

OPPD Board of Directors – All Committees Meeting

Tuesday, March 16, 2021

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

Public may attend by going to www.oppd.com/CommitteeAgenda to access the Webex meeting link and view instructions.

<u>TOPIC</u>	<u>TYPE</u>	<u>PRESENTER</u>	<u>TIME*</u>
1. Chair Opening Statement		Bogner	8:00 A.M.
2. Closed Session			
Powering the Future to 2050	Reporting	Focht	30 min
Power with Purpose Update	Reporting	Fisher	30 min
Enterprise Risk Management Quarterly Update	Reporting	Focht	30 min
BREAK			9:30 A.M.
<i>Open Webex Meeting to Allow Public to Join</i>			9:45 A.M.
3. Public Session – Chair Opening Statement		Bogner	10:00 A.M.
4. Safety Briefing		Burke	10:05 A.M.
5. Governance Committee			10:10 A.M.
Governance Chair Report (3/11/21)	Reporting	Moody	5 min
CEO Selection Process	Reporting	Moody	15 min
6. Finance Committee			10:30 A.M.
Finance Chair Report (3/5/21)	Reporting	Yoder	10 min
2020 Annual Financial Report	Reporting	Fernandez	20 min
Retirement Plan Annual Report	Reporting	Fernandez	20 min
401(k) and 457 Retirement Savings Plan Annual Report	Reporting	Fernandez	5 min
Other Post Employment Benefits (OPEB) Trusts Annual Report	Reporting	Fernandez	5 min
SD-14: Retirement Plan Funding Monitoring Report	Action	Fernandez	20 min
Commercial Paper Program Expansion	Action	Fernandez	20 min
BREAK FOR LUNCH			12:10 A.M.
7. System Management & Nuclear Oversight Committee			12:40 P.M.
SM&NO Chair Report (3/10/21)	Reporting	Williams	10 min
BRIGHT Project Approval – Engineer’s Certification	Action	Fisher	20 min
Nuclear Oversight Committee Report	Reporting	Fisher	10 min
8. Public Information Committee			1:20 P.M.
Public Information Chair Report (3/9/21)	Reporting	Mollhoff	10 min
• Customer Trends Update (<i>Due to time, will not be presented. Update will be posted on oppd.com.</i>)			
Legislative and Regulatory Update	Reporting	Olson	30 min
BREAK			2:00 P.M.
9. Other Business			2:10 P.M.
Confirmation of Board Meeting Agenda	Action	Bogner	5 min
Review of Board Work Plan	Discussion	Bogner	5 min
Decarbonization Strategic Initiative Update	Presentation	Fisher	90 min

* Please note all times and duration are estimates. 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.

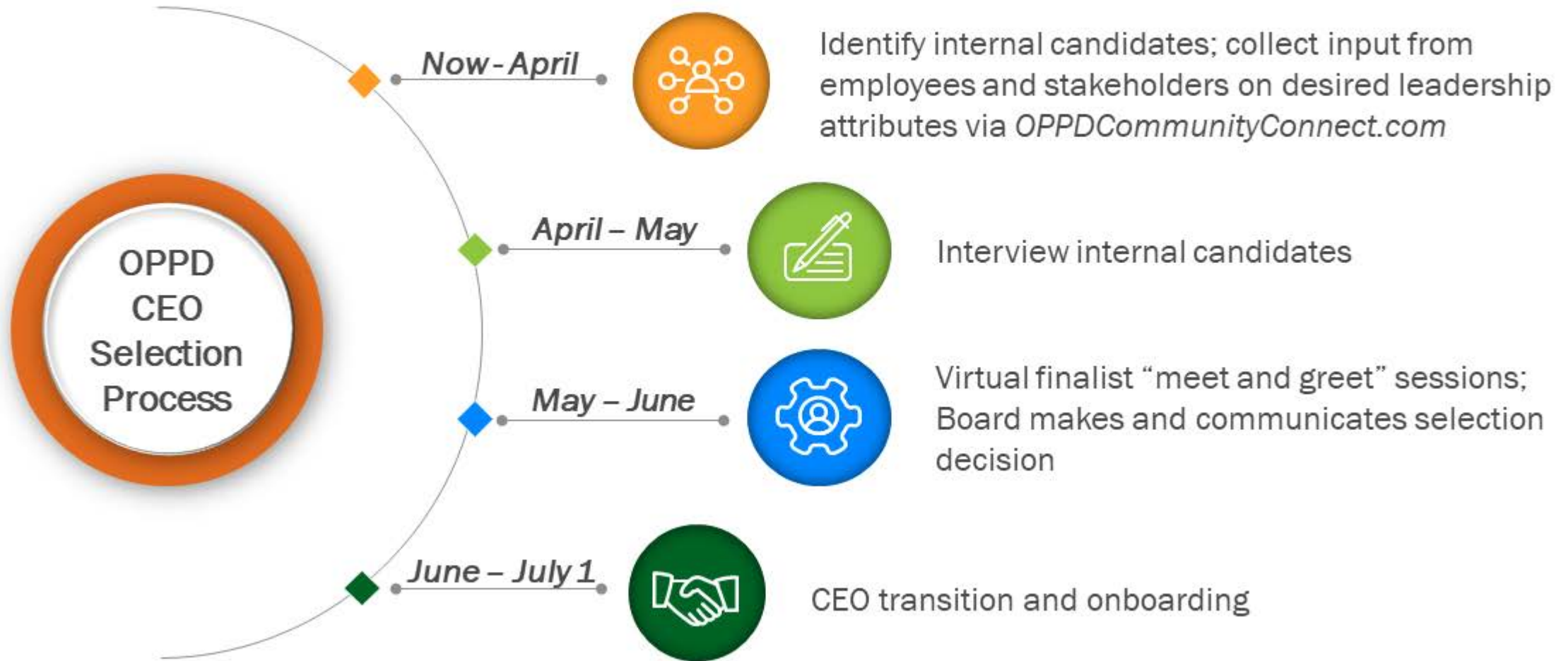


Pre-Committee Agenda

GOVERNANCE PRE-COMMITTEE MEETING
WEBEX VIDEOCONFERENCE
March 11, 2021 8:00 – 9:00 A.M.

1. Executive Development (Sedky – 35 min)
 - a. Objective: Review executive development update (clarify and confirm timeline)
2. Powering the Future to 2050 (PF 2050) (Focht – 10 min)
 - a. Objective: Clarify and solidify Board engagement and March 16 All Committees meeting agenda
3. Enterprise Risk Management: Polar Vortex After Action Review (Focht – 10 min)
 - a. Objective: Create awareness of status and identify initial questions regarding scope, timing and Board involvement
4. Summary of Committee Direction (5 min)
 - a. Objective: Senior management team liaison(s) to summarize direction provided by the committee

CEO Selection Process





Pre-Committee Agenda

FINANCE PRE-COMMITTEE MEETING
WEBEX VIDEOCONFERENCE
March 5, 2021 8:00 AM – 9:00 AM

1. Commercial Paper Program Update (30 min)
 - a. Objective: Review and discuss proposed changes to the approved amount of Commercial Paper program that will be submitted for Board approval on March 18, 2021

2. SD-14: Retirement Plan Funding Monitoring Report (25 min)
 - a. Objective: Review and discuss upcoming SD-14 monitoring report that will be submitted for Board approval on March 18, 2021

3. Summary of Committee Direction (5 min)
 - a. Objective: Senior management team liaison(s) to summarize direction provided by the committee



Reporting Item

BOARD OF DIRECTORS

March 16, 2021

ITEM

Annual 2020 Financial Report

PURPOSE

Report the annual financial results to the Board of Directors

FACTS

- a. The annual 2020 financial results are attached for review.
- b. Retail Revenue for 2020 was \$909.8 million, which was \$52.7 million under budget. Off-system Revenue for 2020 was \$137.3 million, which was \$26.3 million under budget. Other Income for 2020 was \$100.3 million, which was \$32.6 million over budget.
- c. Operations and Maintenance Expense (less Fuel and Purchased Power) for 2020 was \$351.1 million, which was \$19.6 million under budget. Fuel and Purchased Power Expense for 2020 was \$334.9 million, which was \$44.7 million under budget. Other Expense for 2020 was \$387.3 million, which was \$8.9 million over budget.
- d. Operating Income for 2020 was \$81.3 million, which was \$24.5 million under budget.
- e. Net Income for 2020 was \$74.0 million, which was \$8.9 million over budget.

ACTION

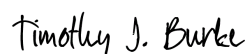
Reporting item.

RECOMMENDED:

DocuSigned by:

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L. Javier Fernandez
Vice President & Chief Financial Officer

APPROVED FOR REPORTING TO BOARD:

DocuSigned by:

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Timothy J. Burke
President & Chief Executive Officer

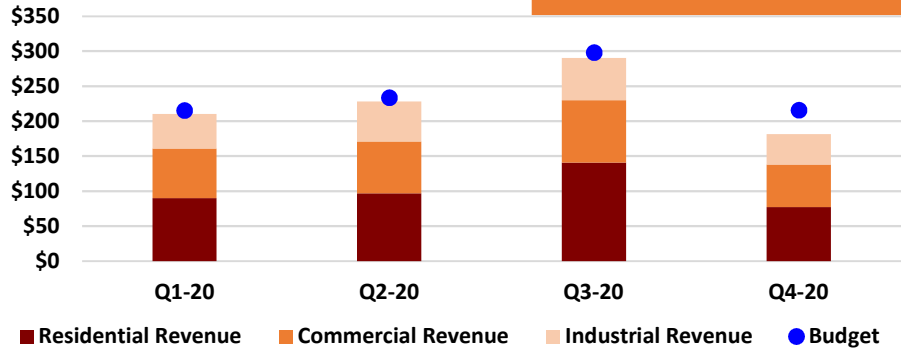
Attachments: Annual Financial Report (Graphs)

2020 Annual Results (\$ Millions)



Retail Revenue ◆

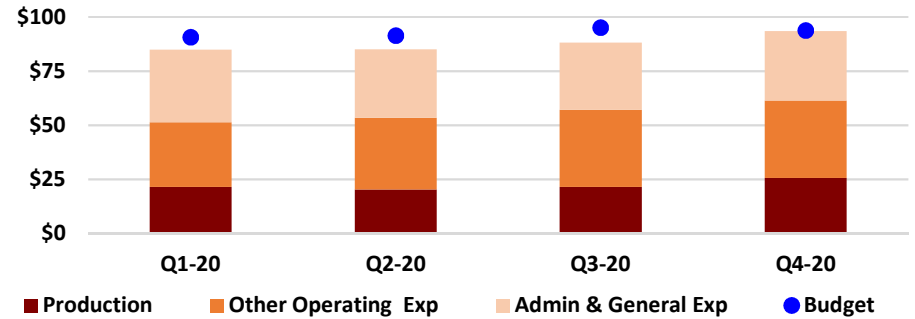
YTD ACTUALS 2020 - \$909.8
YTD BUDGET 2020 - \$962.5



