

**OPPD Board of Directors – All Committees Meeting
 Tuesday, October 18, 2022**

CLOSED SESSION – 8:30 A.M. – PUBLIC SESSION 10:00 A.M.

Conducted virtually via Webex audio/video conference. Public may attend remotely by going to www.oppd.com/CommitteeAgenda to access the Webex meeting link or the public may watch the Webex at Energy Plaza, 444 S. 16th Street – Conf. Room A, Omaha, NE, which will be set up as a physical location to view the Webex.

	<u>TOPIC</u>	<u>TYPE</u>	<u>PRESENTER</u>	<u>TIME*</u>
1.	Chair Opening Statement		Bogner	8:30 A.M.
2.	Closed Session			8:35 A.M.
	Nebraska City Station Operational Update	Reporting	Via	40 min
	<i>BREAK – Open Webex to Allow Public to Join</i>			9:15 A.M.
3.	Public Session – Chair Opening Statement		Bogner	10:00 A.M.
4.	Safety Briefing		Fernandez	10:05 A.M.
5.	Governance Committee			10:10 A.M.
	Governance Chair Report	Reporting	Moody	5 min
	SD-12: Information Management and Security Monitoring Report	Action	Brown	15 min
	Claim Settlement in Excess of \$50,000	Reporting	Focht	5 min
6.	Finance Committee			10:35 A.M.
	Finance Chair Report (10/7/22)	Reporting	Yoder	10 min
	Electric System Revenue Bonds, 2022 Series A & B	Reporting	Bishop	5 min
	2022 Excess Expenditure Approval	Action	Bishop	5 min
7.	System Management & Nuclear Oversight Cmte			10:55 A.M.
	SM&NO Chair Report (10/5/22)	Reporting	Williams	10 min
	Grading, Drainage, Entry Road(s) and Miscellaneous Work for Greenfield Substation Site	Action	Via	5 min
	Nebraska City Station Unit 2 Economizer Upper Bank Tubing Replacement – Labor Contract Award	Action	Via	5 min
	Nebraska City Station Unit 1 Turbine Intercept Valve Bonnet Replacement – Engineer’s Certificate	Action	Via	10 min
	Sarpy County Unit 4 “A” Power Turbine Repairs – Engineer’s Certificate	Action	Via	10 min
	SD-7: Environmental Stewardship Monitoring Report	Action	Via	30 min
	<i>BREAK FOR LUNCH</i>			12:15 P.M.
8.	Public Information Committee			12:45 P.M.
	Public Information Chair Report (10/11/22)	Reporting	Mollhoff	5 min
	Legislative and Regulatory Update	Reporting	Olson	10 min
	North Omaha Engagement	Reporting	Olson	10 min
	SD-13: Stakeholder Outreach and Engagement Monitoring Report	Action	Olson	20 min
9.	Other Business			1:30 P.M.
	Confirmation of Board Meeting Agenda	Action	Bogner	5 min
	Review of Board Work Plan	Discussion	Bogner	5 min
	Power with Purpose: Solar, Natural Gas and Transmission Update	Reporting	Via / Underwood	30 min

* All times and duration are estimates. Please use the link below to find board agendas, materials and schedules. Board governance policies and contact information for the board and senior management team also can be found at www.oppd.com/BoardMeetings.



Board Action

BOARD OF DIRECTORS

October 18, 2022

ITEM

SD-12: Information Management and Security Monitoring Report

PURPOSE

To ensure full board review, discussion and acceptance of SD-12: Information Management and Security 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 Governance Committee is responsible for evaluating Board Policy SD-12: Information Management and Security.
- d. The Governance Committee has reviewed and accepted the SD-12: Information Management and Security Monitoring Report and finds that OPPD is taking reasonable and appropriate measures to comply with the policy.


ACTION

The Governance Committee recommends Board approval of the 2022 SD-12: Information Management and Security Monitoring Report.

RECOMMENDED:

DocuSigned by:

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Kathleen W. Brown
Vice President and Chief Information Officer

APPROVED FOR BOARD CONSIDERATION:

DocuSigned by:

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L. Javier Fernandez
President and Chief Executive Officer

Attachments:
Exhibit A – Monitoring Report
Resolution



SD-12: Information Management and Security Monitoring Report

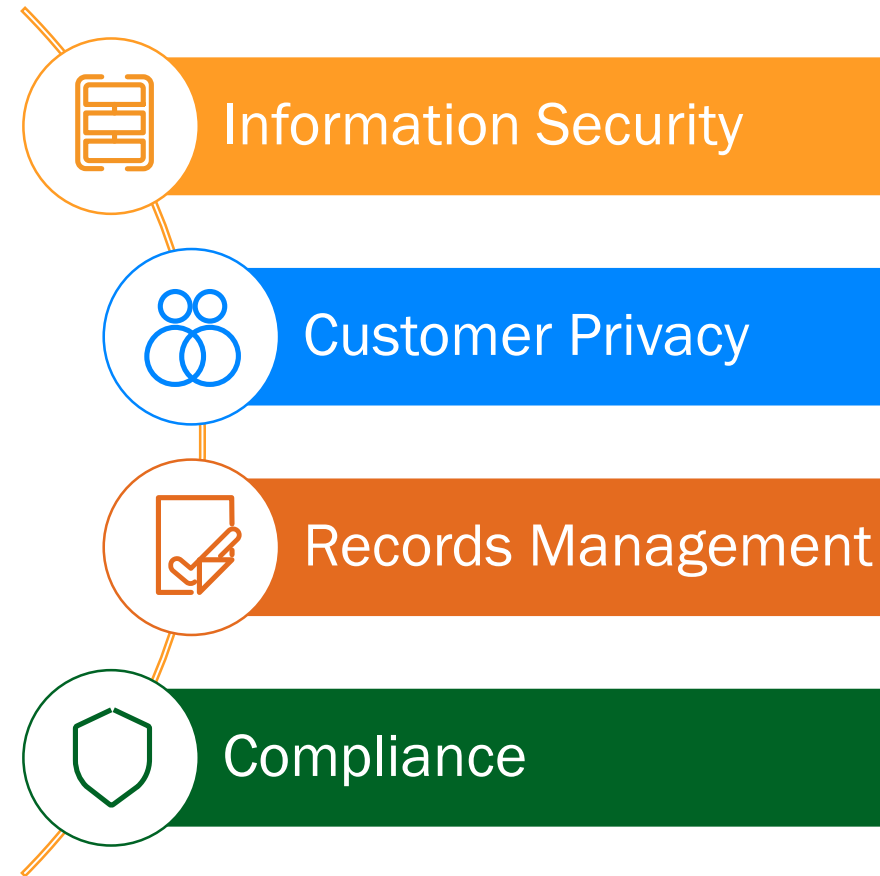
Kate Brown

Vice President and Chief Information Officer

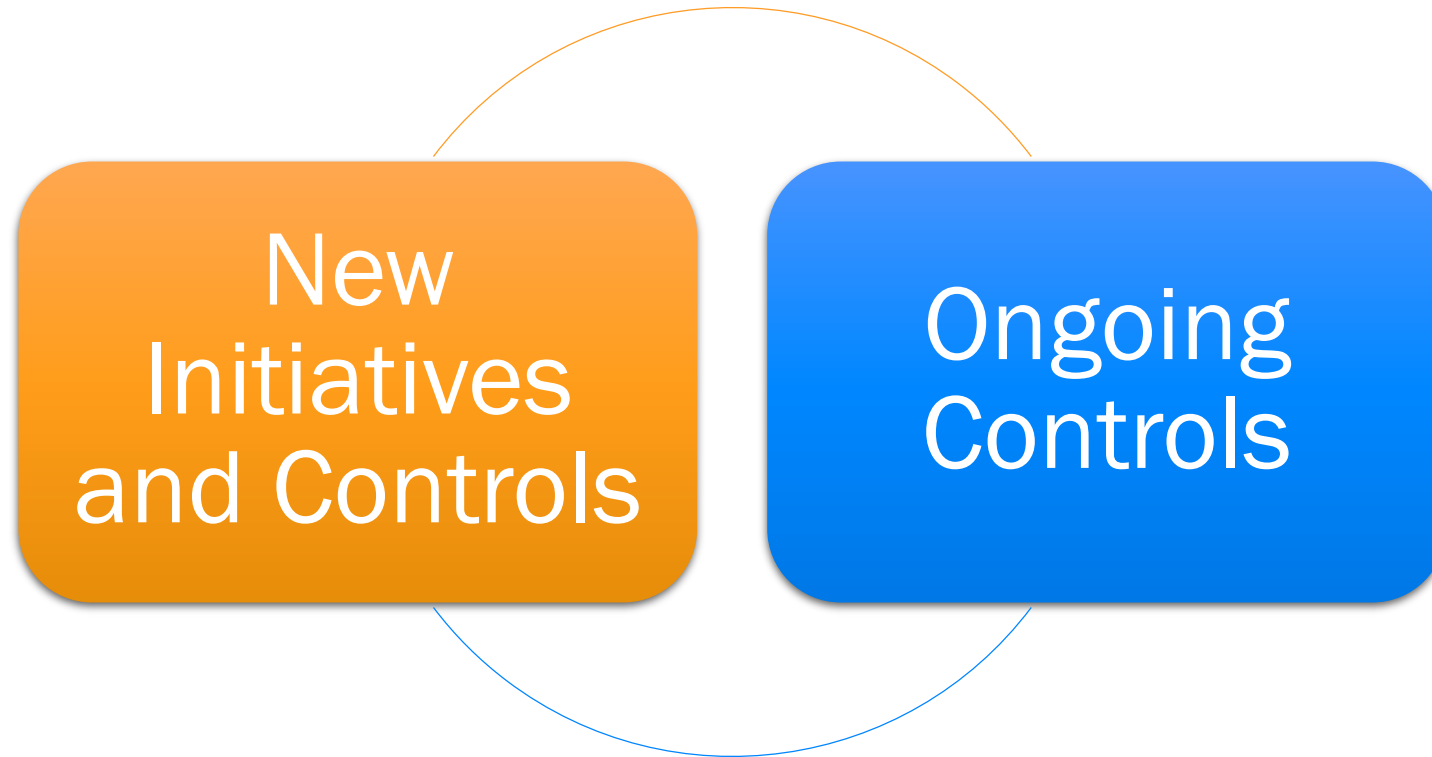
October 18, 2022

SD-12: Information Management & Security

- Robust information management and security practices are critical to effective risk management and to ensure regulatory compliance, business resiliency and customer-owner satisfaction
- OPPD shall safeguard and protect data, information and assets from inappropriate use, improper disclosure and unauthorized release



Ensuring Compliance to SD-12



Information Security



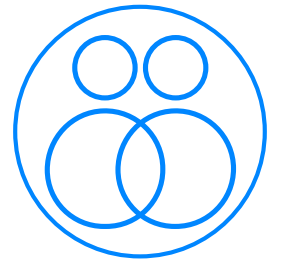
Objective

- OPPD will implement processes and methodologies to protect print, electronic, or any other form of information or data from unauthorized access, misuse, disclosure, destruction, or modification

Ongoing Controls

- Maturing our capabilities to identify and respond to cybersecurity events
- Identifying and mitigating known vulnerabilities based on risk to the organization
- Conducting regular cybersecurity incident response exercises to test and improve our processes
- Establishing and maturing plans, procedures, and technologies to detect, analyze, and respond to cybersecurity events
- Leveraging partnerships to collect and provide cybersecurity information, including threats and vulnerabilities, to reduce risks and to increase operational resilience
- Maturing our security awareness services with a focus on phishing prevention
- Creating security awareness to all employees through training and communications

Customer Privacy



Objective

- Except as provided by law or for a business purpose, OPPD will not disseminate customer-owner information to a third party for non-OPPD business purposes without customer-owner consent
- Where sensitive and confidential information is disseminated for a business purpose, OPPD will ensure that the third party has information practices to protect the sensitive and confidential customer-owner information
- OPPD will maintain a process that identifies the business purposes for which OPPD will collect, use and disseminate sensitive and confidential customer-owner information

Ongoing Controls

- OPPD's Identity Theft Prevention Program is the cornerstone for ensuring customer privacy throughout OPPD
 - This program is reviewed regularly for effectiveness and compliance with state and federal regulations
 - An annual report of this program is reviewed by OPPD management to ensure its effectiveness
 - All employees with access to customer information are trained based on this program, including annual training and regular assessments in relation to data sharing and security
- Customer Service and Public Affairs partner to provide customer communications based on fraud-related trends and events

Records Management



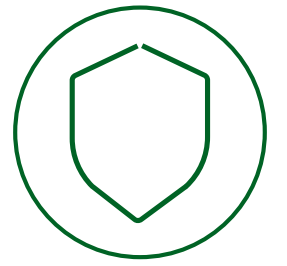
Objective

- The efficient and systematic control of the creation, capture, identification, receipt, maintenance, use, disposition, and destruction of OPPD records, in accordance with legal requirements

Ongoing Controls

- Strengthening records management collaboration across OPPD to become an enterprise function
- Ensuring records management staff are trained on practices and have procedures for maintaining, archiving and destruction of required business records
- Leveraging industry and external partnerships, including outside utilities and government entities
- Continuing process and service improvements in light of efficiency, effectiveness and security
- Supporting records management efforts associated with FCS nuclear decommissioning and other EPND activities

Compliance – Ongoing Controls



Objective

- Comply with contractual and legal requirements through the use of technical controls, system audits and legal review

Ongoing Controls

- Strengthening governance, risk and compliance capabilities through formal enterprise management, identification and attestations of control compliance
- Engaging employees, legal counsel and external entities to stay abreast of the changing landscape from a legal/compliance perspective
- Confirming that security and privacy measures are included in contracting processes for the protection of OPPD data and systems, and also supported by our engaged third parties
- Performing internal and external audits and reviews on a regular basis, with findings provided to management

Progress in 2022

Information Security

- Continued specialized training and awareness activities
- Advanced threat detection and prevention
- Strengthened security and technical controls in alignment with technology usage
- Enhanced incident response and disaster recovery
- Sustained strong local, state, federal industry and data sharing partnerships
- Strengthening governance and management of enterprise information security capability maturity

Records Management

- Continued development of records management function
- Completed retention schedule review, received State of Nebraska Records Management Office approval
- Established Data Management Policy
- Continued support of records management efforts associated with FCS nuclear decommissioning and EPND activities

Information Management & Customer Privacy

- Expanded partnership and collaboration across the organization to further strengthen privacy by design, data management and governance
- Sustained partnerships to help detect and prevent suspicious activity
- Reviewed industry trends in alignment with strategic initiatives
- Partnership with expert industry leaders in data management and governance.

Compliance

- Further strengthened security policy (and associated controls), further aligning to established best practices, industry standards, and regulatory recommendations and requirements
- Continued focus on digital transformation, cloud technology growth and OT/IT convergence
- Annual internal and external maturity assessments of critical capabilities, threat and vulnerability management
- Increased focus on measurement, metrics and testing

Recommendation

- The Governance Committee has reviewed and accepted this Monitoring Report for SD-12 and recommends that the Board finds OPPD is taking reasonable and appropriate measures to comply with Board Policy SD-12.

**Any additional reflections on
what has been
accomplished ... or
challenges or gaps**





Moody/Brown

DRAFT
RESOLUTION NO. 6526

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 Governance Committee (the "Committee") is responsible for evaluating Board Policy SD-12: Information Management and Security on an annual basis. The Committee has reviewed the 2022 SD-12: Information Management and Security Monitoring Report and finds OPPD is taking reasonable and appropriate measures to comply with Board Policy SD-12 as stated.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Omaha Public Power District accepts the 2022 SD-12: Information Management and Security Monitoring Report, in the form as set forth on Exhibit A attached hereto and made a part hereof, and finds that OPPD is taking reasonable and appropriate measures to comply with Board Policy SD-12: Information Management and Security.



Reporting Item

October 18, 2022

ITEM

Claim Settlement Report

PURPOSE

Report settlement of a claim in excess of \$50,000

FACTS

- a. On or about December 20, 2017, a wooden distribution pole located in a pasture on Herbster Angus Farms fell resulting in the electrocution of a cow. Herbster Angus Farms is a registered Angus breeder and claims to specialize in the best Angus genetics. The District and Herbster Angus Farms were unable to reach a settlement regarding the value of the cow.
- b. Nebraska State Statute §84-713 requires a report to the Board of Directors for the settlement of any claim in excess of \$50,000.
- c. A trial took place on July, 14 – 15, 2022. Herbster Angus Farms valued the cow at \$300,000 to \$500,000. The trial judge awarded Herbster Angus Farms \$150,000. The District paid \$152,172.02, which included post judgment interest.

RECOMMENDED:

DocuSigned by:

Scott M. Focht

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Scott M. Focht

Vice President – Corporate Strategy and Governance

SMF:ish

APPROVED FOR REPORTING TO BOARD:

DocuSigned by:

L. Javier Fernandez

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L. Javier Fernandez

President and Chief Executive Officer



Pre-Committee Agenda

FINANCE PRE-COMMITTEE MEETING
 VIDEOCONFERENCE
 October 7, 2022 8:00 – 9:30 AM

1. Safety Briefing (Bishop – 3 min)
 - a. Objective: Promote awareness of current safety focus
2. Electric System Revenue Bonds, 2022 Series A & B (Bishop – 0 min)
 - a. Objective: Report on results of the 2022 bond issuance during full Committee (Reporting)
3. Excess Expenditure Authorization (Bishop – 5 min)
 - a. Objective: Briefly review the expenditure increase proposal (Action)
4. 5 Year Outlook and 2023 Rate Proposal (Bishop – 50 min)
 - a. Objective: Review of financial trajectory and proposed rate (Reporting)
5. SD-2: Rates & SD-3: Access to Credit Markets Policy Revisions (Yoder – 15 min)
 - a. Objective: Refine and confirm language changes (Work Item)
6. Board Work Plan – Finance Committee Items (2 min)
 - a. Objective: Review Finance Committee Work Plan and process.
7. Summary of Committee Direction (2 min)
 - a. Objective: Executive leadership team liaison(s) to gain alignment and summarize direction provided by the Committee.

Finance Committee Agenda Outlook

NOVEMBER ALL COMMITTEES MEETING	TYPE	PRESENTER	TIME	MINS
Finance Pre-Committee (11/4/22)	Reporting	Yoder	10	min
Third Quarter Retirement Fund Report	Reporting	Bishop	5	min
Third Quarter Financial Report	Reporting	Bishop	10	min
2023 Preliminary Corporate Operating Plan	Reporting	Bishop	90	min
DECEMBER ALL COMMITTEES MEETING	TYPE	PRESENTER	TIME	MINS
Finance Pre-Committee (12/2/22)	Reporting	Yoder	10	min
2023 Final Corporate Operating Plan	Action	Bishop	20	min
Declaration of Anticipated 2023 Capital Expenditures Reimbursement	Action	Bishop	5	min



Reporting Item

BOARD OF DIRECTORS

October 18, 2022

ITEM

Electric System Revenue Bonds, 2022 Series A & B

PURPOSE

Report on the final pricing of the Electric System Revenue Bonds, 2022 Series A & B.

