



# Agenda

**OPPDD Board of Directors – All Committees Meeting  
Tuesday, August 15, 2023  
CLOSED SESSION – 9:00 A. M. – PUBLIC SESSION 10:00 A.M.**

*Conducted in person at BCBS, Aksarben Conference Room and virtually via WebEx audio/video conference. Public may attend remotely by going to [www.oppd.com/CommitteeAgenda](http://www.oppd.com/CommitteeAgenda) to access the WebEx meeting link or the public may watch the WebEx at BCBS, 1919 Aksarben Dr –Wahoo Room 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		Williams	9:00	A.M.
2.	Closed Session			9:05	A.M.
	Near Term Generation	Discussion	Underwood	15	min
	Power with Purpose Generation Projects Update	Reporting	Underwood	30	min
	<b>Break – Open WebEx to Allow Public to Join</b>			9:50	A.M.
3.	Public Session – Chair Opening Statement		Williams	10:00	A.M.
4.	Safety Briefing		Fernandez	10:05	A.M.
5.	Governance Committee			10:10	A.M.
	Governance Chair Report	Reporting	Bogner	5	min
6.	Finance Committee			10:15	A.M.
	Finance Chair Report (08/04/2023)	Reporting	Spurgeon	5	min
	Annual Report of the Interest Rate on Customer Security Deposits	Reporting	Bishop	5	min
	Second Quarter Financial Report	Reporting	Bishop	15	min
	Second Quarter Retirement Fund Report	Reporting	Bishop	5	min
	Rate Design Project Update & Phase 1 Final Report	Reporting	Bishop	10	min
8.	Customer & Public Engagement Committee			10:55	A.M.
	C & PE Chair Report (08/08/2023)	Reporting	Howard	5	min
	North Omaha Engagement Update	Reporting	Olson	10	min
	Legislative and Regulatory Update	Reporting	Olson	20	min
	<b>Break for Lunch</b>			11:30	A.M.
7.	System Management & Nuclear Oversight Cmte			12:10	P.M.
	SM & NO Chair Report (08/02/2023)	Reporting	Moody	5	min
	Transmission Construction -- Fall 2023	Action	Via	5	min
	AMI Update	Reporting	Underwood	35	min
	SD-9: Integrated System Planning Policy Revision	Action	Underwood	30	min
	Near Term Generation Resolution	Action	Underwood	30	min
9.	Other Business			1:55	P.M.
	Confirmation of Board Meeting Agenda	Action	Williams	5	min
	Review of Board Work Plan	Discussion	Williams	5	min
	Power with Purpose: Solar, Natural Gas and Transmission Update	Reporting	Via / Underwood	15	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](http://www.oppd.com/BoardMeetings).

## Physical Safety



Feeling ill?



Locate AED's, exits  
and first aid



Environmental  
hazards



Identify help



Active shooter

## Psychological Safety



Respect



Healthy conflict



Multiple  
perspectives



Trust



Culture of  
curiosity

## CyberSecurity

**See something, say something** - the sooner the better

- Identify unknown phone numbers(s) or person(s) in virtual meetings



**Central Station:** 531-226-3700 for an emergency  
**Safety:** 531-226-7233 (SAFE) to report a safety issue  
**OPPD Service Desk:** 531-226-3848  
**Huddle Space Security:** 402-982-8200

Your Energy Partner<sup>®</sup>  
**OPPD**  
Omaha Public Power District

# Safety Focus for August

## 1. Speak up for safety.

*A cornerstone of a safe workplace culture is the ability to speak up when there is a safety concern – remember to give and receive feedback with openness.*

## 2. Helping hands.

*August has been an active month for hand injuries. Over the last 3 years, 60% of the injuries requiring medical attention beyond first aid in August involve injuries to fingers and thumbs.*

## 3. Avoiding autopilot.

*As we finish up our summer activities and (some) prepare for school to start up, your mind may want to shift to other business, especially when performing routine tasks. Take steps to stay off autopilot on the job and on the road.*

2023 Agenda Planning Calendar

Governance Committee Three Month Outlook - 2023	TYPE	COMMENTS
<b>August</b>	<b>8/15/2023</b>	
Governance Pre-Committee (Cancelled)	Reporting	
<b>Annual</b>		
Board Governance Workshop (08/30/23)		
<b>September</b>	<b>9/19/2023</b>	
Governance Pre-Committee (09/14/2023)	Reporting	
Enterprise Risk Management Quarterly Update	Reporting (Closed)	
SD-10: Ethics Monitoring Report	Action	
2024 Board Meeting Schedule	Action	
CEO Performance Review and Officers' Compensation Adjustment	CLOSED Discussion	Moved from August to September
CEO Performance Review and Officers' Compensation Adjustment	Action	Moved from August to September
Corporate Officer Performance Reviews and Compensation Adjustments - CLOSED SESSION	Action (Closed)	
CEO Growth & Effectiveness Update - CLOSED SESSION	Reporting (Closed)	Brian Juncker to lead discussion
<b>October</b>	<b>10/17/2023</b>	
Governance Pre-Committee (10/12/2023)	Reporting	
<b>November</b>	<b>11/14/2023</b>	
Governance Pre-Committee (11/09/2023)	Reporting	
SD-12: Information Management and Security Monitoring Report	Action	Moved from August to November
<b>December</b>	<b>12/19/2023</b>	
Governance Pre-Committee (12/14/2023)	Reporting	
Enterprise Risk Management Quarterly Update	Reporting (Closed)	
2024 Agenda Planning Calendar	Reporting	
SD-8: Employee Relations Monitoring Report	Action	
CEO Growth & Effectiveness Update - CLOSED SESSION	Reporting (Closed)	Brian Juncker to lead discussion





## Pre-Committee Agenda

### FINANCE PRE-COMMITTEE MEETING VIDEOCONFERENCE August 4, 2023 8:00 – 9:30 AM

1. Safety Briefing (Bishop – 3 min)
  - a. Promote awareness of current safety focus
2. Inflation Recovery Act Update (Bishop – 20 min)
  - a. Objective: Provide overview of the Act and answer questions
3. Second Quarter 2023 Financial Report (Bishop – 15 min)
  - a. Objective: Briefly present and answer questions on the report of OPPD's financial results for the two quarters ended June 30, 2023.
4. 2023 Decommissioning Fund Update (Bishop – 5 min)
  - a. Objective: Briefly present and answer questions on the status
5. Second Quarter 2023 Retirement Plan Report (Bishop – 5 min)
  - a. Objective: Answer questions on the report of OPPD's retirement fund results for the two quarters ended June 30, 2023.
6. Annual Report of the Interest Rate on Customer Security Deposits (Bishop – 5 min)
  - a. Objective: Briefly present and answer questions on the report
7. Rate Design Plan Phase #1 - Final Report (Bishop – 20 min)
  - a. Objective: Briefly present and answer questions on the report
8. Transmission Tariff Update (Underwood – 5 min)
  - a. Objective: Briefly present and answer questions
9. Board Work Plan – Finance Committee Items (5 min)
  - a. Objective: Committee members to review and confirm items on the Board Work Plan.
10. Summary of Committee Direction (2 min)
  - a. Objective: Executive leadership team liaison(s) to gain alignment and summarize direction provided by the Committee

<b>September</b>	<b>9/19/2023</b>				
Finance Pre-Committee (9/8/23)	Reporting	Spurgeon	10 min		
Decommissioning Fund Update	Reporting	Bishop	5 min		
<b>October</b>	<b>10/17/2023</b>				
Finance Pre-Committee (10/6/23)	Reporting	Spurgeon	10 min		
Preliminary Results Review of the COP & 5 Year Outlook	Reporting	Bishop	30 min		
Decommissioning Fund Update	Reporting	Bishop	5 min		
Audit report	Reporting	Bishop	20 min		Separate Meeting
<b>November</b>	<b>11/14/2023</b>				
Finance Pre-Committee (11/3/23)	Reporting	Spurgeon	10 min		
Third Quarter Retirement Fund Report	Reporting	Bishop	5 min		
Third Quarter Financial Report	Reporting	Bishop	10 min		
Decommissioning Fund Update	Reporting	Bishop	5 min		
2024 Preliminary Corporate Operating Plan	Reporting	Bishop	90 min		
<b>December</b>	<b>12/19/2023</b>				
Finance Pre-Committee (12/8/23)	Reporting	Spurgeon	10 min		
2024 Final Corporate Operating Plan	Action	Bishop	20 min		
Decommissioning Fund Update	Reporting	Bishop	5 min		
Declaration of Anticipated 2023 Capital Expenditures Reimbursement	Action	Bishop	5 min		



# Reporting Item

## BOARD OF DIRECTORS

August 15, 2023

### ITEM

Annual Report of the Interest Rate on the Customer Security Deposits

### PURPOSE

Review the formula for calculating the interest and report the current year's rate

### FACTS

- a. The District sets the interest rate to be paid on Customer Security Deposits on an annual basis. The current interest rate of 0.50% has been in effect since September 1, 2022.
- b. The interest rate is based on paying customers 90% of the one-year average earnings on these deposits rounded to the nearest quarter percent.
- c. Applying the most current actual earnings rate to the approved formula provides an interest rate of 2.25%.
- d. An annual interest rate of 2.25% will be applied to Customer Security Deposits beginning September 1, 2023.

### RECOMMENDED:

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

### APPROVED FOR REPORTING TO THE BOARD:

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

JMB:ts



# Reporting Item

## BOARD OF DIRECTORS

August 15, 2023

### ITEM

Second Quarter 2023 Financial Report

### PURPOSE

Report the quarterly financial results to the Board of Directors

### FACTS

- a. The second quarter 2023 financial results are attached for review.
- b. Retail Revenue for the second quarter 2023 was \$271.8 million, which was \$2.9 million under budget. Off-system Revenue was \$56.8 million, which was \$5.1 million over budget. Other Income was \$26.4 million, which was \$3.2 million over budget.
- c. Operations and Maintenance Expense (less Fuel and Purchased Power) for the second quarter 2023 was \$128.0 million, which was \$6.9 million over budget. Fuel and Purchased Power Expense was \$109.7 million, which was \$2.6 million under budget. Other Expense was \$72.7 million, which was \$27.1 million under budget.
- d. Operating Income for the second quarter 2023 was \$54.8 million, which was \$22.4 million over budget.
- e. Net Income for the second quarter 2023 was \$44.4 million, which was \$22.8 million over budget.

### ACTION

Reporting item.

### RECOMMENDED:

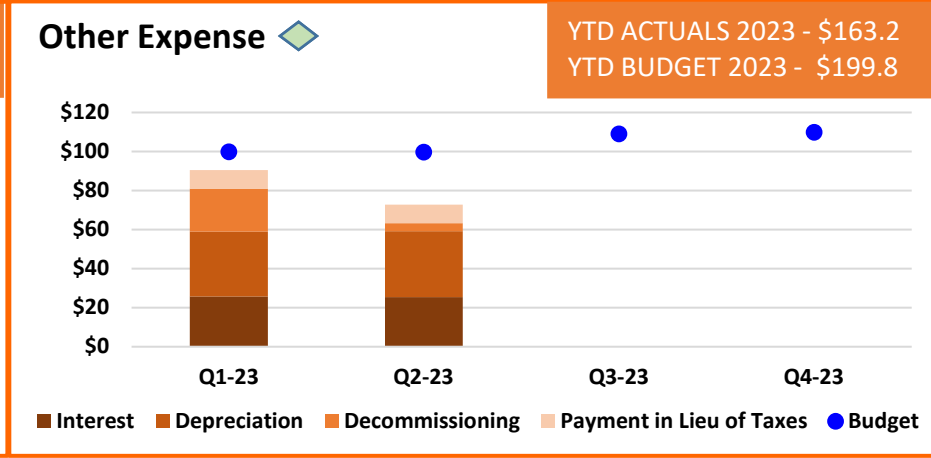
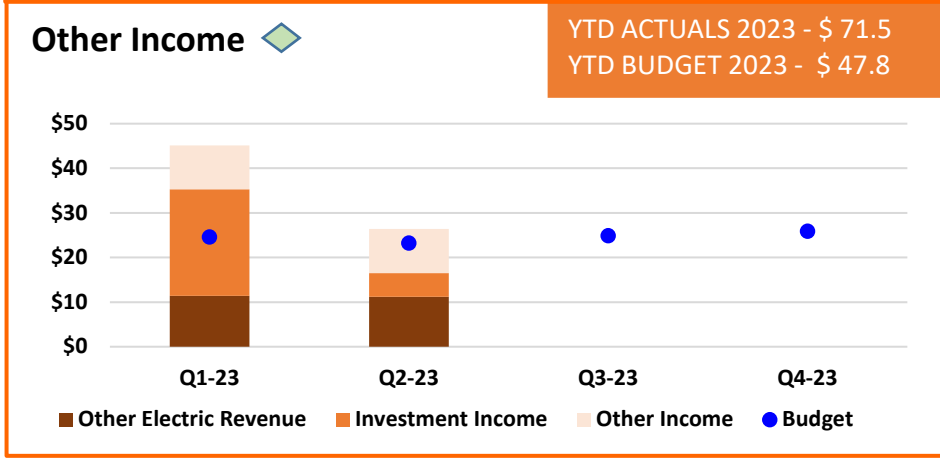
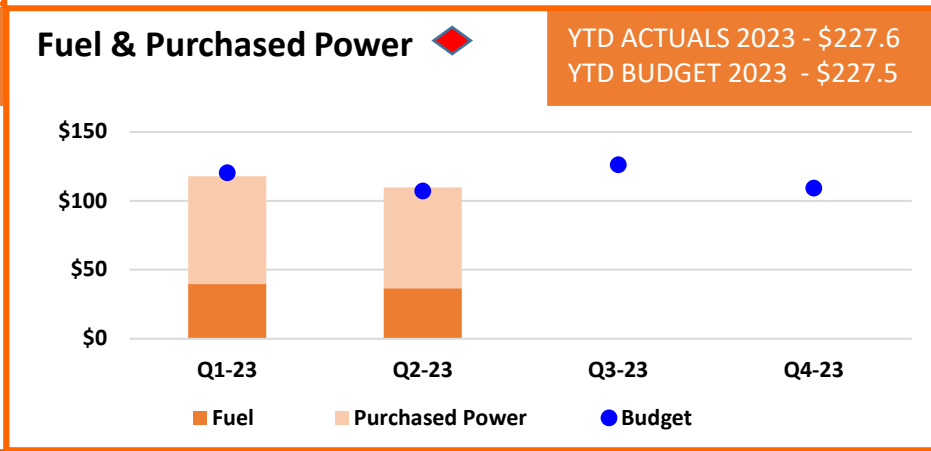
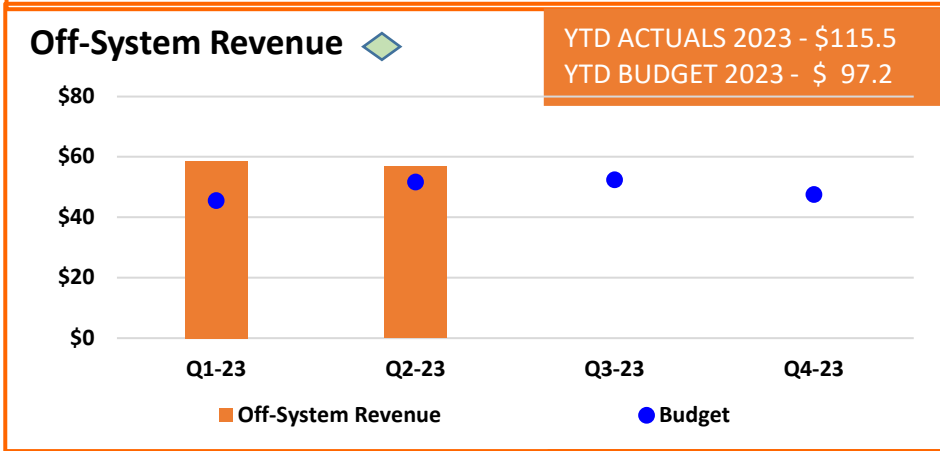
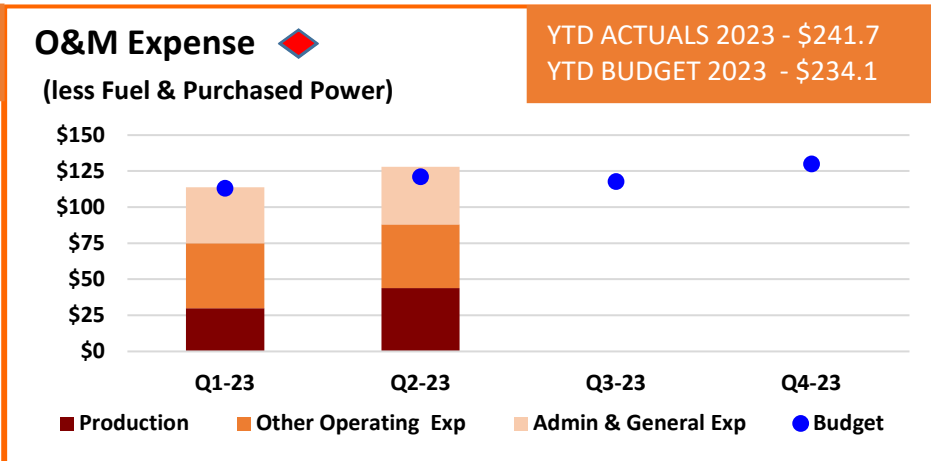
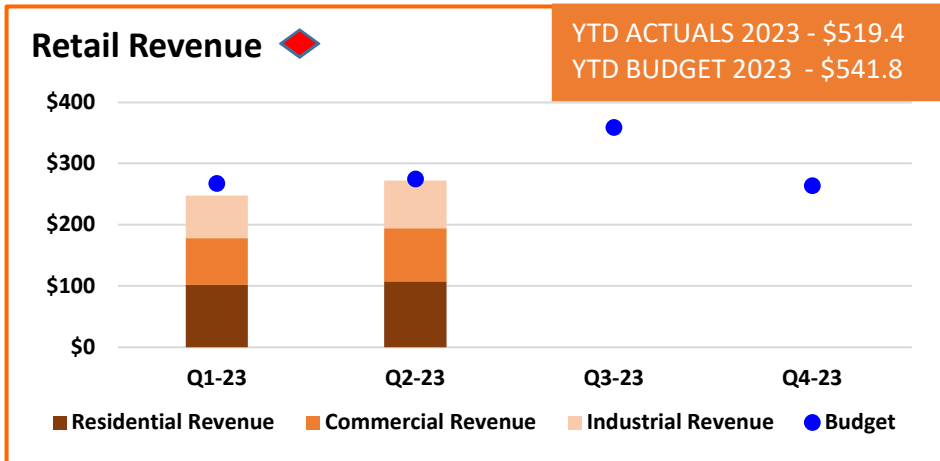
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 \_\_\_\_\_  
 Jeff M. Bishop