O&M Expense ◇

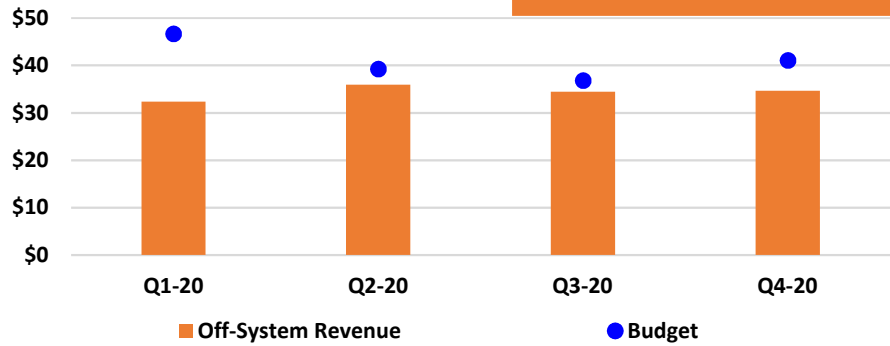
(less Fuel & Purchased Power)

YTD ACTUALS 2020 - \$351.1
YTD BUDGET 2020 - \$370.7



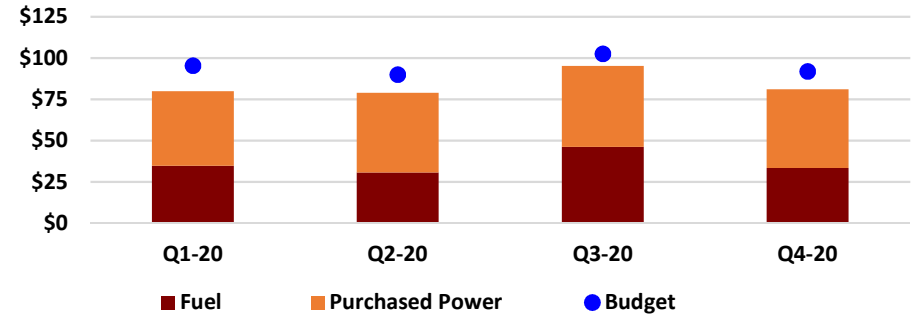
Off-System Revenue ◆

YTD ACTUALS 2020 - \$137.3
YTD BUDGET 2020 - \$163.6



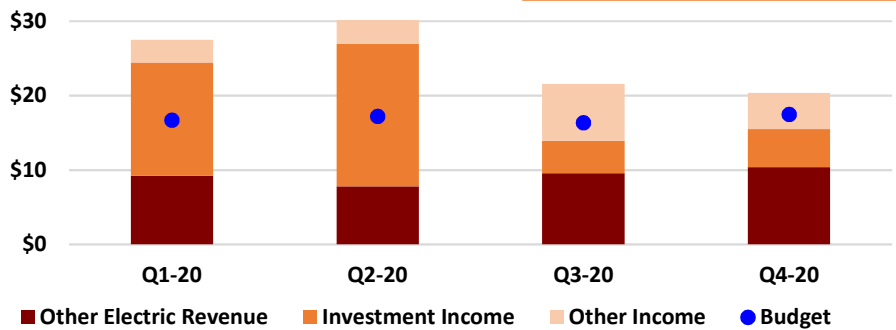
Fuel & Purchased Power ◇

YTD ACTUALS 2020 - \$334.9
YTD BUDGET 2020 - \$379.6



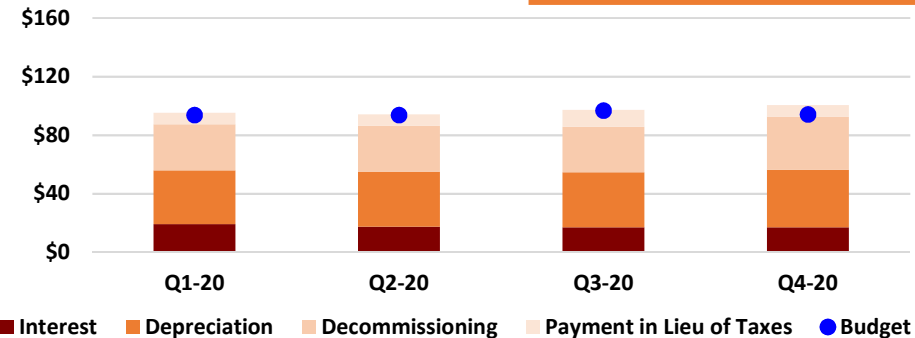
Other Income ◇

YTD ACTUALS 2020 - \$100.3
YTD BUDGET 2020 - \$ 67.7



Other Expense ◆

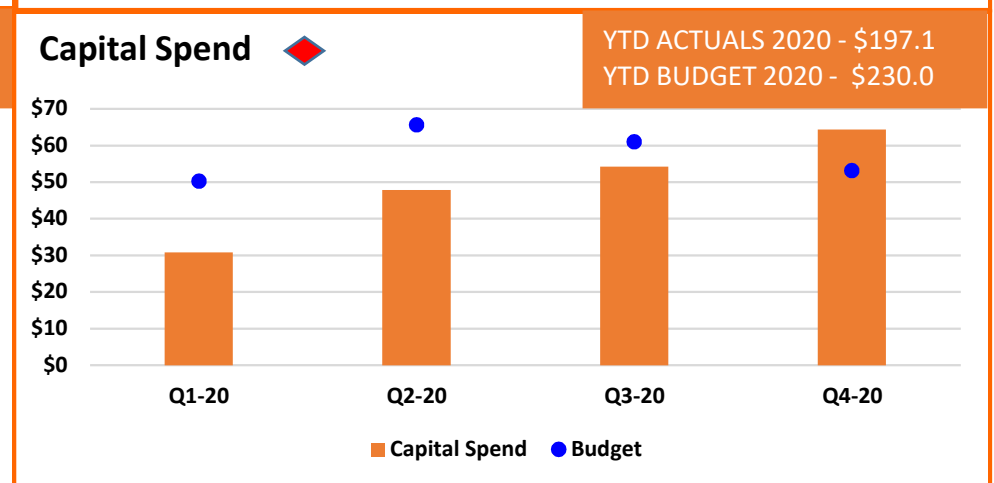
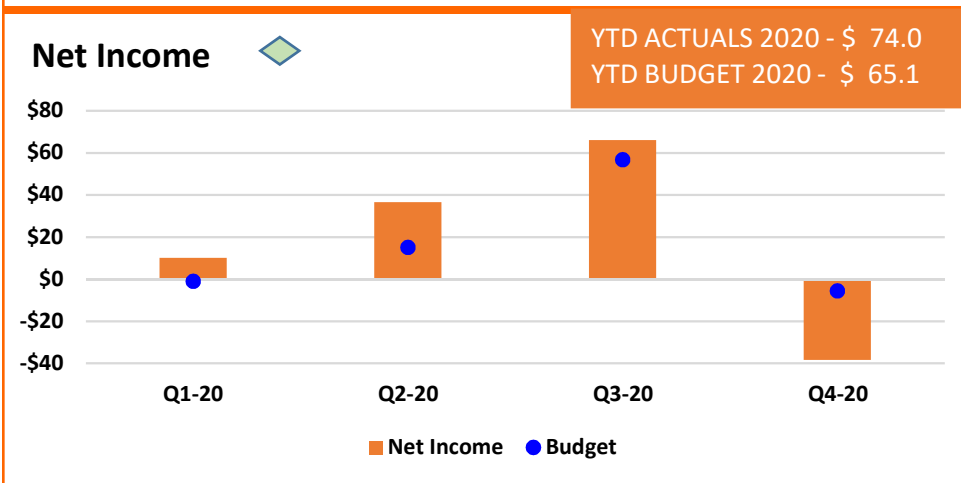
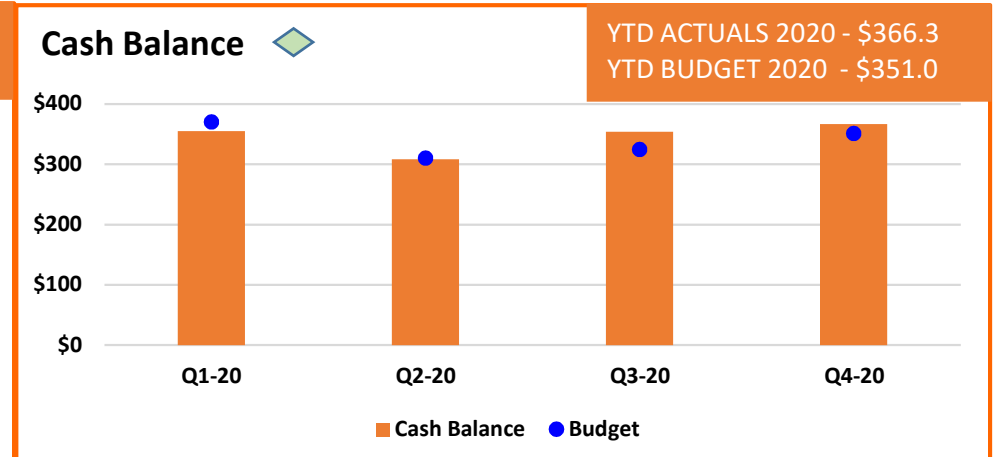
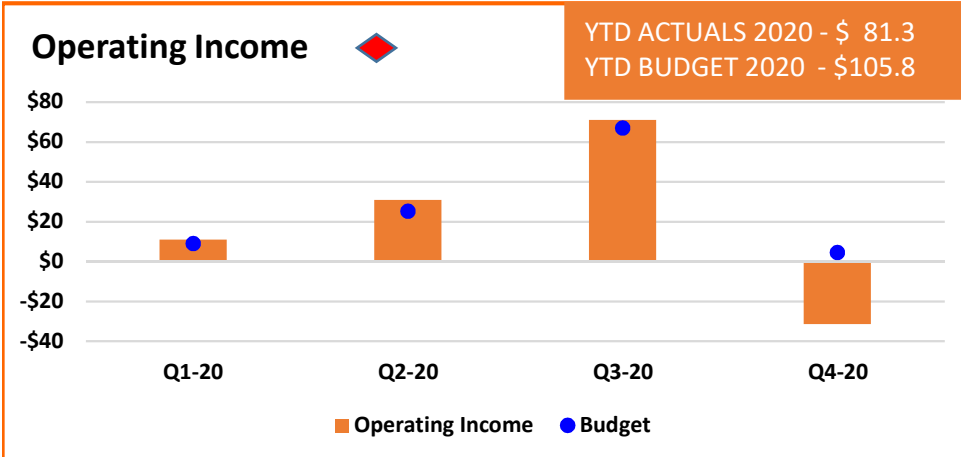
YTD ACTUALS 2020 - \$387.3
YTD BUDGET 2020 - \$378.4



◇ - Favorable ◆ - Unfavorable

Unaudited results.