FACTS

- a. The Board of Directors authorized the Vice President and Chief Financial Officer at the April 2022 Board Meeting to execute the documents necessary to complete the sale of up to \$441,065,000 of tax-exempt Electric System Revenue Bonds through December 31, 2022. These Bonds would be issued for valid corporate purposes, including paying or reimbursing capital expenditures of the District, refunding outstanding debt, funding any required reserves, and paying for any related transaction costs.
- b. The District sold bonds (2022 Series A & B) on September 7, 2022, through an investment banking team led by J.P. Morgan Securities LLC and Goldman Sachs & Co. LLC. The 2022 Series A Bonds principal amount is \$351,540,000 with a final maturity of 2052, and an average interest rate of 4.532723%. The 2022 Series A Bond proceeds were used to pay for future capital expenditures and to reimburse the District for previous capital expenditures. The 2022 Series B Bonds principal amount is \$69,025,000 with a final maturity of 2035, and an average interest rate of 3.166514%. The 2022 Series B Bond proceeds were used to refund a principal amount of \$75,000,000 of the District's commercial paper notes. The settlement date for the 2022 Series A & B Bonds was October 4, 2022.
- c. Attached is the completed and executed Pricing Certificate outlining the maturities, coupon rates, yields, and call provisions of the 2022 Series A & B Bonds. A written opinion from Barclays Capital Inc., the District's financial advisor is also attached. The opinion certifies that the terms for the 2022 Series A & B Bonds reflect interest rates competitive with current market conditions.

RECOMMENDED:

APPROVED FOR REPORTING TO BOARD:

DocuSigned by:

DocuSigned by:

Jeff Bishop

L. Javier Fernandez

Jeffrey M. Bishop

L. Javier Fernandez

Vice President and Chief Financial Officer

President and Chief Executive Officer

JMB:jap

Attachments: 2022 Series A & B Bonds Pricing Certificate
Opinion Letter - Barclays Capital Inc.

PRICING CERTIFICATE

This Certificate is delivered pursuant to Resolution No. 6439 and Resolution No. 6495 of the Board of Directors of Omaha Public Power District (the “District”) adopted on June 17, 2021 and April 21, 2022, respectively (collectively, the “Authorizing Resolution”), which authorizes the issuance by the District of its Electric System Revenue Bonds, 2022 Series A (the “2022 A Bonds”) and its Electric System Revenue Bonds, 2022 Series B (the “2022 B Bonds” and, together with the 2022 A Bonds, the “Bonds”). Capitalized terms used herein which are not otherwise defined shall have the meanings assigned thereto in the Authorizing Resolution.

As required by the Authorizing Resolution, the undersigned hereby makes the following determinations:

1. ***Principal Amount and Series Designation.*** The aggregate principal amount of the 2022 A Bonds shall be \$351,540,000 and the series designation shall be 2022 Series A Bonds. The aggregate principal amount of the 2022 B Bonds shall be \$69,025,000 and the series designation shall be 2022 Series B Bonds.

2. ***Interest Rates and Maturities.*** The Bonds shall be dated their date of issue, which shall be their Dated Date, and shall bear interest from such date at the rates per annum, and shall mature on February 1 in each of the years and in the principal amounts, as follows:

Electric System Revenue Bonds, 2022 Series A

\$64,315,000 Serial Bonds

Year	Principal Amount	Interest Rate
2035	\$2,000,000	5.000%
2036	4,610,000	5.000
2037	3,305,000	5.000
2038	6,395,000	5.000
2039	5,765,000	5.000
2040	11,020,000	5.000
2041	10,890,000	5.000
2042	20,330,000	4.000

\$287,225,000 Term Bonds

Year	Principal Amount	Interest Rate
2047	\$58,580,000	4.250%
2047	100,000,000	5.000
2052	128,645,000	5.250

Electric System Revenue Bonds, 2022 Series B

\$69,025,000 Serial Bonds

Year	Principal Amount	Interest Rate
2028	\$8,685,000	5.000%
2029	8,470,000	5.000
2030	8,955,000	5.000
2031	9,395,000	5.000
2032	9,870,000	5.000
2033	10,365,000	5.000
2034	10,885,000	5.000
2035	2,400,000	5.000

3. **Optional Redemption.** At the option of the District, the 2022 A Bonds shall be subject to redemption prior to maturity on any date on or after February 1, 2032 at a redemption price equal to the principal amount thereof, together with the interest accrued thereon to the date fixed for redemption.

At the option of the District, the 2022 B Bonds maturing on or after February 1, 2033 shall be subject to redemption prior to maturity on any date on or after February 1, 2032 at a redemption price equal to the principal amount thereof, together with the interest accrued thereon to the date fixed for redemption.

4. **Sinking Fund Redemption.** The 2022 A Bonds maturing on February 1, 2047 and February 1, 2052, shall be retired in part by sinking fund installments in the principal amount of such 2022 A Bonds specified in each of the years shown below:

Term Bonds Maturing February 1, 2047 (4.250%)

Year	Principal Amount
2043	\$10,895,000
2044	11,500,000
2045	11,980,000
2046	18,540,000
2047*	5,665,000

* Final Maturity

Term Bonds Maturing February 1, 2047 (5.000%)

Year	Principal Amount
2043	\$18,350,000
2044	19,510,000
2045	20,465,000
2046	32,015,000
2047*	9,660,000

* Final Maturity

Term Bonds Maturing February 1, 2052 (5.250%)

Year	Principal Amount
2048	\$16,130,000
2049	16,970,000
2050	17,860,000
2051	18,800,000
2052*	58,885,000

* Final Maturity

The District may also at its option, redeem the 2022 A Bonds maturing on February 1 of the years 2047 and 2052, by lot, upon notice mailed to the owner of each such 2022 A Bond not less than thirty days prior to the date fixed for redemption, as provided in Article IV of the General Resolution, on any August 1, commencing on August 1, 2042 at the principal amount thereof, together with accrued interest to the date fixed for redemption, in an aggregate principal amount on any such August 1 equal to the sinking fund installments deposited since the preceding February 1 in the Bond Retirement Account in the Bond Fund pursuant to paragraph C of Section 5.2 of the General Resolution for the purpose of redeeming such 2022 A Bonds on the following February 1. In the event that 2022 A Bonds are so redeemed on any August 1, the aggregate principal amount of 2022 Series A Bonds to be redeemed by the application of the sinking fund installments on the following February 1 as provided above shall be reduced by the aggregate principal amount of such 2022 A Bonds so redeemed.

5. ***Application of Net Proceeds.*** The estimated application of the net proceeds of the 2022 A Bonds is as follows:

Deposit to Construction Fund to reimburse previously incurred capital expenditures	\$249,874,954.81
Deposit to Construction Fund to fund District capital expenditures for costs as incurred	104,129,022.43
Deposit to Construction Fund for Costs of Issuance.....	514,007.88
Deposit to Reserve Account.....	<u>17,255,962.50</u>
Total Net Proceeds of the 2022 A Bonds	\$371,773,947.62

The estimated application of the net proceeds of the 2022 B Bonds is as follows:

Refunding of Commercial Paper.....	\$75,000,000.00
Deposit to Construction Fund for Costs of Issuance.....	108,784.41
Deposit to Reserve Account.....	<u>3,451,250.00</u>
Total Net Proceeds of the 2022 B Bonds	\$78,560,034.41

6. ***Modifications to Section 10 of Resolution No. 6439.*** None.

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Dated this 4th day of October, 2022.

OMAHA PUBLIC POWER DISTRICT

By 
Jeffrey M. Bishop
Vice President and Chief Financial Officer

Accepted for delivery to the District's Treasurer:

By 
Assistant Secretary



September 8, 2022

Board of Directors Omaha Public Power District
444 South 16th Street Mall
Omaha, NE 68102-2247

RE: Omaha Public Power District (Nebraska)
\$351,540,000 Electric System Revenue Bonds, 2022 Series A
\$69,025,000 Electric System Revenue Bonds, 2022 Series B

Barclays Capital Inc. has acted as Financial Advisor to Omaha Public Power District (the "District") in connection with the issuance of \$351,540,000 Electric System Revenue Bonds, 2022 Series A (the "2022A Bonds") and \$69,025,000 Electric System Revenue Bonds, 2022 Series B (the "2022B Bonds," and together with the 2022A Bonds, the "2022 Bonds"). The District has appointed J.P. Morgan Securities LLC and Goldman Sachs & Co. LLC, as Senior Managers (collectively, the "Senior Managers") and has appointed BofA Securities, Inc., Citigroup Global Markets Inc., Morgan Stanley & Co. LLC, Piper Sandler & Co., RBC Capital Markets LLC, UMB Bank, N.A. and Wells Fargo Bank, N.A., as Co-Managers (collectively, the "Co-Managers" and together with the Senior Managers, the "Underwriters").

Pursuant to the proposed Bond Purchase Agreement, the Underwriters, jointly and severally, agree to purchase from the District the 2022A Bonds at a net purchase price of \$371,773,947.62 and the 2022B Bonds at a net purchase price of \$78,560,034.41. The 2022 Bonds were issued for valid corporate purposes of the District. The 2022A bonds were financed at an All-In True Interest Cost of 4.532723%. The 2022B bonds were financed at an All-In True Interest Cost of 3.166514%. The All-In True Interest Cost includes the cost of issuance.

In the preparation of this bond issue, we assisted the District in the development of the Preliminary Official Statement, advised on the timing, type and terms and conditions of this financing including assisting the District in the negotiating of interest rates and the Underwriters' compensation. We evaluated the proposed offer in light of current market conditions in the municipal credit market for similar type issues, maturities and credit profile. Our view is necessarily based on economic, market and other conditions as in effect on, and the information made available to us as of, the date hereof. It should be understood that subsequent developments may affect this view and that we do not have any obligation to update, revise, or reaffirm this view.

On the basis of and subject to the qualifications set forth herein, we are of the view that this offer is reasonable and consistent with prevailing municipal credit market conditions.

In giving our view, we have relied upon and assumed the accuracy and completeness of all information that was publicly available or was furnished to or discussed with us by the District and the Underwriters or otherwise reviewed by or for us, and we have not independently verified (nor have we assumed responsibility or liability for independently verifying) any such information or its accuracy or completeness. We are not legal, regulatory or tax experts and have relied on the assessments made by advisors to the District or the Underwriters with respect to such issues. We have further assumed that all material governmental, regulatory or other consents and approvals necessary for the sale of the 2022 Bonds have been or will be obtained.

This letter is provided to the District in connection with and for the purposes of its evaluation of the proposed sale of the 2022 Bonds. This view may not be disclosed, referred to, or communicated (in whole or in part) to any third party for any purpose except with our prior written approval.

Sincerely,

A handwritten signature in blue ink, appearing to read "Chaffin Snider", written over a light blue circular stamp.

Chaffin Snider
Director



BOARD OF DIRECTORS

Action Item

October 18, 2022

ITEM

Revised 2022 Corporate Operating Plan Expenditure Amount

PURPOSE

Approval of the Revised 2022 Expenditure Amount

FACTS

- a. The 2022 Corporate Operating Plan (COP), including an authorized expenditure amount of \$1,822.2 million, was approved by the Board of Directors on December 16, 2021.
b. The 2022 COP included estimated revenues and expenditures for operating within the Southwest Power Pool (SPP) Integrated Marketplace. The COP also included estimated fuel expenses based on dispatch modeling and resource planning performed by a collaboration of OPPD employees.
c. Actual operations and maintenance experience in 2022 included multiple unexpected expenditures:
- Due to elevated market pricing and operating interruptions from the Arbor Line derailment and forced outages, OPPD purchased more energy than was estimated, resulting in purchased power expenditures above the COP (\$86 million).
- Due to elevated market pricing and sustained market price volatility, OPPD incurred fuel expenses in excess of the COP (\$44 million).
d. Capital expenditures are projected to be less than the annual approved budget by \$70 million, primarily due to refined estimates and timelines related to the Power with Purpose projects.
e. It is estimated that the 2022 expenditures may exceed the 2022 COP by \$116.2 million. An incremental \$116.2 million above the original 2022 approved expenditures is \$1,938.4 million.
f. Off-system sales revenue is expected to exceed the COP and will mostly mitigate the unplanned additional expenditure impact due to elevated market pricing, helping to achieve the planned debt service coverage.

ACTION

Approval of the Revised 2022 Corporate Operating Plan Expenditure Amount of \$1,938.4 million.

RECOMMENDED:

DocuSigned by: Jeff Bishop
Jeffrey M. Bishop
Vice President and Chief Financial Officer

APPROVED FOR BOARD CONSIDERATION:

DocuSigned by: L. Javier Fernandez
L. Javier Fernandez
President and Chief Executive Officer

JMB: bjs
Attachments: Resolution



Yoder/Bishop

DRAFT
RESOLUTION NO. 6527

WHEREAS, in Resolution No. 6481, the Board of Directors approved the Omaha Public Power District's 2022 Corporate Operating Plan (COP) which includes projected expenditures for the District's operations, all phases of the District's Capital Expenditure Plan and the District's fuel needs, in the amount of \$1,822.2 million; and

WHEREAS, additional expenditures above the authorized amounts in the COP were incurred in 2022 due to elevated market pricing, Arbor Line derailment and forced outages, resulting in additional fuel and purchased power expenditures; and

WHEREAS, refined project estimates and completion timelines resulted in decreased 2022 capital expenditures for the Power with Purpose generation projects; and

WHEREAS, in accordance with the Nebraska Revised Statutes, Management seeks approval of a revised 2022 Corporate Operating Plan expenditure amount of \$1,938.4 million for the additional expenditures described in this resolution.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the Omaha Public Power District hereby approves the 2022 revised Corporate Operating Plan expenditure amount of \$1,938.4 million.



2022 Excess Expenditures Request



Executive Summary

- **Additional Expenditures Requested for Fuel and Purchased Power Expenditures:**
 - Requesting excess expenditures of \$116.2 million for an adjusted 2022 total of \$1,938.4 million
 - Purchased Power increase (+\$86 million) due to elevated market prices and operating interruptions
 - Fuel (+\$44 million) expenditures increased due to higher than planned pricing, partially offset by forced outages
 - Capital expenditure timing shifts and refined estimates, primarily due to delays in Power with Purpose projects (\$70 million), partially offsets increased Fuel & Purchased Power Expenditures,
- **2022 Year End Financial Outlook:**
 - Off-System Sales experienced favorable pricing (+\$106 million) due to the same market conditions that increased purchased power expenditures and balances 2022 financial outlook
 - Management is actively monitoring and managing the financial health of the District to deliver a 2.0 times Debt Service Coverage metric for 2022

2022 Expenditure Summary

2022 Year End Projection vs COP (\$s in 000's)

Expenditure	Current Projection	COP	Var.
Fuel Costs and Purchased Power	\$506,887	\$376,734	\$130,153
Non-Fuel Operations & Maintenance	435,562	426,660	8,902
Total Debt Service and Other Expenses	134,758	144,429	(9,671)
Payments in Lieu of Taxes	40,586	38,709	1,877
Capital Expenditures*	600,000	670,000	(70,000)
Regulatory Amortization	14,836	14,838	(2)
Decommissioning Expenditures**	149,804	150,870	(1,066)
TOTAL EXPENDITURES	\$1,882,433	\$1,822,240	\$60,193

- Items of Note:

- Current projections results in an estimated excess expenditure need of \$60.2 million
- Requesting \$116.2 million of additional expenditure authority (+10% general contingency +\$50M contingency for purchased power considerations)
- Current projections show OPPD exceeding board approved expenditures in December

*Capital Expenditures are shown net of Contributions in Aid of Construction.

**Decommissioning Expenditures represent expenditures related to Decommissioning activity, which differs from Decommissioning Funding.



Pre-Committee Agenda

SYSTEM MANAGEMENT & NUCLEAR OVERSIGHT
PRE-COMMITTEE MEETING
WEBEX VIDEOCONFERENCE
Oct 5, 2022, 4:00 – 5:00 P.M.

1. Safety Briefing – (Pohl – 2 min)
 - a. Objective: Promote awareness of current safety focus.
2. Nebraska City Station (NCS) Operational Update (Via – 35 min)
 - a. Objective: Discuss NCS Operational Project plans.
3. SD-7: Environmental Stewardship Monitoring Report (Bowers – 10 min)
 - a. Objective: Collect comments on the SD-7 Monitoring Report and discuss recommendation for approval.
4. Southwest Power Pool (SPP) Supply Adequacy Working Group (SAWG) Update (Underwood – 11 min)
 - a. Objective: Discuss recent topics in SPP's SAWG.
5. Summary of Committee Direction (Pohl – 2 min)
 - a. Objective: Summarize direction provided by the committee.



Board Action

BOARD OF DIRECTORS

October 18, 2022

ITEM

Award RFP No. 5993 Grading, Drainage, Entry road(s) and Miscellaneous Work for Greenfield Substation Site

PURPOSE

Authorization to award a contract for grading services of a greenfield substation site near Bennington, NE.

FACTS

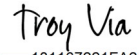
- a. Site grading will be performed at a greenfield site in preparation for a new 161 kV substation to support customer load growth in the region. Construction scope of work includes grading, seeding, soil stabilization, driveway installation, stormwater control and rock placement.
- b. Three (3) proposals were received. Three (3) proposals are legally responsive and two (2) proposals were deemed technically responsive.
- c. Grading will begin in October 2022 and conclude in December 2022.
- d. The proposal from Valley Corporation was evaluated as the lowest and most favorable bid.

ACTION

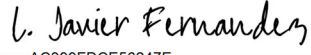
Authorization by the Board of Directors to award a grading contract to Valley Corporation based on the evaluation of RFP No. 5993 – “Grading, Drainage, Entry road(s) and Miscellaneous Work for Greenfield Substation Site” for the procurement of construction services as described above in the amount of \$2,777,387.74.

RECOMMENDED:

APPROVED FOR BOARD CONSIDERATION:

DocuSigned by:

 184467224FA24AE...

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

DocuSigned by:

 AG309FDGE56247E...

 L. Javier Fernandez
 President and Chief Executive Officer

TRV:pad

- Attachments: Analysis of Proposals
 Tabulation of Bids
 Legal Opinion
 Resolution



DATE: October 2, 2022

FROM: D. D. Buelt

TO: T.R. Via

RFP No. 5993

“Grading, Drainage, Entry road(s) and Miscellaneous Work for Greenfield Substation Site”

Analysis of Proposals

1.00 GENERAL

RFP No. 5993 was advertised for bid on August 16, 2022.

Contract scope includes mass grading of a greenfield site in preparation for the construction of a new substation near Bennington, NE to support customer load growth in the region.

Construction is scheduled to begin October 25, 2022, and conclude by December 30, 2022.

Three (3) Letters of Clarification (LOC) were issued to provide clarification on the geotechnical information, contractor responsibility for potential roadway damages and clarification on surcharge requirements requested by the bidders.

Proposals were requested and opened at 2:00 p.m., C.D.T., Tuesday, September 13, 2022.

Three (3) total proposals were received. The proposals received are summarized in the table below:

Bidder	Lump Sum Firm Price	Legally Responsive	Technically Responsive
Valley Corporation	\$ 2,777,387.74	Yes	Yes
Heimes Corp	\$ 2,894,489.50	Yes	No
Midwest Infrastructure, Inc.	\$3,396,481.39	Yes	Yes

October 2, 2022
Page 2 of 2

2.00 COMPLIANCE WITH CONTRACT TERMS AND GENERAL REQUIREMENTS

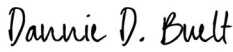
The District's legal counsel deemed all proposals legally responsive and all proposals could be considered by the District's Board of Directors for the award of this contract.

3.00 COMPLIANCE WITH TECHNICAL REQUIREMENTS



Two (2) proposals were deemed to be technically responsive. One (1) of the proposals was deemed technically non-responsive. The proposal submitted by Heimes Corp. was deemed technically non-responsive due to not meeting guaranteed completion dates outlined in the contract.

