President’s Report

August 19, 2021
July Baseload Generation

- Nebraska City Unit 1 – Capacity Factor: 79.9%
- Nebraska City Unit 2 – Capacity Factor: 93.2%
- North Omaha Unit 4 – Capacity Factor: 76.4%
- North Omaha Unit 5 – Capacity Factor: 70.2%
July Peaking Generation

• Cass County – Capacity Factor 15.8%
• Jones Street – Capacity Factor 0%
• North Omaha Unit 1 – Capacity Factor 0.5%
• North Omaha Unit 2 – Capacity Factor 0.4%
• North Omaha Unit 3 – Capacity Factor 9.6%
• Sarpy County – Capacity Factor 8.8%
OPPD Sets New Peak Loads!

WINTER
• New all-time OPPD peak load is **1,824 MWs** set on February 14, 2021, hour ending 1900.
• Prior all-time OPPD peak load was **1,773 MWs** set on January 15, 2018, hour ending 1900.

SUMMER
• New all-time OPPD peak load is **2,500 MWs** set on July 29, 2021, hour ending 1500.
• Prior all-time OPPD peak load was **2,481 MWs** set on June 17, 2021, hour ending 1800.
• Prior all-time OPPD peak load was **2,468 MWs** set on August 1, 2011, hour ending 1700.

• For the June 17, 2021 peak: Demand Side Management (DSM) was utilized to reduce peak load by an estimated 73 MWs (2554 MWs without DSM)
  • CoolSmart – reduced load by 40 MWs (estimated)
  • Distributed Energy Resource Management System (DERMS) – reduced load by 4 MWs (estimated)
  • 467L – reduced load by 29 MWs (actual)
• DSM reduces planning load when determining SPP Resource Adequacy requirements
July Renewables

- Renewable energy contributed 25.7% of OPPD’s retail energy sales.
- Wind capacity factor of 34.2%
- Capacity Factor for Community Solar 32.5%.
- Capacity Factor for Community Solar YTD is 21.6%.
Electric Vehicle Education and Rebates

- Why Buy an EV?
- EV101
- EV Calculator
- Public Charging Stations
- Incentives & Rebates
- EV Resources
Charge Ahead

• EV Education Campaign Promoting the “Top 4 Reasons to Buy an EV”

• Promotional and educational materials to be delivered to local dealership partners in mid-August

• Residential Rebate $2,500

• Commercial Fleet Conversion Rebates of $2,500 and $4,500
EV Education Pilot with Local Schools

- Partnership with rEV, National Energy Foundation and Electrify America
- OPPD 1 of 4 Utilities Across the US to Participate
- Educating OPPD Future Customers (High School Students) on Electric Vehicle Benefits
- 7 OPPD Territory Schools
- Teachers Empowered and Provided Tools to Educate Youth
- Engagement through Student Competition
Celebrating Utility Industry Awards

OPPD’s Customers First Campaign (pandemic solutions) earned an Honorable Mention from Chartwell based on program results:

- Over 14 million touchpoints
- $2.17M in CARES Act funding assistance distributed in less than 4 months
- A 60% increase in Energy Assistance Program (EAP) donations
Celebrating 500 Applications!

- 500 Customer-Owned Generation (COG) applications received as of June 2021!
  - 500% increase in applications, 2021 vs 2020

- 203 COG systems online
  - 157 residential / 46 commercial

- 3,265 kW AC solar capacity

- Over 35k customers used online resources

- Solar Calculator averages 2 users/day

- Educational shift to protect customers
Pathways to Decarbonization Customer and Community Update

- Virtual Engagement Session
- Thursday, Sept. 2, 4 p.m.
- Take the Decarbonization Customer Survey now!
- Pre-Register & take survey at OPPDCommunityConnect.com

Community Workstream
- Approach and Objective
- Understanding the Community & Shared Strategies
- Framework & Prioritizing Opportunity

Customer Workstream
- Overview and Objectives
- Framework & Product Analysis
- Next Steps
Honor Our Community

Celebrating County Fairs:
  Cass
  Dodge
  Johnson
  Nemaha
  Otoe
  Sarpy
  Saunders
  Washington

Photo courtesy of
https://www.facebook.com/saunderscountyfair/photos/a.459968460855464/514719898713653/
Honor Our Community

NEIGHBORHOOD CLEAN UP
THIS SATURDAY
Join us as we work together to improve our neighborhood partners at DPW.
In Memoriam
Remembering those we lost

Amy Baratta
August 2, 1965 – July 23, 2021
In Memoriam
Remembering those we lost

Nitin Gambhir
October 5, 1977 – June 29, 2021