### APPROVED FOR REPORTING TO BOARD:

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 L. Javier Fernandez

Attachments: Quarterly Financial Report (Graphs)

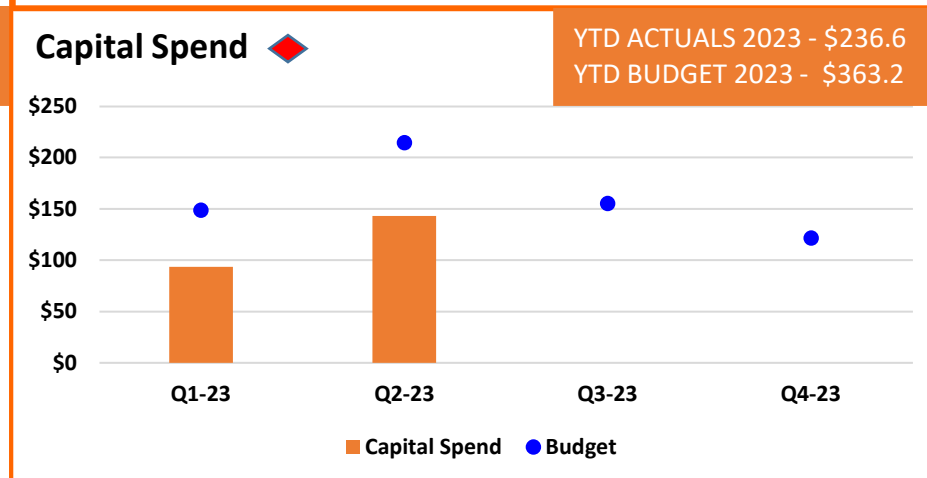
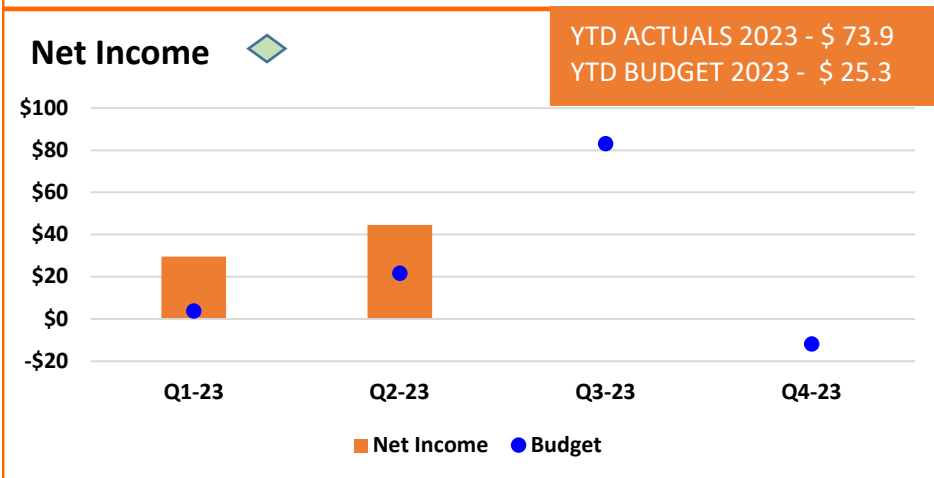
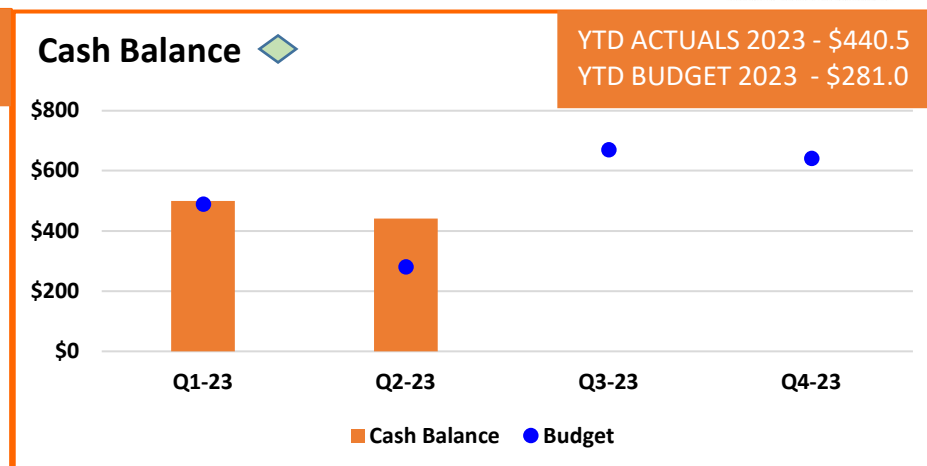
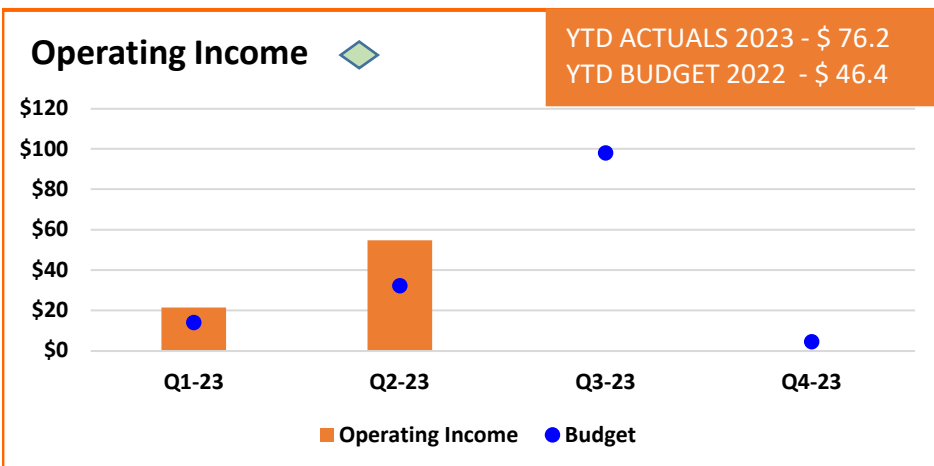
# Q2 2023 Results (\$ Millions)



◇ - Favorable     ◆ - Unfavorable

Unaudited results.

# Q2 2023 Results (\$ Millions)



## SD Impact:

\* **SD-2 Rates** - The 2022 preliminary average retail rate was 10.2% below the North Central regional (as defined) retail average rates, based on 2022 preliminary EIA data.

\* **SD-3 Access to Credit Markets** - The 12-month rolling debt service coverage ratio is 1.93 times through June 2023, and is forecasted at 2.0 times at year end. The District's days of cash on hand is 166 days as of June 30, 2023.

## HIGHLIGHTS:

\* Retail revenues were under budget year-to-date (YTD) by \$22.4 million, or 4.1% due to lower than expected industrial usage from delayed load ramp on anticipated growth. Off-system sales were over budget YTD by \$18.3 million, or 18.8%, primarily due to higher than expected congestion hedging revenue in the second quarter.

\* O&M expense (less fuel and purchased power) was over budget YTD by \$7.6 million, or 3.2%, due to higher than expected production expenses from plant outages. Other expense was under budget YTD by \$36.6 million, or 18.3%, primarily due to lower depreciation expense from new depreciation rates in 2023 and the elimination of funding into the decommissioning trust, which was approved in April 2023.

\* Net income of \$73.9 million YTD was over budget by \$48.6 million, primarily due to higher investment income from positive fair market value adjustments and the operating results addressed above.

\* Capital expenditures were under budget YTD by 34.9%, or \$126.6 million, due to delayed spending primarily on Power with Purpose projects. Cash balances were over budget primarily due to the delayed capital spending.

◇ - Favorable

◇ - Unfavorable

Unaudited results.





# Reporting Item

## BOARD OF DIRECTORS

August 15, 2023

### ITEM

Retirement Plan – Second Quarter 2023

### PURPOSE

To Report the Retirement Plan Fund's Second Quarter 2023 Performance Results

### FACTS

- The Retirement Plan Fund market value at the end of the second quarter was \$1.12 billion. This compares to the market value at the beginning of the quarter of \$1.11 billion. During the quarter, employee contributions were \$4.41 million and OPPD contributions totaled \$15.47 million. Benefit payments totaled \$27.57 million, and the investment market value (net of expenses) was \$20.51 million.
- As of June 30, 2023, the Retirement Fund asset allocation was 53.7% Equity, 32.3% Fixed Income and 14.0% Alternative Assets, which is within the Investment Policy Guidelines approved by the Board.
- The Retirement Plan Fund sector performance (net of fees) was:

<u>Sector</u>	<u>Market Value</u>	<u>Quarterly Return</u>	<u>Index</u>
Domestic Equity	\$345,789,768	7.3%	7.3%
International Equity	\$256,381,273	-0.6%	1.7%
Domestic Fixed Income	\$315,416,533	-0.5%	-0.6%
Global Fixed Income	\$46,153,592	2.5%	1.5%
Private Real Estate	\$93,195,293	-0.7%	-2.9%
Private Credit <sup>(1)</sup>	\$63,391,248	—	—
<b>Total</b>	<b>\$1,120,327,707</b>	<b>2.0%</b>	<b>2.1%</b>

<sup>(1)</sup> Private Credit Managers have not reported 6-30-2023 return data as of this reporting.

- The Domestic Equity Composite returned 7.3% where growth significantly outperformed value as positive Information Technology gains were driven by continued enthusiasm for artificial intelligence. Large cap stocks outperformed small caps. The International Equity Composite returned -0.6%. Emerging markets were up marginally during the quarter.

The Domestic Fixed Income Composite returned -0.5%. The yield curve further inverted with short-term rates rising faster than long-term rates. Sector returns were mostly negative with only the high yield sector and cash delivering positive quarterly returns. The Global Fixed Income Composite returned 2.5%. The U.S. dollar depreciated relative to the yen, pound, and euro.

The Real Estate Composite returned -0.7%. The office sector declined the most relative to other property types, despite moderating depreciation compared to the previous two quarters.

RECOMMENDED:

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

APPROVED FOR REPORTING TO BOARD:

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L. Javier Fernandez  
President and Chief Executive Officer

JMB: jap

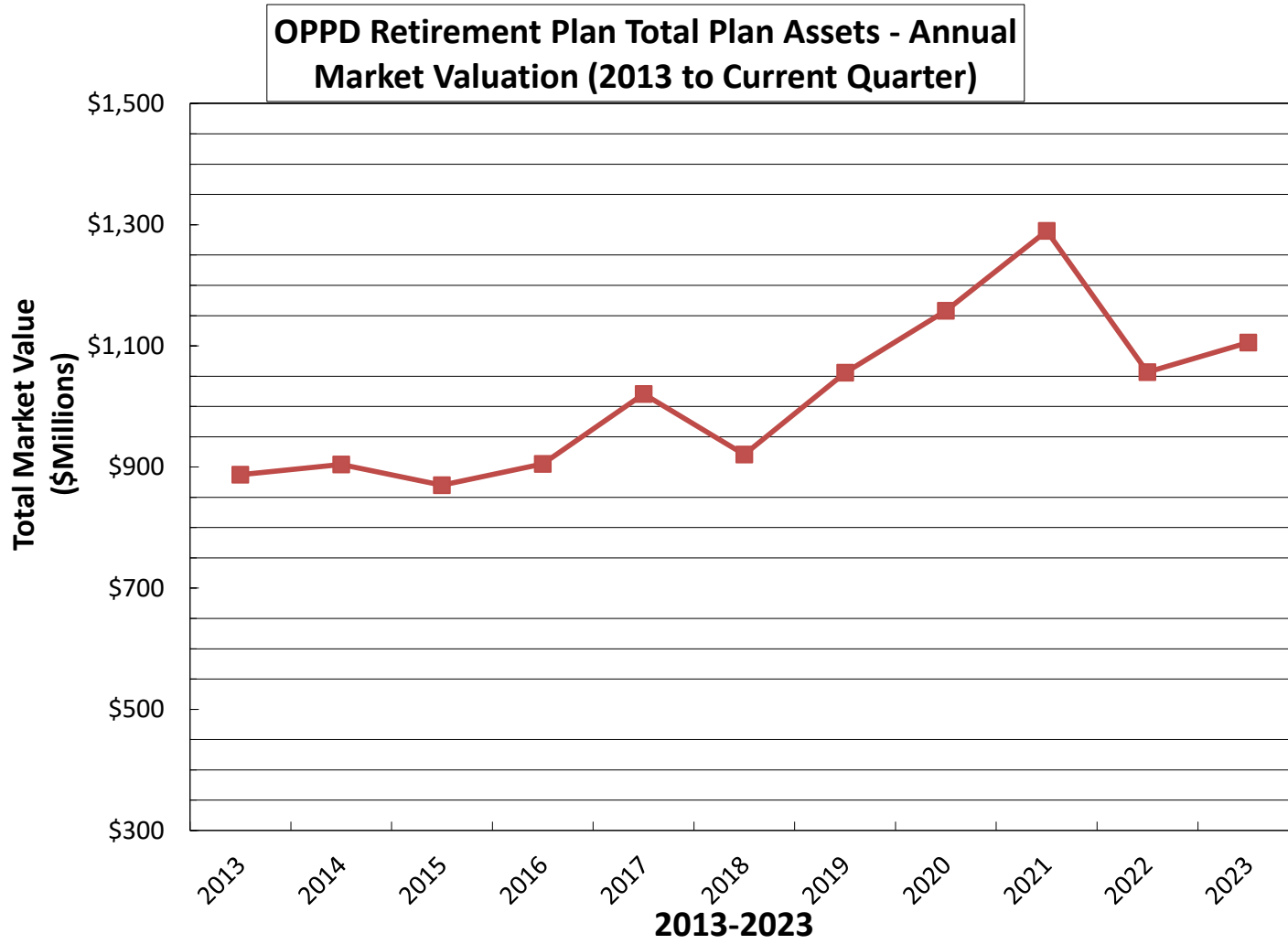
Attachments: Summary of OPPD Retirement Plan Assets  
OPPDP Retirement Plan Total Assets – Annual Market Valuation Graph  
OPPDP Retirement Plan Total Assets – Quarterly Market Valuation Graph

**SUMMARY OF OPPD RETIREMENT PLAN ASSETS  
AS OF JUNE 30, 2023**

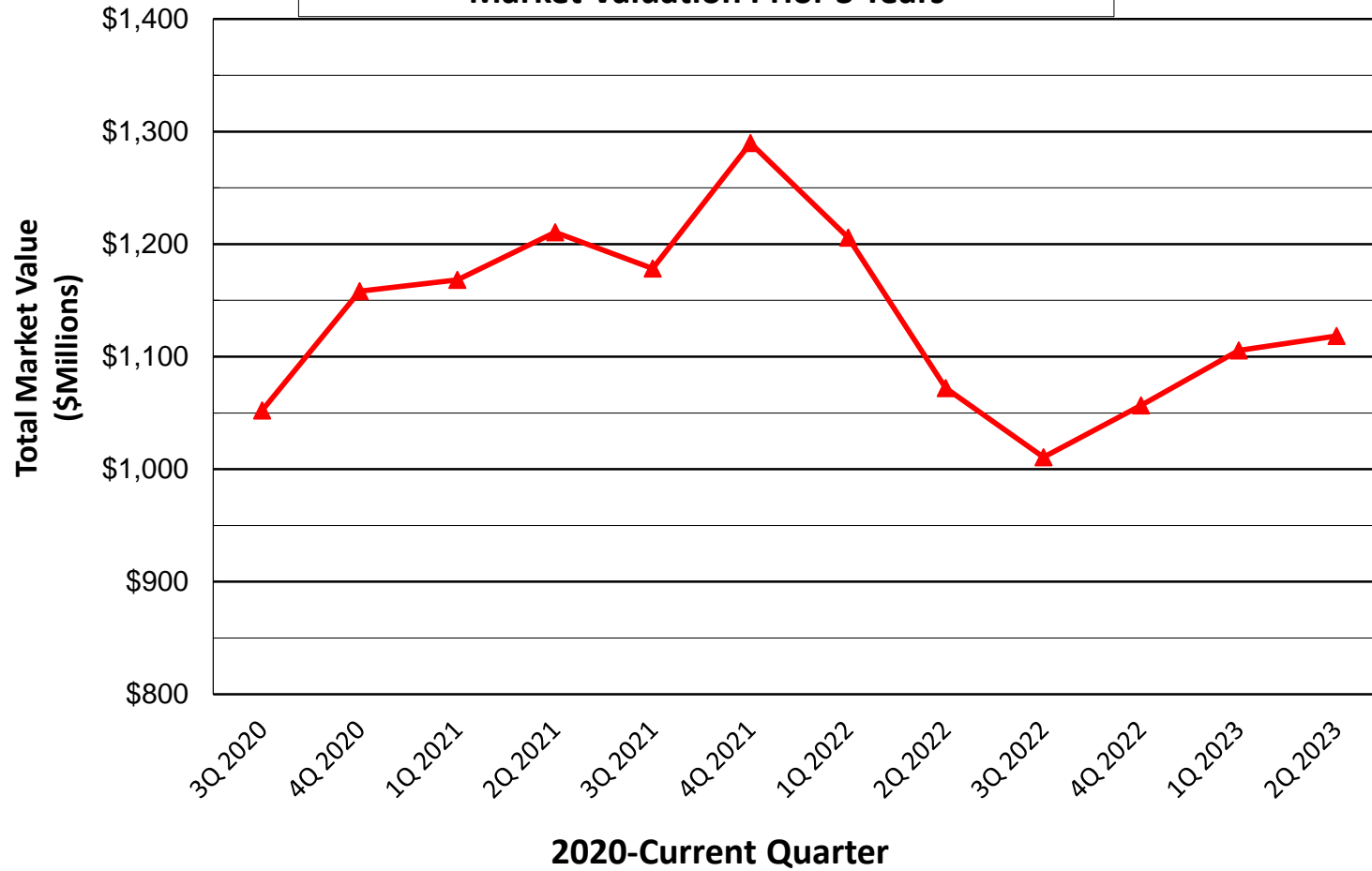
**Manager Valuations, Distributions and Returns(\*)**