2020 Annual Results (\$ Millions)



SD Impact:

- * **SD-2 Rates** - The District is maintaining a strong financial position reaffirming its commitment to no general rate increase in 2020 and 2021. OPPD's average retail rate was 9.6% below the regional average, based on preliminary data from the Energy Information Administration, which will be finalized in October 2021.
- * **SD-3 Access to Credit Markets** - The 12-month rolling debt service coverage ratio is 2.0 times through December 2020. The District's days of cash on hand is 238 days as of December 31, 2020.

HIGHLIGHTS:

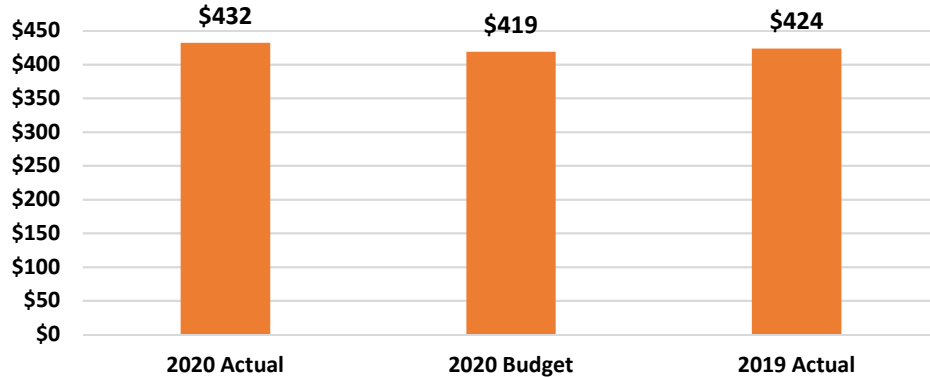
- * Retail revenues were under budget by 5.5% or \$52.7 million, primarily due to decreased sales from the COVID-19 pandemic impact and a reduction of revenue from the addition to the Decommissioning and Benefits Reserve. Off-system revenues were under budget by 16.1% or \$26.3 million, primarily due to lower market prices and energy volumes as a result of the depressed natural gas market.
- * Fuel and purchased power expenses were under budget 11.8%, or \$44.7 million, primarily due to unplanned outages, lower generation dispatch and lower purchased power market prices and volumes. Other O&M expenses were less than budget YTD by 5.3%, or \$19.6 million, primarily due to lower transmission expenses from decreased SPP transmission fees and lower administrative and general expenses from lower employee benefit costs.
- * Capital expenditures were under budget by 14.3%, or \$32.9 million, due to delayed spending primarily on Power with Purpose projects.

◇ - Favorable ◇ - Unfavorable

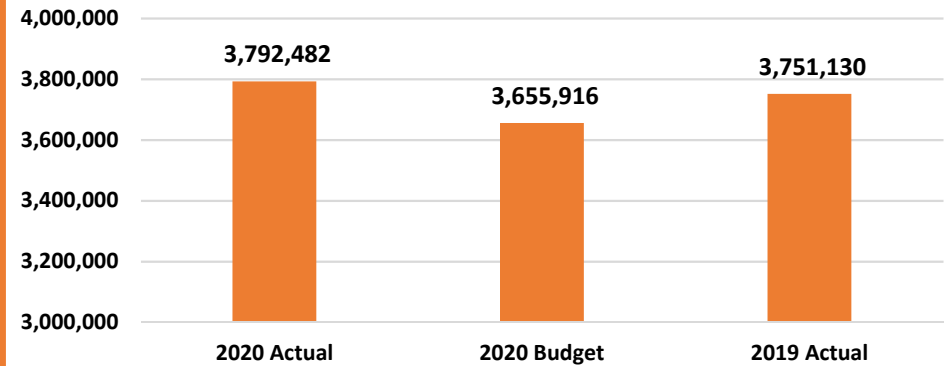
Unaudited results.

2020 Annual Results

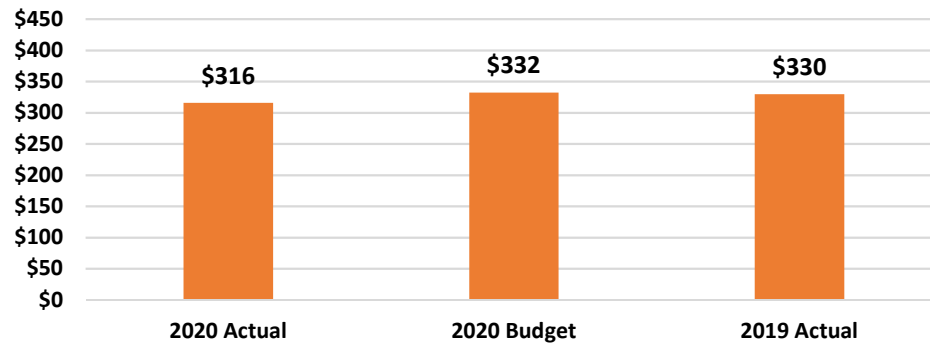
Residential Revenue (\$Millions)



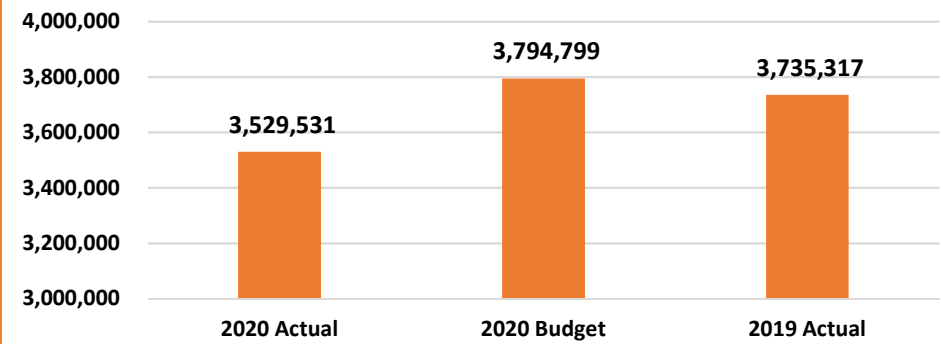
Residential MWH



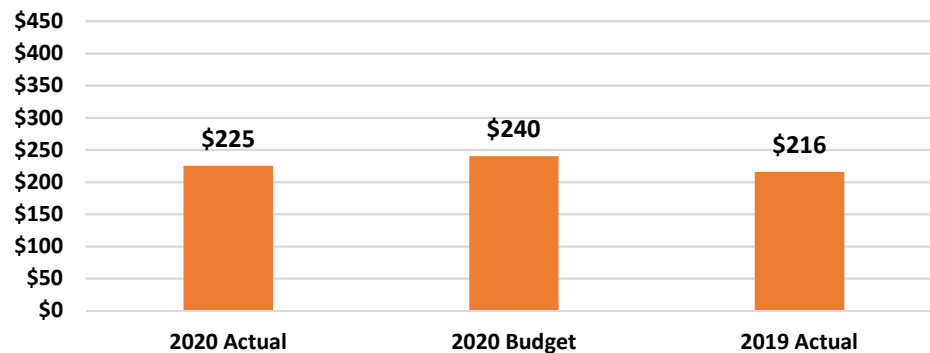
Commercial Revenue (\$Millions)



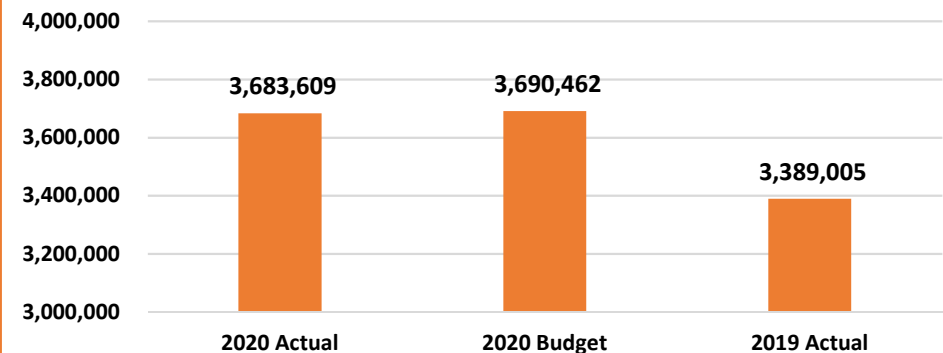
Commercial MWH



Industrial Revenue (\$Millions)



Industrial MWH





Reporting Item

BOARD OF DIRECTORS

March 16, 2021

ITEM

Retirement Plan – 2020 Annual Report

PURPOSE

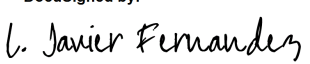
Report the Retirement Plan Fund and Individual Manager Performance for 2020

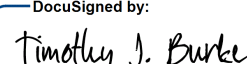
FACTS

- a. The market value of the Retirement Plan Fund was \$1.16 billion on December 31, 2020. This compares to the market value of \$1.06 billion on December 31, 2019. During the year, benefit payments and expenses exceeded total contributions by \$33.1 million, and the investment gains net of fees were \$ 135.4 million.
- b. The asset allocation at year-end was 54.3% equity, 39.2% fixed income securities and 6.5% alternative assets (private real estate), which is within the Investment Policy Guidelines approved by the Board.
- c. A summary of the 2020 Retirement Plan Investment Manager’s performance will be presented by the District’s consultant, Mr. Jeff Boucek, Vice President & Director of Public Fund Consulting, of Segal Marco.

