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
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

<table>
<thead>
<tr>
<th>Winter Storm Elliott</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dec. 22, 2022</td>
<td></td>
</tr>
<tr>
<td>High: -2°F</td>
<td></td>
</tr>
<tr>
<td>Low: -14°F</td>
<td></td>
</tr>
<tr>
<td>Average: -8°F</td>
<td></td>
</tr>
<tr>
<td>2,091 MWs</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Winter Storm Uri</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Feb. 14, 2021</td>
<td></td>
</tr>
<tr>
<td>High: -1°F</td>
<td></td>
</tr>
<tr>
<td>Low: -10°F</td>
<td></td>
</tr>
<tr>
<td>Average: -5°F</td>
<td></td>
</tr>
<tr>
<td>1,824 MWs</td>
<td></td>
</tr>
</tbody>
</table>
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.
Honor Our Community

Month of Giving

$273,469

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 funds raised go to energy assistance programs!
In Memoriam
Remembering those we lost

Mike Wright
Underground Construction Worker
January 6, 2023