4.00 RECOMMENDATION

On the basis of compliance with the legal and technical requirements of the specifications, cost evaluations performed, guaranteed completion dates, and historical satisfactory performance with OPPD, it is recommended that RFP No. 5993 be awarded to Valley Corporation for the evaluated amount of Two million, Seven Hundred Seventy-Seven Thousand, Three Hundred Eighty-Seven Dollars and Seventy-Four cents (\$ 2,777,387.74).

DocuSigned by:

6DD7614246BB4DE...

Dannie Buelt, P.E.
Director Engineering
Utility Operations

<p>TABULATION OF BIDS Opened at 2:00 p.m., C.D.T., Tuesday, September 13, 2022, in Omaha, Nebraska</p>	<p align="center">REQUEST FOR PROPOSAL NO. 5993 Grading, Drainage, Entry road(s) and Miscellaneous Work for Greenfield Substation Site</p>			<p align="center"> <small>DocuSigned by:</small>  <small>C171422F78EE422</small> Director Supply Chain Management <small>DocuSigned by:</small>  <small>DF3750864D43E</small> Compiled by and Certified Correct </p>		
<p>Anticipated Award Date October 20, 2022</p>				<p align="center">BIDDER'S NAME & ADDRESS</p>		
<p>Engineers Estimate \$3,768,000.00</p>				<p align="center">Valley Corporation 28001 Ida Circle, PO Box 389 Valley, NE 68064</p>	<p align="center">Heimes Corp 9144 S 147th Street Omaha, NE 68138</p>	<p align="center">Midwest Infrastructure, Inc. 5320 N. 148 Street Lincoln, NE 68527</p>
<p align="center">BID ITEM</p>	<p align="center">SUPPLIER'S BID</p>	<p align="center">SUPPLIER'S BID</p>	<p align="center">SUPPLIER'S BID</p>			
<p>1. Price Proposal: a. Section V Total Price (Combined Sum of extended Unit Prices for Items 1-20* in Section V) on Page 21</p>	<p align="center">\$2,777,387.74</p>	<p align="center">\$2,894,489.50</p>	<p align="center">\$3,396,481.39</p>			
<p>2. Completion Guarantee:</p>	<p align="center"><u>Guaranteed Completion Date</u></p>	<p align="center"><u>Guaranteed Completion Date</u></p>	<p align="center"><u>Guaranteed Completion Date</u></p>			
<p>Material Submittals and Final Project Schedule Submitted to OPPD: Tuesday, October 25, 2022</p>	<p align="center"><u>10/25/2022</u></p>	<p align="center"><u>October 31st, 2022</u></p>	<p align="center"><u>10/25/2022</u></p>			
<p>Site Mobilization/ BMP Installation: Tuesday, October 25, 2022</p>	<p align="center"><u>10/25/2022</u></p>	<p align="center"><u>November 4th, 2022</u></p>	<p align="center"><u>10/25/2022</u></p>			
<p>All Grading Complete: Thursday, December 22, 2022</p>	<p align="center"><u>12/22/2022</u></p>	<p align="center"><u>July 1st, 2023</u></p>	<p align="center"><u>12/22/2022</u></p>			
<p>Punchlist complete: Thursday, December 29, 2022</p>	<p align="center"><u>12/29/2022</u></p>	<p align="center"><u>September 31st, 2023</u></p>	<p align="center"><u>12/29/2022</u></p>			
<p>Guaranteed Project Substantial Completion and Surcharge Complete Desired Date: Friday, December 30, 2022</p>	<p align="center"><u>12/30/2022</u></p>	<p align="center"><u>August 31st, 2023</u></p>	<p align="center"><u>12/30/2022</u></p>			

FRASER STRYKER

PC LLO

LAWYERS

500 ENERGY PLAZA

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OMAHA, NEBRASKA 68102-2663

TELEPHONE 402.341.6000

FAX 402.341.8290

WWW.FRASERSTRYKER.COM

STEPHEN M. BRUCKNER
DIRECT DIAL: 402.978.5225
SBRUCKNER@FRASERSTRYKER.COM

September 21, 2022

Omaha Public Power District
444 South 16th Street
Omaha, NE 68102

RE: Request for Proposal No. 5993 – Grading, drainage, entry road work for Greenfield Substation

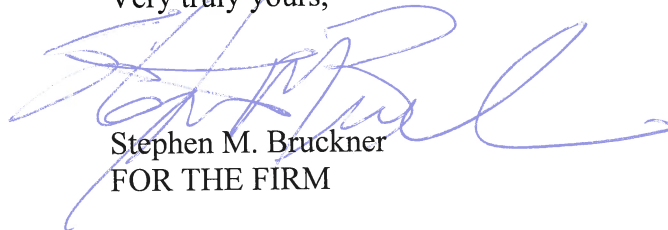
Ladies and Gentlemen:

We have reviewed the three (3) proposals received in response to the District's RFP No. 5993 and provide the following legal opinion.

The proposal of Midwest Infrastructure, Inc. submits clarifications that must be evaluated by the District. The other two proposals do not have any clarifications or exceptions to the contract documents.

Subject to the foregoing comments and the District's technical and economic evaluation, all of the proposals received in response to the District's RFP No. 5993 may be considered by the District's Board of Directors for the award of this contract. The form of performance and payment bond for the successful bidder also must be approved by the Board.

Very truly yours,



Stephen M. Bruckner
FOR THE FIRM

SMB/sac
2887470



Williams/Via

DRAFT
RESOLUTION NO. 6528

WHEREAS, sealed bids were requested and advertised, as required by law, for the following:

REQUEST FOR PROPOSAL (RFP) NO. 5993
GRADING, DRAINAGE, ENTRY ROAD(S) AND MISCELLANEOUS WORK
FOR GREENFIELD SUBSTATION SITE

WHEREAS, bids were received and opened at the time and place mentioned in the published notices and the Director – Supply Chain Management supervised the tabulations, which have been submitted to this Board; and

WHEREAS, the Board of Directors has carefully considered the bids submitted, as well as the recommendations of the District's Management and General Counsel.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Omaha Public Power District that the proposal of Valley Corporation in the amount of \$2,777,387.74 for the procurement of construction services pursuant to Request for Proposal No. 5993 is hereby accepted, and the form of payment and performance bond of such bidder is approved.



Board Action

BOARD OF DIRECTORS

October 18, 2022

ITEM

Nebraska City Station Unit 2 Economizer Upper Bank Replacement Labor

PURPOSE

Issue labor services contract for the replacement of the economizer upper bank tubing assemblies for the Nebraska City Station Unit 2 boiler.

FACTS

- a. The upper bank of the economizer tubing of the Nebraska City Station Unit 2 boiler has been evaluated and will be replaced to maintain unit reliability.
- b. The District requested bids for the removal and installation of replacement materials. Three bids were received and all bids were determined to be legally responsive. One bid was determined to be technically non-responsive.
- c. Installation of OPPD supplied materials will be performed in the spring of 2023 during a scheduled maintenance outage.

ACTION

Authorization by the Board of Directors to award a contract to Total-Western, Inc. to replace the economizer upper bank tubing assemblies for the Nebraska City Station Unit 2 boiler in the amount of \$1,562,054.

RECOMMENDED:

DocuSigned by:
Troy Via
181167221FA24AE...

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

APPROVED FOR BOARD CONSIDERATION:

DocuSigned by:
L. Javier Fernandez
AC399FDCE56247E...

L. Javier Fernandez
President and Chief Executive Officer

TRV:sae

- Attachments: Letter of Recommendation
 Tabulation of Bids
 Legal Opinion
 Resolution
 Photo



MEMORANDUM

DATE: September 30, 2022

UO-2022-010

FROM: S. A. Eidem

TO: T. R. Via

SUBJECT: Nebraska City Station Unit 2 Economizer Upper Bank Replacement Labor

1.00 GENERAL

Request for Proposal (RFP) No. 5978 is for the labor, equipment, rigging, and scaffolding services contract to replace the economizer upper bank tubing assemblies of the Nebraska City Station Unit 2 (NC2) boiler. This contract is for labor services only and does not include the design and supply of materials. A material supply contract for the economizer tubing assemblies was previously awarded to Boiler Tube Company of America per Board Resolution 6505 for \$1,346,000. Installation is planned to occur during the scheduled unit outage in the spring of 2023.

The NC2 economizer is original equipment and has been in service since commercial operation starting in 2009. The economizer upper bank tubing assemblies were evaluated and require replacement to maintain unit reliability.

Three proposals were submitted per the sealed bid process and opened in response to the RFP on September 8, 2022. The Engineer's Estimate for this work was \$2,600,000. The bid prices are tabulated as follows:

Bidders	Bid Price
Total-Western, Inc.	\$1,562,054.00
TEiC Construction Services, Inc.	\$1,688,462.00
IHI Energy Solutions, Inc.	\$2,392,000.00

2.00 COMPLIANCE WITH CONTRACT TERMS AND CONDITIONS

The proposals were referred to the District's legal counsel for review. The proposals received in response to the District's RFP No. 5978 may be

considered by the District's Board of Directors for the award of this contract.

3.00 COMPLIANCE WITH TECHNICAL REQUIREMENTS

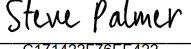
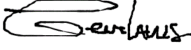
The IHI Energy Solutions, Inc. proposal was determined to be technically non-responsive. The remaining two proposals received were determined to comply with the technical requirements and were economically evaluated.

4.00 RECOMMENDATION

Based on compliance with legal and technical requirements of this specification, it is recommended the Board of Directors authorize award of Request for Proposal No. 5978 to Total-Western, Inc. for \$1,562,054.

Scott A. Eidem

S. A. Eidem, P.E.
Director, Engineering Services
Utility Operations

<p align="center">TABULATION OF BIDS Opened at 2:00 p.m., C.D.T., Thursday, September 8, 2022, in Omaha, Nebraska</p>		<p align="center">REQUEST FOR PROPOSAL NO. 5978</p> <p align="center">Nebraska City Station Unit 2 Economizer Upper Bank Installation</p>			<p align="right">DocuSigned by:  C171422F76EE422... Director</p>
<p align="center">Anticipated Award Date October 20, 2022</p>					<p align="right">Supply Chain Management  5EC5B86907EE4F6 Compiled by and Certified Correct</p>
<p align="center">ENGINEER'S ESTIMATE</p> <p align="center"><u>\$2,600,000.00</u></p>					
<p align="center">BID ITEM</p>		BIDDER'S NAME & ADDRESS			
		<p align="center">Total-Western, Inc 8049 Somerset Blvd Paramount, CA 90723</p>	<p align="center">TEiC Construction Service, Inc 170 Tucapau, Rd Ducan, SC 29334</p>	<p align="center">IHI Energy Solutions 15377 Memorial Drive, Suite 300 Houston, TX 77079</p>	
		SUPPLIER'S BID	SUPPLIER'S BID	SUPPLIER'S BID	
1.	<p><u>Proposal Price(S)</u></p> <p>Lump Sum Firm Price</p>	<p><u>\$1,562,054.00</u></p>	<p><u>\$1,688,462.00</u></p>	<p><u>\$2,392,000.-*</u></p>	
2.	<p><u>Completion Guarantee(s)</u></p> <p>Boiler Pressure Part Work: May 16, 2023, 1700 hour</p> <p>Boiler Work: May 17, 2023, 1700 hour</p>	<p><u>Guaranteed Completion Date</u></p> <p><u>May 16, 2023; 1700 Hour</u></p> <p><u>May 17, 2023; 1700 Hour</u></p>	<p><u>Guaranteed Completion Date</u></p> <p><u>May 16, 2023; 1700 Hour</u></p> <p><u>May 17, 2023; 1700 Hour</u></p>	<p><u>Guaranteed Completion Date</u></p> <p><u>May 16, 2023; 1700 Hour</u></p> <p><u>May 17, 2023; 1700 Hour</u></p>	

* The actual number read at the bid opening was \$2,392,000.00



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LAWYERS

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STEPHEN M. BRUCKNER
DIRECT DIAL: 402.978.5225
SBRUCKNER@FRASERSTRYKER.COM

September 13, 2022

Omaha Public Power District
444 South 16th Street
Omaha, NE 68102

RE: Request for Proposal No. 5978 – Nebraska City Station Unit 2
Economizer Upper Bank Installation

Ladies and Gentlemen:

We have reviewed the three (3) proposals received in response to the District's RFP No. 5978 and provide the following legal opinion.

The proposal of TEiC Construction Services includes clarifications to the liquidated damages and liability limitation terms of the contract documents. These clarifications are subject to the District's economic evaluation.

The proposal of Total-Western, Inc. submits exceptions to pricing and payment, warranty and insurance provisions in the contract documents. These exceptions are subject to the District's economic evaluation.

The proposal of IHI Energy Solutions, Inc. includes technical clarifications that must be evaluated by the District, as well as commercial exceptions regarding liquidated damages and warranty that are subject to the District's economic evaluation.

Subject to the foregoing comments and the District's technical and economic evaluations, all of the proposals received in response to the District's RFP No. 5978 may be considered by the District's Board of Directors for the award of this contract. The form of performance and payment bond for the successful bidder also must be approved by the Board.

Very truly yours,

Stephen M. Bruckner
FOR THE FIRM

SMB:sac
2882983 v1



Williams/Via

DRAFT
RESOLUTION NO. 6529

following: **WHEREAS**, sealed bids were requested and advertised, as required by law, for the

REQUEST FOR PROPOSAL (RFP) NO. 5978
NEBRASKA CITY STATION UNIT 2
ECONOMIZER UPPER BANK INSTALLATION LABOR

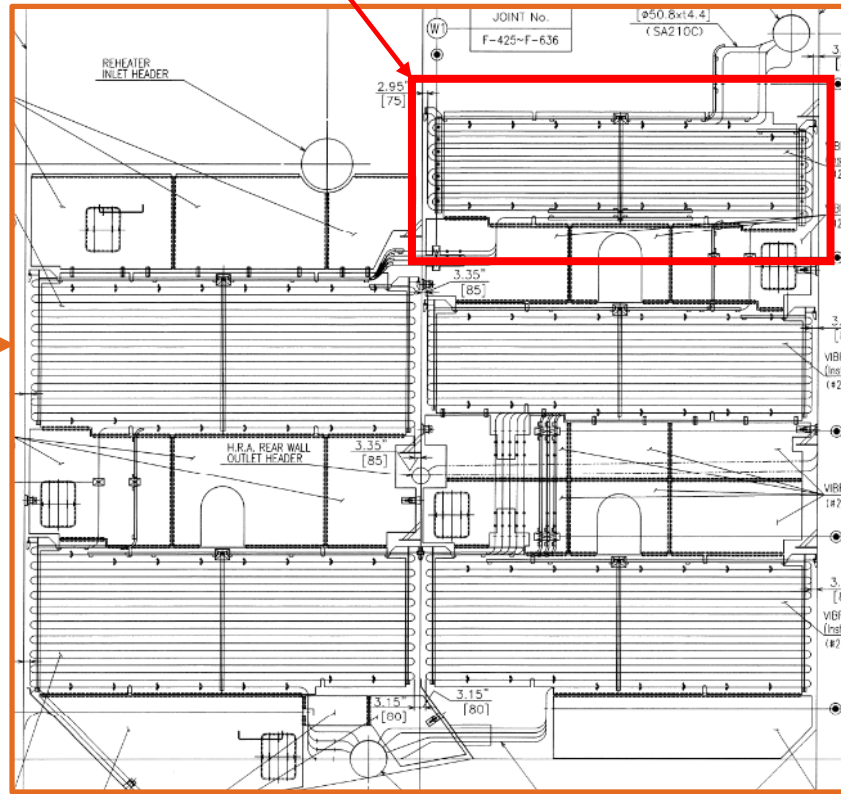
WHEREAS, bids were received and opened at the time and place mentioned in the published notices and the Director – Supply Chain Management supervised the tabulations, which have been submitted to this Board; and

WHEREAS, the Board of Directors has carefully considered the bids submitted, as well as the recommendations of the District’s Management and General Counsel.

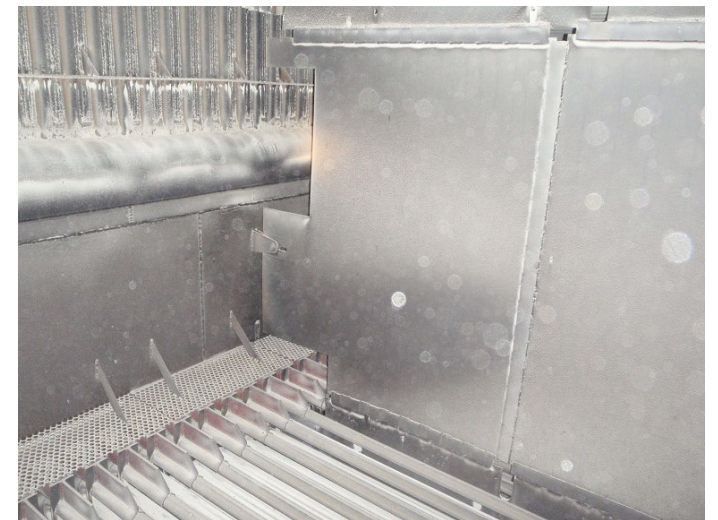
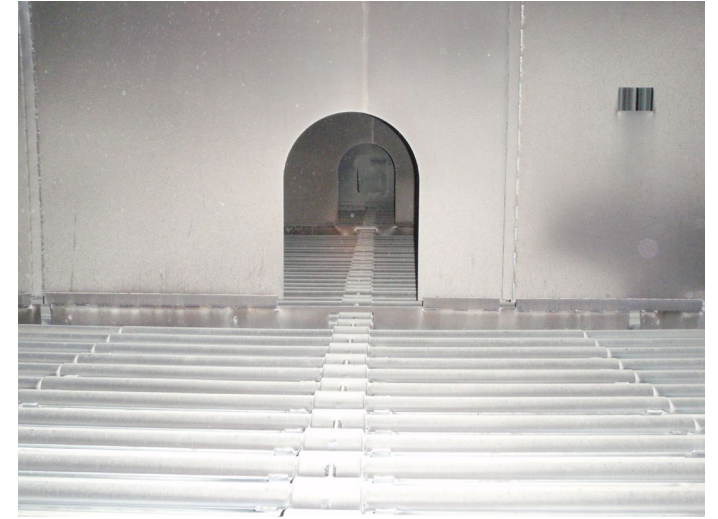
NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Omaha Public Power District that the proposal of Total-Western, Inc. in the amount of \$1,562,054.00 for labor services to replace the economizer upper bank tubing assemblies for the Nebraska City Station Unit 2 boiler pursuant to Request for Proposal No. 5978 is hereby accepted, and the form of payment and performance bond of such bidder is approved.

Nebraska City Station Unit 2 Economizer Upper Bank Replacement

Upper Bank Replacement Section



Economizer Cross Section



Nebraska City Station Unit 2 Boiler



Board Action

BOARD OF DIRECTORS

October 18, 2022

ITEM

Nebraska City Station Unit 1 steam turbine intercept valve bonnet assembly materials and services

PURPOSE

Provide material and services to repair or replace the steam turbine intercept valve bonnet assemblies for Nebraska City Station Unit 1.

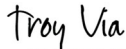
FACTS

- a. The Nebraska City Station Unit 1 steam turbines intercept valve bonnet assemblies wear has increased the risk for safe and reliable unit operation and require repair or replacement.
- b. The steam turbine intercept valve bonnet assemblies are original equipment and are not readily available replacement materials. Repair and replacement options are being reviewed with the original equipment manufacturer.
- c. The District's engineer has certified the use of the sealed bid process is impractical and not in the public's interest due to the technologically complex and unique design of the intercept valve assemblies.