RECOMMENDED:

APPROVED FOR REPORTING TO BOARD:

DocuSigned by:

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 L. Javier Fernandez
 Vice President and Chief Financial Officer

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 Timothy J. Burke
 President and Chief Executive Officer

LFJ:jap

Attachment: Summary of Investment Manager Performance

**OPPD Pension Fund Assets
Fund Options and Performance
Period Ending December 31, 2020**

Domestic Equity Funds	Fund Type	Balance	Performance				
			Return	One Year Index	Difference	Three Year Return	Five Year Return
LSV Asset Management	Small Capitalization Value	\$ 25,587,223.08	-6.0%	4.6%	-10.6%	-2.2%	N/A
State Street Global Advisors - Russell 1000 Index	Large Capitalization Core	\$ 204,857,953.68	21.0%	21.0%	0.0%	14.8%	N/A
Voya Investment Management	Small Capitalization Growth	\$ 37,261,071.01	28.0%	34.6%	-6.6%	11.3%	N/A
Wellington Management Company LLP	Mid. Capitalization Core/Growth	\$ 79,444,129.65	25.3%	13.7%	11.6%	16.2%	17.1%

International/Global Equity Funds	Fund Type	Balance	Performance				
			Return	One Year Index	Difference	Three Year Return	Five Year Return
AQR Capital Management	Equity Core	\$ 84,343,702.45	5.0%	7.8%	-2.8%	0.6%	5.7%
Global Alpha Small Cap*	Small Capilization	\$ 44,646,070.00	N/A	N/A	N/A	N/A	N/A
Oppenheimer Funds Inc.	Emerging Markets	\$ 70,674,662.13	18.7%	18.3%	0.4%	9.9%	14.2%
Wells Capital Management	Emerging Markets	\$ 81,445,942.41	25.6%	18.3%	7.3%	11.8%	16.8%

Domestic Fixed Income Funds	Fund Type	Balance	Performance				
			Return	One Year Index	Difference	Three Year Return	Five Year Return
JP Morgan Investment Management	Intermediate Investment-Grade	\$ 65,778,912.80	7.7%	7.7%	0.0%	5.6%	4.7%
Neuberger Berman Fixed Income LLC	High Yield	\$ 37,716,095.70	6.1%	6.3%	-0.2%	6.1%	7.9%
Reams Asset Management Company	Intermediate Investment-Grade	\$ 70,830,816.73	17.7%	7.7%	10.0%	9.0%	6.6%
State Street Global Advisors - Bond Index	Bond Index	\$ 95,537,636.06	7.5%	7.5%	0.0%	5.4%	4.4%
State Street Global Advisors - TIPS Index	TIPS Index	\$ 28,644,970.96	11.0%	11.0%	0.0%	5.9%	5.1%
US Bank Cash Management Account	Cash	\$ 11,778,682.56	1.5%	0.7%	0.8%	2.8%	2.6%

International/Global Fixed Income Funds	Fund Type	Balance	Performance				
			Return	One Year Index	Difference	Three Year Return	Five Year Return
Colchester Global Investors Limited	Global	\$ 88,025,711.89	11.6%	9.2%	2.4%	6.2%	6.3%
Stone Harbor Investment Partners L.P.	Emerging Market	\$ 56,176,712.93	7.0%	5.9%	1.1%	4.1%	7.6%

Alternative Assets	Fund Type	Balance	Performance				
			Return	One Year Index	Difference	Three Year Return	Five Year Return
Harrison Street Real Estate	Private Real Estate	\$ 38,398,299.00	5.0%	1.6%	3.4%	N/A	N/A
PGIM Real Estate	Private Real Estate	\$ 37,045,226.60	2.5%	1.6%	0.9%	N/A	N/A

*Initially funded 6-30-2020

Total Fund	\$ 1,158,193,819.64
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2020 Annual Performance Review

Omaha Public Power District

Retirement Plan

March 16, 2021 / Jeffrey C. Boucek, CFA

Presenting Today



Jeffrey C. Boucek, CFA

Senior Vice President

Director of Public Fund Consulting

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Agenda

Market Environment

Total Fund Results

- Review of Retirement Fund Financial Objectives

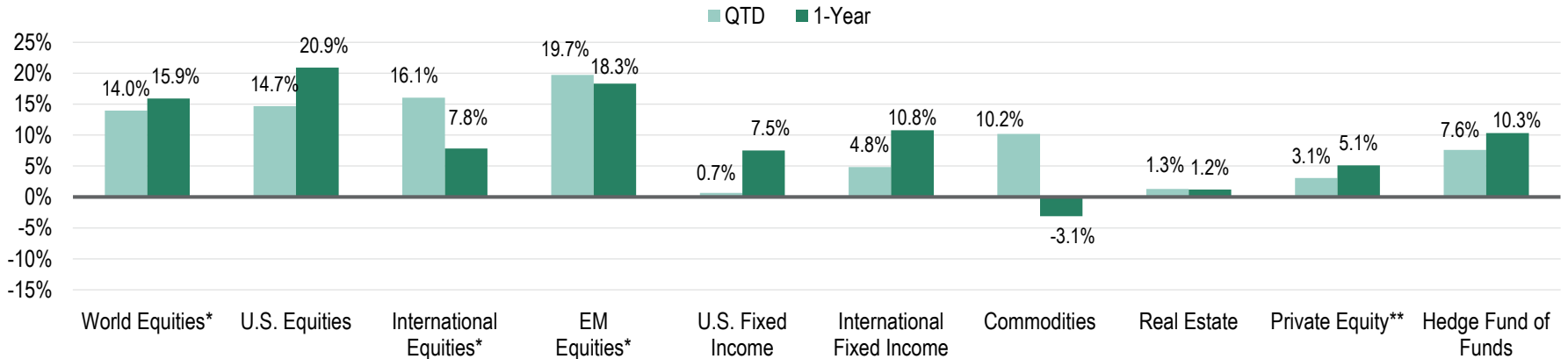
Individual Manager Results

- Domestic Equity
- International Equity
- Domestic Fixed Income
- Global Fixed Income/Emerging Market Debt
- Private Real Estate

Total Fund Summary

2020 In Review

Summary of Investment Returns



- As the COVID-19 pandemic engulfed societies, the global economy came to a crushing halt in 2020 due to government-mandated lockdowns.
- The U.S. endured the largest quarterly GDP decline in history, followed by the largest-ever rise in GDP as the economy emerged from the pandemic-induced shutdown.
- The unemployment rate began 2020 at a 50-year low (3.5%), surged to its highest level since the Great Depression (14.7%) before ending the year below 7%.
- The pandemic was the catalyst for the largest and most sudden global stock market crash since 1929. Exemplified by the S&P 500, which plunged 34% in just 23 trading days. It took just five months to regain the losses.
- The extreme moves were not confined to stocks, however, as oil prices briefly fell into negative territory, and the 10-year Treasury yield dropped to an all-time low near 0.30%.
- The financial markets and the U.S. economy weathered the roller coaster ride of 2020 better than many strategists had predicted.
- Both stocks and bonds posted positive returns for the year, with U.S. “growth oriented” stocks leading the way by returning 35% - 40% depending on market capitalization. By comparison, “value oriented: stocks were essentially flat for the year.
- Emerging-market equities dominated the international markets outpacing developed country equities by more than 10%.
- Diversified portfolios saw decent gains from bonds as well, as central bank stimulus pushed bond prices up and interest rates to historic lows.

* Net Dividends Reinvested

** Performance as of Q1 2020 because more recent performance data is not yet available.

Sources: Investment Metrics, Thomson One, FactSet

2020 Asset Change

Asset Growth

(\$000'S)

December 31, 2019 – December 31, 2020

Beginning Market Value		\$1,055,899
Net External Growth*		-33,119
Return on Investment		
Income Received	\$9,815	
Gain/Loss	125,599	135,414
Ending Market Value		\$1,158,194

*OPPD and employee contributions less benefit payments and Plan expenses.

Review of Retirement Fund Financial Objective #1

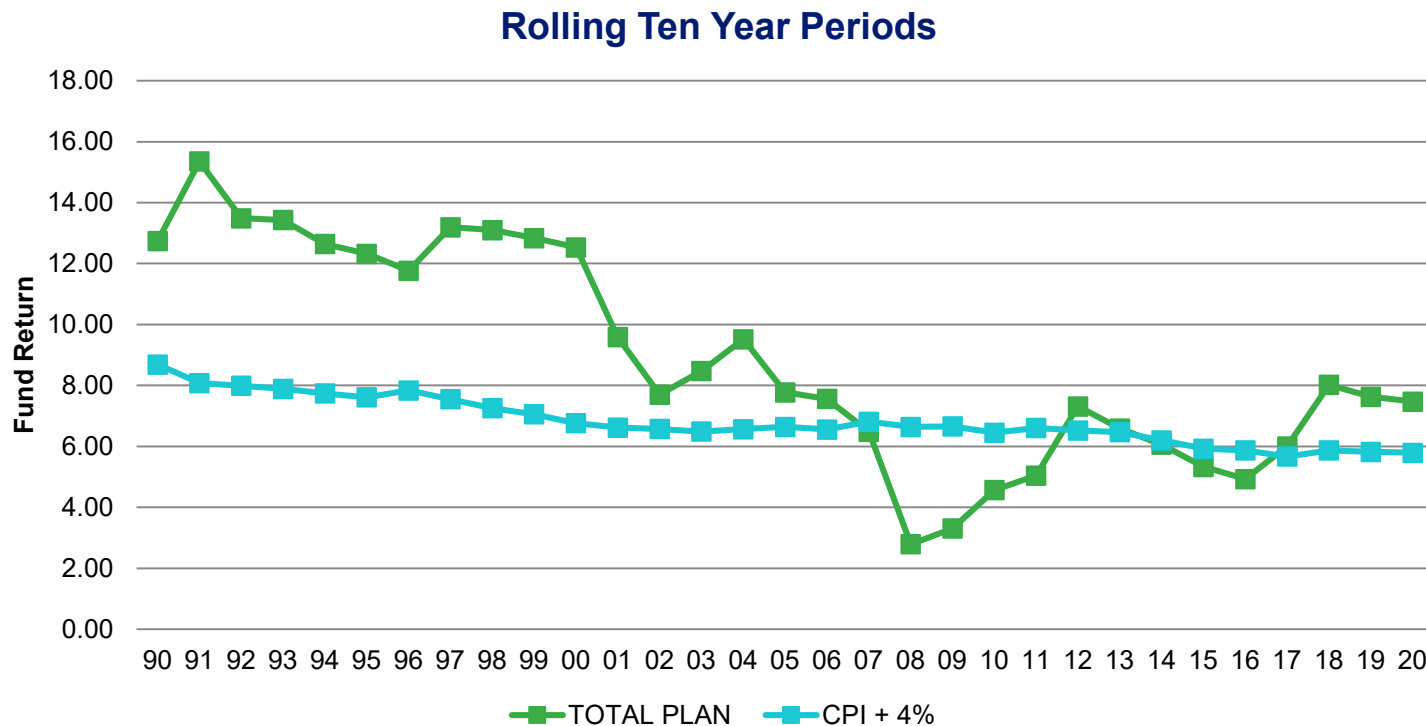
The District's Retirement Fund Objective #1 is to exceed its benchmark index net of management fees.

	1 Yr	2 Yrs	3 Yrs	5 Yrs	7 Yrs	10 Yrs	15 Yrs
TOTAL PLAN	12.9	15.5	7.6	9.4	7.0	7.5	6.7
Policy Index	12.7	15.1	7.9	9.2	7.0	7.4	6.5
Difference	0.2	0.4	-0.3	0.2	0.0	0.1	0.2

Review of Retirement Fund Financial Objective #2

The District's Retirement Fund Objective #2 is to earn 4.0% above the rate of inflation.

- For the current 10 year period (2011-2020) the Retirement Fund has earned 7.5%, which is above the Objective of 5.8%.
- For the current 20 year period (2001-2020) the Retirement Fund has earned 6.0%, which is below the Objective of 6.1%.