	FUND TYPE	TOTAL VALUATION	PERCENT OF FUND	NET OF FEES RETURNS		DIFFERENCE ABOVE/(BELOW) YTD INDEX	
				QUARTERLY	YEAR-TO-DATE		
<b><u>EQUITY MANAGERS:</u></b>							
<b>Domestic Large Capitalization</b>							
	State Street Global Advisors Russell 1000	Index/Core Equity	205,977,667.00	18.4%	8.5%	16.6%	-0.1%
<b>Domestic Middle Capitalization</b>							
	Wellington Management Company LLP	Core/Growth	71,467,942.00	6.4%	2.0%	6.0%	-2.8%
<b>Domestic Small Capitalization</b>							
	LSV Asset Management	Small Capitalization Value	33,785,157.00	3.0%	5.0%	4.7%	2.2%
	Frontier Capital Management	Small Capitalization Growth	34,559,002.00	3.1%	14.4%	23.3%	9.7%
<b>International</b>							
	Global Apha Fund	Small Cap. International	42,910,070.00	3.8%	-3.0%	5.6%	0.1%
	MFS International Equity	International Equity	96,549,673.00	8.6%	-0.6%	9.4%	-2.3%
	OppenheimerFunds, Inc./Invesco	Emerging Markets	54,806,325.00	4.9%	-0.2%	11.1%	6.2%
	Wells Capital Management	Emerging Markets	62,115,205.00	5.5%	1.0%	5.7%	0.8%
Subtotal Equity			<b>\$ 602,171,041.00</b>	<b>53.7%</b>			
<b><u>FIXED INCOME MANAGERS:</u></b>							
<b>Domestic Bonds</b>							
	JP Morgan Investment Management	Investment Grade/Core	72,482,300.00	6.5%	-0.8%	2.4%	0.3%
	Neuberger Berman Fixed Income LLC	High Yield	36,687,251.00	3.3%	1.2%	4.3%	-1.2%
	Reams Asset Management Company	Investment Grade/Core	76,114,680.00	6.8%	-0.7%	2.9%	0.8%
	State Street Global Advisors - Bond Market Index	Investment Grade Index/Core	83,567,694.00	7.5%	-0.8%	2.3%	0.2%
	State Street Global Advisors - TIPS Index	Investment Grade Index/TIPS	27,250,545.00	2.4%	-1.4%	2.0%	0.1%
<b>International Bonds</b>							
	Stone Harbor Investment Partners L.P.	Emerging Markets	46,153,592.00	4.1%	2.5%	5.0%	1.2%
<b>Cash</b>							
	Trustee Cash Management Account	Cash & Cash Equivalents	19,314,063.00	1.7%			
Subtotal Fixed Income			<b>\$ 361,570,125.00</b>	<b>32.3%</b>			
<b><u>ALTERNATIVE ASSETS MANAGERS</u></b>							
	Harrison Street Real Estate Capital	Private Real Estate	47,602,422.00	4.2%	0.4%	0.2%	6.3%
	PGIM Real Estate	Private Real Estate	45,592,871.00	4.1%	-1.9%	-3.6%	2.5%
	Corbin <sup>(1)</sup>	Private Debt Fund	13,305,803.00	1.2%	NA	NA	NA
	Neuberger Berman <sup>(1)</sup>	Private Debt Fund	50,085,445.00	4.5%	NA	NA	NA
Subtotal Alternative Assets			<b>\$ 156,586,541.00</b>	<b>14.0%</b>			
<b>TOTAL</b>			<b>\$ 1,120,327,707.00</b>	<b>100.0%</b>	2.0%	6.8%	0.5%
<b><u>Asset Allocation</u></b>							
EQUITY ALLOCATION			\$ 602,171,041.00	53.7%			
FIXED INCOME ALLOCATION			\$ 361,570,125.00	32.3%			
ALTERNATIVE ASSETS ALLOCATION			\$ 156,586,541.00	14.0%			
			<b>\$ 1,120,327,707.00</b>	<b>100.0%</b>			

(\*) Preliminary Data as of this report.



**OPPD Retirement Plan Total Plan Assets - Quarterly  
Market Valuation Prior 3 Years**





# Reporting Item

## BOARD OF DIRECTORS

August 15, 2023

### ITEM

Rate Design Project

### PURPOSE

To provide an update on the Rate Design Project

### FACTS

- a. In response to the Finance Committee's interest in continuing a robust conversation on rate principle refinement at the District, the Rate Design Project was approved by the Board in April of 2022.
- b. The Rate Design Project includes two phases.
  - a. Phase one, which is intended to align on the principles that will guide future rate design in the near-term and also the long-term, so that OPPD is consistently working towards the long term goals for rates and also align on priorities to create a rate design roadmap. This roadmap will feed into the Biennial Rates Packages, which prioritizes rate work that supports OPPD's rate principles.
  - b. Phase two of the project will be a multi-year execution of the evaluation of new rates, and product and service offerings identified in phase one of the project.
- c. The project working team has completed phase one of the project and has presented the rate design roadmap to the board. Phase two will begin immediately in conjunction with the Biennial Rates Package process.

### RECOMMENDED:

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

### APPROVED FOR REPORTING TO BOARD:

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

JMB:bjs

Attachments: Rate Design Project Phase One Report



# Rate Design Project Phase 1

Jeff Bishop  
Vice President and Chief Financial Officer  
August 15, 2023





# Board Workshop Findings Review

OPPD conducted three board workshops in 2022 to establish rate design principles that will guide future rate design action. The principles include:



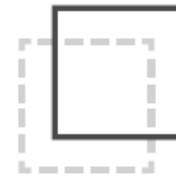
**Fair,  
Reasonable  
and Non-  
discriminatory  
Rates**



**Rate Stability  
and Gradualism**



**Systemic  
Review of  
Affordability**



**Simplicity and  
Transparency**



**Customer  
Choice and  
Flexibility**

# Concept Identification

12 concepts were identified and classified into two groups: General Concepts and Advanced Metering Infrastructure (AMI)-dependent concepts. Broader concepts reflect those currently underway or under evaluation through separate initiatives.

## General Concepts

- Service and Energy Charges for Non-Demand Rate Classes
- All-Electric Rate
- Evolving Industry
- Net Metering
- Bundled Green Power
- Residential Parameters
- Fundamental Procedure Education

## AMI- Dependent Concepts

- Critical Peak Rider
- Electric Vehicle Rate
- Three-part Rate
- TOU Rate
- Shadow Billing

## Broader Concepts

- Affordability
- Bill Redesign and Communication
- Customer Choice and Flexibility
- Education on Identified Topics

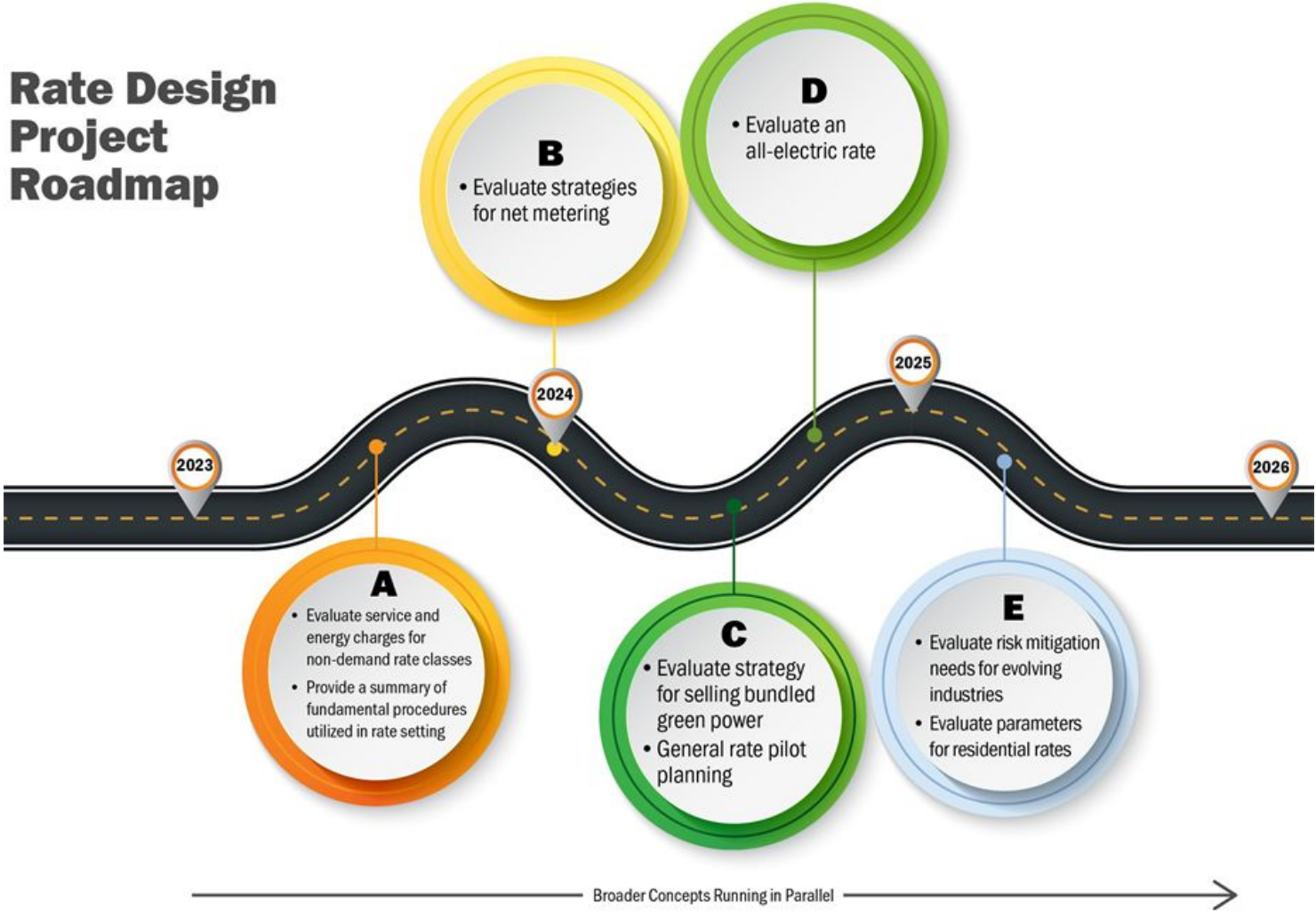
# Concept Ranking

- Concepts evaluated according to the following value attributes:

- Impact Score
- Appropriate Cost Recovery
- Resource Adequacy
- Promotes Conservation
- Addresses Customer Pain Points
- OPPD Financial Stability
- Technical and Operational Complexity
- Brand and Reputation Impact
- Legal and Regulatory Risk
- Outside Drivers (Incentives, Rebates)
- Alignment with PF 2050

Individual Concepts		Overall Rank	Group Rank
General Concepts	Evaluate service and energy charges for non-demand rate classes	1	1
	Evaluate strategies for net metering	5	2
	Evaluate strategy for selling bundled green power	6	3
	Evaluate an all-electric rate	9	4
	Provide a summary of fundamental procedures utilized in rate setting	10	5
	Evaluate risk mitigation needs for evolving industries	11	6
	Evaluate parameters for residential rates	12	7
AMI-Dependent Concepts	Evaluate a time-of-use (TOU) rate pilot strategy	2	1
	Evaluate three-part rate pilot strategy	3	2
	Evaluate a critical peak rider pilot strategy	4	3
	Evaluate an electric vehicle rate pilot strategy	7	4
	Evaluate shadow billing for improving customer choice and flexibility	8	5

# Rate Design Project Roadmap



# Phase 1 Report

- More information around the workshops, selection of principles, development and ranking of concepts, and the roadmap are contained within the final report.
- The final report will be shared on OPPD Community Connect.

**Questions?**





## Pre-Committee Agenda

CUSTOMER AND PUBLIC ENGAGEMENT PRE-COMMITTEE MEETING  
WEBEX VIDEOCONFERENCE  
August 8, 2023 4:00 – 5:00 P.M.

1. Safety Briefing (McAreavey – 2 min)
  - a. Objective: Promote awareness of current safety focus.
2. Legislative and Regulatory Update (Olson – 10 min)
  - a. Objective: Provide brief update on federal legislation from the summer session in Congress.
3. North Omaha Community Outreach Update (Olson – 20 min)
  - a. Objective: Provide brief update on how the community outreach is lately.
4. Near Term Generation Outreach Update (Olson - 15 min)
  - a. Objective: Provide brief update on the outreach effort of NTG.
5. Board Work Plan – Customer and Public Engagement Committee Items (3 min)
  - a. Objective: Discuss Committee items if applicable; otherwise, debrief the new meeting date and time starting in September.
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

August 15, 2023

### ITEM

North Omaha Engagement Plan Update

### PURPOSE

To provide an update on the North Omaha Station outreach and listening phase per board resolution 6518.

### ACTION

Reporting item

#### RECOMMENDED:

DocuSigned by:

*Lisa A. Olson*

46058A9ADE8A409...  
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: North Omaha Station Outreach and Engagement

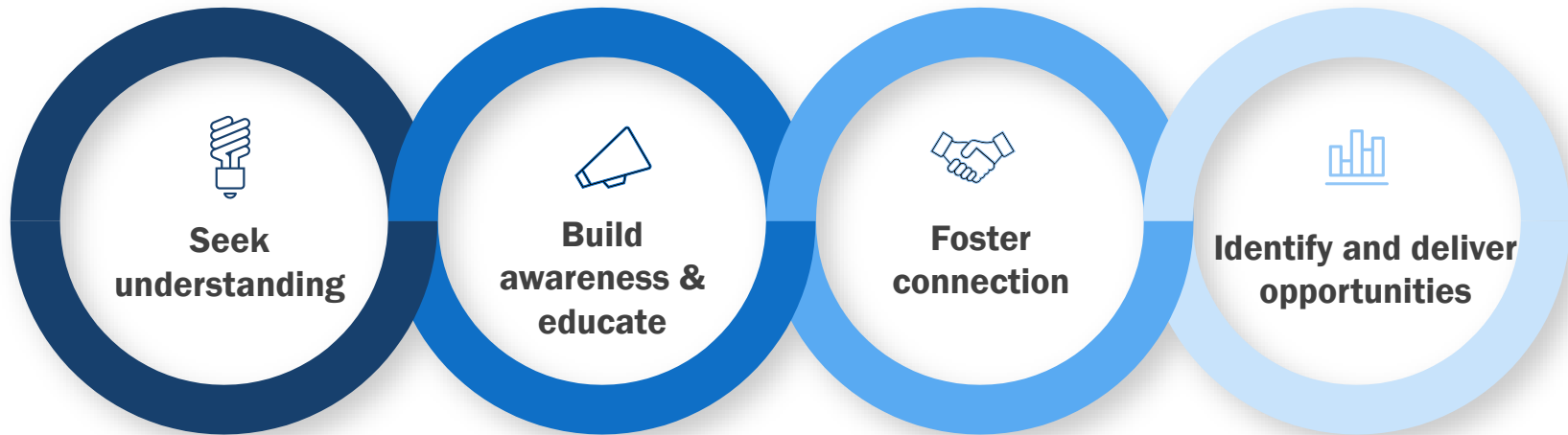


# North Omaha Community Outreach Update

August 15, 2023



# Outreach objectives



**Seek  
understanding**

Listen. Strengthen ongoing lines of communication.

**Build  
awareness &  
educate**

Create opportunities to see and understand what OPPD is doing.

**Foster  
connection**

Show up, listen and serve in the community.

**Identify and deliver  
opportunities**

Identify, develop and deliver opportunities that make an impact.



Listen. Strengthen ongoing lines of communication.

## Listen, learn, strengthen dialogue.

---

### Example actions:

- **Ad-hoc committee engagement.** Engaged in meaningful conversations with North Omaha ad-hoc committee, with next meeting set in August.
- **Quantitative market research.** Efforts to understand service area and North Omaha areas informed approach.
- **Ongoing relationships with community members.** Continued commitment to meeting with community members to understand individual and broader concerns and opportunities.



Create opportunities to see and understand what OPPD is doing.

## Build awareness about OPPD's future plans and strategy.

### Example actions:

- **Targeted message placements.** Focused efforts of illuminate our Future campaign in zip codes surrounding North Omaha station to. Digital ads drive to education on [oppdcommunityconnect.com](http://oppdcommunityconnect.com)
- **Community radio partnership.** Based on feedback following discussions with ad-hoc community, OPPD executed an additional media buy with radio station 87.9 The CLTR.
- **On-air education.** On-air interviews about energy efficiency resources and tips with OPPD's Eric BenSalah and radio host on 87.9 The CLTR.

