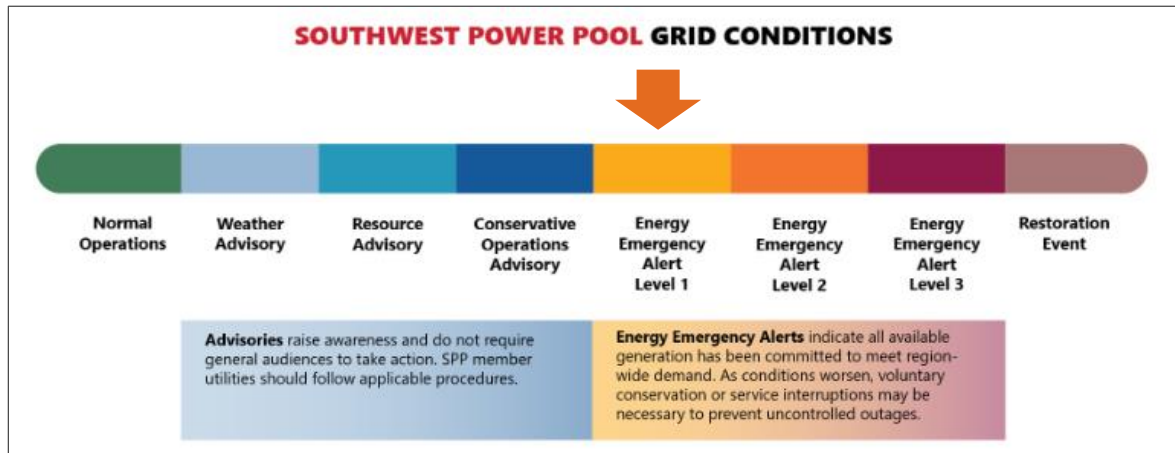
High: -2 °F
Low: -14 °F
Average: -8 °F
2,091 MWs

Winter Storm Uri Feb. 14, 2021

High: -1 °F
Low: -10 °F
Average: -5 °F
1,824 MWs

Winter Storm Elliott

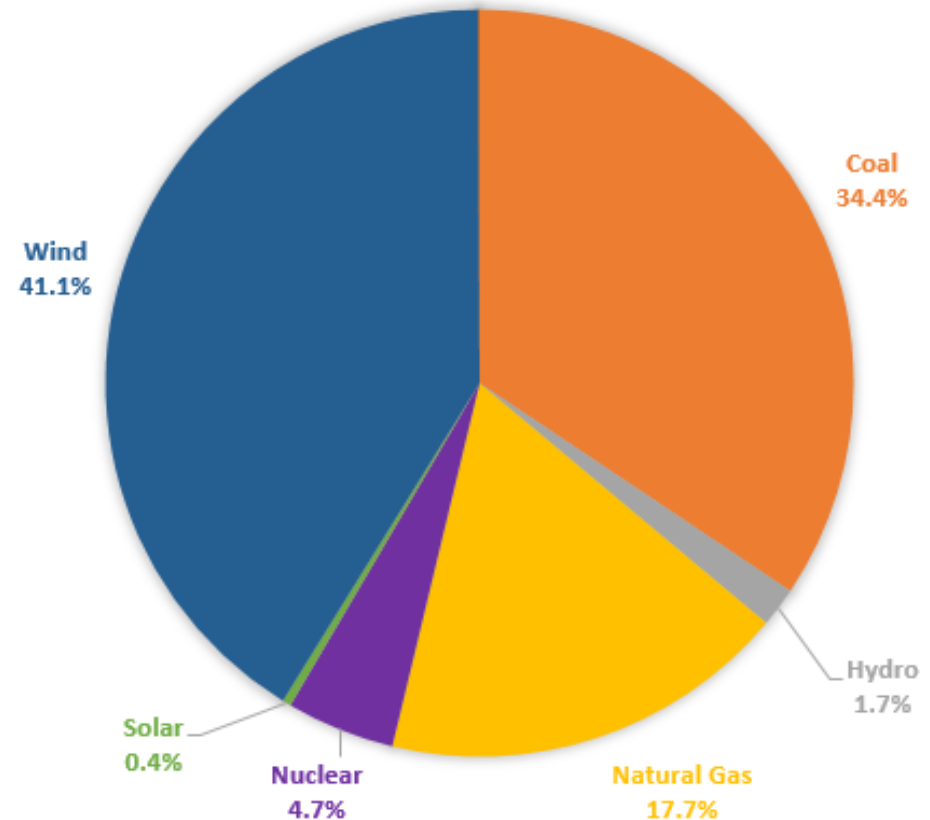
- SPP twice declared an Energy Emergency Alert Level 1 on Dec 23
 - All SPP generation committed to serve load and at risk of not meeting operating reserves



Maintaining Reliability

- **Diverse resource mix** and planning efforts provided preparedness for this type of event.
- **Power with Purpose** will further increase diversity and overall resources
- Future planning efforts will continue to ensure **reliability** through resource **diversity** and **capability** during these types of extreme events in all seasons.

SPP RESOURCE MIX, 12-22-2022 18:00



Honor Our Community

Month of Giving

\$273,469



**THE MART SEDKY
MONTH OF GIVING
NOVEMBER 1-30**

United Way of the Midlands United Way

HELP YOUR NEIGHBORS KEEP THE POWER ON
GIVE TO THE GAP

Awards



Photo courtesy of Philippe Nobile Photography. From left, Vivek Arora (SAM Companies), Joyce Cooper (OPPD), and McKell Purnell (OPPD).

OPPD-Douglas County SOLUS Grant Awarded

- Awarded \$3,460,000 by the Nebraska Environmental Trust for OPPD-Douglas County SOLUS (Solar On Landfills Utility Scale)
- OPPD received the largest award of the 23 projects funded
- 1st utility-scale solar installation on a capped landfill in Nebraska
- 3-year project with 2 phases
 - Year 1 – Feasibility Study
 - Years 2 and 3 – Design and Construction
- Located at the closed Douglas County landfill (12608 State St.)
- Project features a public-public partnership with Douglas County
- Grant funding will support the cost difference between a typical ground-mounted solar project and landfill solar, which is higher due to the design and construction complexities



Honor Our Community

16th Annual Run & Walk for Warmth

Registration is open!

When: March 4

Where: Aksarben Village and a virtual option; you choose when and where to participate

Cost: \$40 – 5-mile, \$35 – 5k, \$30 – untimed run/walk

Register: HeatTheStreetsOmaha.com



100% of fund the raised go to energy assistance programs!

In Memoriam

Remembering those we lost



Mike Wright

Underground Construction Worker

January 6, 2023