Domestic Equity as of 12/31/20

	Allocation		Performance (%)					
	Market Value (\$000)	%	1 Year	3 Years	5 Years	7 Years	10 Years	15 Years
SSgA Russell 1000 Index SL	204,858	17.7	21.0	14.8				
<i>Russell 1000 Index</i>			21.0	14.8	15.6	13.0	14.0	10.1
SSgA Russell 1000 Index SL Rank			28	32				
Wellington	79,444	6.9	25.3	16.2	17.1	13.8	14.2	11.8
<i>S&P MidCap 400</i>			13.7	8.4	12.3	9.8	11.5	9.6
Wellington Rank			15	21	21	20	24	19
Voya Small Cap Growth	37,261	3.2	28.0	11.3				
<i>Russell 2000 Growth Index</i>			34.6	16.2	16.4	12.1	13.5	10.7
Voya Small Cap Growth Rank			76	89				
LSV Asset Management	25,587	2.2	-6.0	-2.2				
<i>Russell 2000 Value Index</i>			4.6	3.7	9.7	6.3	8.7	6.9
LSV Asset Management Rank			96	91				

- SSgA Russell 1000 Index Fund posted expected results with minimal tracking error.
- Wellington outperformed its benchmark and peer group median in 2020.
- Voya's relative value investment style was out of favor during a momentum driven market.
- LSV trailed its benchmark due to its deep value style.
- Both Voya and LSV are expected to outperform the benchmark over longer time periods.

Note: Returns are gross of fees.

International Equity as of 12/31/20

	Allocation		Performance (%)					
	Market Value (\$000)	%	1 Year	3 Years	5 Years	7 Years	10 Years	15 Years
AQR	84,344	7.3	5.0	0.6	5.7	3.3	5.1	4.4
<i>MSCI EAFE</i>			7.8	4.3	7.4	4.4	5.5	4.5
AQR Rank			77	80	74	69	63	52
OFI	70,675	6.1	18.7	9.9	14.2	7.0		
<i>MSCI EM</i>			18.3	6.2	12.8	6.2	3.6	6.6
OFI Rank			47	26	34	46		
Wells	81,446	7.0	25.6	11.8	16.8	9.1		
<i>MSCI EM</i>			18.3	6.2	12.8	6.2	3.6	6.6
Wells Rank			28	16	14	21		
Global Alpha International Small Cap	44,646	3.9						
<i>MSCI EAFE Small Cap (Net)</i>			12.3	4.9	9.4	7.2	7.8	6.1
Global Alpha International Small Cap Rank								

- AQR continued to lag its benchmark and rank in the bottom half of their peer group.
 - They have been on “Watch” since last year and candidates to replace them are currently being evaluated. It is expected that the replacement for AQR will be identified and funded later this summer.
- OFI and Wells both outperformed their benchmarks during 2020.
- Global Alpha replaced Lord Abbett during 2020.

Domestic Fixed Income as of 12/31/20

	Allocation		Performance (%)					
	Market Value (\$000)	%	1 Year	3 Years	5 Years	7 Years	10 Years	15 Years
SSGA Passive Bond Market Index	95,538	8.2	7.5	5.4	4.4	4.1	3.8	4.5
<i>Bloomberg, Barclays U.S. Aggregate</i>			7.5	5.3	4.4	4.1	3.8	4.5
SSGA Passive Bond Market Index Rank			88	89	93	92	94	93
Reams	70,831	6.1	17.7	9.0	6.6	5.4	5.2	6.0
<i>FTSE U.S. Broad Investment-Grade Bond</i>			7.7	5.5	4.5	4.1	3.9	4.6
Reams Rank			1	1	3	6	6	2
JPMorgan	65,779	5.7	7.7	5.6	4.7	4.4	4.3	
<i>FTSE U.S. Broad Investment-Grade Bond</i>			7.7	5.5	4.5	4.1	3.9	4.6
JPMorgan Rank			75	69	72	66	57	
Neuberger Berman	37,716	3.3	6.1	6.1	7.9	5.4		
<i>FTSE High Yield Market Index</i>			6.3	5.9	8.4	5.3	6.5	7.1
Neuberger Berman Rank			59	43	54	61		
SSgA US TIPS	28,645	2.5	11.0	5.9	5.1	3.9		
<i>Bloomberg, Barclays U.S. TIPS</i>			11.0	5.9	5.1	3.9	3.8	4.3
SSgA US TIPS Rank			55	56	69	54		

- Both passive SSgA fixed income strategies produced expected results with minimal tracking error.
- Core Fixed Income manager, Reams, posted returns well above its benchmarks for all time periods measured. The other Core Fixed Income manager, J.P. Morgan, either matched or outpaced its benchmark for all time periods.
- Neuberger Berman had mixed results versus its historical performance measures.

Note: Returns are gross of fees.

Global Fixed Income/Emerging Market Debt as of 12/31/20

	Allocation		Performance (%)					
	Market Value (\$000)	%	1 Year	3 Years	5 Years	7 Years	10 Years	15 Years
Colchester	88,026	7.6	11.6	6.2	6.3	3.7		
<i>Bimbg. Barc. Global Aggregate</i>			9.2	4.9	4.8	3.0	2.8	4.1
Colchester Rank			22	28	48	69		
Stone Harbor	56,177	4.9	7.0	4.1	7.6	5.6		
<i>JPM EMBI Global (USD)</i>			5.9	4.9	6.8	5.8	6.0	6.8
Stone Harbor Rank			27	57	19	15		

- Colchester and Stone Harbor outperformed their respective benchmarks and peer group median during 2020
- Longer-term results have Colchester ahead of their benchmark over all periods while Stone Harbor's results are mixed relative to their benchmark.
- Despite the mixed relative results against their benchmark, Stone Harbor ranked in the the top quartile of its peer group for the five- and ten-year periods.

Private Real Estate as of 12/31/20

	Allocation		Performance (%)					
	Market Value (\$000)	%	1 Year	3 Years	5 Years	7 Years	10 Years	15 Years
Harrison Street Core Property Fund	38,398	3.3	5.0					
<i>NCREIF Fund Index-Open End Diversified Core (EW)</i>			1.6	5.3	6.6	8.6	10.0	6.4
PGIM Real Estate PRISA	37,045	3.2	2.5	5.7				
<i>NCREIF Fund Index-Open End Diversified Core (EW)</i>			1.6	5.3	6.6	8.6	10.0	6.4

- Harrison Street was funded in January 4, 2018 with \$25 million.
- PGIM Real Estate was funded on September 29, 2017 with \$25 million.
- These investments provided strong absolute results for the Total Fund in 2020.

Total Fund Summary

- The Total Fund returned 12.9%, net of fees, for the year ended December 31, 2020.
 - Assets increased by approximately \$100 million.
 - Year-end market value was \$1,158.2 million.
- The Total Fund outperformed its Policy Index by 20 basis points in 2020 net of fees.
- The Total Fund continues to perform well longer-term, outpacing the policy index over the longer ten and fifteen-year periods.



Reporting Item

BOARD OF DIRECTORS

March 16, 2021

ITEM

401(k) and 457 Retirement Savings Plans – 2020 Annual Report

PURPOSE

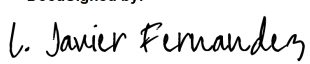
To report the fund options for OPPD’s 401(k) and 457 Retirement Savings Plans for 2020.

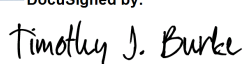
FACTS

- a. The District offers two retirement savings plans, 401(k) and 457, that provide the ability for employees to save current earnings for retirement. The investment options for the 401(k) and 457 Plans are monitored by a committee of employees that includes members of the Treasury & Financial Operations division and Human Capital division. The investment options are identical in the 401(k) and 457 Plans.
- b. The market value for OPPD’s 401(k) and 457 Retirement Savings Plans was \$622.5 million as of December 31, 2020. During the year, employee contributions totaled \$14.0 million and OPPD’s contributions totaled \$5.9 million in both plans.
- c. A summary listing investment options, balances, and annual fund performance for the period ending December 31, 2020 is attached.

RECOMMENDED:

APPROVED FOR REPORTING TO BOARD:

DocuSigned by:

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L. Javier Fernandez
Vice President and Chief Financial Officer

DocuSigned by:

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Timothy J. Burke
President and Chief Executive Officer

LJF:trv

Attachments: Summary of Fund Options and Performance

**OPPD 401(k)/457 Retirement Savings Plans
Fund Options and Performance
Period Ending December 31, 2020**

Domestic Equity Funds	Fund Type	Balance as of 12/31/20	Performance				
			One year return	Index	Difference	Three year return	Five year return
American Funds Washington Mutual Investors Fund	Large Capitalization Value	\$ 41,675,149	8.1%	2.8%	5.3%	9.8%	12.7%
American Funds New Economy Fund	Large Capitalization Growth	\$ 67,747,503	33.9%	38.5%	-4.6%	17.7%	17.7%
T Rowe Price Blue Chip Growth Fund (Series 1)	Large Capitalization Growth	\$ 97,374,769	34.7%	38.5%	-3.8%	21.3%	19.8%
Fidelity 500 Index Fund	Large Capitalization Index Fund	\$ 43,816,660	18.4%	18.4%	0.0%	14.2%	15.2%
JP Morgan Value Advantage Fund	Multi Capitalization Growth	\$ 36,676,691	-1.6%	2.9%	-4.5%	4.4%	8.8%
Wellington Mid Cap Opportunities Fund (Series 1)	Middle Capitalization Core	\$ 23,630,853	25.1%	17.1%	8.0%	N/A	N/A
T Rowe Price Institutional Small-Cap Stock Fd	Small Capitalization Core	\$ 46,527,112	25.0%	20.0%	5.0%	17.5%	17.4%

International/Global Equity Funds	Fund Type	Balance as of 12/31/20	Performance				
			One year return	Index	Difference	Three year return	Five year return
American Funds EuroPacific Growth Fund	International Equity	\$ 37,727,181	25.3%	11.1%	14.2%	10.7%	12.5%
Fidelity Total International Index Fund	International Equity Index Fund	\$ 2,764,863	11.1%	10.7%	0.4%	4.9%	N/A
American Funds New Perspective Fund	Global Equity	\$ 43,599,610	33.8%	16.3%	17.5%	18.1%	16.9%
DFA Emerging Markets Core Equity Portfolio	Emerging Markets	\$ 9,912,158	13.9%	18.7%	-4.8%	3.8%	11.4%

Domestic Fixed Income Funds	Fund Type	Balance as of 12/31/20	Performance				
			One year return	Index	Difference	Three year return	Five year return
Invesco Short-Term Investments Govt & Agency Portfolio	Money Market	\$ 18,860,296	0.4%	0.7%	-0.3%	1.4%	1.1%
Fidelity US Bond Index Fund	Domestic Bond Index Fund	\$ 6,428,147	7.8%	7.5%	0.3%	5.4%	4.4%
Natixis Loomis Sayles Core Plus Bond Fund	Core Bond	\$ 16,637,861	10.7%	7.5%	3.2%	6.3%	6.4%
BlackRock Low Duration Bond Portfolio	Intermediate Bond	\$ 8,681,627	3.5%	3.3%	0.2%	3.1%	2.7%
BlackRock High Yield Bond Portfolio	High Yield Bond	\$ 6,194,887	5.9%	7.0%	-1.1%	6.0%	8.0%
Fidelity Inflation Protected Bond Index Fund	TIPS	\$ 2,589,640	10.9%	11.0%	-0.1%	5.8%	5.1%