ACTION

Approval of the Engineer's Certification and authorization by management to negotiate and enter into a contract or contracts with Siemens Energy, Inc. for the supply of materials and services for repair or replacement of the steam turbine intercept valve bonnet assemblies for Nebraska City Station Unit 1.

RECOMMENDED:

DocuSigned by:

181187221FA24AE...
 Troy R. Via
 Chief Operating Officer and Vice
 President – Utility Operations

APPROVED FOR BOARD CONSIDERATION:

DocuSigned by:

AC399FDCE56247E...
 L. Javier Fernandez
 President and Chief Executive Officer

TRV:sae

Attachment: Letter of Recommendation
Engineer's Certificate
Legal Opinion
Resolution

DATE: September 30, 2022

UO-2022-011

FROM: S. A. Eidem

TO: T. R. Via

SUBJECT: Nebraska City Station Unit 1 steam turbine intercept valve bonnet assembly materials and services

1.0 GENERAL

Siemens Energy, Inc. (Siemens) is the original equipment manufacturer (OEM) of the Nebraska City Station Unit 1 (NC1) steam turbine and the associated four steam turbine intercept valves (IV). The IV are original equipment and have been in service for the life of the unit. During the scheduled spring 2022 outage, noticeable wear was discovered on all four of the IV bonnet liners. Operational cycling of the IV over the service life has worn away the hardened nitride layer of the bonnet liner and created a groove with the potential to interfere with proper valve operation. Interim repairs were completed on the IV at that time to allow continued operation. On September 9, 2022, the IV bonnet liners were inspected during a forced outage per OEM recommendations. The inspection resulted in Siemens recommending additional repair or replacement of the IV bonnet assemblies, ideally by the end of 2022.

Siemens is the only available source of supply for the IV bonnets due to the technologically complex and unique design of the IV bonnet assemblies. Additionally, it is important to address this risk to safe and reliable unit operation in a timely manner.

Therefore, it is impractical and not in the public's interest to utilize the sealed bid process. Direct negotiations with the OEM to supply the IV bonnet assemblies allows the District staff to efficiently determine the best repair or replacement solution balancing technical requirements, value, schedule and risk mitigation.

2.0 RECOMMENDATION

An Engineer's Certificate of the above has been prepared. Approval of that Certification is recommended. We request the Board of Directors to approve the Engineer's Certification and to authorize management to negotiate and enter into a contract with Siemens Energy, Inc. for the repair or replacement of the IV bonnet assemblies for Nebraska City Station Unit 1.



S. A. Eidem, P.E.
Director, Engineering Services
Energy Production and Nuclear Decommissioning

ENGINEER'S CERTIFICATE

The Omaha Public Power District's (OPPD) Nebraska City Unit 1 (NC1) steam turbine intercept valve (IV) bonnet liners were found to have wear during the scheduled outage in April 2022, which significantly increases the risk of valve sticking. Minor repairs were made with the original equipment manufacturer (OEM), Siemens Energy (Siemens), to mitigate the risk of additional wear and valve misoperation.

On September 9, 2022, the IV bonnet liners were inspected by Siemens during an unplanned outage of NC1 to evaluate if the initial repairs mitigated the risk of additional wear and valve sticking. The inspection confirmed additional wear and the repairs did not mitigate the wear or overall risk, and Siemens recommends repair or replacement of the IV bonnet assemblies by the end of 2022.

The undersigned, a Nebraska professional engineer employed by the OPPD, certifies the following:

- The repair or replacement of the IV bonnet liner assemblies requires special tooling, manufacturing capability, and extensive turbine engineering knowledge. As the OEM, Siemens has the tooling, manufacturing capability, and engineering knowledge to conduct a repair or replacement of NC1 intercept valve bonnet assemblies.
- Siemens, as the OEM, is the only available source of supply for the IV bonnet assemblies due to the technologically complex and unique design of the IV bonnet assemblies.
- Additionally, it is important to address this reliability and safety risk to NC1 in a timely manner.

Pursuant to Section 70-637 of the Revised Statutes of Nebraska, the Board of Directors is requested to approve this Engineer's Certificate and authorize management to negotiate and enter into a contract with Siemens, the original equipment manufacturer, for the repair or replacement of the NC1 intercept valve bonnet assemblies without compliance with the sealed bidding requirements of Sections 70-637 to 70-641 of the Revised Statutes of Nebraska.

I, Brian J. Langel (registered Professional Engineer in the State of Nebraska), certify the above to be true and correct to the best of my knowledge and belief.


Brian J. Langel, P.E.



10/3/22
Date



FRASER STRYKER

PC LLO

LAWYERS

500 ENERGY PLAZA
409 SOUTH 17TH STREET
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TELEPHONE 402.341.6000
TELEFAX 402.341.8290
WWW.FRASERSTRYKER.COM

STEPHEN M. BRUCKNER
DIRECT DIAL: 402.978.5225
SBRUCKNER@FRASERSTRYKER.COM

September 30, 2022

Omaha Public Power District
444 South 16th Street
Omaha, NE 68102

RE: Nebraska City Station Unit 1 - Engineer's Certification for steam turbine intercept valve bonnet liners

Ladies and Gentlemen:

We have reviewed the Engineer's Certification of Brian J. Langel, P.E., a registered professional engineer in the State of Nebraska employed by the District. The Certification states that it is necessary to repair and/or replace steam turbine intercept valve ("IV") bonnet liners at Nebraska City Station Unit 1 ("NC1"). The Certification further states that Siemens Energy, the original equipment manufacturer for NC1, is the only available source of supply for the IV bonnet liner assemblies due to the technologically complex and unique design of this equipment.

Section 70-637(6) of the Nebraska Revised Statutes authorizes the District's Board of Directors, by a two-thirds vote, to approve an Engineer's Certification to purchase replacement parts or services for any generating unit from the original manufacturer of such equipment upon certification that such manufacturer is the only available source of supply for such replacement parts or services and that such purchase is in compliance with standards established by the board. After receipt of such Certification, but not necessarily before Board review, the District is required to advertise notice of such purchase once a week for at least three consecutive weeks in one or more newspapers of general circulation in the District's service area.

It is our opinion that Mr. Langel's Engineer's Certification complies with Section 70-637 and is in a form that is appropriate for approval by the District's Board of Directors. Therefore, the Board of Directors may approve the Engineer's Certification and authorize Management to negotiate and enter into the necessary contract with Siemens Energy, the original equipment manufacturer, for the NC1 steam turbine intercept valve bonnet assemblies. We recommend that any such contract be subject to review and approval by the District's General Counsel.

Very truly yours,

Stephen M. Bruckner
FOR THE FIRM



Williams/Via

RESOLUTION NO. 6530

WHEREAS, the Nebraska City Station Unit 1 (“NC1”) steam turbine and the associated four steam turbine intercept valves were inspected and it was found that all four of the steam turbine intercept valves were in need of repair or replacement of the IV bonnet assemblies; and

WHEREAS, the District’s Engineer has certified that the original equipment manufacturer, Siemens Energy, Inc. (“Siemens”), is the only available source of supply for the IV bonnets due to the technologically complex and unique design of the IV bonnet assemblies; and

WHEREAS, pursuant to Nebraska Revised Statute Section 70-637 (as amended), and upon approval of the Engineer’s Certification by the Board of Directors, the District may negotiate and enter into a contract or contracts related to such project without sealed bidding.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Omaha Public Power District that:

1. The Engineer’s Certification that Siemens, the original equipment manufacturer, is the only available source of supply for the parts and technical expertise needed to repair or replace the IV bonnet assemblies for the NC1 steam turbine is hereby approved.

2. Management is hereby authorized and directed to negotiate and enter into the necessary contract or contracts with Siemens to supply parts and specialized services for the repair or replacement of the IV bonnet assemblies for the NC1 steam turbine, subject to review and approval of the final contract(s) by the District’s General Counsel.

3. The notice required by Nebraska Revised Statutes Section 70-637 shall be published in the Omaha World Herald, or other similar newspaper of general circulation.



Board Action

BOARD OF DIRECTORS

October 18, 2022

ITEM

Sarpy County Station Unit 4A Power Turbine Repairs

PURPOSE

Provide services to repair Sarpy County Station Unit 4A power turbine.

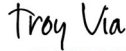
FACTS

- a. The Sarpy County Station Unit 4 was inspected in September, 2022 and the 'A' power turbine was found to have damage requiring repairs.
- b. The equipment has been removed from service, reducing the unit's output capacity and system reliability function capability by half, until repaired.
- c. The needed refurbishment, design modification, and repair work is proprietary and only the original equipment manufacturer (OEM), Mitsubishi Power Aero LLC, is known to have the tooling, proprietary parts, and expertise to perform the necessary repairs.
- d. The District's engineer has certified the proprietary nature of the work and that the OEM is the only available source of supply for this work.


ACTION

Approval of the Engineer's Certificate and authorization for Management to negotiate and enter into a contract with Mitsubishi Power Aero LLC for repair of the Sarpy County Station Unit 4A power turbine.

RECOMMENDED:

DocuSigned by:

 181187221FA24AE...
 Troy R. Via
 Vice President – Utility Operations and
 Chief Operating Officer

APPROVED FOR BOARD CONSIDERATION:

DocuSigned by:

 AC399FDCE58247E...
 L. Javier Fernandez
 President and Chief Executive Officer

TRV:bjl

Attachments: Letter of Recommendation
 Engineer's Certificate
 Legal Opinion
 Resolution



MEMORANDUM

DATE: October 13, 2022

EPND-2022-012

FROM: S. A. Eidem

TO: T. R. Via

SUBJECT: Sarpy County Station Unit 4 "A" Power Turbine Repairs

1.0 GENERAL

OPPDP utilizes regular internal inspections to detect conditions that, if not addressed, could lead to catastrophic failure of major components. Sarpy County Station Unit 4 (SC4) was removed from service in late September 2022 to perform this planned internal inspection. The inspection revealed the 'A' power turbine to be in a degraded condition requiring removal from service to avoid further damage according to the original equipment manufacturer (OEM) recommendations.

SC4 is limited to half output capacity until the 'A' power turbine is repaired and reinstalled. The power turbine is planned to be sent to the OEM, Mitsubishi Power Aero LLC (formerly Pratt & Whitney Power Systems, Inc.), for disassembly, evaluation and refurbishment. Additionally, recommended upgrades per existing service bulletins will be completed as part of the scope of work to mitigate the reliability risk of other known issues with this equipment.

OPPDP relies upon the fully rated generation capacity output from Sarpy County Station Unit 4 to meet our obligations within the Southwest Power Pool integrated market as well as support local system reliability. Until the power turbine is repaired, the unit can only operate at half capacity, approximately 24 MW. Following repairs to the power turbine, the unit will be returned to service at full capacity.

Compliance with the sealed bidding requirements of the Nebraska Statutes is impractical and not in the public's best interest. Mitsubishi Power Aero LLC, the original equipment manufacturer, has proprietary information regarding repair of these components. They are the only vendor with the

tooling, proprietary parts, and technical expertise to perform the necessary repairs.

2.0 RECOMMENDATION

An Engineer's Certificate of the above statements has been prepared. Approval of that Certification is recommended. We request the Board of Directors to approve the Engineer's Certification and to authorize management to negotiate a sole source contract with Mitsubishi Power Aero LLC for the repair of the SC4 'A' power turbine.

Scott A. Eidem

S. A. Eidem, P.E.
Director, Engineering Services
Utility Operations

ENGINEER'S CERTIFICATION

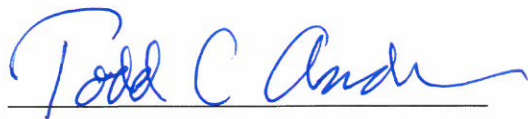
Sarpy County Station Unit 4 was taken out of service for routine inspection on September 21st 2022. During the inspection, it was discovered that damage on the 4th stage outer air seals of the 'A' power turbine was in a degraded condition for which the original equipment manufacturer (OEM), Mitsubishi Power Aero LLC (Mitsubishi), recommends removal from service to avoid further damage and make necessary repairs. To prevent catastrophic failure and follow OEM recommendations, the power turbine has been removed from service and needs to be fully inspected and repaired. As long as the power turbine is out of service, Sarpy County Unit No. 4 will only be able to generate electricity at half capacity.

The undersigned, a Nebraska professional engineer employed by the Omaha Public Power District certifies the following:

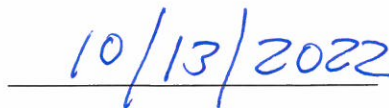
- The repair of the power turbine requires special tooling, proprietary parts, and technical expertise. As the OEM, Mitsubishi (formerly Pratt & Whitney Power Systems, Inc.) has the tooling, proprietary parts, technical expertise to properly repair the equipment
- Mitsubishi, as the OEM, is the only available source of supply for these repairs due to the technologically complex and proprietary design of the equipment
- Additionally, it is important to address reliability risk in a timely manner to restore Sarpy County Unit 4 to full capacity

Pursuant to Section 70-637 of the Revised Statutes of Nebraska, the Board of Directors is requested to approve this Engineer's Certificate and authorize management to negotiate and enter into a contract with Mitsubishi Power Aero LLC to repair the Sarpy County Station Unit No. 4 'A' power turbine without compliance with the sealed bidding requirements of Sections 70-637 to 74-641 of Revised Statutes of Nebraska.

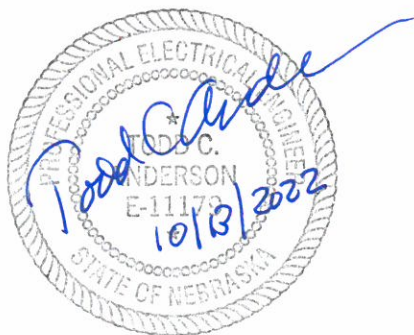
I, Todd C. Anderson (registered Professional Engineer in the State of Nebraska), certify the above to be true and correct to the best of my knowledge and belief.



Todd C. Anderson, P.E.



Date





FRASER STRYKER

PC LLO

LAWYERS

500 ENERGY PLAZA
409 SOUTH 17TH STREET
OMAHA, NEBRASKA 68102-2663
TELEPHONE 402.341.6000
TELEFAX 402.341.8290
WWW.FRASERSTRYKER.COM

STEPHEN M. BRUCKNER
DIRECT DIAL: 402.978.5225
SBRUCKNER@FRASERSTRYKER.COM

October 13, 2022

Omaha Public Power District
444 South 16th Street
Omaha, NE 68102

RE: Engineer's Certification for repair of Sarpy County Station Unit No. 4 power turbine

Ladies and Gentlemen:

We have reviewed the Engineer's Certification of Todd C. Anderson, P.E., a professional engineer employed by the District. Mr. Anderson's Engineer's Certification explains that Sarpy County Station Unit No. 4 was inspected in September 2022 and found to have damage on the fourth stage outer air seals of the 'A' power turbine.

Mr. Anderson's Engineer's Certification certifies that Mitsubishi Power Aero LLC (formerly, Pratt & Whitney Power Systems, Inc.) ("Mitsubishi") is the original equipment manufacturer for the Unit No. 4 and is the only available source of supply for the parts and services needed to repair the power turbine. He further certifies that Mitsubishi has proprietary information, tooling, parts, and technical expertise that make it the only available source for the performance of the necessary repairs.

Section 70-637(6) of the Nebraska Revised Statutes authorizes the District to purchase replacement parts or services for generating units from original equipment manufacturers without advertising for sealed bids, upon appropriate certification by an engineer for the District. In our opinion, Mr. Anderson's Engineer's Certification meets the requirements of Section 70-637(6) and may be approved by the Board of Directors.

Section 70-637(6) requires that a written statement containing the Engineer's Certification and a description of the purchase from the original equipment manufacturer must be submitted to the District's Board of Directors for approval at the next scheduled meeting of the Board. After receipt of the Certification, but not necessarily before the Board review, the District must publish notice of such purchase once a week for at least three (3) consecutive weeks in one or more newspapers of general circulation in the District and in any other periodicals that may have been selected by the Board.

October 13, 2022

Page 2

The District may proceed to complete this sole source purchase subject to compliance with Section 70-637(6) as outlined above. We recommend review and approval of the contract with the manufacturer by the District's General Counsel.

Very truly yours,



Stephen M. Bruckner
FOR THE FIRM

SMB/sac
2898655



Williams/Via

DRAFT
RESOLUTION NO. 6531

WHEREAS, the Sarpy County Station Unit 4 (“SC4”) was inspected and damage on the “A” power turbine was found to require repair to enable the unit to operate at full capacity; and

WHEREAS, the District’s Engineer has certified that the original equipment manufacturer, Mitsubishi Power Aero LLC (“Mitsubishi”), is the only available source of supply for these repairs due to the technologically complex and proprietary design of the equipment; and

WHEREAS, pursuant to Nebraska Revised Statute Section 70-637 (as amended), and upon approval of the Engineer’s Certification by the Board of Directors, the District may negotiate and enter into a contract or contracts related to such project without sealed bidding.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Omaha Public Power District that:

1. The Engineer’s Certification that Mitsubishi, the original equipment manufacturer, is the only available source of supply for the parts and technical expertise needed to repair the SC4 “A” power turbine is hereby approved.
2. Management is hereby authorized and directed to negotiate and enter into the necessary contract or contracts with Mitsubishi to supply parts and specialized services for the repair of the SC4 “A” power turbine, subject to review and approval of the final contract(s) by the District’s General Counsel.
3. The notice required by Nebraska Revised Statutes Section 70-637 shall be published in the Omaha World Herald, or other similar newspaper of general circulation.



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

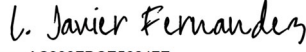
The System Management and Nuclear Oversight Committee recommends Board approval of the SD-7: Environmental Stewardship Monitoring Report.

RECOMMENDED:

DocuSigned by:

 181167221FA22AE...
 Troy R. Via
 Vice President – Utility Operations and
 Chief Operating Officer

APPROVED FOR BOARD CONSIDERATION:

DocuSigned by:

 AC399FDCE56247E...
 L. Javier Fernandez
 President and Chief Executive Officer

Attachments: Exhibit A – Monitoring Report
Resolution



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.

Your Energy Partner™ OPPD Omaha Public Power District		OMAHA PUBLIC POWER DISTRICT Board Policy	Category:	Strategic Direction
		Policy No. and Name: SD-7: Environmental Stewardship	Monitoring Method:	System Management and Nuclear Oversight Committee Board Report
		Date of Approval: October 15, 2015 November 15, 2018 November 14, 2019 May 20, 2021 September 22, 2022	Frequency:	Annually
			Resolution No.:	6082 6289 6347 6434 6525

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.

Therefore, OPPD shall:

- Operate in an environmentally responsible manner and strive for the continuous improvement of its environmental performance.
- Conduct all of its operations (including operations such as building services and transportation) 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 its 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 advance OPPD's environmental interest.

• [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.](#)

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.