## Build awareness and educate about available programs and resources.

### Example actions:

- **Assistance program outreach & communication.** Focus on increasing awareness of assistance programs (EAP, LIHEAP, CAP, EEAP)
  - Get Assistance Campaign launch late July to promote EAP, LIHEAP, CAP, EEAP
  - Recruited three new partners agencies to provide additional community access to EAP and CAP
  - Completed three CAP email campaigns that have led to over 500 enrollments in the last three months.
- **High bill outreach campaign.** Completed a High Bill outreach campaign in April & March to promote Payment Installment and EAP. 500 enrollments in the last three months.
- **IRA and IJJA education.** Educated on customer opportunities via IRA and IJJA, including Energy Efficiency incentives and tax credits
- **Greener Together education.** Continued Greener Together program marketing and education.





Show up, listen and  
serve in the  
community.

## Show up, listen and serve where we can be most impactful.

---

### Example actions:

#### **Partner with neighborhood associations on community needs.**

North Omaha Neighborhood Alliance,  
North Omaha Commercial Club,  
Homeowners Association newsletters

#### **Work with nonprofit organizations on volunteerism and events.**

Spark (Juneteenth Joyfest),  
Juneteenth/Freedom Festival, Native  
Omaha Days

#### **Collaborate with community resources and other departments on routine community programming.**

Partnered on launch of first ever  
Metropolitan Community College  
Sustainability Boot Camp for youth

#### **Coordinate educational presentations and events via Speakers Bureau:**

- EPIC for Girls
- Creighton Financial Hope Collaborative
- United Way of the Midlands 100 Year Celebration Community Event at Fontenelle Park
- Hope Center for Kids
- Bobby Byars Safety Day
- Heartland Family Services
- Urban League



Identify, develop and deliver opportunities that make an impact.

## Customer Sales & Service

### Example actions:

#### More energy efficiency and weatherization programming

- As of April 2023, expanded the EEAP to serve single family home renters
- More than half of the homes weatherized through OPPD's program have been in north Omaha
- Brought on two more administrative agencies to increase EEAP access
- PD&M launched website for Customer & Community IRA opportunities

#### Market Greener Together Program

- Florence Futures and No More Empty Pots projects awarded funding through second application round. (Habitat for Humanity a recipient in first round.)

## Human Capital

### Example actions:

- **Partner with secondary educational institutions to form talent pipelines, including:**
  - Metropolitan, Southeast and Northeast Community Colleges
  - University of Nebraska
  - Creighton University
  - Bellevue University, Historically Black Colleges and Universities
- **Collaborate with local workforce development organizations like Heartland Workforce Solutions**
- **Tap into employees with ties to North Omaha.** North Omaha Advisory Board
- **Sponsor community-based events.** Empowerment Network's Rebuilding the Village event in June.
- **Talent Acquisition efforts specific to North Omaha:**
  - OPS – Omaha North High School: Professional Career Day
  - Urban League of Nebraska – Job fair



## Identify and deliver opportunities

Identify, develop and deliver opportunities that make an impact.

## Policy & Grants

### Example actions:

- Tracking more than 200 funding opportunities, including grants, loans, tax incentives, etc.
- Inflation Reduction Act & Infrastructure Investment and Jobs Act work:
  - June 12: Grant Clinic by Grant Professionals Association-NE Chapter, Generations Community Center, 4318 Fort Street
- LB560 support (seeking IRA funds)
- State/Federal policy

## Economic Development

### Example actions:

#### Lead Urban Core

- Assisted in creating Housing and Marketing subcommittee recommendations presented to the larger Urban Core Committee

#### Assist with Business Park planning

- Advising on Business Park planning and strategy

#### Connect & promote small business planning tools

- Engaging with Entrepreneurial Education Committee (EEC) on monthly seminars to support small business development.
- Held conversation with EEC partners regarding SizeUp Nebraska a potential statewide expansion.



### Identify and deliver opportunities

Identify, develop and deliver opportunities that make an impact.

## Environmental

---

### Example actions:

- **Coordinating with local agencies on air monitoring plan.**  
Discussions continue with Nebraska Department of Environment & Energy (NDEE) on the applicability of additional regulatory monitor.
- **Directing local agencies for existing air quality alerts.**  
Expecting to add information directing those with questions on air quality to the appropriate program.
- **Advocating for North Omaha infrastructure through advisement of the City's Climate Action Plan.**  
Met with City's consultant on needed data.
- **Review availability of emissions data on oppd.com.**  
Reviewed options; expect to place additional information on the more granular emission data available on EPA's website.



# Reporting Item

## BOARD OF DIRECTORS

August 15, 2023

### ITEM

Legislative and Regulatory Update

### PURPOSE

To provide an update on 2023 state and federal legislative matters, local government affairs and regulatory matters.

### FACTS

- a. Nebraska's 108<sup>th</sup> Legislature 1<sup>st</sup> session began on January 4, 2023 and ended on June 1, 2023.
- b. The 118<sup>th</sup> Congress began on January 3, 2023 and is expected to end January 3, 2025.

### ACTION

Reporting item

#### RECOMMENDED:

DocuSigned by:

*Lisa A. Olson*

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Lisa A. Olson

Vice President – Public Affairs

#### APPROVED FOR REPORTING TO BOARD:

DocuSigned by:

*L. Javier Fernandez*

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L. Javier Fernandez

President and Chief Executive Officer

Attachment: Local, State and Federal Update



# Government Affairs Update

August 15, 2023





# Legislative and Regulatory Update



# Federal Bills of Interest

## Permitting Reform

- Several bills introduced in both House and Senate
- Key issues
  - National Environmental Policy Act (NEPA) reform
  - Transmission
    - Cost allocation
    - Interregional planning
  - Endangered Species Act (ESA) reform
  - Judicial reform
  - All forms of energy included



# Federal Bills of Interest

- Electric vehicles
- Inflation Reduction Act repeals
- Nuclear
  - Streamline permitting
  - Funding
  - Fuel from safer places
- Environmental, social, and governance (ESG) bills
- Restore advanced refunding
- Cyber security reporting
- Drones
- Low Income Home Energy Assistance Program (LIHEAP) – increased funding

# Frequent Congressional Questions

- Concern over proposed EPA regulations
- Transformer manufacturing and DOE standards
- Continuation of permitting reform
- Direct pay under IRA (do not take it away)
- Domestic content rules and direct pay provisions



# Local Update



# Local Update on Visits and Contacts

- Sarpy County Commissioners
- Cass County Commissioners
- Mayor of Louisville
- Louisville City Council
- Cass County Planning Chairman
- Cass County Planning and Zoning Administration
- MAPA on joint strategic planning opportunities
- City of Papillion
- City of Springfield
- City of Ashland
- Village of Waterloo
- Villages of Manley
- Village of Murray
- Douglas County Commissioners
- Omaha City Council
- Village of Hooper
- Louisville City Administration
- Weeping Water City Council
- City of Omaha
- Ralston City Council
- City of Fort Calhoun
- Village of Mead
- City of Bennet
- City of Dunbar
- Saunders County Commissioners

## Key projects and areas of focus include:

- Participating in Cass-to-Sarpy Transmission Project local leader meetings and open houses in both Springfield and Louisville
- Working directly with stakeholders in York County and communities involving K-Junction Solar
- Hosting Coffee with the CEO sessions



## Pre-Committee Agenda

SYSTEM MANAGEMENT & NUCLEAR OVERSIGHT  
PRE-COMMITTEE MEETING  
WEBEX VIDEOCONFERENCE  
August 2, 2023, 4:00 – 5:30 P.M.

1. Safety Briefing (Pohl – 2 min)
  - a. Objective: Promote awareness of current safety focus.
2. Large Project Updates (Via – 25 min)
  - a. Objective: Provide status updates on Power with Purpose and Fort Calhoun Decommissioning projects.
3. Near Term Generation Update & SD-9: Integrated Systems Planning Language Revisions (Underwood – 12 min)
  - a. Objective: Discuss progress on revision language for Strategic Directive 9 in preparation for August all-committee meeting.
4. Power with Purpose Generation Update (Underwood – 8 min)
  - a. Objective: Provide a progress update on generation projects.
5. Advanced Metering Infrastructure Program Update (Underwood – 20 min)
  - a. Objective: Provide a progress update on Advanced Metering Infrastructure program deployment.
6. August Board Approval Items (Via – 5 min)
  - a. Objective: Discuss board approval items.
7. Summary (Pohl – 3 min)
  - a. Objective: Summarize direction provided by the committee.



# Board Action

## BOARD OF DIRECTORS

August 15, 2023

### ITEM

Award RFP No. 6069 Fall 2023 Transmission Construction

### PURPOSE

Board of Directors authorization to award a contract for construction services regarding transmission system modifications.

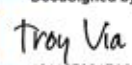
### FACTS

- a. Relocation of a 345kV transmission line is required for a customer project.
- b. Five (5) wood 345kV structures were identified to be near the end of their useful life and will be replaced.
- c. Ten (10) wood 345kV structures were identified for replacement as part of uprating the line capacity in support of load growth in the service territory.
- d. Retirement of 3.1 miles of 69kV line that is no longer needed and has reached the end of useful life.
- e. Reconfiguration of overhead 69kV and 161kV lines in preparation for an underground 69kV project.
- f. Construction labor includes structure erection and framing, installation of conductor and shield wire, and removal of existing structures, conductor, shield wires, and transmission line hardware.
- g. Five (5) proposals were received. Four (4) proposals are legally responsive, and one (1) is legally non-responsive. Three (3) of the four (4) legally responsive proposals are also technically responsive.
- h. Construction to begin in September 2023 and conclude in December 2023.
- i. The bid from High Voltage Inc was evaluated to be the lowest and best bid.

### ACTION

Authorization by the Board to award a labor contract to High Voltage Inc in the amount of One Million, Six Thousand, Six Hundred Eighty-One Dollars and Twenty-Four Cents (\$1,006,681.24) for the procurement of construction services to construct and modify the transmission lines based on the evaluation of RFP No. 6069 Fall 2023 Transmission Construction.

### RECOMMENDED:

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

### APPROVED FOR BOARD CONSIDERATION:

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

TRV:sjh

Attachments: Analysis of Proposals  
Tabulation of Bids  
Legal Opinion  
Resolution



## MEMORANDUM

Date: August 4, 2023

From: D. D. Buelt

To: T. R. Via

RFP No. 6069  
 “Fall 2023 Transmission Construction”  
Analysis of Proposals

### 1.00 GENERAL

RFP No. 6069 was advertised for bid on June 15, 2023.

Contract scope of work includes a transmission line relocation for a customer, replacement of five (5) structures at the end of their useful life, replacement of ten (10) structures for line uprate, retirement of 3.1 miles of line that are no longer needed and at the end of useful life, and the reconfiguration of overhead facilities in preparation for an underground transmission project.

Construction is scheduled to begin September 2023 and conclude December 2023.

Two (2) Letters of Clarification (LOC) were issued. One (1) to provide clarification on the technical aspects of the project requested by the bidder and one (1) to clarify the start date in the High Voltage Inc proposal, as the completion date was filled in for both the start and completion.

No Addendums were issued.

Proposals were requested and opened at 2:00 p.m., C.D.T., Thursday, July 13, 2023.

Engineer’s Estimate was \$ 1,200,000.

Five (5) total proposals were received. The proposals received are summarized in the table below:

Bidder	Lump Sum Firm Price	Legally Responsive	Technically Responsive
High Voltage Inc	\$ 1,006,681.24*	Yes	Yes
The L.E. Myers Company	\$ 1,049,804.44	Yes	No
Ward Electric Company, Inc.	\$ 1,907,256.09	Yes	Yes
Brink Constructors Inc.	\$ 2,454,280.29	No	N/A
Watts Electric Company	\$ 2,907,401.27	Yes	Yes

\* Corrected from Lump Sum Firm Price read aloud during bid opening to include all items from price quotation summary worksheet.

T.R. Via  
August 4, 2023  
Page 2 of 2

## 2.00 COMPLIANCE WITH CONTRACT TERMS AND GENERAL REQUIREMENTS

OPPD's legal counsel deemed the proposal from Brink Constructors Inc. as legally non-responsive and cannot be considered by the Board of Directors for the award of this contract, for stating that pricing was subject to change and not providing a firm price.

OPPD's legal counsel noted that the proposal response from The L.E. Myers Co. included minor revisions to certain contract provisions; however, the alternate terms are minor, thus the proposal was deemed legally responsive.

The other remaining proposals from High Voltage Inc, Ward Electric Company, Inc., and Watts Electric Company were deemed to be legally responsive.

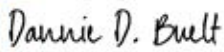
## 3.00 COMPLIANCE WITH TECHNICAL REQUIREMENTS

The proposal received from The L.E. Myers Co. took numerous exceptions and clarifications to the price proposals that would subjectively change the price of the work. Based on an economic evaluation of the clarifications with the scope of work included in the contract, the proposal from The L.E. Myers Co. was deemed technically non-responsive.


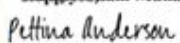
All remaining legally responsive proposals were deemed technically responsive.

## 4.00 RECOMMENDATION

On the basis of compliance with the legal and technical requirements of the specifications, cost evaluations performed, and guaranteed completion dates, it is recommended that RFP No. 6069 Fall 2023 Transmission Construction be awarded to High Voltage Inc for the evaluated amount of One Million, Six Thousand, Six Hundred, Eighty-One Dollars and Twenty-Four Cents (\$1,006,681.24).

DocuSigned by:  
  
Dannie Buelt, P.E.  
Director Engineering  
Utility Operations



<p align="center"><b>TABULATION OF BIDS</b>                  Opened at 2:00 p.m., C.S.T., Thursday,                  July 13, 2023, in Omaha, Nebraska</p>	<p align="center"><b>REQUEST FOR PROPOSAL NO. 6069</b>  <b>2023 Fall Transmission Construction</b></p> <p align="right">Page 1 of 2</p>			<p>DocuSigned by:    <small>0474420F76EE400</small>                  Director</p> <p><del>Supply Chain Management</del>    <small>5A1505F8B704CC</small>                  Compiled by and Certified Correct</p>							
<p align="center">Anticipated Award Date                  August 18, 2023</p>				<p align="center"><b>BIDDER'S NAME &amp; ADDRESS</b></p>							
<p align="center"><b>ENGINEER'S ESTIMATE</b>                   \$1,200,000.00</p>				<p align="center">The L.E. Myers Co                  1405 Jackson Street Marshalltown,                  IA, 50158</p>	<p align="center">Ward Electric Company, Inc.                  9586 E. 1-25 Frontage Rd. Ste. B                  Longmont, CO, 80504</p>	<p align="center">High Voltage Inc                  P.O. Box 428                  Vernal, UT, 84078</p>					
<p align="center"><b>BID ITEM</b></p>	<p align="center"><b>SUPPLIER'S BID</b></p>	<p align="center"><b>SUPPLIER'S BID</b></p>	<p align="center"><b>SUPPLIER'S BID</b></p>								
<p><b>1. Price Proposal:</b>                   Lump sum firm price ("Contract Price") to perform all Work as specified. Total of all bid items from price quotation summary tab of "Attachment A" worksheet and reflected on page 23 of this RFP.</p> <p><b>2. Completion Date Guarantee(s):</b></p> <table border="1" data-bbox="352 1153 867 1498"> <tr> <td>Start Installations: September 18, 2023</td> </tr> <tr> <td> </td> </tr> <tr> <td>Complete Installations: December 29, 2023</td> </tr> <tr> <td> </td> </tr> <tr> <td> </td> </tr> <tr> <td> </td> </tr> <tr> <td> </td> </tr> <tr> <td> </td> </tr> </table>	Start Installations: September 18, 2023		Complete Installations: December 29, 2023						<p align="center"><u>\$1,049,804.44</u></p> <p align="center"><u>Guaranteed Completion Date</u></p> <p align="center"><u>September 18, 2023</u></p> <p align="center"><u>December 29, 2023</u></p> <p align="center">-</p> <p align="center">-</p>	<p align="center"><u>\$1,907,256.09</u></p> <p align="center"><u>Guaranteed Completion Date</u></p> <p align="center"><u>September 18, 2023</u></p> <p align="center"><u>December 29, 2023</u></p> <p align="center">-</p> <p align="center">-</p>	<p><u>Contract Price read at bid opening:</u>  <u>\$958,744.04</u>  <u>\$958,744.04</u></p> <p><u>Contract Price including change order allowance: \$1,006,681.24</u></p> <p align="center"><u>Guaranteed Completion Date</u></p> <p align="center"><u>September 18, 2023</u></p> <p align="center"><u>December 29, 2023</u></p> <p align="center">-</p> <p align="center">-</p>
Start Installations: September 18, 2023											
Complete Installations: December 29, 2023											



<p align="center"><b>TABULATION OF BIDS</b> Opened at 2:00 p.m., C.S.T., Thursday, July 13, 2023, in Omaha, Nebraska</p>	<p align="center"><b>REQUEST FOR PROPOSAL NO. 6069</b> <b>2023 Fall Transmission Construction</b></p> <p align="right">Page 2 of 2</p>		<p>DocuSigned by: <i>Steven Palmer</i> <small>01714202F790C492</small> Director</p> <p>Supply Chain Management <i>Pettina Anderson</i> <small>8A18234EAD784CC</small> Compiled by and Certified Correct</p>								
<p align="center">Anticipated Award Date August 18, 2023</p>											
<p align="center">ENGINEER'S ESTIMATE</p> <p align="center">\$1,200,000.00</p>											
<p align="center">BID ITEM</p>	<p align="center"><b>BIDDER'S NAME &amp; ADDRESS</b></p>										
	<p>Watts Electric Company      13351 Dover Street                  Waverly, NE, 68462</p>	<p>Brink Constructors Inc.      2950 North Plaza Drive              Rapid City, SD, 57702</p>									
	<p align="center">SUPPLIER'S BID</p>	<p align="center">SUPPLIER'S BID</p>	<p align="center">SUPPLIER'S BID</p>								
<p><b>1. Price Proposal:</b> Lump sum firm price ("Contract Price") to perform all Work as specified. Total of <u>all</u> bid items from price quotation summary tab of "Attachment A" worksheet and reflected on page 23 of this RFP.</p> <p><b>2. Completion Date Guarantee(s):</b></p> <table border="1" data-bbox="319 1156 848 1489"> <tr> <td>Start Installations: September 18, 2023</td> </tr> <tr> <td> </td> </tr> <tr> <td>Complete Installations: December 29, 2023</td> </tr> <tr> <td> </td> </tr> <tr> <td> </td> </tr> <tr> <td> </td> </tr> <tr> <td> </td> </tr> <tr> <td> </td> </tr> </table>	Start Installations: September 18, 2023		Complete Installations: December 29, 2023						<p align="center"><u>\$2,907,401.27</u></p> <p align="center"><u>Guaranteed Completion Date</u></p> <p align="center"><u>September 18, 2023</u></p> <p align="center"><u>December 29, 2023</u></p> <p align="center">-</p> <p align="center">-</p> <p align="center">-</p>	<p align="center"><u>\$2,454,280.29</u></p> <p align="center"><u>Guaranteed Completion Date</u></p> <p align="center"><u>September 18, 2023</u></p> <p align="center"><u>December 29, 2023</u></p> <p align="center">-</p> <p align="center">-</p> <p align="center">-</p>	<p align="center">\$ _____</p> <p align="center"><u>Guaranteed Completion Date</u></p> <p align="center">-</p> <p align="center">-</p> <p align="center">-</p>
Start Installations: September 18, 2023											
Complete Installations: December 29, 2023											



Stephen M. Bruckner  
ATTORNEY  
402.978.5225  
sbruckner@fraserstryker.com  
fraserstryker.com

July 20, 2023

Omaha Public Power District  
444 South 16<sup>th</sup> Street  
Omaha, NE 68102

RE: Request for Proposal No. 6069 – Fall 2023 Transmission Construction (RFP No. 6069)

Ladies and Gentlemen:

We have reviewed the five (5) proposals received in response to RFP No. 6069 and provide the following legal opinion.