International Fixed Income Funds	Fund Type	Balance as of 12/31/20	Performance				
			One year return	Index	Difference	Three year return	Five year return
Templeton Global Bond Fund	International Fixed	\$ 3,004,595	-4.1%	10.1%	-14.2%	-0.5%	1.6%

Other Funds	Fund Type	Balance as of 12/31/20
Target Investment Strategy Funds	Target Date	\$ 94,713,018
United of Omaha Annuity/Guaranteed Income Contracts	Annuities/Guaranteed Income	\$ 13,902,639



Reporting Item

BOARD OF DIRECTORS

March 16, 2021

ITEM

Other Post Employment Benefits (OPEB) Trusts – 2020 Annual Report

PURPOSE

Report OPEB Trust Performance for 2020

FACTS

- a. The District has established two Other Post Employment Benefits (OPEB) Trusts to fund the liability of medical and life insurance benefits for retired employees and their spouses. The first trust is designated for employees hired prior to 2008 (Pre-2008 OPEB Trust Fund). The second trust is designated for employees hired after December 31, 2007 (Post-2007 OPEB Trust Fund). The investments for the two OPEB Trust Funds are monitored by an investment committee (Committee) comprised of the Vice Presidents of Financial Services and Human Capital and the Directors of Treasury and Financial Operations, Corporate Accounting and Total Rewards.
- b. The market value of the Pre-2008 OPEB Trust Fund equaled \$183.6 million as of December 31, 2020, compared to \$164.1 million as of December 31, 2019. The District's contributions totaled \$14.8 million, retiree contributions were \$3.8 million and benefit payments along with associated fees were \$23.2 million for 2020. The Pre-2008 OPEB Trust Fund was primarily invested in a global equity fund, a real return fund, a private real estate fund and a core fixed income fund. The asset allocation at year-end was 55.4% equity, 18.1% fixed income, 18.1% real return and 8.4% private real estate, which is within the Investment Policy guidelines. The Fund earned a 15.1% return for 2020.
- c. The market value of the Post-2007 OPEB Trust Fund equaled \$6.1 million as of December 31, 2020, compared to \$5.0 million as of December 31, 2019. The District's contributions totaled \$746,002 in 2020. Benefit payments along with associated fees totaled \$50,601. There were no retiree contributions during 2020. The Post-2007 OPEB Trust Fund was primarily invested in a core bond fixed income fund and a global equity index fund. The asset allocation at year-end was 70.7% fixed income and 29.3% equity which is within the Investment Policy guidelines. The Fund earned a 10.3% return for 2020.
- d. A summary listing investment balances and annual fund performance for the period ending December 31, 2020, is attached.

RECOMMENDED:

DocuSigned by:

L. Javier Fernandez

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L. Javier Fernandez
Vice President and Chief Financial Officer

APPROVED FOR REPORTING TO BOARD:

DocuSigned by:

Timothy J. Burke

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Timothy J. Burke
President and Chief Executive Officer

TFO:jda

Attachments: Investment Balance Summary

**OPPD Other Post Employment Benefit Trusts (OPEB)
Fund Performance
Period Ending December 31, 2020**

OPEB Pre-2008 Trust	Fund Type	Balance as of 12/31/20	Performance				
			One year return	Index	Difference	Three Year return	Five Year return
Wellington Global Opportunities	Global Equity Fund	\$ 101,773,191	24.7%	16.3%	8.4%	11.8%	12.4%
Wellington Core Bond Fund	Core Fixed Income Fund	\$ 33,057,516	9.4%	7.5%	1.9%	6.1%	5.4%
SSgA Real Asset	Real Return Fixed Fund	\$ 33,156,623	3.2%	2.0%	1.2%	3.0%	6.3%
PGIM Real Estate PRISA*	Private Real Estate Fund	\$ 15,383,028	2.5%	1.6%	0.9%	N/A	N/A

OPEB Post-2007 Trust	Fund Type	Balance as of 12/31/20	Performance				
			One year return	Index	Difference	Three Year return	Five Year return
Hartford Total Return Bond Fund**	Core Fixed Income Fund	\$ 3,728,707	9.3%	7.5%	1.8%	N/A	N/A
Vanguard Total World Stock Index Fund	Global Equity Index Fund	\$ 1,779,218	16.7%	16.8%	-0.1%	10.1%	12.5%

* New investment for OPEB A as of September 30, 2019

**Moved from Vanguard Total Bond Market Index to Hartford Total Return Bond Fund as of July 29, 2019



Board Action

BOARD OF DIRECTORS

March 16, 2021

ITEM

SD-14: Retirement Plan Funding Monitoring Report

PURPOSE

To ensure full Board review, discussion and acceptance of SD-14: Retirement Plan Funding Monitoring Report


FACTS

- a. The first set of Board policies was approved by the Board on July 16, 2015. A second set of Board policies was approved by the Board on October 15, 2015.
- b. Each policy was evaluated and assigned to the appropriate Board Committee for oversight of the monitoring process.
- c. The Finance Committee is responsible for evaluating Board Policy SD-14: Retirement Plan Funding Monitoring Report on an annual basis.
- d. The Finance Committee has reviewed the SD-14: Retirement Plan Funding Monitoring Report and is recommending that OPPD be found to be sufficiently in compliance with the policy as stated.


ACTION

The Finance Committee recommends Board approval of the 2021 SD-14: Retirement Plan Funding Monitoring Report.

RECOMMENDED:

DocuSigned by:

AC399EDCE56247E
L. Javier Fernandez
Vice President and Chief Financial Officer

APPROVED FOR BOARD CONSIDERATION:

DocuSigned by:

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Timothy J. Burke
President and Chief Executive Officer

LJF:jap

Attachments: Exhibit A - Monitoring Report
Resolution

Monitoring Report SD-14: Retirement Plan Funding March 16, 2021

Javier Fernandez, Vice President – Financial Services & CFO

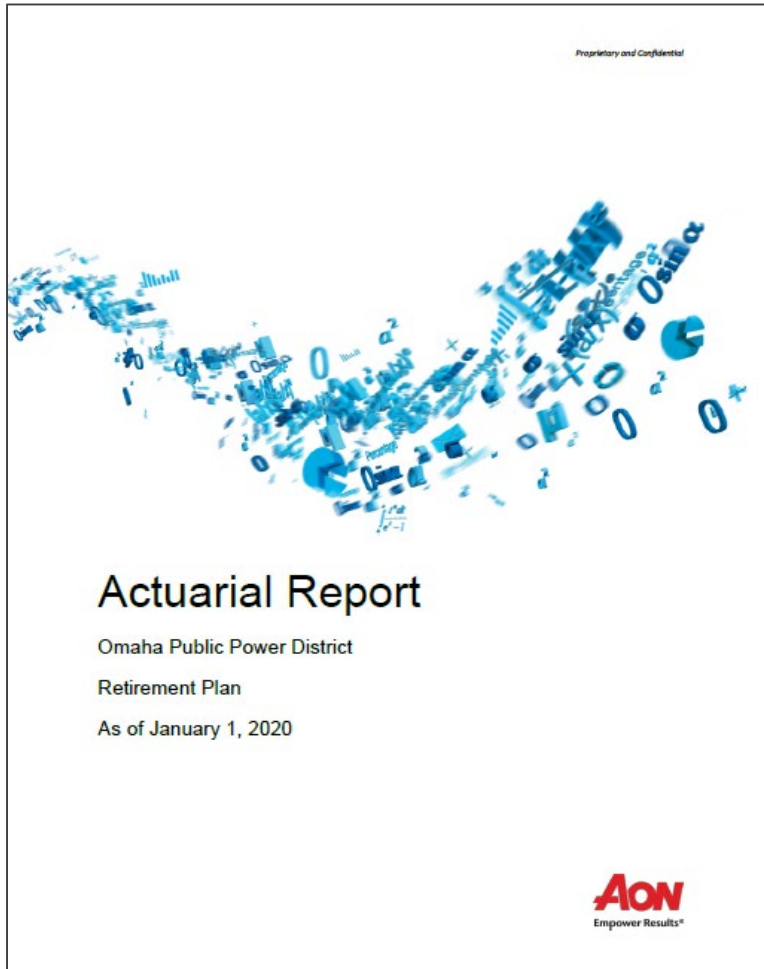
SD-14: Retirement Plan Funding

The Retirement Plan Funding Policy is intended to provide guidance for funding and budgeting for pension obligations, demonstrate prudent financial management practices, re-assure bond rating agencies, and provide transparency to stakeholders on how the Retirement Plan (“Plan”) is funded. OPPD intends to provide for systematic funding of future benefit payments for Plan participants and their beneficiaries.

Therefore:

- A nationally recognized actuarial firm should be utilized to perform the analysis to determine the annual required contribution to the Plan.
- The discount rate to be used to determine the Plan’s current funded status and required contribution will be established with the assistance of an investment consultant.
- OPPD intends to achieve long-term full funding of the cost of benefits provided by the Plan by funding the actuarially determined annual required contribution each year.

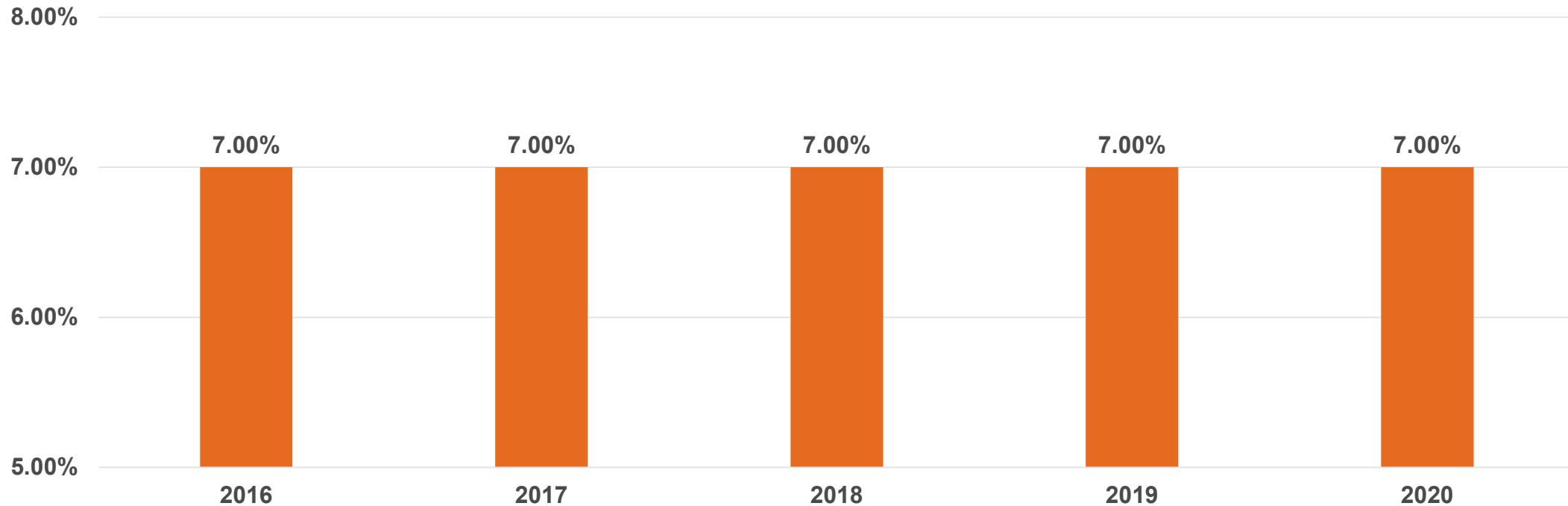
A nationally recognized actuarial firm should be utilized to perform the analysis to determine the annual required contribution to the Plan



- Established relationship with actuary - Aon
- Annual Actuarial Report documents the actuarial valuations for the Retirement Plan assets and liabilities and determines annual required contribution to achieve a fully funded plan within the actuarial period.
- Valuations are conducted in accordance with generally accepted actuarial principles and practices, including Applicable Standards of Practice as issued by the Actuarial Standards Board.