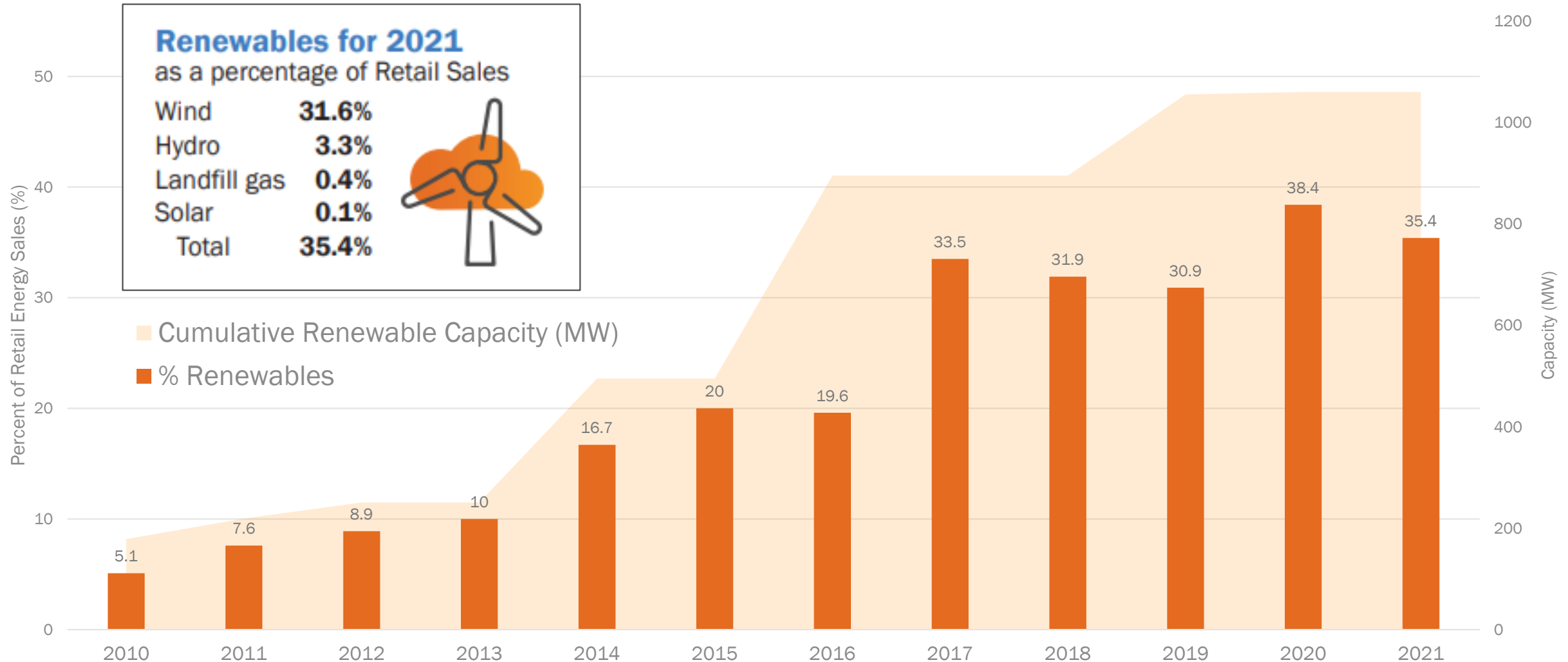


Engage customers and stakeholders to promote energy conservation and efficiency and minimize environmental impact.



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

Environmental Responsibility and Performance: OPPD Renewables Over Time



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.

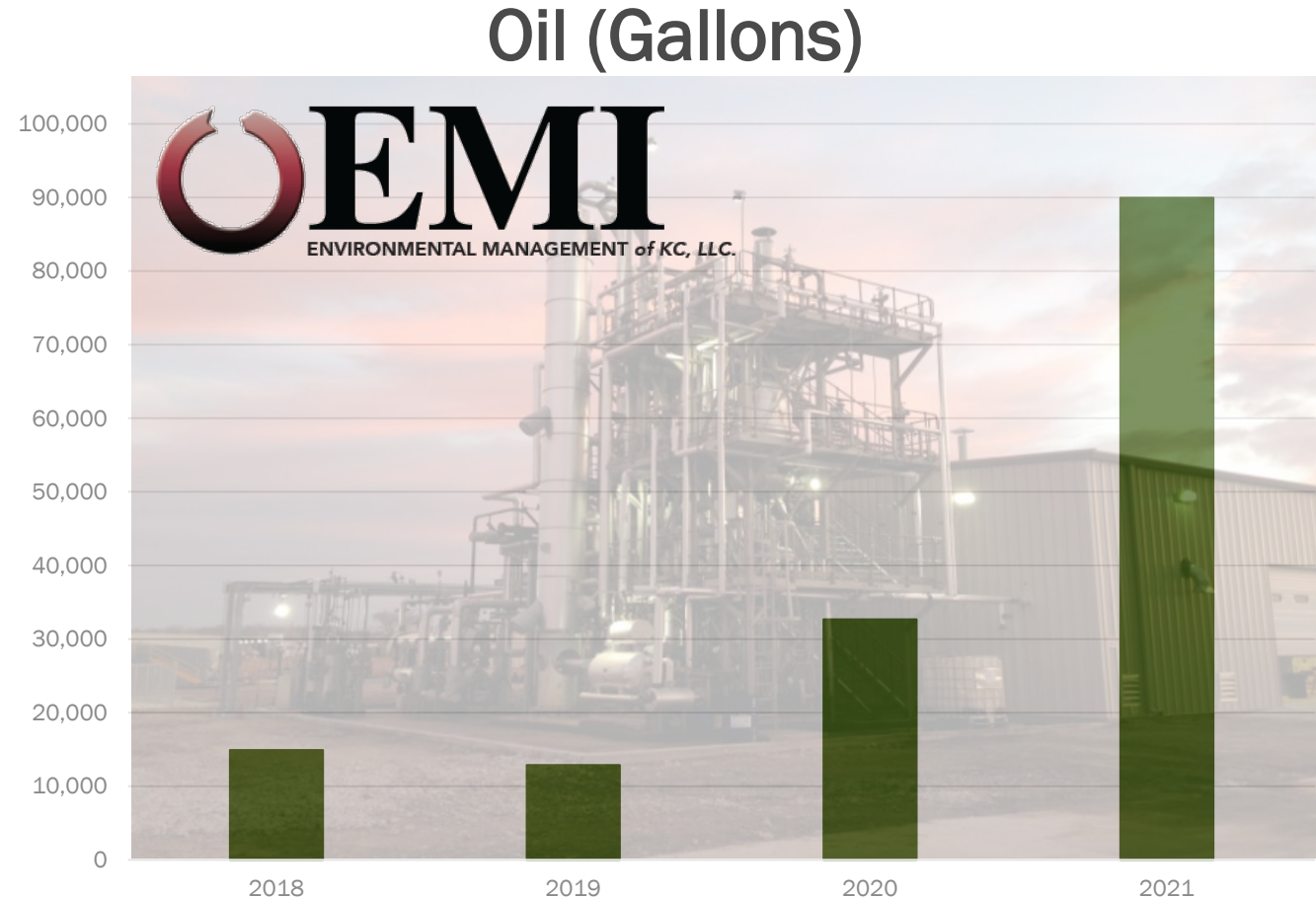


Environmental Responsibility and Performance: 2021 Category Recycling

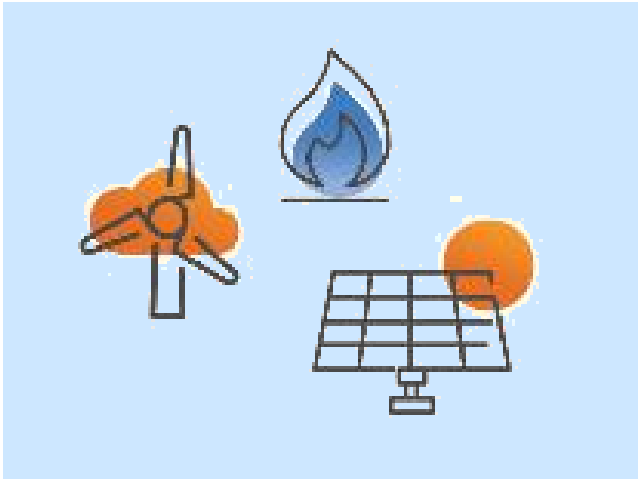


OPPD focuses on finding avenues for recycling:

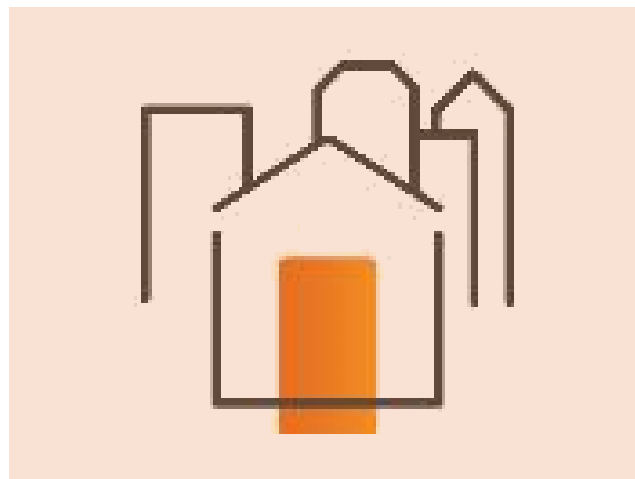
- **Batteries** – 2,162 lbs.
- **Metal** – 3,365,606 lbs.
- **Oil** – **89,960 gallons**
- **Utility Poles** – 500+ poles
- **Recycling materials** returned over \$1.3M back to OPPD.
- ~18% of fly ash recycled
- **Recycled 2.5 times more oil in 2021 vs. 2020.**



Net Zero Carbon Production Goal by 2050: Pathways to Decarbonization



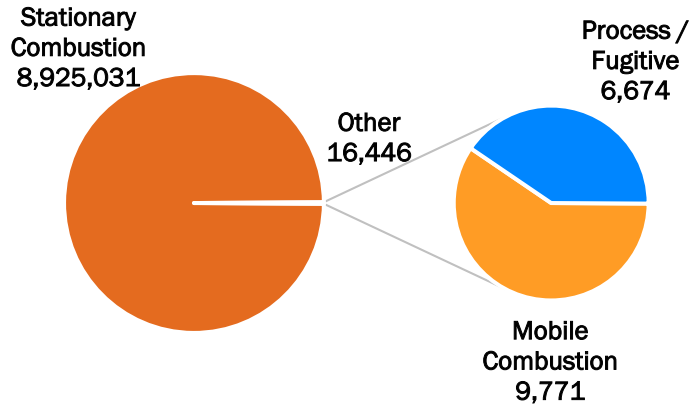
- The Initiative Phase of our Pathways to Decarbonization strategy was formally completed in May 2022.
- This foundational project informs our strategy and the work continues.



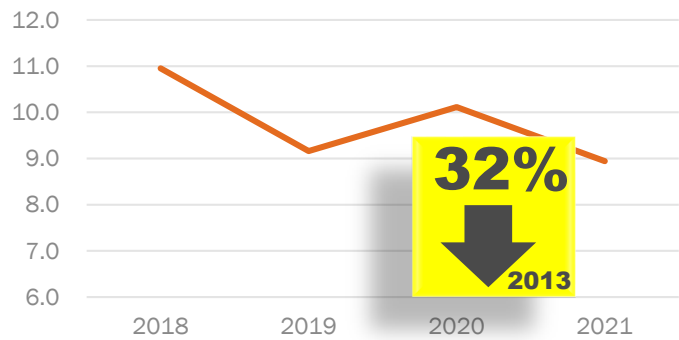
Net Zero Carbon Production Goal by 2050: 2021 Greenhouse Gas Inventory



8,941,477 mt

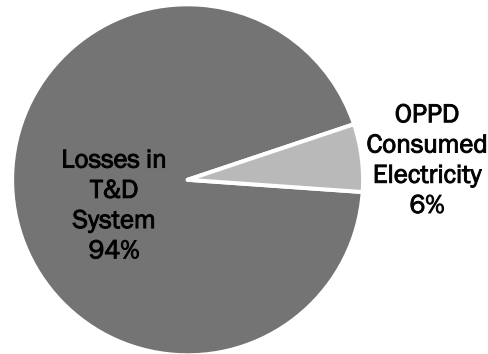


Scope 1 (Million Metric Tons CO2e)

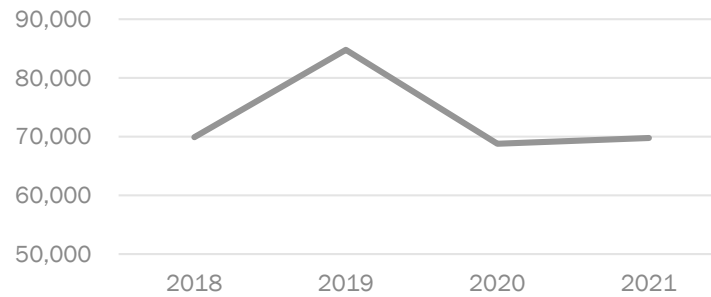


Scope 1

69,766 mt

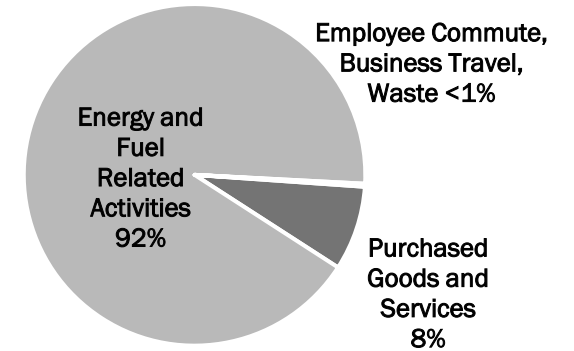


Scope 2 (Metric Tons CO2e Market Based)

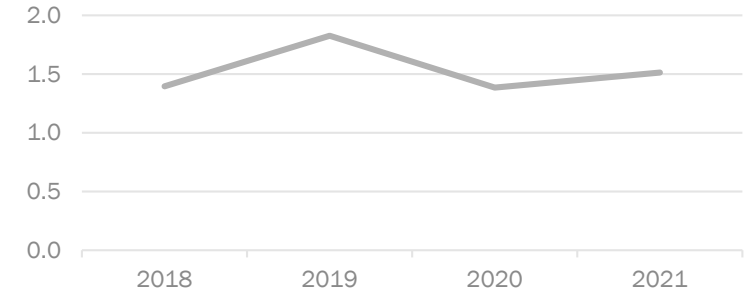


Scope 2

1,529,477 mt

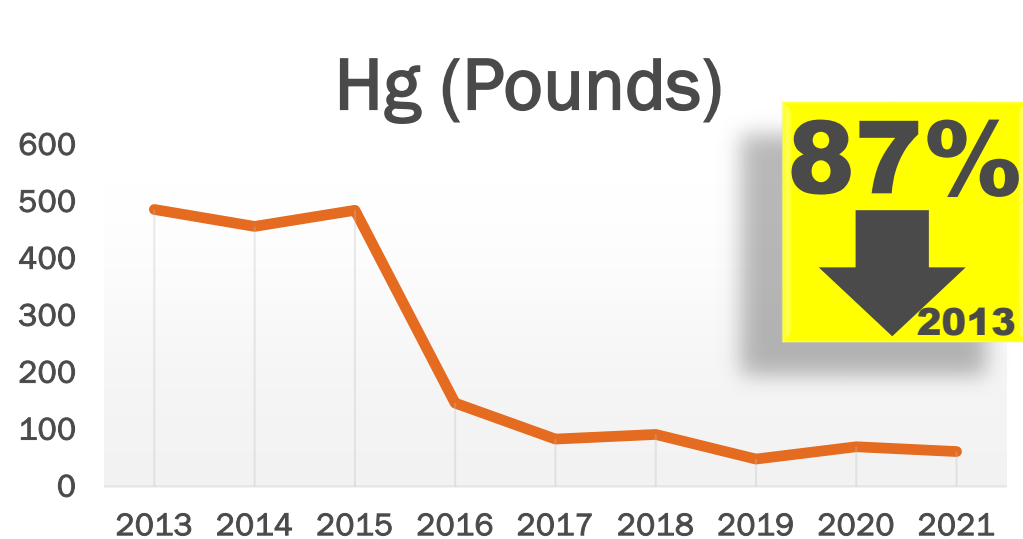
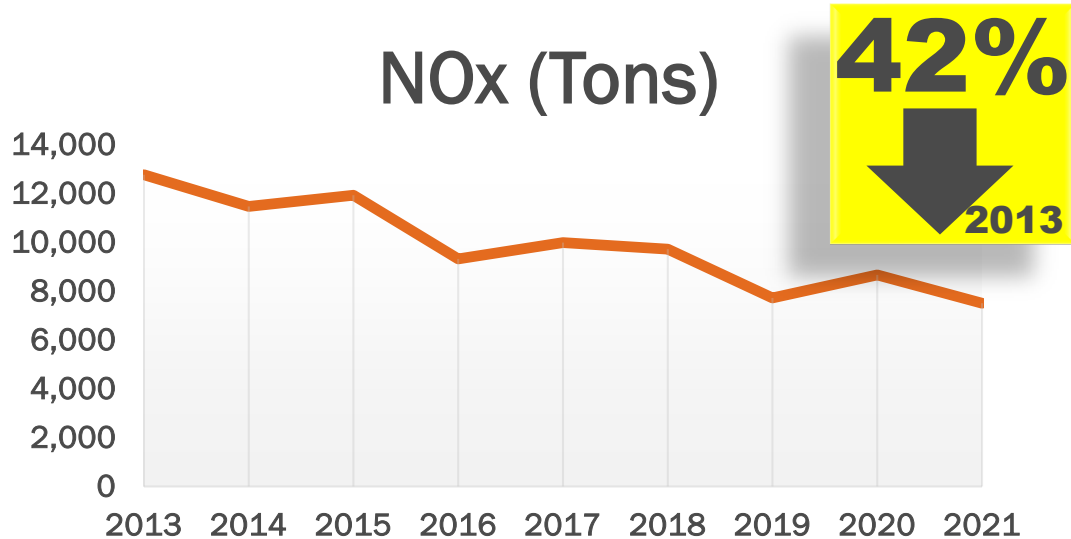
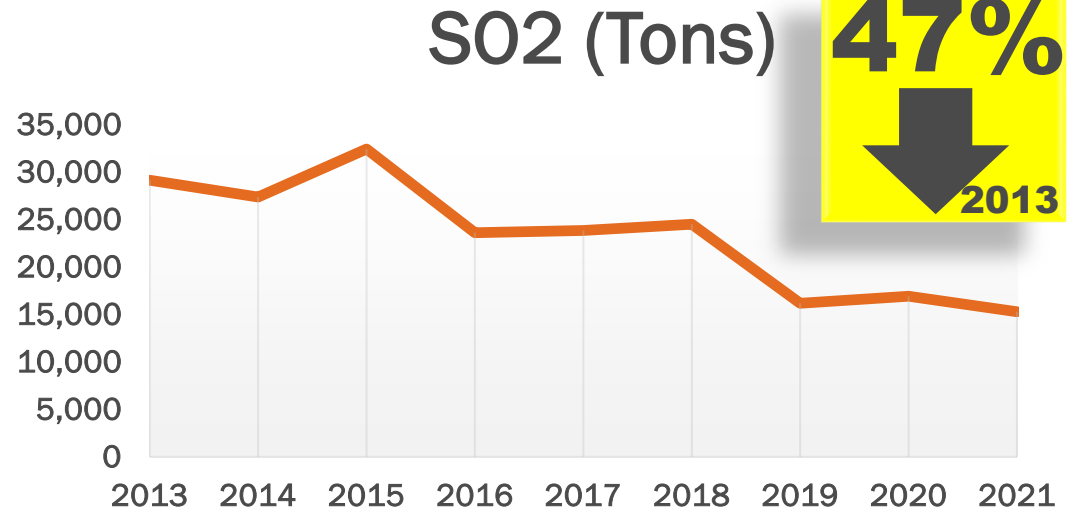
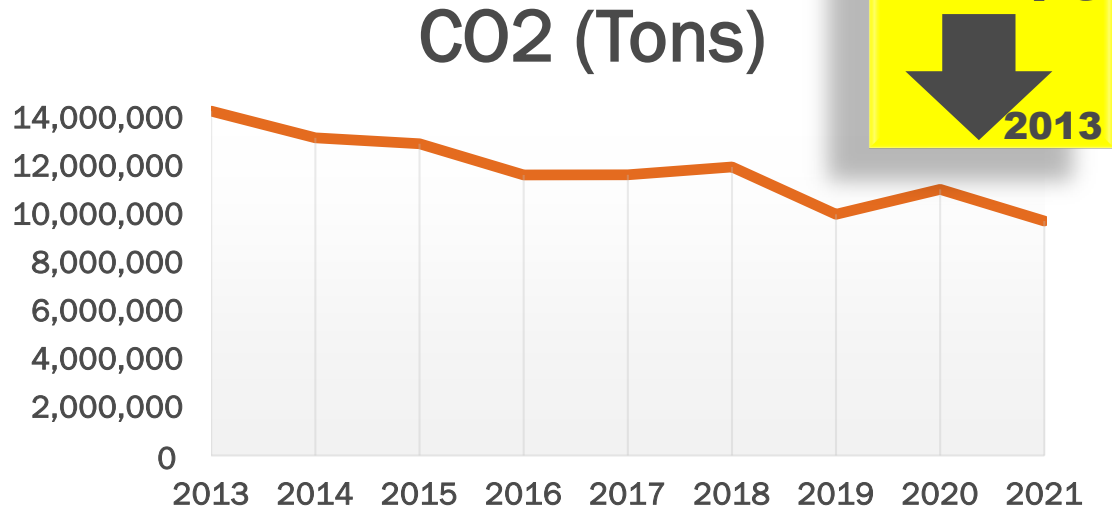