The proposal of Brink Constructors, Inc. states that the price set forth in the proposal is subject to change. The proposal further states that final quantities are subject to change and that the proposal is subject to mutual agreement of the parties. This is a sealed bid contract, which requires bidders to respond to the contract documents contained in the bid package and to submit a firm price. The Brink proposal is legally non-responsive to RFP No. 6069 and cannot be considered for the award of this contract.

The proposal of L.E. Myers Company includes limited exceptions to the construction services contract. We have reviewed the exceptions, and they are legally acceptable. The remaining three proposals do not contain substantive exceptions to the contract documents.

Subject to the foregoing comments and the District's technical and economic evaluation, all proposals received for RFP No. 6069, except the proposal of Brink Constructors, Inc., may be considered by the District's Board of Directors for the award of this contract. The form of performance and payment bond also must be approved by the Board.

Very truly yours,

A handwritten signature in blue ink, appearing to read 'Stephen M. Bruckner', written over a light blue horizontal line.

Stephen M. Bruckner  
FOR THE FIRM

SMB:sac  
3036733

Fraser Stryker PC LLO

500 Energy Plaza, 409 South 17th Street, Omaha, NE 68102 — TEL: 402.341.6000 — FAX: 402.341.8290



Moody/Via

**RESOLUTION NO. XXXX**

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

**REQUEST FOR PROPOSAL (RFP) NO. 6069  
2023 FALL TRANSMISSION CONSTRUCTION**

**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 High Voltage Inc in the amount of \$1,006,681.24 for the procurement of construction services to construct and modify the transmission lines pursuant to Request for Proposal No. 6069 is hereby accepted, and the form of payment and performance bond of such bidder is approved.



# Reporting Item

## BOARD OF DIRECTORS

August 15, 2023

### ITEM

Advanced Metering Infrastructure (“AMI”) Update

### PURPOSE

Provide the Board of Directors with an update on progress toward AMI and the ecosystem of supporting technologies.

### FACTS

1. As part of the Electric System Evaluation & Modernization strategic initiative, OPPD developed a cross functional, integrated vision, roadmap, and business case for the modern OPPD electric system and supporting technologies which includes the AMI ecosystem.
2. The AMI ecosystem program will enable two-way communication, provide detailed energy usage data to help customers make informed decisions, improve account access and self-service, enhance reliability through improved operations capability, provide better outage information, and set the stage for future interactive, customized products & service options.
3. OPPD has made several key vendor and strategic partner selection decisions that support program goals.
4. An AMI Accelerator organization has been established and is being staffed with both technical and craft professionals to stand up AMI functionality in support of the program.

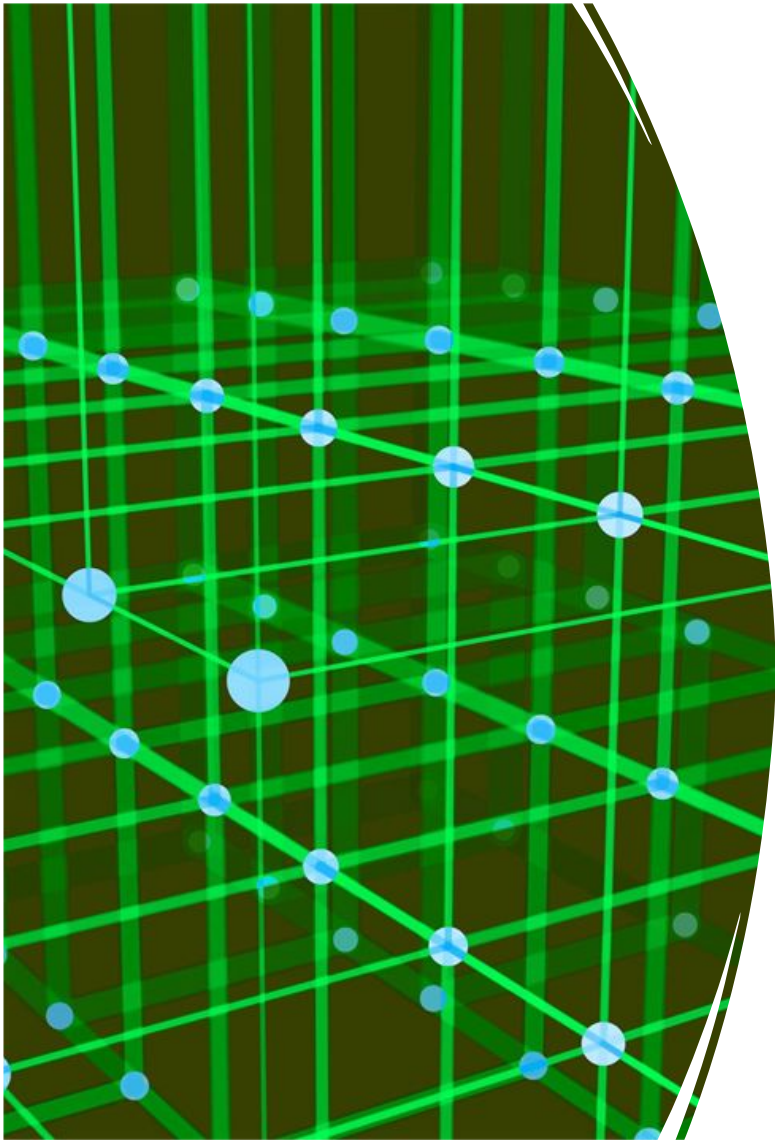
### RECOMMENDED:

DocuSigned by:  
*Bradley Underwood*  
D76A0627F515458  
Bradley R. Underwood  
Vice President – Systems  
Transformation

### APPROVED FOR REPORTING TO BOARD:

DocuSigned by:  
*L. Javier Fernandez*  
AC309EDCE96247E  
L. Javier Fernandez  
President and Chief Executive Officer

BRU:as



# AMI Program Update

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Presenter: Aaron Smith - Director of  
Distributed Device Strategy

# AGENDA

- AMI ecosystem
- Launch benefits
- Progress
- Partner support
- Upcoming



# Powering the Future to 2050

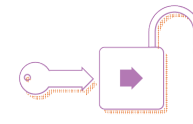
## 5 YR PRIORITIES

- Resource Adequacy
- Technology Transformation & Investment
- Two-way Communication & Engagement
- Master Facilities Plan

## LONG-TERM VISION



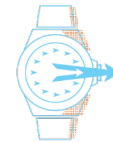
Perfect  
Power



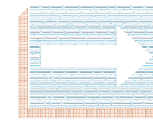
Customer  
Freedom



Cleaner  
World



Future Ready  
Posture



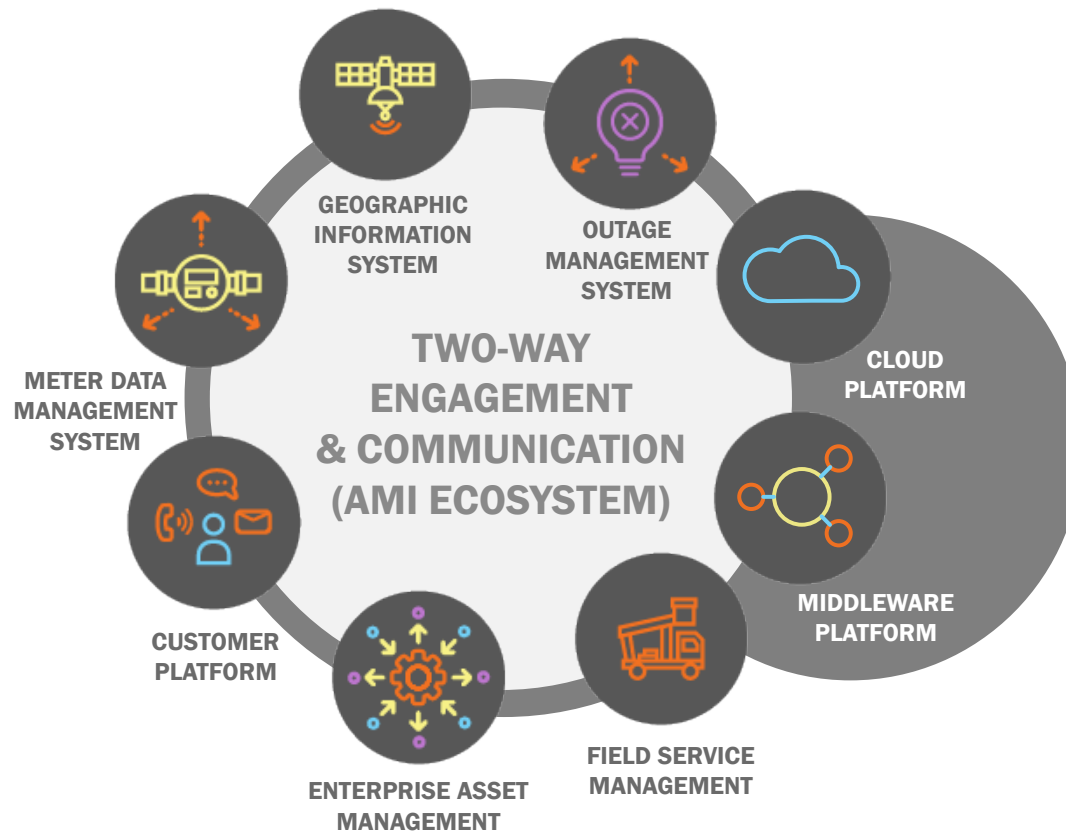
Digitally  
Driven



Purpose  
Driven Culture



# AMI Transformation



# Primary Benefits

## Customers

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Better outage information, including outage map and text alerts

Detailed energy usage data to help customers make informed decisions that could save them money and reduce energy use

Improved self-service for accessing account

## OPPD

---

Modernize distribution operations

Mature project and change management capabilities

Operate with leading utility practices

Enable technology that will make OPPD more agile in future

## Long-term possibilities

---

Self-healing grid w/ automated devices

Distributed resource integration

EV enablement and integration

More visibility into asset health and improved asset management district-wide

\$30 – 50M net benefit in increased productivity, better grid control, more effective operations (over 20-year life)

# Primary Risks

Schedule

Cost

Technology  
Adoption

Data Governance

Vendor / Partner  
Management

Business Process  
Change

# Progress

## CHANGE MANAGEMENT

- Identified vendor and internal support
- Analyzing process changes
- Communicating program vision
- Developing change and communication plan



## PROGRAM MANAGEMENT

- Created governance for clear decision-making and alignment
- Determining the key functionality needed now
- Aligning projects for launch and risk management



## AMI TRANSFORMATION ORGANIZATION

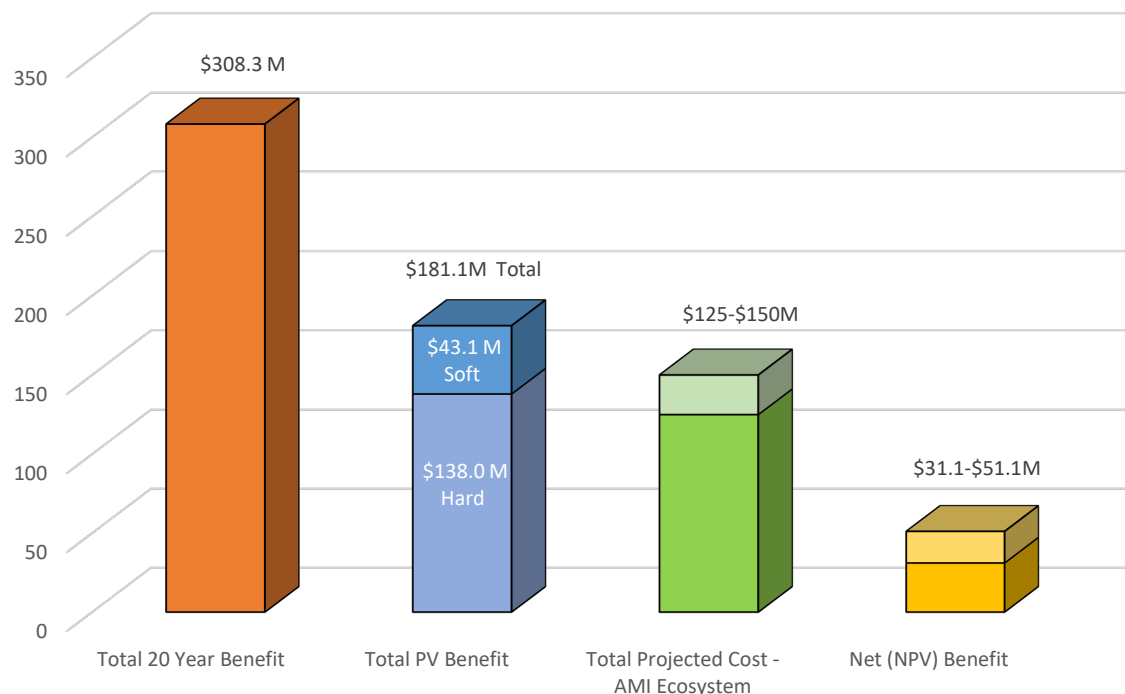
- Launched AMI accelerator
- Posting and hiring roles to support startup and long-term AMI vision
- Craft professionals with technical staff



# Business Case Summary

Benefit Categories	
Remote On/Off	Volt/Var Optimization
Reduced Meter Readings	Avoided Meter Replacement
Reduction in "No Trouble Found" calls	Reduced Capital Spend on Dist. System
Reduced Bad Debt	Outage Restoration
Revenue Assurance	Greenhouse Gas Reduction
Load Curtailment	Dynamic Pricing – TOU Rates
Customer Notifications	Momentary Outage & PQ Monitoring

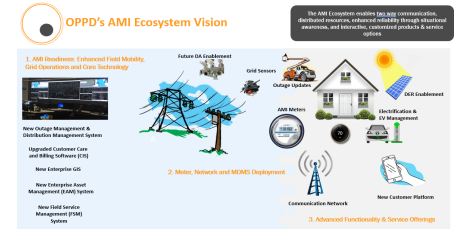
Figure 1 Projected AMI Benefit



Soft Benefits = Efficiency Gains & Customer Benefits

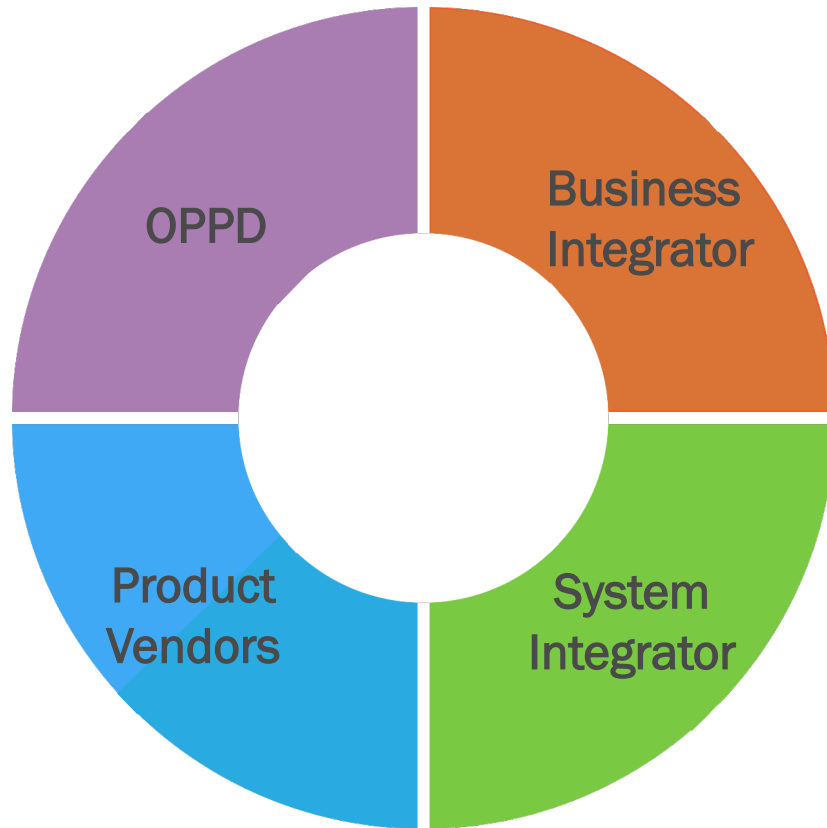
Hard Benefits = Cost & Revenue Benefits

# Key Decisions



	<b>esri</b> <sup>™</sup>	<b>osi</b>	<b>SEW</b>	<b>IBM maximo</b>		<b>Landis+Gyr</b> manage energy better
	<b>Geographic Information System</b>	<b>Outage Management System</b>	<b>Field Service Management</b>	<b>Enterprise Asset Management</b>	<b>Customer Platform</b>	<b>AMI Meters &amp; MDMS</b>
<b>Vendor</b>	ESRI	OSI	SEW	Maximo	TBD	Landis & Gyr
<b>Initial Deployment</b>	2024	2025	2025	2025	2025	2025--2028