The discount rate to be used to determine the Plan's current funded status and required contribution will be established with the assistance of an investment consultant.

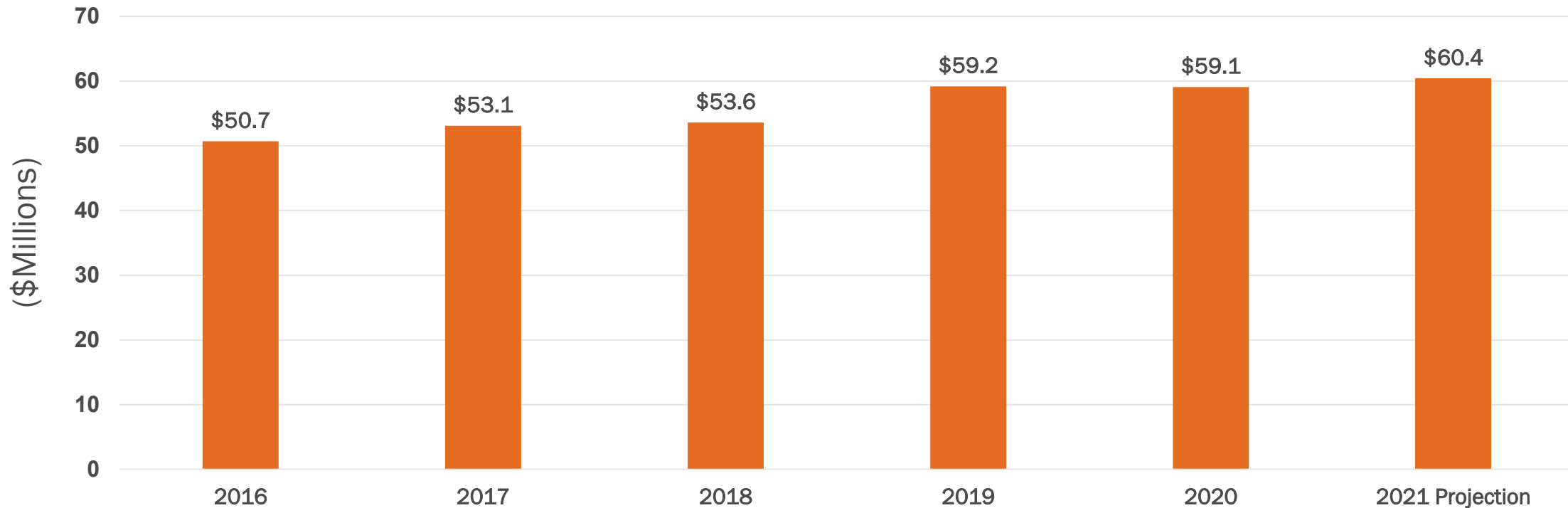
Discount Rate*



* Discount rates are determined by the District's Investment Consultant, Segal Marco, based on the Retirement Plan's asset allocation and active/passive management. The District updated the Plan's discount rate in 2016 as part of an asset/liability study.

OPPD intends to achieve long-term full funding of the cost of benefits provided by the Plan by funding the actuarially determined annual required contribution each year.

Annually Required Contributions (ARC)



Per policy, the District annually funds Aon's determined ARC each year.

Retirement Plan Funded Ratio

Year	2016	2017	2018	2019	2020
Funded Ratio*	69.2%	69.0%	70.0%	67.8%	68.9%
Discount Rate	7.00%	7.00%	7.00%	7.00%	7.00%
Retirement Fund Return**	-1.0%	6.7%	16.5%	-6.3%	19.0%
Other Factors Affecting the Funded Ratio	Updated mortality table. The retirement rate, age and spouse age assumptions were changed based on experience. Number of plan participants changed to reflect the FCS shutdown.	Fort Calhoun Station employee retirement rates occurred at a slower rate than projected.	Updated the mortality table. The FCS assumptions were updated to reflect the current head count forecast.	Updated the mortality table. The FCS assumptions were updated to reflect the current decommissioning forecasts.	Updated the mortality tables. The FCS assumptions were updated to reflect the current decommissioning forecasts.

* Funded Ratio is determined as of January 1 of each year.

** Retirement Fund return as of January 1 of each year.

The District's objective is to reach a fully funded Retirement Plan over the next 20 years

Source: Aon Annual Actuarial Report – Actuarial Accrued Liability to Actuarial Value of Assets

Recommendation

- The Finance Committee has reviewed and accepted this Monitoring Report for SD-14 and recommends that the Board find OPPD to be sufficiently in compliance with Board Policy SD-14.



Yoder/Fernandez

DRAFT
RESOLUTION NO. 64xx

WHEREAS, the Board of the Directors has determined it is in the best interest of the District, its employees, and its customer-owners to establish written policies that describe and document OPPD's corporate governance principles and procedures; and

WHEREAS, each policy was evaluated and assigned to the appropriate Board Committee for oversight of the monitoring process; and

WHEREAS, the Board's Finance Committee (the "Committee") is responsible for evaluating Board Policy SD-14: Retirement Plan Funding on an annual basis. The Committee has reviewed the SD-14: Retirement Plan Funding Monitoring Report and finds OPPD to be sufficiently in compliance with the policy as stated.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of Omaha Public Power District accepts the SD-14: Retirement Plan Funding monitoring report, in the form as set forth on Exhibit A attached hereto and made a part hereof, and finds OPPD to be sufficiently in compliance with the policy as stated.



Board Action

BOARD OF DIRECTORS

March 16, 2021

ITEM

Authorization to increase the amount of Commercial Paper Notes Outstanding

PURPOSE

Authorize an increase in the amount of Commercial Paper Notes Outstanding


FACTS

- a. The District continually monitors its liquidity needs to assure that adequate funds are available to manage the District's operations.
- b. The District currently has a Commercial Paper Program with \$250 million of Commercial Paper Notes (CP Notes) outstanding.
- c. The District has identified the need for \$100 million of additional funds for additional liquidity and a short-term funding option for capital projects.
- d. The District and Barclays Capital, the District's Financial Advisor, have determined that the best option to obtain additional liquidity is to increase the Commercial Paper Program from \$250 million to \$350 million.
- e. The Commercial Paper Program is currently supported by two Credit Agreements with Bank of America, N.A. at an aggregate \$325 million level. The District is currently in the process of obtaining bids for additional Credit Agreements up to \$450 million.
- f. The District anticipates confirmation of its A-1+, P-1 credit ratings from S&P Global and Moody's Investors Service, which are the highest ratings attainable for the District's Commercial Paper Program.

ACTION

Authorization to increase the District's Authorized Amount of CP Notes outstanding from \$250 million to \$350 million.

RECOMMENDED:

DocuSigned by:

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L. Javier Fernandez
Vice President and Chief Financial Officer

APPROVED FOR BOARD CONSIDERATION:

DocuSigned by:

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Timothy J. Burke
President and Chief Executive Officer

LJF: TRV

Attachment: Resolution

RESOLUTION NO. _____

WHEREAS, the Omaha Public Power District (the "District"), a public corporation and political subdivision of the State of Nebraska, is vested pursuant to the provisions of Section 70-631 of the Nebraska Revised Statutes, as amended, with the power to borrow money and incur indebtedness for any corporate use or purpose upon such terms and in such manner as the District shall determine; and

WHEREAS, the Board of Directors of the District (the "Board") has heretofore authorized a tax-exempt commercial paper program (the "CP Program") pursuant to Resolution No. 5832 adopted by the Board on September 16, 2010 (the "CP Resolution") subordinate notes of the District with maturities ranging from one to 270 days, and there is now outstanding as of the date hereof, \$250,000,000 aggregate principal amount of Omaha Public Power District Electric Revenue Notes, CP Series A (the "CP Notes"), payable from the revenues, income, receipts and profits of the District's Electric System, subject to the prior payment of the costs and expenses of operating and maintaining the Electric System and to the payment of the principal of and interest on bonds issued pursuant to Resolution No. 1788 of the District adopted by the Board on January 20, 1972 (as amended, "Resolution No. 1788"); and

WHEREAS, Management of the District has identified the need for \$100 million of additional funds for additional liquidity and a short-term funding option for capital projects; and

WHEREAS, Management has determined, after consulting with Barclays Capital, the District's Financial Advisor, that it is advisable and in the best interest of the District to increase the authorized borrowing level of the District's CP Program from \$250 million to \$350 million; and

WHEREAS, the District's CP Program will be supported by credit facilities at the aggregate \$350 million level; and

WHEREAS, the District anticipates confirmation of A-1+/P-1 credit ratings from S&P Global and Moody's Investors Service which are the highest ratings attainable for the District's CP Program; and

WHEREAS, the additional \$100 million of Commercial Paper shall be marketed by the existing Dealers of the District's CP Program, BofA Securities Inc. and J.P. Morgan Securities LLC;

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

1. That the Authorized Amount of the District's CP Program is hereby increased to \$350 million and Management is hereby authorized and directed to execute such documents, certificates and contracts as are necessary or advisable to effectuate such increase in the CP Program.

2. That Management is authorized to enter into agreements facilitating an increase of the CP Program to \$350 million, including agreements with BofA Securities Inc. and J.P. Morgan Securities LLC as Dealers of the District's Commercial Paper, and The Bank of New York Mellon Trust Company, N.A., as the Issuing & Paying Agent, subject to review and approval of such agreements by the District's General Counsel.

3. That the proceeds of CP Notes may be used for paying certain costs of fuel and construction of general system improvements and extensions, including improvements and extensions to the District's transmission and distribution system, generating system, office buildings and equipment, and paying certain other costs associated with the general corporate purposes of the District as provided in Section 3.9 of the CP Resolution, which costs may include the cost of refinancing outstanding indebtedness of the District and paying other costs associated with the issuance of CP Notes.