Scope 3 (Million Metric Tons CO2e Market Based)



Scope 3

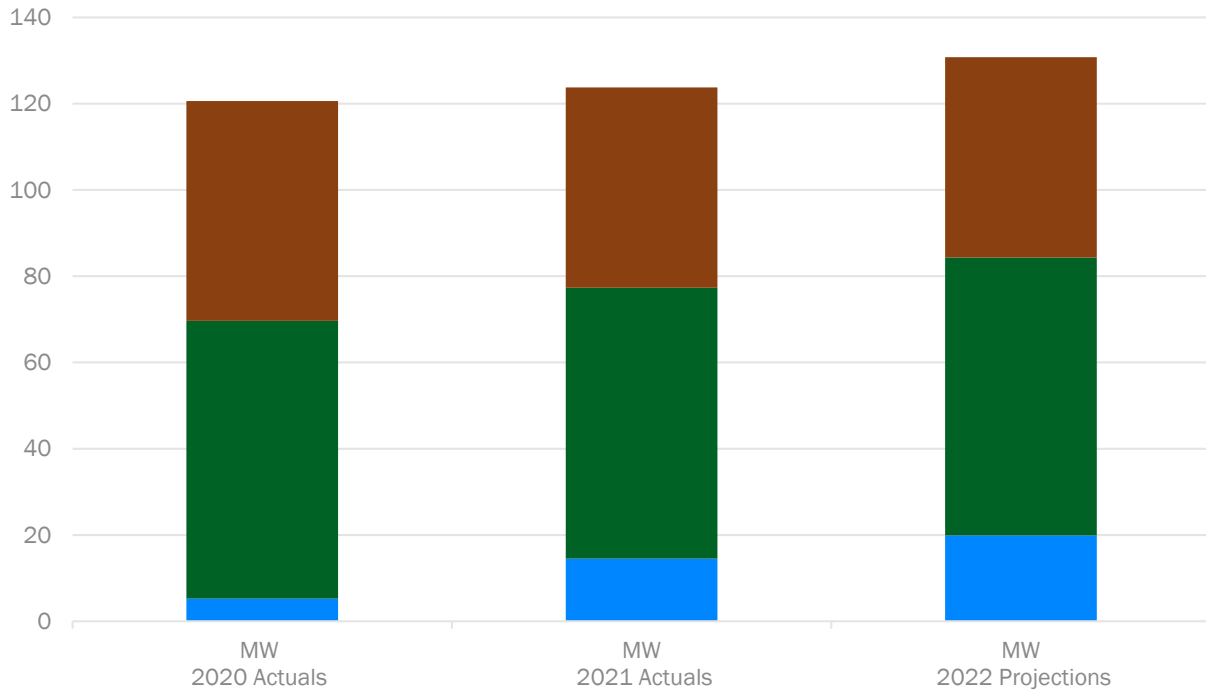
Net Zero Carbon Production Goal by 2050: Annual Emissions



Net Zero Carbon Production Goal by 2050: DSM and EE Portfolio Status

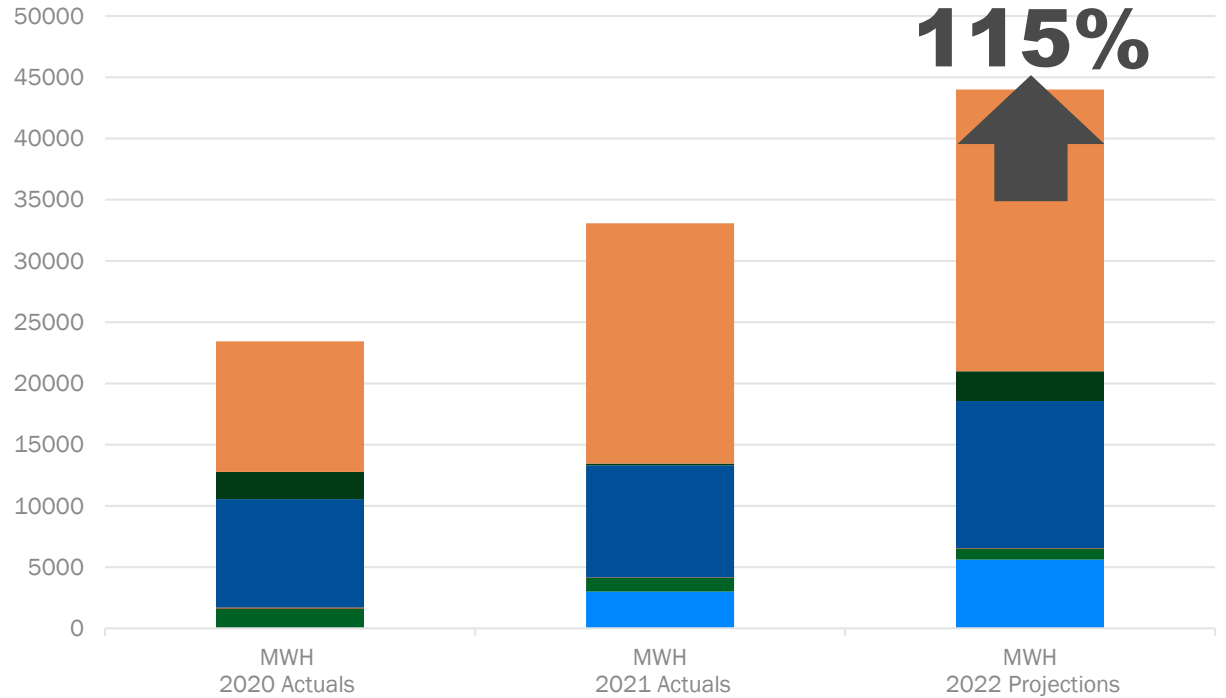


Demand Response (MW)



■ Smart Thermostat Program ■ Cool Smart ■ Business Interruptible

Energy Efficiency (MWH)



■ 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

Total Portfolio ~185 MW of DSM.



Meet & Exceed Environmental Regulatory Standards:

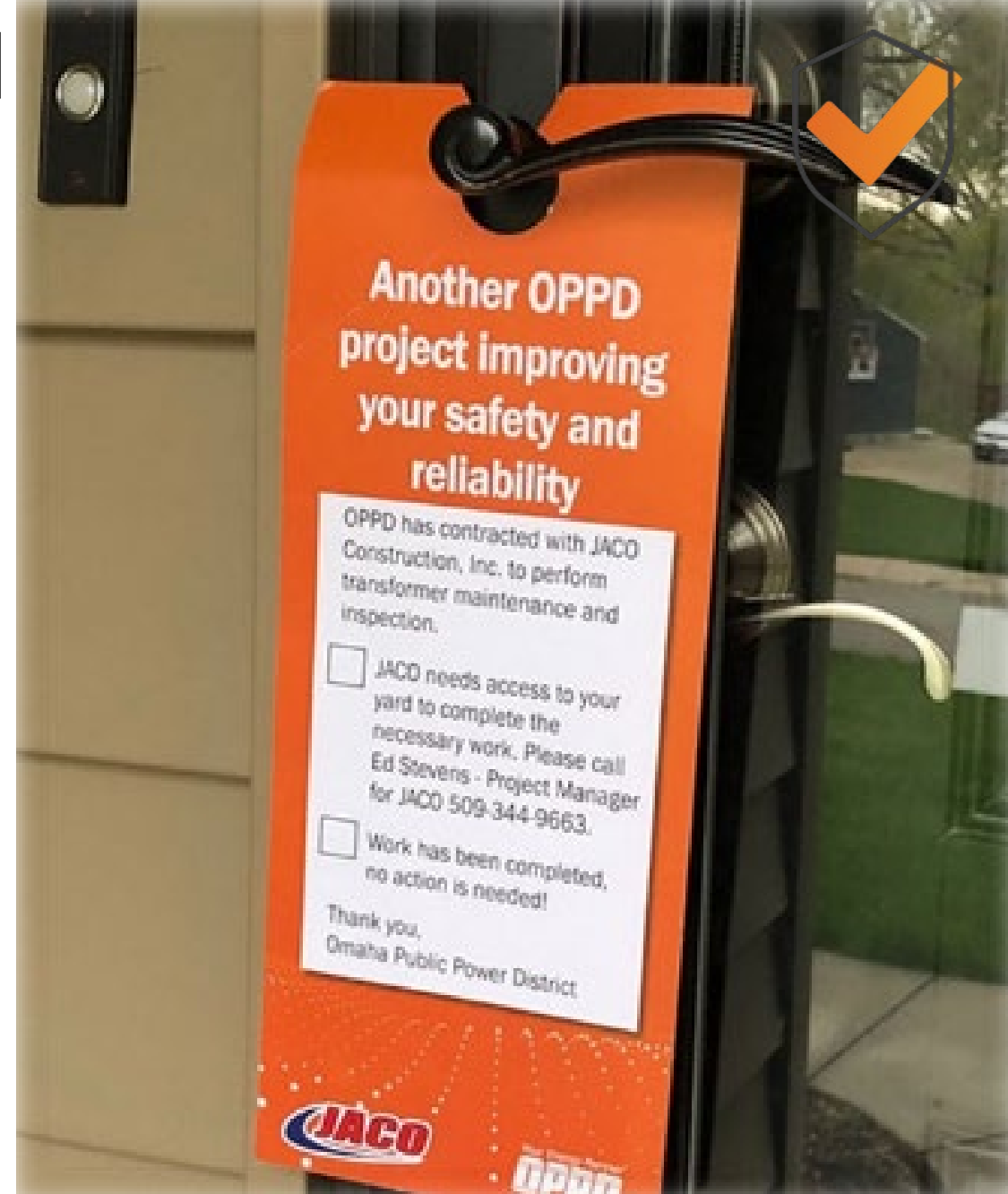
Environmental Compliance

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.



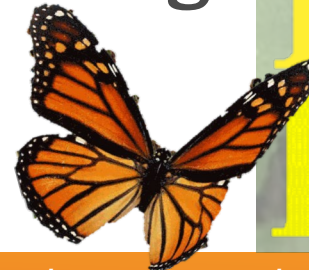
Meet & Exceed Environmental Regulatory Standards: Wildlife and Natural Resources



BELLEVUE
UNIVERSITY



*Thunder and Lightning
(2022)*



PRAIRIE
IN
PROGRESS

Active Transparency: Environmental Programs & Reports



COMMUNITY CONNECT

OPPD
Omaha Public Power District

RESIDENTIAL BUSINESS OUTAGES ENVIRONMENT NEWS & RESOURCES ABOUT COMMUNITY

ENVIRONMENT

LEADING THE WAY WE POWER THE FUTURE

ELECTRIC VEHICLES

Diverse Fuel Mix

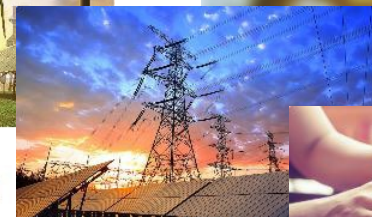
Renewables

ENERGY PORTFOLIO

OSPREY LIVE CAM



2021 Integrated



Community Solar

Home Graph How Solar Works

Production Now: 1.71 Megawatts

Lifetime Production: 16.49 Gigawatt Hours

Production Meters (KWH Delivered): Sep 22 - 24, 2021

Production Now: 1.71 Megawatts

Weather: Fri, Sep 24 High: 72°F Low: 53°F

Environmental Impact:

Carbon	Trees	Lightbulbs	Oil
889,582 Pounds this month	12,990 Planted this month	9,796,078 Lightbulbs this month	1,178 Bbl this month
19,962,667 Total pounds	291,506 Total planted	219,828,892 Total lightbulbs	26,439 Total bbl



OPPD Board of Directors Feedback SD-9

OPPD's Board accepted feedback on SD-9, Resource Planning.

[Read more](#)



OPPD BRIGHT Project

OPPD's first battery storage project and we are excited to share the details with you.

[Read more](#)

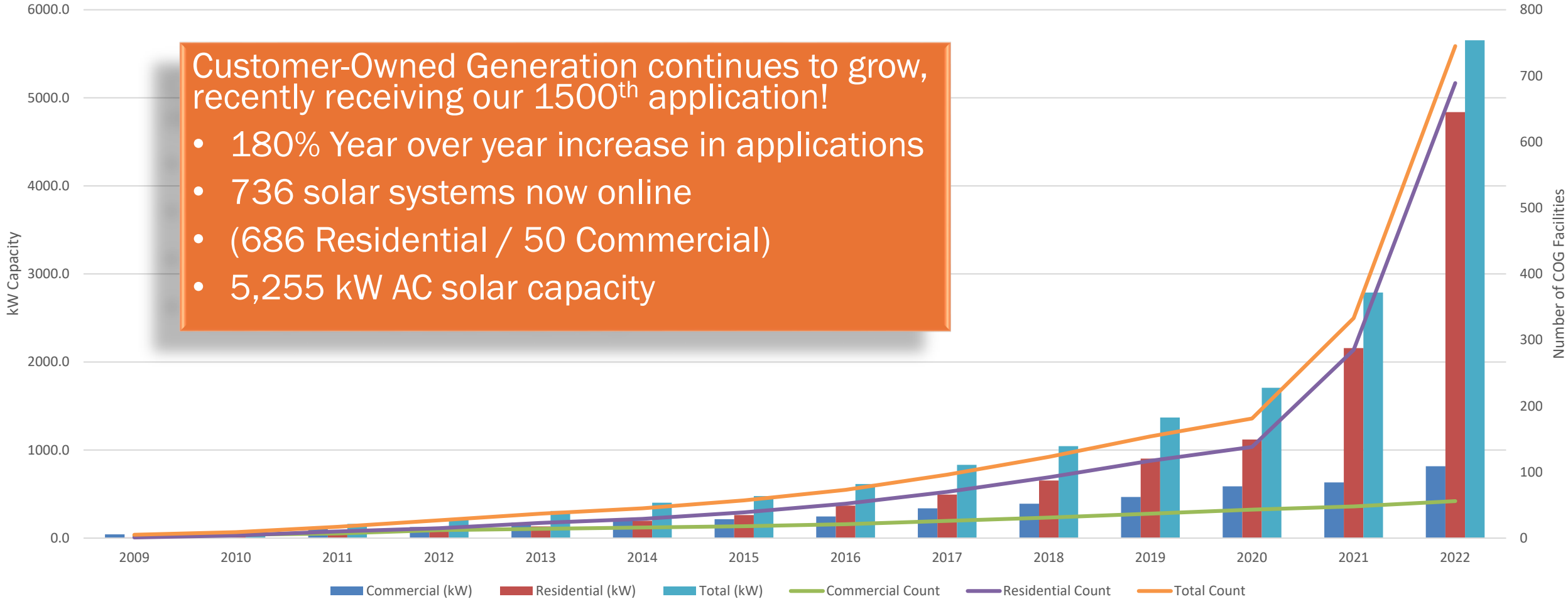
Customer & Stakeholder Engagement: Greener Together



[OPPD.com/GTP](https://oppd.com/GTP)

- 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

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

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!



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.



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





Williams/Via

DRAFT
RESOLUTION NO. 6532

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.



Pre-Committee Agenda

PUBLIC INFORMATION PRE-COMMITTEE MEETING
WEBEX VIDEOCONFERENCE
Tuesday, October 11, 2022 4:00 – 5:00 P.M.

1. Safety Briefing (McAreavey – 3 min)
 - a. Objective: Promote awareness of current safety focus.
2. North Omaha Engagement Plan Update (Olson – 10 min)
 - a. Objective: Provide brief update on the engagement plan.
3. Legislative and Regulatory Update (Olson – 20 min)
 - a. Objective: Provide brief update on state legislative and regulatory activities and draft plan.
4. SD-13: Stakeholder Outreach and Engagement Monitoring Report (Olson – 20 min)
 - a. Objective: Address Committee questions on the draft monitoring report and align on Committee recommendation.
5. Board Work Plan – Public Information Committee Items (3 min)
 - a. Objective: Discuss Public Information Committee items on the Board work plan.
6. Summary of Committee Direction (2 min)
 - a. Objective: Executive leadership team liaison(s) to summarize direction provided by the committee.



Reporting Item

BOARD OF DIRECTORS

October 18, 2022

ITEM

Legislative and Regulatory Update

PURPOSE

To provide an update on state legislative activities and draft overview for 2023.

ACTION

Reporting item

RECOMMENDED:

DocuSigned by:

Lisa A. Olson

46058A9ADE8A400...

Lisa A. Olson

Vice President – Public Affairs

APPROVED FOR REPORTING TO BOARD:

DocuSigned by:

L. Javier Fernandez

AC399FDCE56247E...

L. Javier Fernandez

President and Chief Executive Officer

Attachment:

Government Affairs Update



Government Affairs Update

10/18/22

Tim O'Brien, Director – Economic Development & External Relations



State Legislative Update



2022 NE Legislature Elections

- 24 Legislative seats up for election, including 13 open seats in which the current Senator is either term-limited, or chose not to seek another term. 11 Senators are seeking a second term. The General Election will take place on Tuesday, November 8th.
 - Half of the seats up for election every other year, rotating even and odd numbered districts.
- Along with half of the members of the Legislature, the governorship is also an open seat as Governor Ricketts is term limited. Unlike the Legislature, the Governors' races are partisan, but have the same term lengths and limits.

2023 Nebraska Legislative Calendar

Nebraska's 108th Legislature, First Session


- 90-day session
- January 4th – First day of session
- January 18th – Last day of bill introduction
- Other key items TBD based on Speaker & Committee Appointments
- June 9th – Sine Die
 - The calendar is subject to revision by the Speaker of the 108th Legislature, but will be finalized and distributed before January 4th.

2023 OPPD Legislative Bills

These issues have been brought to the forefront to have OPPD take a leading role to champion. We view this process as a 2-year journey.