# Partner Ecosystem



*Diversity of partners mitigates risk.*

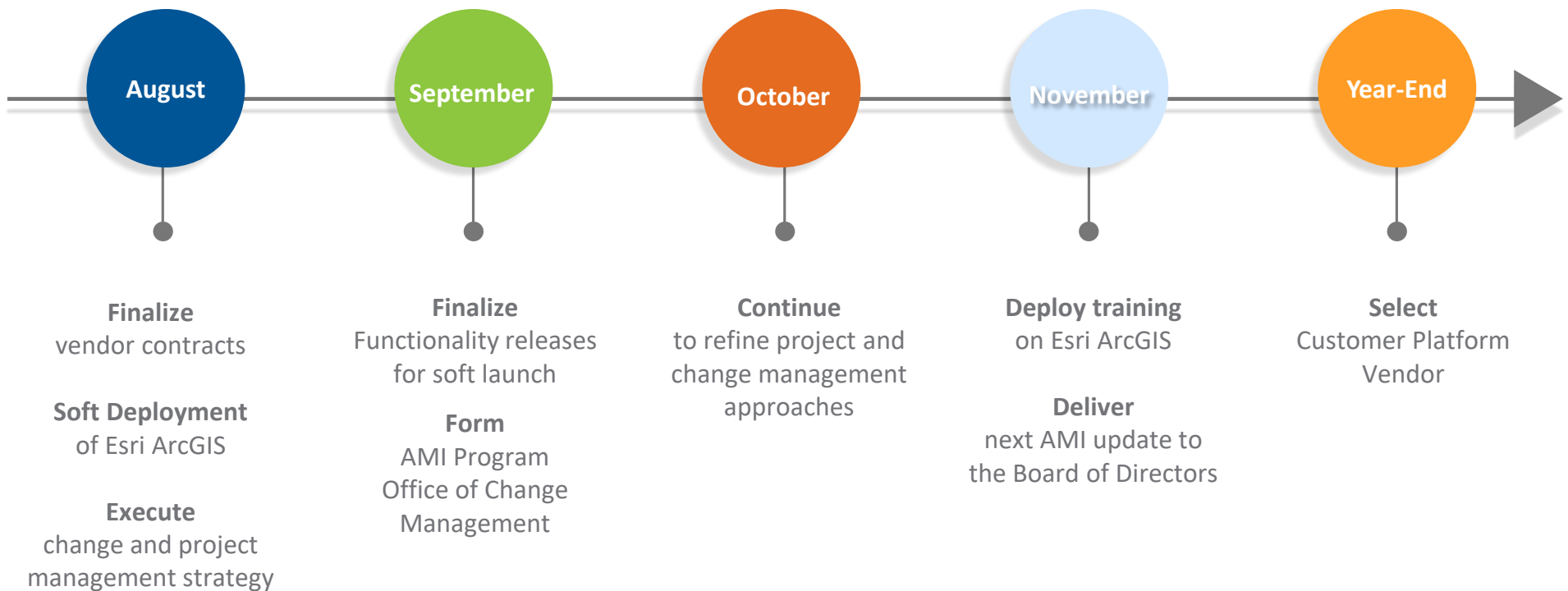
**Business integrator:** Manages process and people change

**System integrator:** Implements and ensures technical systems work together

**Product vendors:** Provide applications and equipment (meters)

**OPPD:** Provides vision, oversight, decision-making and alignment for OPPD needs

# Upcoming Milestones









# Board Action

August 15, 2023

## ITEM

SD-9: Integrated System Planning

## PURPOSE

To ensure full board review, discussion and acceptance of SD-9: Integrated System Planning.

## FACTS

- a. The Systems Management and Nuclear Oversight Committee is responsible for evaluating and monitoring Board Policy SD-9: Integrated System Planning.
- b. The Systems Management and Nuclear Oversight Committee proposed revisions for Board consideration and public feedback on July 22, 2023. Public comments were accepted on OPPDCommunityConnect.com from July 24, 2023 to August 13, 2023.
- c. The Systems Management and Nuclear Oversight Committee is recommending to the Board that Board Policy SD-9: Integrated System Planning be revised as outlined in Exhibit A.


## ACTION

Board of Directors approval of SD-9: Integrated System Planning policy, as outlined in Exhibit A.


### RECOMMENDED:

DocuSigned by:  
  
D76A6627FE154F0...  
Bradley R Underwood  
Vice President, Systems Transformation

### APPROVED FOR BOARD CONSIDERATION:

DocuSigned by:  
  
AC399FD0E56247E...  
L. Javier Fernandez  
President and Chief Executive Officer

Attachments: Exhibit A – SD-9: Integrated System Planning Policy Revision  
Exhibit B – Presentation  
Resolution

	<b>OMAHA PUBLIC POWER DISTRICT Board Policy</b>	<b>Category:</b>	Strategic Direction
	<b>Policy No. and Name:</b>  <b>SD-9: Integrated System Planning</b>	<b>Monitoring Method:</b>	System Management and Nuclear Oversight Committee
		<b>Frequency:</b>	Annually
<b>Date of Approval:</b>	October 15, 2015 April 21, 2022 August 18, 2022 [insert date]	<b>Resolution No.:</b>	6082 6494 6516 [XXXX]

Integrated System Planning is the ecosystem of planning processes used to efficiently integrate the transmission system, supply and demand side resources, and the increasingly complex distribution system. Through Integrated System Planning efforts, OPPD will continually plan for, adapt to, and enable both the needs of our customers and the rapidly transforming electric industry. Successful planning will ensure both a reliable electric system and the resiliency of the system and its components to prepare for, withstand, respond to, adapt to and quickly recover from a non-routine event.

OPPD shall:

- Ensure that year-round supply-side and demand-side resource capacity exceeds forecasted load in compliance with resource adequacy and planning reserve margin requirements of OPPD’s regional balancing authority.
- Ensure compliance with applicable planning related North American Electric Reliability Corporation Reliability Standards including consideration of Essential Reliability Services.
- Ensure planning accounts for potential extreme weather events, changes to demand-side and supply-side regional resources and extended periods of low energy production by variable energy resources.
- Compute resource adequacy metrics that quantify the ability of OPPD’s resources to meet its forecasted electric demand:
  - Measure the frequency with which a system’s demand is expected to be met by system capacity over a period of time.
  - Measure the percentage of total energy that a system is projected to be able to serve over a period of time.
- Update the board on at least a quarterly basis as to its progress in developing new bulk electric system resources, engage the board in key decisions, and obtain annual board affirmation on current plans for developing new bulk electric system resources.
- Achieve the following resource volumes by dates indicated:

RESOURCES (Nameplate or Peak Tested Capacity)	RANGE OF INCREMENTAL ADDITIONS (MW)
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Contracted by the end of 2027	75MW
<b>Dual Fuel Combustion Turbines</b>	<b>600 – 950 MW</b>
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<b>Demand Response</b>	<b>Minimum of 32 MW</b>
<b>On-site fuel oil storage for year-round accreditation for approximately 320 megawatts (MW) of existing natural gas-fueled generation assets</b>	<b>Approximately 320 MW</b>
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**\*TERMS AND DEFINITIONS**

**Bulk Electric System:** Facilities and control systems necessary for operating an interconnected electric energy transmission network (or any portion thereof) and electric energy from generating facilities needed to maintain transmission system reliability.

DRAFT



# Near Term Generation

Brad Underwood

Vice President, Systems Transformation

August 15, 2023



# Purpose

Review OPPD's near-term generation needs and proposed revisions to Strategic Directive (SD) 9

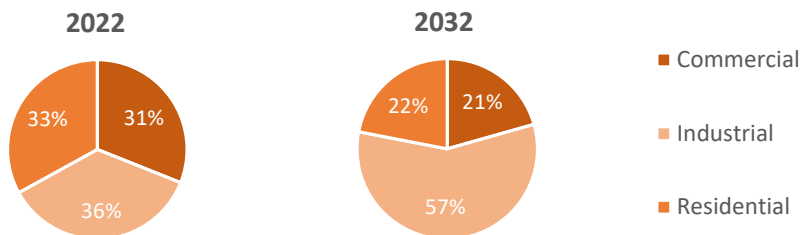
## Agenda

- Review “Near Term Generation” proposal
- Discuss proposed revisions to SD-9: Integrated System Planning

# Key Drivers

## Residential, Commercial, Industrial Growth

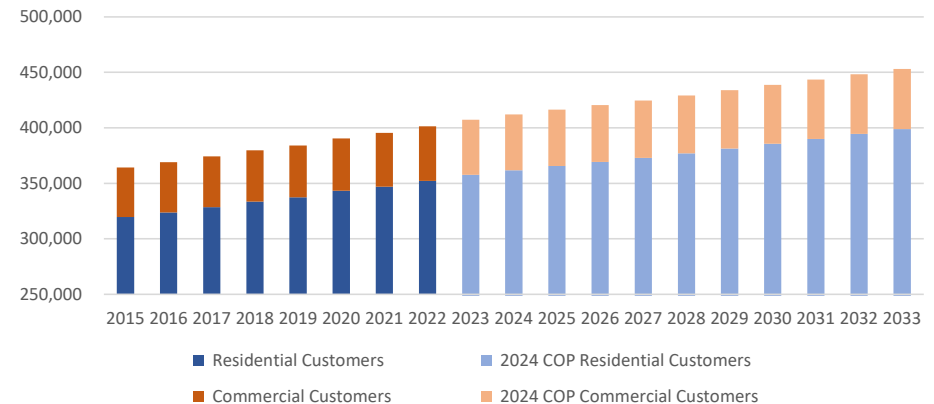
- Multi-year load growth is exploding:
  - Residential, Commercial and Industrial loads
- Largest consumption expansion primarily in the industrial class.
  - Data centers are supporting more of our daily functions.



### Planned Industrial Load Growth

- Electrification
- Biotech
- Manufacturing
- Data Centers (Fintech)
- Food Processing
- Agricultural Processing

**Average Annual Commercial and Residential Customers**  
Historic Actual and 2024 COP Forecast





# Load Growth & Implications

## Customers and Other Agencies/Organizations are Waiting and Taking on Risk

- Some customers are taking **financial risk** while OPPD thoughtfully works to plan for and deliver service to their projects.
  - Energy service delays can disrupt land availability, supply chain, permitting and cost plans on customer projects.
- Without **clarity of service timelines** provided by a defined resourcing plan, projects may decide to look **outside of eastern Nebraska**.
- Many of these projects involve state agencies, counties, cities and other infrastructure – **working in parallel** – that are essential to supporting these customer projects and potential OPPD service uncertainty places risks to others.
- Many local and state **programs and incentives** being offered to assist these businesses and service uncertainty places risk on state and local financial economic development packages.



# Call to Action

## Abnormally Long Lead Times

- Manufacturing production slots are being occupied at increasing volumes for **long lead time, major equipment purchases** (i.e. step up transformers).
  - Over the last few quarters, the completion dates continue to extend at a concerning rate.
- In addition to manufacturing production slots, workforce availability for specialty firms offering **Engineer, Procure and Construction services remains challenged**.
- If supply resources are not secured and “deliverable” to OPPD load by 2028, **the District faces a significant forecasted capacity deficit**.



Image credit: Shutterstock/Alexey Krav

# Board Feedback


## Near Term Generation Governance

- Broad support for the technical recommendation but uncertainty remained around how the Board would interact with Management in key decision making and project execution.
- The Systems Management and Nuclear Oversight Committee consolidated board feedback for expectations related to decision making and execution.
- These expectations can be summarized in the following themes:
  - Frequency of Board updates on progress
  - Board involvement in key decisions
  - Annual board affirmation of current plans
  - Chronological goals for resource contracting
- The Systems Management and Nuclear Oversight Committee recommends to the Board that a revision to “SD-9: Integrated System Planning” is the best place to house the Board’s expectations of Management.



# SD-9: Resource Planning Board Policy Refinement Discussion



	<b>OMAHA PUBLIC POWER DISTRICT Board Policy</b>	<b>Category:</b>	Strategic Direction
	<b>Policy No. and Name:</b>  <b>SD-9: Integrated System Planning</b>	<b>Monitoring Method:</b>	System Management and Nuclear Oversight Committee
		<b>Frequency:</b>	Annually
<b>Date of Approval:</b>	October 15, 2015 April 21, 2022 August 18, 2022	<b>Resolution No.:</b>	6082 6494 6516

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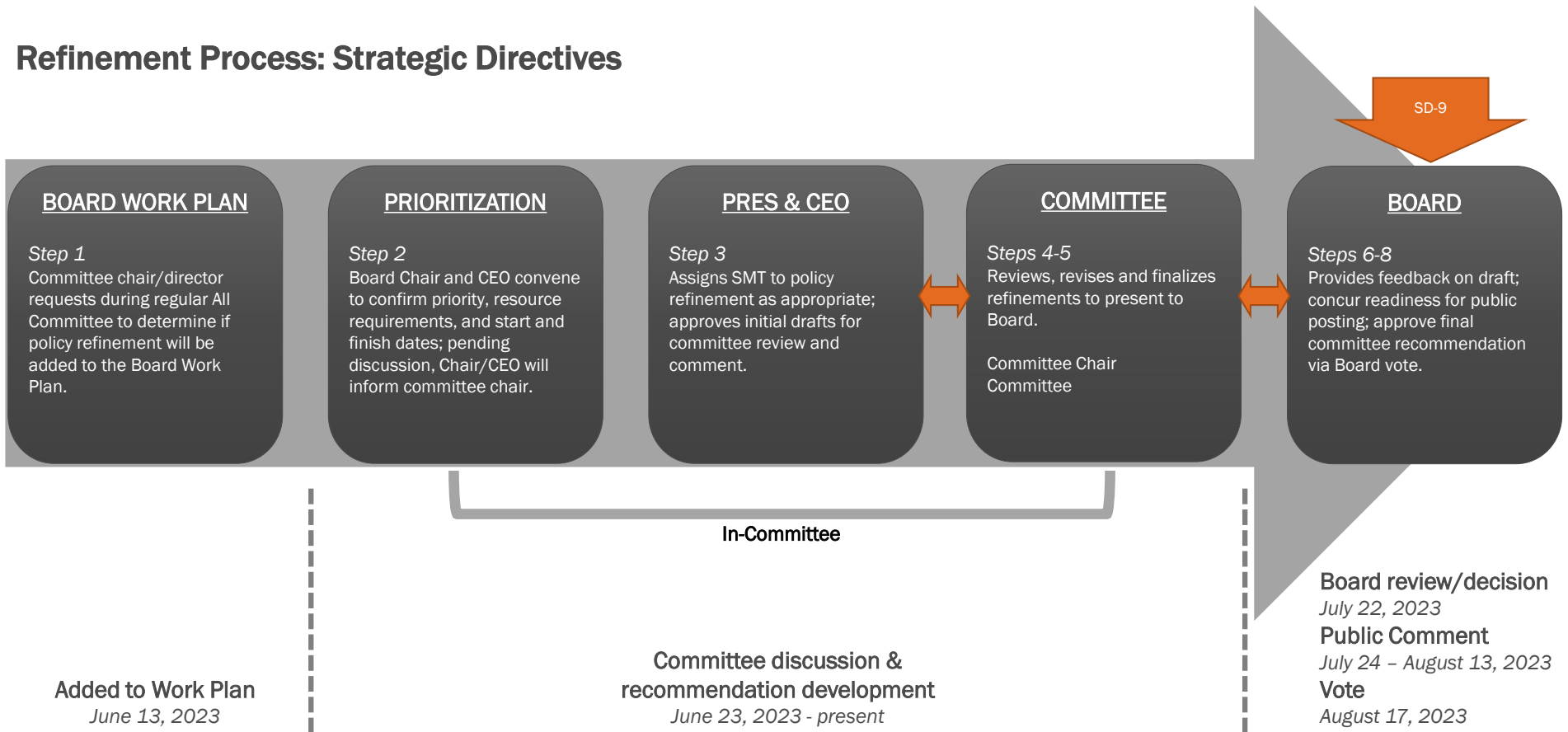
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"Governance exists in order to translate the wishes of an organization's owners into organizational performance."  
 - John Carver



## Refinement Process: Strategic Directives




# System Committee Review: July 13, 2023

Is there anything that requires further clarification?