- Broadband – Seek to repeal the dark fiber statutes to help expand broadband coverage across the state. This could also incorporate a repeal of the challenge of safe harbor rates under LB992.
- Seek to have critical/essential utility workers classified as emergency personnel in declared emergencies in order to protect our communities while ensuring continuity of functions critical to public health and safety.
- Weatherization funding – This legislation will seek state funding for weatherization efforts to upgrade more homes in order to lower utility bills permanently.

New for 2023 - Bill Tracker



OPPD
Omaha Public Power District

OPPD Weekly Legislative Update

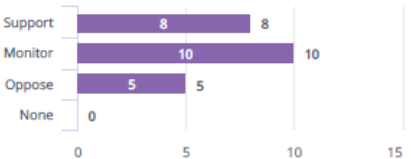
Last Updated: February 08, 2022

Executive Summary
Weekly update of key legislation we are tracking along with their status

All Team Actions

No data to show

Bills by Last Status and Position



Status	Count
Support	8
Monitor	10
Oppose	5
None	0

● Introduced ● Passed First Chamber
● Passed Second Chamber ● Vetoed
● Failed ● Failed Sine Die ● Enacted

Team Actions

No actions to show.

Bills by Priority
Recently Updated Bills (6)

State	Bill Number	Last Action	Status	Position	Priority	FN Outlook
NE	LB 512	Brewer Am 1620 Filed 2022 02 02	In Legislature	Support	High	0.0% 0.0%

Title
LB512 - Adopt the Critical Infrastructure Utility Worker Protection Act

Introduction Date: 2021-01-19

Labels: NPA SUPPORTS

Primary Sponsors
Tom Brewer

State	Bill Number	Last Action	Status	Position	Priority	FN Outlook
NE	LB 804	Placed On General File 2022 02 03	In Legislature	Support	High	0.0% 0.0%

Title
LB804 - Change compensation of certain members of the Nebraska Power Review Board

Introduction Date: 2022-01-06

Labels: NPA SUPPORTS

Primary Sponsors
Dan Hughes

Organizational Notes
Last edited by Scott Crosby at Feb 8, 2022, 11:12 PM
Type in your own notes and summary / taking points here!!

Any key information the Board is seeking that is most important to you? Or any feedback?

Next Steps

- Update legislative preview after elections
- Finalize 2023 state legislative bill tracker
- Continue Senator and stakeholder meetings
- NPA legislative subcommittee meetings and retreat
- Continue interim hearings



Reporting Item

BOARD OF DIRECTORS

October 18, 2022

ITEM

North Omaha Engagement Plan Update

PURPOSE

To provide an update on the NOS outreach and listening phase per board resolution 6518.

ACTION

Reporting item

RECOMMENDED:

DocuSigned by:

Lisa A. Olson

Vice President – Public Affairs

APPROVED FOR REPORTING TO BOARD:

DocuSigned by:

L. Javier Fernandez

President and Chief Executive Officer

Attachment:

NOS Outreach and Engagement Presentation



NOS Outreach and Engagement

PI Committee Update

October 18, 2022





Phase Updates at Monthly PI and Board Committee Meetings

Phase I (pre-August vote)

Inform and communicate local, regional and national challenges and changes to the electrical system landscape.

Various, internal communications, external 1:1s, videos, industry articles, Speakers Bureau, website education, FAQs, etc.

Phase II (Aug-Dec)

Engage with, consult and listen to local educational, public health, and community-led organizations.

Listening tour, data collection, employee community connections and retiree outreach, LB1024 hearings, NOS plant tour and community leader conversations.

Phase III (Jan-TBD)

Output of listening phase – plan to be developed based on feedback.

Likely to include continued engagement with LB1024 implementation and the North O business park, product development & marketing engagement, community conversation and events.

Outcomes and Community Conversations

To understand concerns, listen and gain insight, including the community's perceptions, wants and needs.

- Chamber and business leaders
- Public officials
- Public health
- Community leaders
- Community organizations
- DEI organizations
- Neighborhood associations



Listening and Learning

- OPPD Employee Meeting – those living closest to NOS
 - Outcome: Gained better understanding of NOS perceptions; landmark; opportunity; reliability
- Community Safety Day at Salem Baptist Church
 - Outcome: Questions around lowering bills, from rooftop solar to energy efficiency
- LB1024 public hearings
 - Outcome: OPPD present at every hearing; understanding the desired needs of the North and South Omaha communities
- NOAH Champion of Change Luncheon
 - Outcome: Attendance and education around the Social Determinants of Health (the full picture)
- Douglas County Health Department Meeting
 - Outcome: Questions and desire to learn about streetlight outages and management



Looking Forward

- Clarity and alignment from Board on what success looks like
 - Engage with local educational, public health, and community-led organizations in carrying out the process that includes engaging the North Omaha community in understanding the benefits and developing action plans to reduce overall impacts related to ongoing operations at North Omaha Station for residents.*
- Tours with elected officials and community leaders
- Key 1:1 meetings
- Continued listening tour





Board Action

BOARD OF DIRECTORS

October 18, 2022

ITEM

SD-13: Stakeholder Outreach and Engagement Monitoring Report

PURPOSE

To ensure full Board review, discussion and acceptance of SD-13: Stakeholder Outreach and Engagement 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 Public Information Committee is responsible for evaluating Board Policy SD-13: Stakeholder Outreach and Engagement.
- d. The Public Information Committee has reviewed the SD-13: Stakeholder Outreach and Engagement 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 Public Information Committee recommends Board approval of the 2022 SD-13: Stakeholder Outreach and Engagement Monitoring Report.

RECOMMENDED:

DocuSigned by:

Lisa A. Olson

Lisa A. Olson
Vice President – Public Affairs

APPROVED FOR BOARD CONSIDERATION:

DocuSigned by:

L. Javier Fernandez

L. Javier Fernandez
President and Chief Executive Officer

LAO:jlm

Attachments:
Exhibit A – Monitoring Report
Resolution



Monitoring Report: SD13: Stakeholder Outreach & Engagement Public Information Committee

Lisa Olson, Vice President – Public Affairs

SD-13: Stakeholder Outreach & Engagement

As a publicly owned utility, OPPD is committed to engaging its customers, the community and other stakeholders.* OPPD shall:



- Use an integrated, clear and transparent engagement process that:
 - Provides meaningful ways for customer-owners to participate and provide feedback.
 - Is representative of the interested/impacted customer-owner segments that OPPD serves.



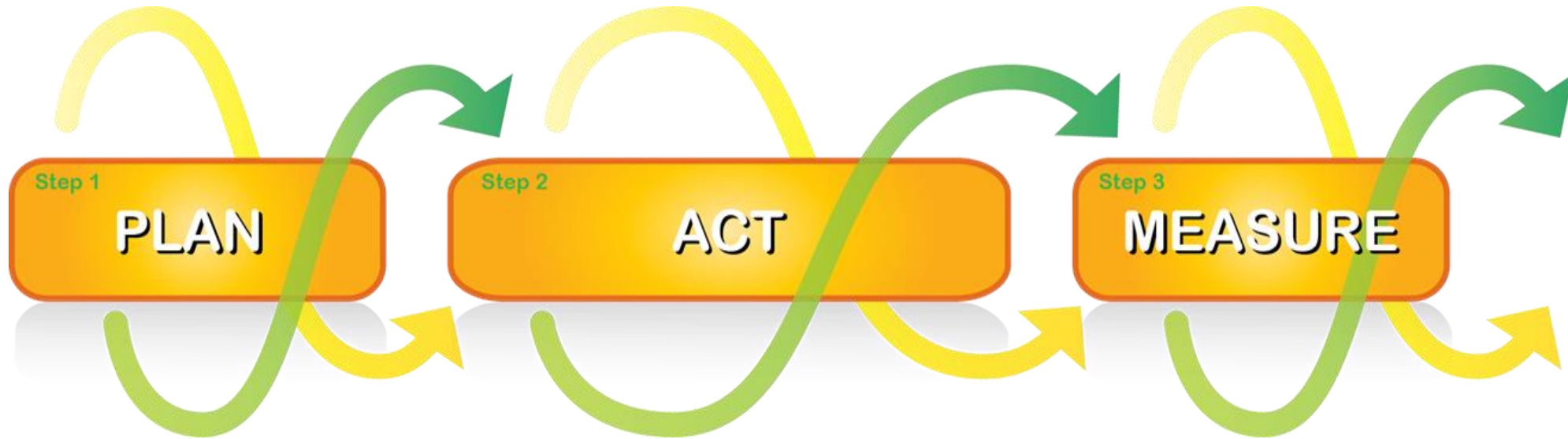
- Share context with customer-owners around key decisions.



- Continuously evaluate and improve its outreach and engagement processes.



Our process



- Objectives and outcomes help determine level of engagement
- Success may look different from one phase or stakeholder to the next
- Did we engage meaningfully, in multiple ways?
- Did stakeholders understand how and why decisions were made?
- Were stakeholders satisfied with the process (even if they didn't like the decision)?
- Did we listen and make accommodations where we could throughout the process?



Integration comes from using both formal and informal approaches

Formal outreach and feedback

- Follow a process, including IAP2's proven approach
- Engage stakeholders via 1:1 meetings, large gatherings, social media, communication plans
- Use relationships and communication to gather feedback and loop back

Informal outreach and trust building

- Honor our communities with intentional and customized outreach by area
- Make connections, build relationships, build trust
- Foster relationships through regular contact
- Listen and gauge sentiment
- Create connections and build advocacy





We use the International Association of Public Participation (IAP2) best practices to guide our formal outreach



INFORM



CONSULT



INVOLVE



COLLABORATE

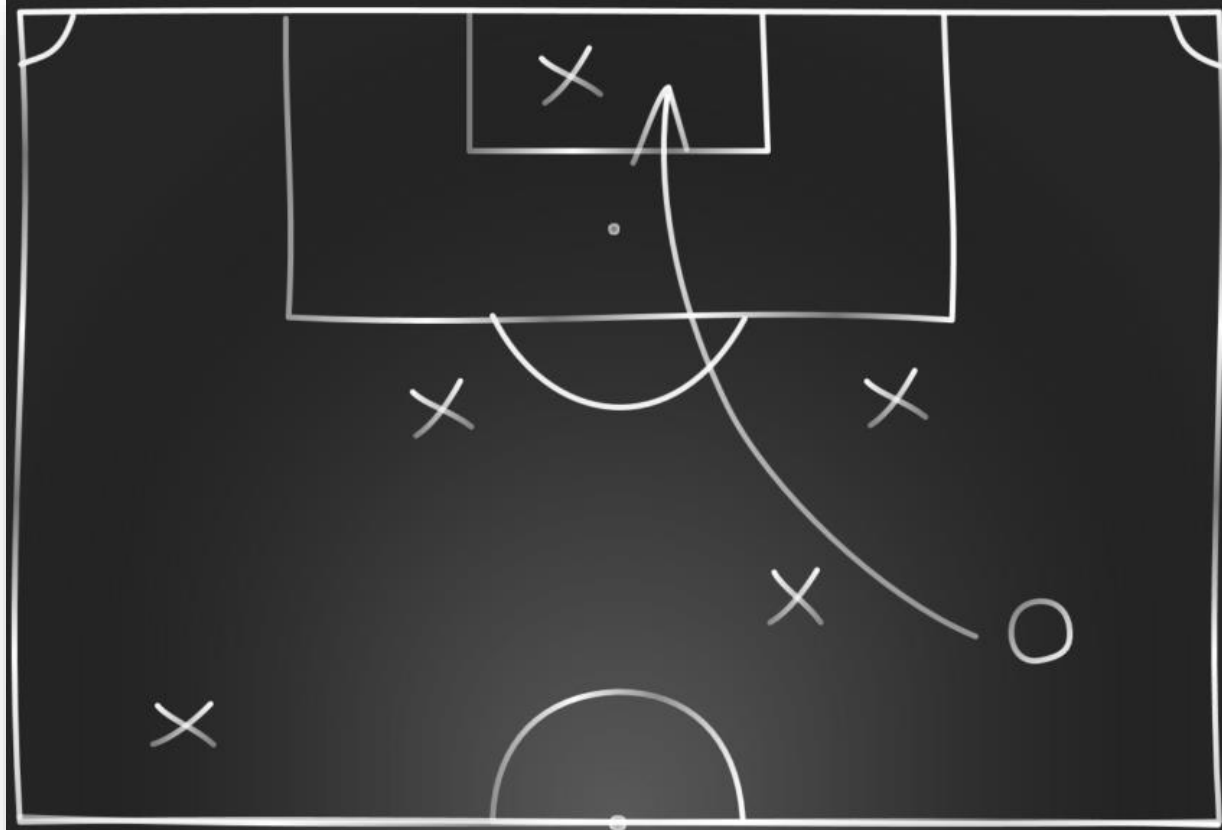


EMPOWER

	INFORM	CONSULT	INVOLVE	COLLABORATE	EMPOWER
PUBLIC PARTICIPATION GOAL	To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.	To obtain public feedback on analysis, alternatives and/or decisions.	To work directly with the public throughout the process to ensure that public concerns and aspirations are consistently understood and considered.	To partner with the public in each aspect of the decision including the development of alternatives and the identification of the preferred solution.	To place final decision making in the hands of the public.
PROMISE TO THE PUBLIC	We will keep you informed.	We will keep you informed, listen to and acknowledge concerns and aspirations, and provide feedback on how public input influenced the decision.	We will work with you to ensure that your concerns and aspirations are directly reflected in the alternatives developed and provide feedback on how public input influenced the decision.	We will look to you for advice and innovation in formulating solutions and incorporate your advice and recommendations into the decisions to the maximum extent possible.	We will implement what you decide.



Informal outreach



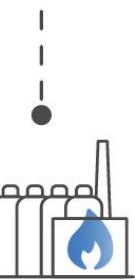
- Public Affairs develops a strategic game plan.
- The ball may be passed from one player to another at any time.
- We're all headed toward the same goal.
- We show up to all the games and events.



Sharing context in long-term, multi-year efforts

2+ Years of Engagement

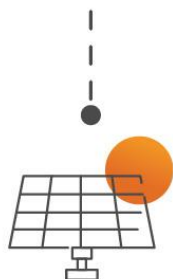
Power with Purpose



Two natural gas sites



Gas pipeline outreach



Multiple solar sites



Routing and siting public involvement for all transmission and distribution efforts

Pathways to Decarbonization



Energy portfolio pathway



Customer pathway



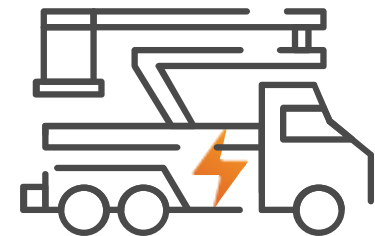
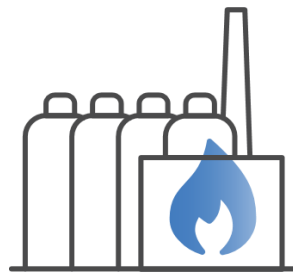
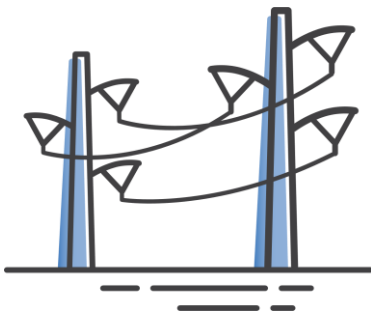
Community pathway



2021-2022 large-scale outreach

Initiatives, projects & continued areas of focus since our last report.

- Rate Design
- Power with Purpose (solar/natural gas)
- North Omaha Station
- Southwest Sarpy Transmission Project
- Powering the Future to 2050
- Strategic Directives (SD9, SD11)
- Customer Engagement for the Future
- BRIGHT Battery Storage Project
- Pathways to Decarbonization
- Integrated Resource Plan
- CEO Engagement





Decarbonization/Integrated Resource Plan

December 2020 – February 2022

Objective:

- Listen to how stakeholders want to be involved
- Provide deeper dive on Decarbonization/IRP planning
- Seek feedback along the way and loop explain how input was (or was not) used

Outcome:

- Higher satisfaction with process
- Created advocates who helped carry broader message

Outreach Levels (IAP2):

- Inform, Consult





Rate design

May 2022 - Ongoing

Objective:

- Define long-term vision for rate principles to best serve and represent OPPD customers
- Research customer preferences

Outcome:

- Understand changing customer needs to address products, services and customer solutions
- Provide high-level roadmap of how and when rate design strategies will be implemented

Outreach Levels (IAP2):

- Inform, Consult





CEO listening tour

July 2021 - Ongoing

Objective:

- Build relationships with elected officials and community leaders across the service territory
- Inform them of OPPD's vision and listen to concerns and aspirations

Outcome:

- Create connections, build advocacy and inspire collaboration

Outreach Levels (IAP2):

- Inform, Consult





Continuous Process Improvement Toolbox



- Post-event Surveys
- Poll Everywhere
- Debriefs – Lessons Learned
- Training and Development
- Networking and Relationships
- Research and Benchmarking
 - Customer engagement study
 - Utility engagement benchmarking study
 - Edelman Trust Barometer



Foundations of trust

HUMANITY

Create genuine connections to understand the unique needs of our stakeholders and lead with empathy.

TRANSPARENCY

Instill confidence in OPPD's brand and reputation through open communication and intentional interactions with stakeholders.

CREDIBILITY

Share and advance the capabilities of our people to strengthen relationships and inform sound decision making.

INTEGRITY

Act as servant leaders focusing on growth and wellbeing of our communities.



Maturity Timeline

01 Initial

Pre-2015
Inconsistent; lack of dedicated department

02 Managed

2015-2016
Stakeholder process in development; newly created department and grant position

03 Defined

2017-2018
Defined outreach lanes, created volunteer policy; adopted IAP2 principles

04 Quantitatively Managed

2019-2020
Benchmarking and Audit; launched OPPD Community Connect; align with partners on clear objectives and outcomes

05 Optimized

Future Process Improvement
Align with BUs, Customer Engagement for the Future (CEF_ principles. Develop and implement Youth Engagement; Retiree Engagement; Education Hub – Power Learning; Board tracking, training and placement

Recommendation

The Public Information Committee has reviewed and accepted this Monitoring Report for SD-13 and recommends that the Board find OPPD to be sufficiently in compliance with Board Policy SD-13.

Any additional reflections on

what has been
accomplished ... or

challenges or gaps



APPENDIX



Public Affairs Mission

Employees

To understand how their role supports OPPD's mission and business objectives; and to be a positive advocate for OPPD work.