Is there anything you especially like?

Is there anything that you'd like the Committee to consider before moving this forward for public review and comment?

 Omaha Public Power District	<b>OMAHA PUBLIC POWER DISTRICT Board Policy</b>	<b>Category:</b> Strategic Direction	System Management and Nuclear Oversight Committee
	<b>Policy No. and Name:</b> SD-9: Integrated System Planning	<b>Monitoring Method:</b> Annually	<b>Resolution No.:</b> 6082 6494 6516 [XXXX]
<b>Date of Approval:</b>	October 15, 2015 April 21, 2022 August 18, 2022 [insert date]		

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Contracted by the end of 2025	320MW

**\*TERMS AND DEFINITIONS**

**Bulk Electric System:** Facilities and control systems necessary for operating an interconnected electric energy transmission network for any portion thereof and electric energy from generating facilities needed to maintain transmission system reliability.



## Feedback & Outreach – July 24 to August 13, 2023

### Board Feedback

- Alterations were made to account for enhanced governance related to OPPD’s “Near Term Generation” proposal and included the following subjects:
  - Frequency of Board Updates on progress
  - Board involvement in key decisions
  - Annual board affirmation of current plans
  - Chronological goals for resource contracting

### Outreach Effort

- Posted on OPPD Community Connect July 24<sup>th</sup>
  - 23 comments received
- Board/Executive Leadership Team Contact Center
  - 5 comments received



## Next Step

- Option 1: Board Resolution and Vote
- OR
- Option 2: Additional Committee Deliberation





Moody/Underwood

**RESOLUTION NO. XXXX**

**WHEREAS**, since June 2023, the Board's System Management and Nuclear Oversight Committee (the "Committee") requested, and the Board of Directors ("Board") reviewed, a recommendation to revise Board Policy SD-9: Integrated System Planning; and

**WHEREAS**, the proposed revisions were posted on OPPDCommunityConnect.com for public comment between July 24, 2023 and August 13, 2023, and the Board reviewed the public comments that were received.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Directors of the Omaha Public Power District that the proposed revisions of Board Policy SD-9: Integrated System Planning are approved, effective August 17, 2023, as set forth in Exhibit A, attached hereto.

DRAFT

# Near Term Generation

Brad Underwood

Vice President Systems Transformation

August 15, 2023



# Resource Acquisition Schedule

## Board Changes to SD-9: Integrated System Planning

- Update the board on at least a quarterly basis as to its progress in developing new bulk electric system resources, engage the board in key decisions, and obtain annual board affirmation on current plans for developing new bulk electric system resources.
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# Board Action

## BOARD OF DIRECTORS

August 15, 2023

### ITEM

Near Term Generation

### PURPOSE

Authorize Management to negotiate and enter into contracts for the sourcing of the recommended portfolio to meet future load growth in an affordable, reliable and environmentally sensitive manner.

### FACTS

1. Dating back to the beginning of 2023, OPPD has provided multiple and consistent closed session and open board updates to discuss the historic load growth in our communities which exceed the load growth from Power with Purpose.
2. Power with Purpose assets provide critical accredited capacity and electricity, as well as support reliability and resiliency and provide generation diversity for customer owners. These assets are projected to meet our immediate needs, but more load growth is projected.
3. While OPPD has been sourcing the Power with Purpose resources for the community, a number of changes have occurred. Over the last few years, planning reserve margins have increased, as well as the frequency and severity of both regional advisories and emergency energy alerts. Additionally, there is a projected decline in Southwest Power Pool regional resource volumes that may contribute to alerts in the future. Finally, peak demand increases are forecasted, and challenges persist related to constructing and interconnecting new resources as well as likely incremental planning reserve margin increases. The confluence of these circumstances requires more electric supply resources for OPPD customers.
4. OPPD presented a recommendation in May 2023 guided by our regulatory obligation, mission and strategic directives to ensure sufficient energy supply is available for the future of our community. OPPD seeks Board action to authorize Management to negotiate and enter into contracts for the sourcing of the recommended portfolio.

### ACTION

Authorization by the Board to negotiate and enter into contracts for the sourcing of the recommended portfolio to meet future load growth and energy needs with accredited capacity generation sources and maintain system reliability and resiliency. Authorization shall include all necessary contracts, facilities, infrastructure, assets, equipment, real estate, permits, products, purchases, services and the fulfillment of all requirements necessary for on-site fuel storage, renewable generation assets and/or purchases, energy storage, and dual fuel-capable electrical generation assets, and supporting infrastructure, including fuel conversion related equipment and services, fuel supply, substations and transmission and distribution infrastructure.

#### RECOMMENDED:

DocuSigned by:

*Bradley Underwood*

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Bradley R. Underwood

Vice President – Systems Transformation

#### APPROVED FOR BOARD CONSIDERATION:

DocuSigned by:

*L. Javier Fernandez*

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L. Javier Fernandez

President and Chief Executive Officer

BRU:cmk

Attachments: Engineer's Certificate  
Legal Opinion  
Resolution

## ENGINEER'S CERTIFICATION

Omaha Public Power District (OPPD) has performed an analysis to determine generation technologies to achieve its mission to provide affordable, reliable, and environmentally sensitive energy services to its customers, including maintaining a reliable and resilient power grid capable of achieving local resource adequacy with a generation resource mix that provides adequate summer and winter accredited capacity. The analysis demonstrates that an integrated generation project that includes combinations of renewable energy resources such as photovoltaic (PV) solar facilities and wind energy facilities, dual-fueled (natural gas and fuel oil) generation equipment, such as combustion turbines, energy storage equipment, such as utility scale batteries, and the addition of onsite fuel storage at certain existing OPPD natural gas plant sites, including conversion-related equipment and services, for year round accreditation of existing natural gas-fueled generation assets will appropriately meet the growing OPPD customer electric load and capacity needs, increase seasonal resource adequacy requirements, and maintain acceptable levels of resiliency and reliability while optimizing affordability and environmental sensitivity. This resource mix directionally aligns with OPPD's Pathways to Decarbonization study and Power with Purpose initiative.

OPPD intends to enter into contracts to design, engineer, procure, construct, own and operate and/or to acquire output from PV solar facilities and wind facilities of varied capacity at location(s) yet to be determined and fulfill all requirements, activities and purchases necessary in OPPD's discretion to enable the full utilization of such facilities including but not limited to supporting generation-related and electric substation, distribution and transmission infrastructure equipment.

OPPD intends to enter into contracts to design, engineer, procure, construct, own and operate and/or to acquire output from energy storage equipment and/or facilities of varied capacity at location(s) yet to be determined and fulfill all requirements, activities and purchases necessary in OPPD's discretion to enable the full utilization of such facilities including but not limited to supporting generation-related equipment, energy storage equipment, and electric substation, distribution and transmission infrastructure equipment and purchases.

OPPD intends to enter into contracts to design, engineer, procure, construct, own and operate dual-fueled simple cycle combustion turbine electric generation assets and facilities, including the associated local fuel transportation infrastructure and enter into one or more contracts to construct onsite fuel storage, and the conversion to dual fuel of existing natural gas-fueled generation assets and fulfill all requirements, activities and purchases necessary in OPPD's discretion to enable the full utilization of such facilities. OPPD will solicit proposals from qualified contractors, suppliers and counter parties for the desired mix of renewable PV solar and wind generation, energy storage, dual-fuel combustion turbine generation, dual-fuel conversion facilities, and onsite fuel storage resources and fulfill all requirements, activities and purchases necessary in OPPD's discretion to enable the full utilization of such facilities including all necessary supporting generation-related equipment, fuel storage equipment, energy storage equipment, and electric substation, distribution and transmission infrastructure equipment.



Renewable energy resources may be sourced through an engineer, procure, and construct (EPC) or other competitive contracting process, or through purchased power agreements. OPPD intends to utilize an EPC contracting process to source the dual-fuel generation assets, and potentially other assets, in order to have a single point of responsibility for all performance, engineering, procurement, and construction tasks. OPPD will solicit competitive proposals from qualified contractors and may contract with one or more major equipment suppliers or EPC contractors depending on the planned generation portfolio and project risk mitigation strategies. A negotiated contract process is necessary to provide the appropriate project details for OPPD to evaluate the contractors' plans and capabilities, allowing selection of the contractor(s) that provide(s) the best value for OPPD and its customer-owners.

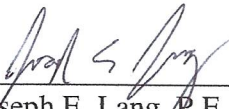
The undersigned certifies that use of the sealed bidding requirements of Nebraska statutes, specifically Nebraska Revised Statutes 70-637 to 641, is impractical and not in the public interest for the following reasons:

- As explained further below, the equipment needed for this project is technologically complex and unique.
- The design of each PV solar facility, wind facility, and energy storage equipment/facility is unique to the location at which it is sited. Substantial design and engineering work is required to integrate the PV systems, wind systems, and energy storage systems into the existing environment, topography, and existing conditions at the project sites, including the necessary interconnection requirements. Various tracker and mounting designs, PV modules, inverters, and other appurtenant equipment can be used to complete a project, all of which have unique characteristics that must be fully understood when integrating them into a viable project with maximized annual energy production. OPPD highly desires electric system ancillary services as part of this project, such as voltage support and frequency control. These services may not be a familiar aspect to all potential contractors, which may introduce a need for significant communication between OPPD and prospective bidders.
- The dual-fueled combustion turbine electrical generation equipment, fuel conversion-related components, and onsite fuel storage equipment is technically complex and requires integration with other plant systems to optimize performance and to obtain equipment/generating station performance guarantees.
- A negotiated contract process will allow OPPD to take advantage of an EPC contractor's expertise to optimize power plant design and construction requirements through contractor communications during the negotiation phase.
- A negotiated contract provides the proper mechanism to develop optimal pricing, terms, and conditions with acceptable contractual risk mitigation.

- Contracting expediency is of utmost importance to obtain long lead time generation items and supporting equipment. Such equipment includes but is not limited to power transformers and generation turbine equipment.
- The Southwest Power Pool (SPP) generation interconnection process is severely backlogged and contributes to the uniqueness of generation projects that have certain status within that process to work toward obtaining a generation interconnection agreement (GIA). A GIA is required under the SPP Open Access Transmission Tariff to permit the injection of energy into the electrical grid and wholesale energy market.

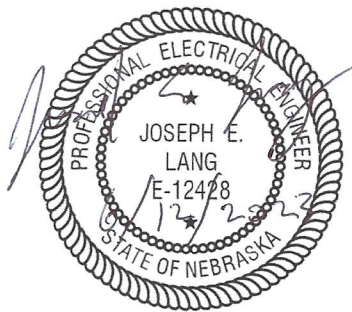
Pursuant to Section 70-637 of the Nebraska Revised Statutes, the Board of Directors is requested to approve this Engineer's Certification and authorize Management to negotiate and enter into contracts to provide all design, engineering, procurement, and construction services for photovoltaic solar facilities, wind facilities, energy storage facilities, natural gas-fueled generating facilities (with dual-fuel capability), and the associated local fuel transportation infrastructure, onsite fuel storage equipment, and fulfill all requirements, activities and purchases necessary in OPPD's discretion to enable the full utilization of such facilities including but not limited to all necessary supporting generation-related equipment, and electric substation, transmission and distribution infrastructure related to the generation and capacity resources, without use of the sealed bidding provisions of Sections 70-637 to 70-641 of the Nebraska Revised Statutes.

I, Joseph E. Lang (Licensed Professional Engineer in the State of Nebraska), certify the above to be true and correct to the best of my knowledge and belief.

  
\_\_\_\_\_  
Joseph E. Lang, P.E.

E-12428  
License No.

6/12/2023  
Date





# FRASER STRYKER

PC LLO

LAWYERS

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

June 12, 2023

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

RE: Near Term Generation Project - Engineer's Certification

Ladies and Gentlemen:

We have reviewed the Engineer's Certification of Joseph E. Lang, P.E., a registered professional engineer in the State of Nebraska employed by the District. Mr. Lang's Certification explains that the District has conducted a detailed analysis to determine near-term generation needs to serve growing customer load, maintain a reliable and resilient power grid, and address increased regulatory margins for capacity. He further explains that the District intends to enter into contracts to design, procure, construct, own and operate various generation, transmission, and related facilities, to include renewable energy facilities or power purchases, dual-fueled natural gas generation facilities, and energy storage. Mr. Lang certifies that the use of the statutory sealed bidding process would be impractical and not in the public interest, and sets forth the reasons supporting that Certification.

Section 70-637 of the Nebraska Revised Statutes authorizes the District's Board of Directors, by a two-thirds vote, to approve an Engineer's Certification for technologically complex projects for which sealed bidding would be impractical and not in the public interest, and to authorize the District to enter into a contract or contracts to complete the project. The District is required to advertise its intention to enter into any such contract in three (3) issues of a newspaper of general circulation within the District's service area, with not less than seven (7) days between issues. The contract cannot be entered into sooner than twenty (20) days after the last advertisement.

It is our opinion that Mr. Lang'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(s) for the near term generation resources and related equipment and services as described in the Certification and proposed Board resolution. We recommend that any such contract(s) be subject to review and approval by the District's general counsel.



Very truly yours,

A handwritten signature in blue ink, appearing to read "Stephen M. Bruckner". The signature is fluid and cursive, with a long horizontal stroke at the end.

Stephen M. Bruckner  
FOR THE FIRM

SMB/sac  
3018267



Moody/Underwood

**RESOLUTION NO. XXXX**

**WHEREAS**, to achieve its mission to provide affordable, reliable, and environmentally sensitive energy services to its customers, the Omaha Public Power District ("OPPD") needs a reliable and resilient electric power grid, including a mix of generation resources capable of supporting local resource adequacy; and

**WHEREAS**, OPPD is experiencing historic customer load growth, upwards of approximately 100 megawatts ("MW") per year, with a currently expected increase of 1,050 MW of peak demand growth above its base load forecast for 2032; and

**WHEREAS**, OPPD must meet increased regulatory requirements for generation capacity reserve margins and proactively plan for anticipated changes; and

**WHEREAS**, OPPD has the responsibility and obligation to serve its customer-owners; and

**WHEREAS**, OPPD management has completed and presented to the Board of Directors a comprehensive generation resource planning study based on complex modeling scenarios and, in order to maintain affordable, reliable and environmentally sensitive energy services, recommends approval of the Near Term Generation Resource Plan generally described on Attachment A to this Resolution, consisting of new on-site fuel storage equipment, renewable generation assets and/or purchases, energy storage facilities, and dual fuel-capable electrical generation assets and supporting infrastructure, including fuel conversion related equipment and services, fuel supply, including substation and transmission and distribution infrastructure; and

**WHEREAS**, the Near Term Generation Resource Plan specifies a cost effective, reliable, resilient resource expansion to serve our community that is consistent with OPPD's Strategic Directive 2 (Rates), 4 (Reliability) and 7 (Environmental Stewardship); and

**WHEREAS**, OPPD management estimates that with all planned resources in service the renewable generation resources acquired through the Near Term Generation Plan will produce approximately ninety percent (90%) of the total energy generated from the identified facilities; and

**WHEREAS**, net emissions are projected to continue their decline as OPPD remains committed to its previously announced plan in Resolution 6518 to retire North Omaha Station Units 1, 2, and 3, and refuel Units 4 and 5 from coal to natural gas, with the possible addition of non-emitting energy storage assets at the North Omaha Station; and

**WHEREAS**, the Board of Directors will continue to use prudent financial decision-making in its review and approval of future corporate operating plans and establishment of rates that are fair, reasonable, and non-discriminatory and will continue to ensure system cost is allocated to customers based upon how they use the system; and

**WHEREAS**, the Board of Directors finds that the Near Term Generation Resource Plan complies with the strategic directives of the Board of Directors, advances Board Resolution No. 6351 for the planned renewable generation assets, and provides flexibility to procure generation resources needed to meet OPPD's near-term load growth requirements; and

**WHEREAS**, the Board of Directors finds that, due to extensive and growing lead times required to engineer, procure and construct new generation assets, it is prudent to provide OPPD management with the authority promptly to commence the planning, engineering, procurement and construction processes for the necessary generation resources to enable timely and reliable electric service to all customers now and into the future; and

**WHEREAS**, the Board of Directors finds that it is prudent to provide OPPD management with greater flexibility to mitigate material financial and operational risks from price volatility, address project feasibility and known construction schedule challenges, manage the long lead time of the Regional Transmission Organization's generation interconnection queue process and potential long-lead time and expensive networked transmission expansion requirements, and adapt to customer load ramp schedules; and

**WHEREAS**, the District's Engineer has certified that the contracts that will be required for the acquisition of the new on-site fuel storage, renewable generation, energy storage, and dual fuel capable electrical generation equipment and supporting generation, emissions equipment, fuel supply and/or fuel conversion related equipment and services, substation, and transmission and distribution infrastructure to implement OPPD's Plan involve technologically complex and unique equipment with varying designs and operational capabilities coupled with a challenging sourcing environment that will require a competitive negotiated contract process to enable OPPD to obtain optimal pricing and cost efficiencies, optimize integration with other plant systems, and provide appropriate risk mitigation; and

**WHEREAS**, the District's Engineer has further certified that it is impractical and not in the public interest to utilize the statutory sealed bid process for the Near Term Generation Resource Plan; 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 this infrastructure sourcing strategy without sealed bidding; and

**WHEREAS**, recognizing the importance of transparent communication and oversight, the Board acknowledges that effective monitoring of and regular updates on the Near-Term Generation Resource Plan is important for customer visibility and awareness.