Outcome: Customer

Trust that we deliver on our promise; understand the benefit of public power and the value we bring to their communities; and advocate for OPPD

All Business Units

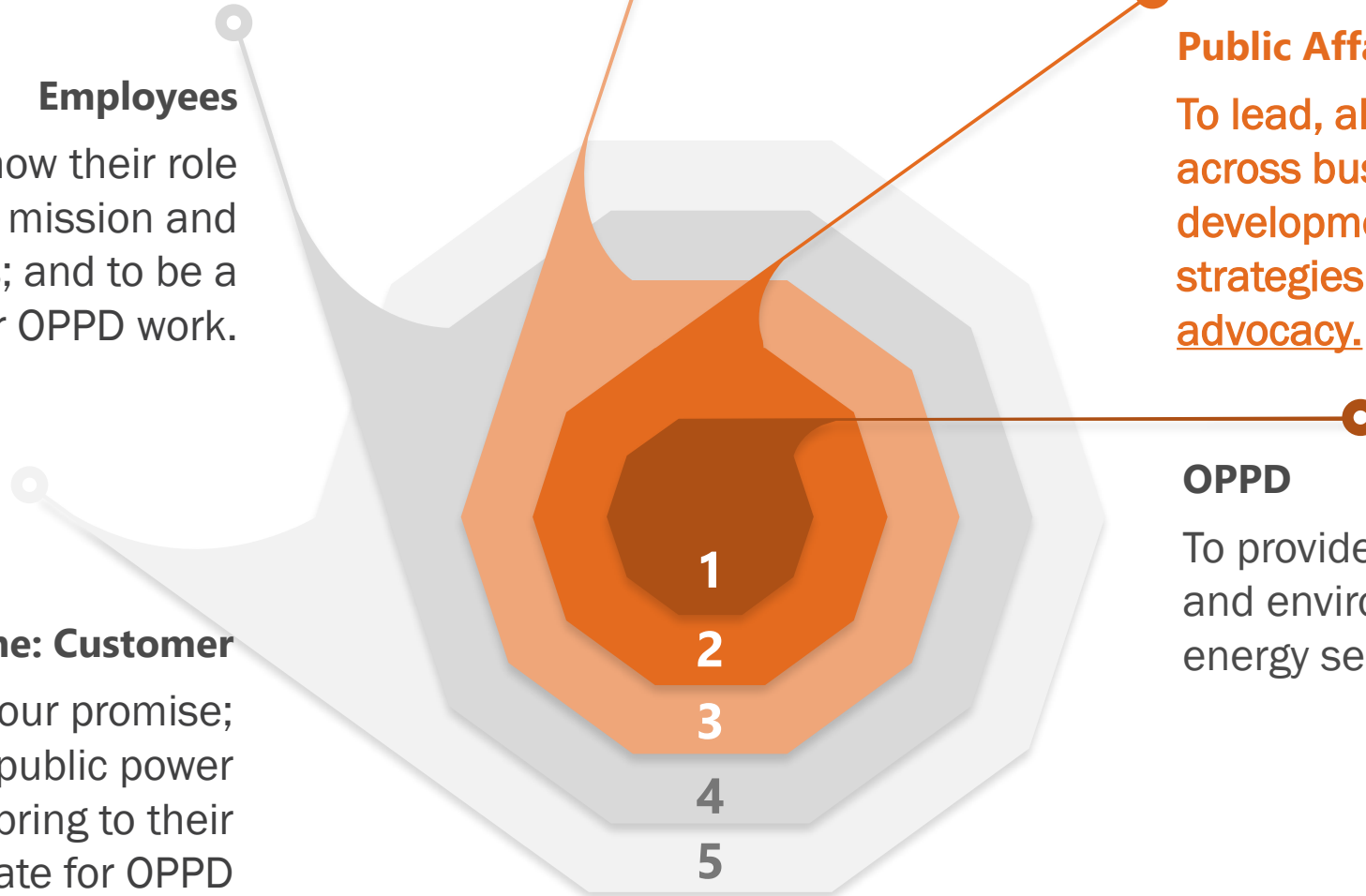
To drive strategic initiatives, further business objectives, align across business units and ensure employee understanding.

Public Affairs

To lead, align and collaborate across business units in the development and execution of strategies to drive trust and advocacy.

OPPD

To provide affordable, reliable and environmentally sensitive energy services to our customers.



OPPD's outreach work has rapidly intensified in volume and complexity, and our approach has matured along the way

2016

- 1. Integrated Resource Planning
- 2. Generation Options – Fort Calhoun

2017

- 1. Community Solar
- 2. Sarpy & La Vista Transmission Projects

2018

- 1. Community Solar
- 2. SD-7 Revisions

2019

- 1. VW Settlement
- 2. Power with Purpose
- 3. LED Streetlights
- 4. EV Outreach
- 5. DSM Potentiality
- 6. SD-7 Revisions
- 7. 5 Strategic Initiatives Launched

2020

- 1. Power with Purpose
- 2. Southwest Sarpy Transmission
- 3. State of the utility
- 4. Powering the Future 2050
- 5. Pathways to Decarbonization
- 6. BNSF Arbor Line
- 7. Green Power



Stakeholder Outreach Consultation

- Engage project owners and internal stakeholders
- Work project plan and consider key steps before putting plan into action
- Ensure alignment

Project Name

Project Owner

Date: Tuesday, December 01, 2020

Work Order #



In addition to the project overview and key messaging, this plan includes the 6 key steps to an Effective Public Involvement (PI) plan:

1. Establish public involvement objectives/outcomes
2. Identify stakeholders and their key issues/concerns
3. Determine level of public involvement
4. Select public involvement activities
5. Outline timeline of tasks, team member roles and responsibilities
6. Evaluate and incorporate

Project Overview

Provide context and overview of project

Key Messages

Based on the project and anticipated sta

Public Involvement Objectives

Objectives are a specific result you're trying to achieve within a time frame and with available resources.

1. List here
2. List here
3. List here

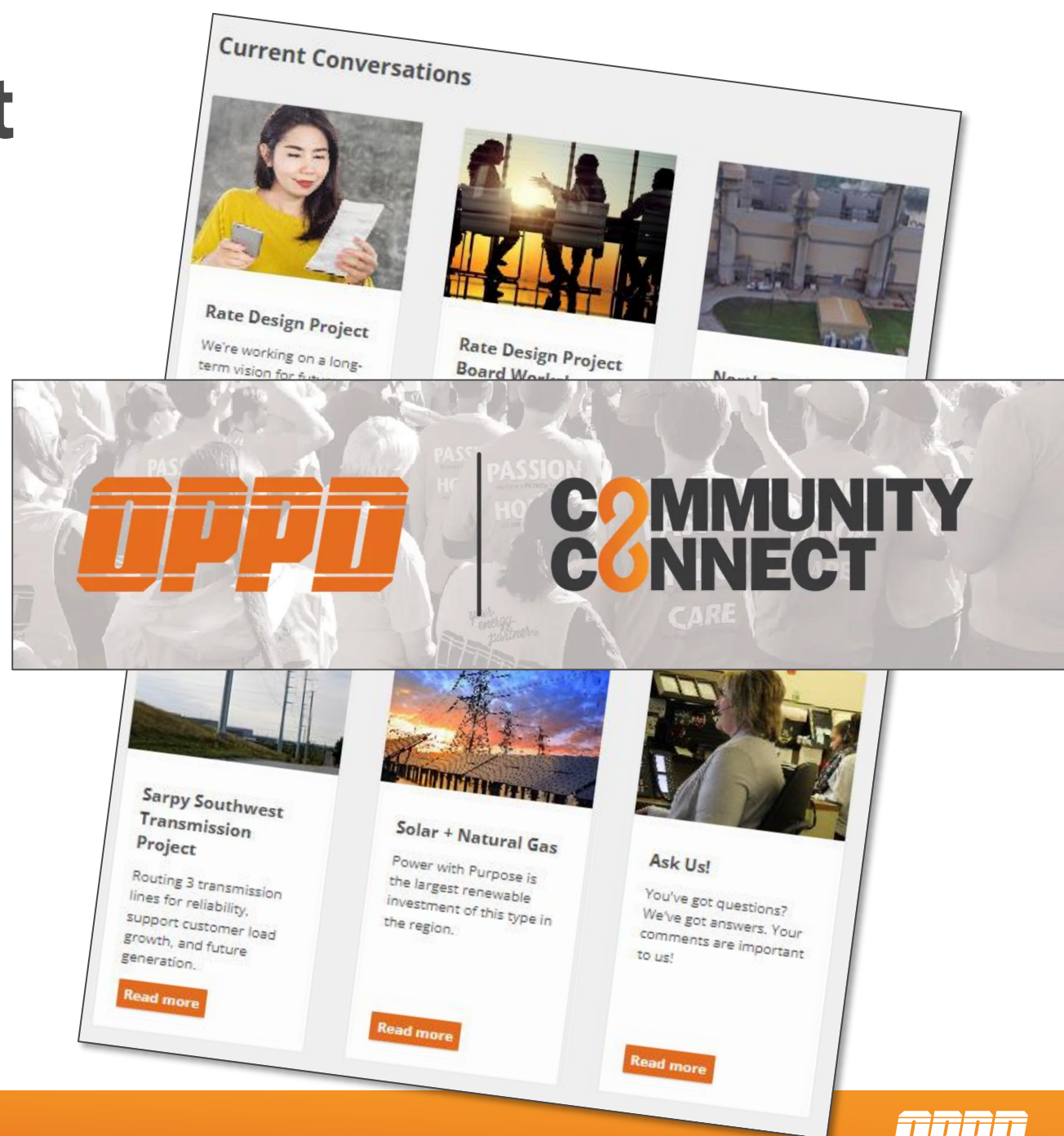
Public Involvement Outcomes

Outcomes are the measurement and evaluation of an activity's results against their intended or projected results. **Outcomes** are what you hope to achieve when you accomplish the goal.

1. List here
2. List here
3. List here

OPPDCommunityConnect

- Launched July 2020
- 88,000 visitors to date (as of 10/7/22)
- First U.S. utility to use this platform
- First and best source of information
- Increased opportunities for engagement and reporting
- Utilized for Power with Purpose, Pathways to Decarbonization, CEO transition, PF2050 and more!



Our digital presence is maturing, which supports outreach efforts.



Websites



Sentiment



Social Media

THE WIRE

Jan. 1-Dec. 31, 2021
(compared to same period in 2020)

Users: 224,065 (up 270%)
Page views: 310,577 (up 99%)
Unique page views: 291,634 (up 180%)
New visitors: 84% (up 18%)

* **Data note:** The extreme weather events of 2021 (February and July) impacted these numbers

Storm & Outage Center

Jan. 1-Dec. 31, 2021
(compared to same period in 2020)

Users: 454,655 (up 140%)
Page views: 2,629,783 (up 212%)
Unique page views: 1,155,132 (up 339%)
New visitors: 73.5% (down 8.2%)

* **Data note:** The extreme weather events of 2021 (February and July) greatly impacted these numbers

OPPD.com

Jan. 1-Dec. 31, 2021
(compared to same period in 2020)

Users: 1,823,106 (up 38%)
Page views: 1,944,659 (up 257%)
Unique page view: 678,770 (up 255%)
New Visitors: 1,772,340 (up 39%)

* **Data note:** The extreme weather events of 2021 (February and July) greatly impacted these numbers



Mollhoff/Olson

DRAFT
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 Public Information Committee (the "Committee") is responsible for evaluating Board Policy SD-13: Stakeholder Outreach and Engagement on an annual basis. The Committee has reviewed the 2022 SD-13: Stakeholder Outreach and Engagement 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 hereby accepts the 2022 SD-13: Stakeholder Outreach and Engagement 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.



DRAFT Agenda

**OPPD BOARD OF DIRECTORS
REGULAR BOARD MEETING
Thursday, October 20, 2022 at 5:00 P.M.**

*Conducted in person at the Omaha Douglas Civic Center, 1819 Farnam Street,
2nd Floor Legislative Chamber, Omaha, NE 68183*

*Public may attend in person at the Omaha Douglas Civic Center or remotely by going to
www.oppd.com/BoardAgenda to access the Webex meeting link and view materials.*

Preliminary Items

1. Chair Opening Statement
2. Safety Briefing
3. Guidelines for Participation
4. Roll Call
5. Announcement regarding public notice of meeting

Board Consent Action Items

6. Approval of the August 2022 Comprehensive Financial and Operating Report, September 2022 Meeting Minutes and the October 20, 2022 Agenda
7. SD-12: Information Management and Security Monitoring Report – Resolution No. 6526
8. 2022 Excess Expenditure Approval – Resolution No. 6527
9. Grading, Drainage, Entry Road(s) and Miscellaneous Work for Greenfield Substation Site – Resolution No. 6528
10. Nebraska City Station Unit 2 Economizer Upper Bank Tubing Replacement – Labor Contract Award – Resolution No. 6529
11. Nebraska City Station Unit 1 Turbine Intercept Valve Bonnet Replacement – Engineer’s Certificate – Resolution No. 6530
12. Sarpy County Unit 4 “A” Power Turbine Repairs – Engineer’s Certificate – Resolution No. 6531
13. SD-7: Environmental Stewardship Monitoring Report – Resolution No. 6532
14. SD-13: Stakeholder Outreach and Engagement Monitoring Report – Resolution No. 6533

Board Discussion Action Items

[to be determined]

Other Items

15. President’s Report (20 mins)
16. Opportunity for comment on other items of District business
17. Adjournment

Please use the link below to find all committee and board agendas, materials and schedules. Board governance policies and contact information for the board and senior management team also can be found at www.oppd.com/BoardMeetings.



Reporting Item

BOARD OF DIRECTORS

September 30, 2022

ITEM

Power with Purpose; Natural Gas Generation, Energy Delivery and Solar Updates

PURPOSE

Provide updates on Power with Purpose projects for October 2022.

TURTLE CREEK STATION & STANDING BEAR LAKE STATION FACTS

1. Engineering, procurement, and construction activities are in progress. Substation activities include grounding work, drilled piers, and commencement of substation component deliveries. Installation of underground piping and duct banks, foundation work and preparations for major equipment deliveries continues at the generation facilities.
2. Natural gas supply infrastructure and pipeline installation is taking place at the respective sites.

ENERGY DELIVERY FACTS

1. Procurement and construction activities continue on the transmission assets associated with the Saryp Southwest Transmission Project. Major activities include foundation construction and structure deliveries on the three new transmission circuits connecting Turtle Creek Station to the existing transmission system.
2. Substation work is in progress at multiple substations supporting both natural gas facilities, and below-grade construction activities will begin in fourth quarter of 2022 to ready the interconnect substation for the solar facility in Saunders County.

SOLAR FACTS

1. The 81-megawatt Platteview Solar facility in Saunders County continues to make progress. AES and OPPDP are proceeding with facility design. Major equipment procurements are in progress to support the construction schedule. Construction is expected to begin at the site in the first quarter of 2023.
2. In late August, the Department of Commerce announced it would extend its own deadline from late August until November 28th to make a preliminary ruling in the Auxin Solar petition. The department said it needs additional time to review the information and administrative records. There is concern in the industry that this will further delay a final decision on the investigation, which would include prospective tariffs. On June 6th, President Biden did waive tariffs for 2 years. OPPDP staff continue to monitor and evaluate the impacts to OPPDP's deployment of solar.
3. The Inflation Reduction Act (IRA) was signed into law in August and has significant implications to how OPPDP may deploy future energy projects, specifically Power with Purpose solar. OPPDP staff have engaged industry experts, including financial, tax, legal, and suppliers, to further evaluate the IRA in order to understand how to optimize the pursuit of solar deployment for customer owners.

4. OPPD staff continue to engage with local jurisdictions to support the development of solar regulations and provide education on solar technology. In August and September, staff delivered this information at the Cass County Planning Commission meeting.

RECOMMENDED:

DocuSigned by:

Troy R. Via

181167221FA24AE...

Troy R. Via

Chief Operating Officer & Vice President
Utility Operations

APPROVED FOR REPORTING TO BOARD:

DocuSigned by:

L. Javier Fernandez

AC399FDCE56247E...

L. Javier Fernandez

President and Chief Executive Officer

TRV:maw



Power with Purpose Update Committee Meeting

October 18, 2022



Power with Purpose Update

Agenda

- Standing Bear Lake Station & Turtle Creek Station
- Solar

Standing Bear Lake Station & Turtle Creek Station



Power with Purpose Update

Standing Bear Lake Station

- Site Completion: January 2024
- Construction activities
 - Substation: grounding work and drilled piers
 - Generation: underground piping/duct banks, foundation work
 - Gas supply: gas pipeline installation
- Receiving breakers for substation



Facing Northwest – Engine Foundations



Facing South - Aerial view of site on 9/18/2022

Information as of October 7, 2022

Power with Purpose Update

Turtle Creek Station

- Site Completion: January 2024
- Construction activities
 - Substation: grounding work & drilled piers
 - Generation: underground piping/duct banks, foundation work
 - Gas supply: gas pipeline infrastructure
- Siemens unit 1 combustion turbine and generator ~ late October
- Receiving substation breakers



Facing South – Aerial view of site on 9/18/2022



Facing East – Unit 2 Combustion Turbine Embedded Conduit

Information as of October 7, 2022



Power with Purpose Open Session October 2022 Solar Update

October 18, 2022

Solar Update

- Platteview Project
- Federal Policy
- Solar Deployment



Platteview Solar

October Project Status Update

- Ongoing Activities
 - Procurement of major equipment
 - Development of vendor Factory Witness Test Plan
 - Substation 69kV 60% Design Package
 - Electrical, Civil and Structural 30% Design Packages
 - Geotechnical Reports
 - Pile Load Test Results
 - Facility Design Basis document
 - Coordination with community



Photos of pile load test conducted at Platteview site. Testing was planned and coordinated with landowners.

Design & Engineering

Construction

Operation

Site Preparation

Commissioning

Federal Policy Updates: Inflation Reduction Act (IRA)

- US Department of Treasury and the IRS issued a press release on October 5th seeking public input on implementing clean energy tax credits in six key areas:
 1. Energy Generation Incentives
 2. Credit Enhancements
 3. Incentives for Homes and Buildings
 4. Consumer Vehicle Credits
 5. Manufacturing Credits
 6. Credit Monetization
- Stakeholders encouraged to respond as soon as possible, ideally within 30 days (by November 4th)
- These responses will inform how the Treasury and IRS implement the legislation
- OPPD staff actively engaged in responses through LPPC, APPA, and other industry groups

Guiding Principles

In implementing the historic climate and clean energy provisions of the Inflation Reduction Act, Treasury will be guided by three core principles:

- **Robust and Broad Public Engagement:** Treasury will engage a broad spectrum of taxpayers, stakeholders, and communities to inform guidance and rulemaking. As discussed in greater detail below, Treasury has begun the process of soliciting comments from the public on key provisions. Over the coming weeks, Treasury will be convening several initial stakeholder roundtables with industry, labor unions, climate and environmental justice advocates, and others to hear directly from a wide range of voices.
- **Clarity and Certainty:** Treasury will work expeditiously to provide clarity and certainty to taxpayers, so the climate and economic benefits of this historic legislation can be felt as quickly as possible. For example, in August, Treasury and the IRS [immediately issued initial guidance on the electric vehicle tax credit](#) and worked closely with the Department of Transportation and Department of Energy so taxpayers could easily find a list of eligible vehicles online.
- **Sound Stewardship:** Treasury will work closely with the IRS to put in place effective guardrails and reporting to ensure the benefits are delivered as Congress intended. Treasury is committed to ensuring that as many eligible taxpayers as possible benefit from the incentives provided by law while protecting against fraud and abuse.

Excerpt from the Treasury & IRS Fact Sheet:

<https://home.treasury.gov/system/files/136/FactSheet-Implementing-IRA-Climate-CleanEnergy-TaxIncentives.pdf>

As of October 7th, 2022

Efforts to Deploy Solar

- Ongoing education and advocacy across OPPD's service territory
 - OPPD staff attended and/or participated in County meetings in Cass, Otoe, and Washington
- Frequent meetings with suppliers (developers and equipment) to maintain relationships and develop best sourcing strategy for going back to the market
 - Staff attended RE+ Conference in September and met with more than 15 suppliers
- Active study and planning of potential sites across OPPD's service territory
 - Full deployment of the 519MW would be spread across multiple sites
 - Study of each specific site requires generation interconnection analysis, technical site analysis, financial analysis, and determining the best structure for the land and asset to deploy at that site
- Further refinement and implementation of the IRA's clean energy tax incentives from the federal government is a significant factor in how OPPD will deploy the remaining solar sites
 - Clarity on the IRA will ultimately help shape OPPD's potential to own and operate solar assets