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

1. The Near Term Generation Resource Plan as described on Attachment A hereto is hereby approved; and
2. The System Management and Nuclear Oversight Committee shall, no later than October 31, 2023, leverage the Board's current policy governance framework to establish a process by which the Board will exercise its duty of oversight of the Near Term Generation Resource Plan execution through the identification of key performance indicators and subsequent targets, and monitoring of progress; and
3. This resolution updates Resolution No 6351 and 6422, relating to the acquisition of the renewable assets, and Resolution No 6518, relating to North Omaha Station, and will guide the District's near term resource acquisition strategy; and
4. The Engineer's Certification requesting that the Board authorize management to negotiate and enter into one or more contracts to provide all engineering, procurement, and construction of on-site fuel oil storage assets, substation, transmission and distribution infrastructure, generation assets and facilities, emissions equipment, fuel supply and/or conversion related equipment and services, and other infrastructure, and to negotiate and enter into other necessary contracts to meet the District's anticipated generation resource needs outlined in this resolution through a combination of on-site fuel oil storage, dual fueled generating facilities, energy storage facilities, renewable generation facilities, and/or to acquire capacity and output from renewable generation facilities, without compliance with the sealed bidding provisions of Sections 70-637 to 70-641 of the Nebraska Revised Statutes, is hereby approved, and management is authorized and directed to negotiate and enter into the necessary contract or contracts to implement the Near Term Generation Resource Plan described on Attachment A, subject to review and approval of the final contract(s) by the District's General Counsel; and
5. 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.



**Attachment A**

**Near Term Generation Resource Plan**

**Introduction**

**Total Anticipated Generation Resources, through 2032:** Approximately 2.5 gigawatts ("GW") of new generation construction

The resources listed below are in addition to currently announced projects, including Platteview Solar (81 MW), Turtle Creek Station (450 MW combustion turbines), and Standing Bear Lake Station (150 MW reciprocating internal combustion engines)

<b>Resources (Nameplate or Peak Tested Capacity)</b>	<b>Range of Incremental Additions (MW)</b>
Renewable Generation*	1,000 – 1,500 MW
Energy Storage**	Approximately 125 MW
Dual Fuel Combustion Turbines***	600 – 950 MW
Demand Response	Minimum of 32 MW
On-site fuel oil storage for year-round accreditation for approximately 320 megawatts (MW) of existing natural gas-fueled generation assets	Approximately 320 MW

**Definitions**

\*"Renewable Generation" may include any generation assets that do not use coal, natural gas, fuel oil, or nuclear fuel, but are anticipated to be mainly wind and solar energy assets. The Renewable Generation may be owned by OPPD and/or acquired through purchased power agreements. Renewable generation is stated in terms of net facility alternating current output.

\*\* "Energy Storage" refers to equipment, such as utility-scale battery equipment, that captures energy produced at one time for use at a later time. Energy storage is stated in terms of 4-hour duration equivalent. The power rating and duration of individual facilities may vary.

\*\*\* Dual Fuel Combustion Turbines are stated in terms of summer max generating capability consistent with testing requirements for accreditation.

**Infrastructure Included in Near Term Generation Resource Plan**

The resources described in the table above and authorized by this Resolution include all necessary contracts, facilities, infrastructure, assets, equipment, real estate, permits, products, purchases, services and fulfilling all requirements necessary for new on-site fuel storage, renewable generation assets and/or purchases, energy storage, and dual fuel-capable electrical generation assets, emissions equipment, supporting infrastructure, including fuel conversion related equipment and services, fuel supply, substations and transmission and distribution infrastructure.



## Agenda

**OPPDP BOARD OF DIRECTORS  
REGULAR BOARD MEETING  
Thursday, August 17, 2023 at 5:00 P.M.**

*Conducted in person at the Omaha Douglas Civic Center, 1819 Farnam Street,  
2<sup>nd</sup> 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](http://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 May and June 2023 Financial Reports, June 2023 Meeting Minutes and the August 17, 2023 Agenda
7. Transmission Construction – Resolution No. 6xxx
8. Near Term Generation – Resolution No. 6xxx
9. SD-9: Integrated System Planning Policy Revision – Resolution No. 6xxx

### **Other Items**

10. President's Report (10 mins)
11. Opportunity for comment on other items of District business
12. 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](http://www.oppd.com/BoardMeetings).

Action Item	Board Assignment	ELT Lead	Priority	Board Resources	OPPD Resources	Status	Accepted	Start	Finish	Comment
Develop a Board training plan	Chair	Fernandez	Medium	Medium	Low	On Track	12/01/21	08/11/22	12/31/23	Finish date moved to follow 2023 Board Workshop.
SD-2: Rates Policy Refinement (Most recent monitoring report approved 6/16/22; next monitoring report tentatively June 2023)	FIN	Bishop	Medium	Medium	Medium	On Hold	08/26/20	04/02/21	TBD	Initial revision completed (12/15/22); Will make future revisions based upon the outcomes of the Rate Workshops (timing TBD)
Governance discussion re: handling of concepts that span multiple SDs	GOV	Focht	Medium	Low	Low	On Hold	02/12/21	04/13/21		
Ad Hoc Committee on Market Transformation	GOV	Focht	Low	Low	Medium	On Hold	08/26/20			SD-9 potential revisions may address part of this topic
SD-13: Stakeholder Outreach & Engagement policy refinement (Most recent monitoring report approved 10/20/22)	PI	Olson	Medium	Low	Medium	On Hold	01/19/21	02/09/21		PI Committee consensus on 12/7/21 to revise SD-11 first.
SD-4: Reliability Policy Refinement (Most recent monitoring report approved 4/20/23)	SMNO	Via	Medium	Low	Medium	On Hold	08/26/20			Plan is for the Systems Committee to begin revision efforts after SD-9 and SD-7 are revised.
SD-12: Information Management and Security	GOV	Brown	Low	Low	Medium	Not Started				Request from Director Moody to affirm that SD-12 is still relevant and provides sufficient direction to the district, especially given the volume and complexity of change happening in the IMS space; explore OPPD's role in allowing its customers to share their information for broader advancement of the utility industry future.
Assess and implement best ways to evolve Board review process	GOV	Focht	Low	Medium	Medium	Not Started	12/01/21			
Update the language in GP-6: Role of the Board Officers - Add clarity for how/when/who appoints ad hoc committees	GOV	Focht	Low	Low	Low	Not Started	12/01/21			
Improve process for how we manage board work plan	Chair	Focht	Medium	Low	Low	Completed	12/01/21	12/01/21	04/16/22	Will socialize Mar/Apr
Gain line of sight into CEO Coaching	Chair	Fernandez	Low	Low	Low	Completed	12/01/21	02/01/22	05/31/22	Javier worked with STS on development plan; STS presented development plan at 5/17/22 closed session
Improve manner in which committee meeting objectives are written	Committee Chairs	Executive Liaisons	Low	Low	Low	Completed	12/01/21	12/01/21	04/16/22	Addition of deputy executive liaison/scribe role will facilitate
SD-5: Customer Satisfaction - non-substantive update	GOV	Focht	Low	Low	Low	Completed	12/01/21	12/01/21	04/21/22	Included in the non-substantive change proposal approved by the Board on 4/21/22
Refine SD monitoring process to address question of "compliance" as well as allow discussion on both on what has been achieved and where there are continued challenges and gaps; include any changes for GP-3: Board Job Description	GOV	Focht	Medium	Medium	Medium	Completed	02/12/21	02/12/21	04/21/22	Piloting a refined approach with SD-1 Monitoring Report approved on 4/21/22; will implement in monitoring reports starting in May 2022
SD-1: Strategic Foundation Monitoring Report Discussion and Refinement	GOV	Focht	Low	Low	Low	Completed	02/12/21	04/13/21	04/21/22	Addressed during monitoring report approved on 4/21/22
Understand and recommend action regarding chairs being able to serve two consecutive terms	GOV	Bruckner	Medium	Low	Low	Completed	12/01/21	12/01/21	01/20/22	Keep current process, track years served, and confirm on an annual basis.
Clarify role of committee chair and executive liaison in determining need for pre-committee meetings and related agendas	GOV	Focht	Low	Low	Low	Completed	12/01/21	12/01/21	01/20/22	Built into the monthly meeting between executive liaison and committee chair

Action Item	Board Assignment	ELT Lead	Priority	Board Resources	OPPD Resources	Status	Accepted	Start	Finish	Comment
Explore mechanisms for sharing pre-committee discussions with all Board members	GOV	Focht	Low	Low	Low	Completed	12/01/21	12/01/21	01/20/22	Address through chair report during All Committees meeting and availability of materials in Diligent
Improve how we use the Summary of Committee Direction and reporting during All Committee meetings	GOV	Focht	Low	Low	Low	Completed	12/01/21	12/01/21	03/11/22	Addition of deputy executive liaison/scribe role will facilitate
BL-5: Unity of Control Policy Revision	GOV	Focht	Medium	Low	Low	Completed	08/26/20	08/26/20	12/09/20	
BL-7: Delegation to the President & CEO	GOV	Focht	Medium	Low	Low	Completed	08/26/20	08/26/20	09/17/20	
GP-4: Agenda Planning	GOV	Focht	Low	Low	Low	Completed	08/26/20	08/26/20	09/17/20	
SD-11: Economic Development policy refinement <i>(Most recent monitoring report approved 11/18/21; Next monitoring report tentatively Nov. 2022)</i>	PI	Olson	Medium	Low	Medium	Completed	01/19/21	02/09/21	06/16/22	PI committee currently reviewing draft; intend to advance out of committee to Board in May; Board approved revised SD-11 on 6/16/22
BL-9: Delegation to President & CEO - Local, State and Federal Legislation and Regulation - Legislative Resolution	PI	Olson	High	Low	High	Completed	07/11/20	07/11/20	10/13/20	
SD-9: Resource Planning policy refinement <i>(Most recent monitoring report approved 8/17/21; next monitoring report tentatively September 2022)</i>	SMNO	Via / Underwood	Medium	Low	Medium	Completed	08/26/20	12/03/20	08/18/22	System Committee consensus at 3/3/22 meeting to share language with other Board members between March and April for potential public discussion in April. Board discussion and consensus at 6/14/22 All Committees meeting to return SD-9 policy to System Committee for further refinement. Policy revised and posted for public comment 7/28/22-8/14/22. Board approved revisions and renaming of policy to SD-9: Integrated System Planning 8/18/22.
SD-7: Environmental Stewardship policy refinement <i>(Most recent monitoring report approved 10/21/21; Next monitoring report tentatively Oct. 2022)</i>	SMNO	Olson	Medium	Low	Medium	Completed	10/05/21	09/08/22	09/22/22	Plan is for the Systems Committee to begin revision efforts after SD-9 is revised. Discussion about an update to include interim metrics for carbon emissions reduction is expected after this work is completed and presented. System Committee discussed proposed revision at 9/8/22 meeting; Board approved revision 9/22/22.
SD-7: Environmental Stewardship policy refinement	SMNO	Fisher	High	Low	Medium	Completed	01/19/21	01/19/21	05/20/21	Added language to reflect climate change





**BOARD OF DIRECTORS**

# Reporting Item

August 15, 2023

ITEM

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

PURPOSE

Provide updates on Power with Purpose projects for August 2023.

TURTLE CREEK STATION & STANDING BEAR LAKE STATION FACTS

- a. Engineering, procurement, and construction activities are in progress. As all procurement and material receipt is not complete, the teams continue to monitor and work through supply chain, resource, and schedule challenges including project completion delays and cost impacts associated with the delays.
- b. At Standing Bear Lake Station, all nine engines and associated generators have been aligned and coupled, all five power distribution centers are on site, and the lube oil tanks have been set. Delay of low voltage switchgear has negatively impacted project schedule which the team is evaluating. Additionally, Wartsila training has started for OPPD staff. In the substation area, wire terminations are being made in the control house, rock and fence is being installed in the yard, and assembly of radiators and auxiliary equipment to the generator step-up transformers has commenced.
- c. At Turtle Creek Station, Northern Natural Gas has remobilized to finish their construction efforts in the gas yard and in the generation block, the gas turbine enclosures, the generator enclosures, and the stacks are being erected for units one and two. Generator step-up transformers and commissioning challenges are actively being defined and resolved. In the substation area, the control house has been delivered to site and wire termination is in progress.

ENERGY DELIVERY FACTS

- a. Control cable installation and device commissioning continues on the remote end substation associated with Standing Bear Lake Station interconnection. Transmission construction activities to connect the new generation facility to the existing transmission system will begin in August with structure framing and setting, with conductor stringing taking place mid-September through October.

SOLAR FACTS

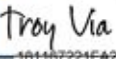
- a. The 81-megawatt Platteview Solar facility in Saunders County continues to make progress. AES and their engineering, procurement, and construction (EPC) contractor, Blue Ridge Power, have completed various civil work activities including site access, grading cuts and fills, laydown and office areas, and perimeter fence erection. Construction focus has moved to the solar field erection with driving of the structural piles, installation of torque tubes and trackers, installation of Direct Current and medium voltage cables, and installation of Photovoltaic panels. Construction on the OPPD interconnection substation is complete until AES finishes their collector substation.

- b. The industry continues to seek further details and guidance for the Inflation Reduction Act (IRA) from the Department of Treasury and Internal Revenue Service (IRS). IRS Notice 2023-38, Domestic Content Bonus Credit, guidance was issued on May 12, 2023. OPPD is currently reviewing the guidance for understanding and application. Additionally, OPPD staff continue to work with industry experts, including financial, tax, legal, and suppliers, to evaluate these policies and understand how to optimize the pursuit of solar deployment for customer owners.
- c. Staff continue to track and maintain a development pipeline of potential projects, informed by ongoing discussions with project developers, suppliers, and other industry experts.
- d. OPPD staff continue to engage with local jurisdictions to support the development of solar regulations and provide education on solar technology.

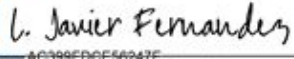
NORTH OMAHA CONVERSION AND EXTENSION PROJECT FACTS

- a. Project team has worked through supply chain risks and a new electric auxiliary boiler contract is in place with delivery expected in December 2023.
- b. Laser scanning of the burner area of the North Omaha Unit 5 boiler was performed during the March 2023 planned unit outage to obtain actual field dimensions. That scan found interference for the new burners to properly fit within the existing boiler, which resulted in a required redesign of the burners. New burner delivery dates of February 2024 still allow proper planning for the fuel conversion outage.

RECOMMENDED:

DocuSigned by:  
  
161167221FA24AE  
Troy R. Via  
Chief Operating Officer & Vice President  
Utility Operations

APPROVED FOR REPORTING TO BOARD:

DocuSigned by:  
  
AG399FDCE56247E  
L. Javier Fernandez  
President and Chief Executive Officer

TRV:maw



# Power with Purpose Update

## Committee Meeting

August 15, 2023



# Power with Purpose Update

## Agenda

- Standing Bear Lake Station & Turtle Creek Station
- Platteview Solar



# Standing Bear Lake Station & Turtle Creek Station



# Power with Purpose Update

## Standing Bear Lake Station

- Site Progress: 65.5%
- Construction activities
  - Substation: wire being terminated in the control house; rock and fence installation in the yard; assembly of auxiliary equipment to transformers
  - Generation: all nine engines and associated generators aligned and coupled; all power distribution centers on site; lube oil tanks set; Wartsila training commenced for OPPD staff
  - Challenges: supply chain delays impacting schedule including project costs



*OPPD Staff at Wartsila Training*



*Facing West – Power Distribution Centers*



*Engine/Generator Alignment/Coupling*



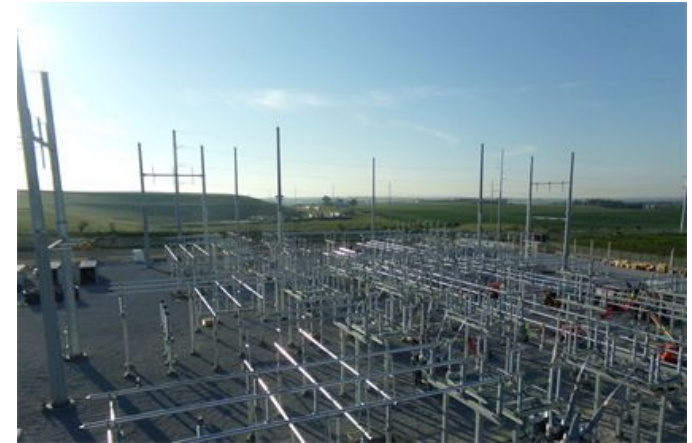
*Facing Northeast – Substation*



# Power with Purpose Update

## Turtle Creek Station

- Site Progress: 63.9%
- Construction activities
  - Substation: control house delivered to site; wire terminations in progress
  - Generation: NNG remobilized to gas yard; erection of enclosures and stacks for units 1 and 2
  - Challenges: Generator Step-up Transformers and commissioning efforts



*Substation*



*Facing Northwest – Unit #1 Turbine Enclosure*



*Facing Northwest – Unit #1 Stack Erection*



*Substation Control House Wire Termination*

# Power with Purpose Update



*SBLs: Facing North, Aerial View*



*TCS: Facing Northeast, Aerial View*





# Solar Update



# Platteview Solar

## August Project Status Update

- OPPD Substation Progress: 98%
- AES Progress: 50%
- AES (Developer) and Blue Ridge Power (EPC) are responsible for site construction and AES for long term operation and maintenance
- Ongoing Activities
  - OPPD interconnect substation construction complete, awaiting tie to AES facility
  - AES Civil, Structural and electrical design packages Issued For Construction
    - Civil work activities including site access, grading cuts and fills, laydown and office areas, and perimeter fence erection are complete
    - Installation of piles, racking and trackers in progress
    - Installation of underground direct current (DC) and medium voltage cables in progress
    - Module delivery in progress, installing started in late July
  - Project team has regular meetings with Saunders County leaders and the community providing project updates



# Platteview Solar

August Project Status Update



*Platteview Solar – Pile Driving*



*Platteview Solar – Racking Installation*



*OPPD Substation – Bus Extension to AES Collector Substation*



*Platteview Solar – DC Trenching*