OPPD Commercial Paper Program Proposed Increase

L. Javier Fernandez

Vice President – Financial Services & CFO

March 16, 2021

Commercial Paper History

- Commercial Paper (CP) program originally established in 1983 to provide a short-term variable rate funding mechanism
- CP issuance increased in 2019/20 from \$150 million to \$250 million
- The additional \$100 million of CP was used to refund Electric System Subordinate Revenue Bonds
 - Savings of approximately \$41 million based on original CP rates
- In conjunction with the CP increase, OPPD developed a model to monitor its variable rate debt (VRD) to help mitigate the risks associated with VRD

Variable Rate Debt Model

- VRD model has two primary outputs to monitor exposure to VRD
 - Coverage of interest on VRD
 - Calculated as ratio of projected monthly investment interest income to projected monthly interest expense on VRD
 - Targets minimum interest income of 1.5x interest paid on VRD
 - Current coverage of 3.8x
 - Percentage of OPPD's total debt
 - VRD maximum threshold of 20% of OPPD's total debt
 - 20% of total debt is equal to approximately \$294 million
- OPPD will not act immediately to change the levels of VRD or fund balances if the model indicates that current projections will not meet all metrics

Liquidity Facility

- Risk: Distressed market conditions could result in no interest from investors to buy or reinvest in maturing CP maturities. This would result in OPPD having to redeem (pay off) CP maturities.
- Mitigation: OPPD has a dedicated \$250 million line of credit that could be used to assist in redeeming CP maturities, if needed. By expanding the CP program, OPPD would also expand the dedicated line of credit, to provide the same level of risk mitigation.

Commercial Paper Program Proposed Increase

- CP provides access to a flexible, low cost form of financing
 - Cost of CP is more economic than accessing a bank line
- Intention is to periodically issue up to \$100 million of additional CP to provide funds for:
 - Additional liquidity support
 - Budget variances, SPP integrated market, market dislocations
 - Short-term funding option for capital projects
 - Power with Purpose
- VRD metrics may be exceeded in the short-term with additional CP issuances
 - CP would be refunded with long-term debt financings periodically
 - The threshold amount for VRD would increase as additional long-term debt issuances occur to support Power with Purpose

Strong Financial Position

- ‘Aa2’ and ‘AA’ Stable ratings from Moody’s and S&P, respectively
- ‘P-1’ and ‘A-1+’ commercial paper ratings from Moody’s and S&P, respectively
- Minimum projected debt service coverage of 2.0 times through 2022
- The District will have bank lines in place to support additional CP
 - Currently unused \$75 million bank line may be adjusted to allow for greater CP issuance or other corporate purposes

CP Program Recommendation

- OPPD staff recommends increasing the CP program authorization by \$100 million up to a maximum of \$350 million total.
 - Provides financial flexibility
 - Provides an alternative source of capital with low borrowing costs
 - Supports liquidity and 'AA' credit rating
- Upon Board's authorization, gradually increase the CP program, up to a maximum of \$100 million as needed to support:
 - Capital expenditure program related to Power with Purpose
 - Liquidity needs
- Monitor opportunities to refund CP portfolio with long-term financings.



Pre-Committee Agenda

SYSTEM MANAGEMENT & NUCLEAR OVERSIGHT
PRE-COMMITTEE MEETING
WEBEX VIDEOCONFERENCE
March 10, 2021 4:00 – 5:00 P.M.

1. SD-7: Environmental Stewardship (55 min)
 - a. Objective: Review and discuss potential revisions to board policy SD-7: Environmental Stewardship to include language regarding climate change
2. Summary of Committee Direction (5 min)
 - a. Objective: Senior management team liaison(s) to summarize direction provided by the committee



Board Action

BOARD OF DIRECTORS

March 16, 2021

ITEM

Procurement of battery asset for Battery Research Innovation Guided by High-Potential Technologies (BRIGHT) battery pilot project.

PURPOSE

Board of Directors authorization for Management to negotiate and enter into contracts for the battery asset for OPPD's pilot project.

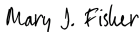
FACTS

- a. OPPD was awarded grant funding for the pilot project through the Nebraska Environmental Trust's (NET) Air Quality Category in June 2020. OPPD's grant application through NET allows for flexibility of battery technology (e.g. Lithium-Ion or Flow) in order to best suit the objectives of the grant and the pilot project.
- b. To support the completion of this new battery energy storage facility that will be interconnected to the existing OPPD system, OPPD intends to enter into one or more contracts for services, material, and labor to engineer, procure and construct (EPC) the battery energy storage facility.
- c. Current battery storage technologies and their specific chemistries vary widely. To ensure the best fit of technology to the application, a negotiated contract process will allow OPPD to leverage an EPC contractor's expertise to optimize the technology selection, design, construction requirements, and schedule risks through contractor communications during the negotiation phase.
- d. Due to the unique and complex nature of utility-scale battery storage technologies, and to ensure completion by the timelines for the NET grant, the District's engineer has certified that compliance with the sealed bidding provisions of the Nebraska Revised Statutes Sections 70-637 through 70-639, as amended, would be impractical and not in the public interest for the battery energy storage facility.

PURPOSE

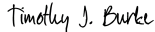
Approval of the Engineer's Certification and authorization for Management to negotiate and enter into a contract or contracts for services, material and construction labor for the battery asset in support of the BRIGHT battery pilot project.

RECOMMENDED:

DocuSigned by:


 Mary J. Fisher
 Vice President – Energy Production and
 Nuclear Decommissioning

APPROVED FOR BOARD CONSIDERATION:

DocuSigned by:


 Timothy J. Burke
 President and Chief Executive Officer

MJF:cmk

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



Date: March 16, 2021

From: C. M. Kennedy

To: M. J. Fisher

Subject: BRIGHT Battery Project : Procurement and Installation of Battery Energy Storage System in Cass County, NE

1.00 GENERAL

In June 2020, The Omaha Public Power District (OPPD or the District) obtained grant support for a 1 megawatt (MW) battery energy storage pilot project located in Cass County. The project, "OPPD Battery Research Innovation Guided by High-Potential Technologies (BRIGHT)" will provide innovative research benefitting all Nebraskans. OPPD BRIGHT will achieve results in Nebraska Environmental Trust's (NET) Air Quality Category by supporting clean air strategies and reducing greenhouse gases. The pilot will test how battery energy storage will integrate on OPPD's grid, provide critical learning in support of OPPD's strategic initiatives, such as Pathways to Decarbonization and Grid Modernization, as well as future resource planning decisions. This research is vital to the District's understanding of procurement, construction, and operations with a pilot energy storage application in learning how to scale for future applications.

To support the completion of this new battery energy storage facility that will be interconnected to the existing substation and distribution systems, OPPD intends to enter into one or more contracts for services, material, and labor to engineer, procure and construct the battery energy storage facility as determined necessary by analysis. OPPD will solicit competitive proposals from qualified suppliers for this new battery energy storage facility using contracting strategies that best support the project and timeline, including the use of engineer, procure, and construct (EPC) contracting processes. The substation and distribution interconnection facilities are not included in this procurement effort and will be sourced separately or performed by OPPD.

Battery projects are highly nuanced due to the fact that variability in technology, when combined with numerous use cases, will create complex interdependencies. A negotiated contract process will allow OPPD to leverage an EPC contractor's expertise to optimize the design, construction requirements, and schedule risks through contractor communications during the negotiation phase.

While the exact capital cost for the new battery energy storage facility will not be known until final proposals are received, the engineer's estimate for battery energy storage facility exceeds \$500,000, requiring compliance with Nebraska Statutes.

Compliance with the sealed bidding requirement of the Nebraska Statutes is impractical and not in the public interest based upon the technical complexity and unique nature of this project. Use of negotiated contract processes will allow OPPD to take advantage of an EPC contractor's expertise to optimize the overall design, construction requirements, and schedule risks through contractor communications during the negotiation phase. Use of negotiated contract processes will allow OPPD additional contract mechanisms to expedite material and construction schedules if warranted to support timelines of the NET grant.

Therefore, it is in the District's and public's best interest to forgo the sealed bidding process. Instead, competitive bids will be sought through publically available RFPs and negotiation processes. The contracts will be awarded to the vendors with the best evaluated bids.

2.00 RECOMMENDATION

An Engineer's Certification documenting the above points in greater detail has been prepared. We recommend and request the Board of Directors approve the Engineer's Certification authorizing Management to negotiate and award competitively bid contracts for the battery asset in support of the BRIGHT battery pilot project.



Courtney M. Kennedy, P.E.
Manager, Alternative Energy Program

ENGINEER'S CERTIFICATION

The Omaha Public Power District (OPPD) obtained grant support for a 1 megawatt (MW) battery energy storage pilot project located in Cass County. The project, "OPPD Battery Research Innovation Guided by High-Potential Technologies (BRIGHT)" will provide innovative research benefitting all Nebraskans. OPPD BRIGHT will achieve results in Nebraska Environmental Trust's (NET) Air Quality Category by supporting clean air strategies and reducing greenhouse gases. Additionally, this pilot project will test how battery energy storage will integrate on OPPD's grid and provide critical learning in support of OPPD's strategic initiatives, such as Pathways to Decarbonization and Grid Modernization, as well as future resource planning decisions. This research is vital to OPPD's understanding of procurement, construction, and operations with a small pilot energy storage application in learning how to scale for future applications.

To support the completion of this new battery energy storage facility and its interconnection to OPPD's existing distribution system, OPPD intends to enter into one or more contracts for services, material, and labor to engineer, procure and construct the battery energy storage facility as determined by analysis. OPPD will solicit competitive proposals from qualified suppliers for this new facility using contracting strategies that best support the project and timeline, including the use of engineer, procure, and construct (EPC) contracting processes.

The undersigned certifies that compliance with the sealed bidding requirements of Nebraska statutes, specifically Nebraska Revised Statutes 70-637 to 639, is impractical and not in the public interest for the sourcing of the battery asset for the following reasons:

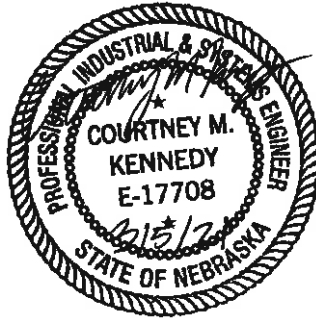
- A utility-scale battery asset is technically complex and requires integration with OPPD's existing substation and distribution facilities to optimize site layouts, enhance performance, and achieve schedule requirements.
- Current battery storage technologies and their specific chemistries vary widely. OPPD's grant application through NET allows for flexibility of battery technology (e.g. Lithium-Ion or Flow) in order to best suit the objectives of the grant and the pilot project. To ensure the best fit of technology to the application, a negotiated contract process will allow OPPD to leverage an EPC contractor's expertise to optimize the technology selection, design, construction requirements, and schedule risks through contractor communications during the negotiation phase.
- Negotiated contract processes would provide additional mechanisms to expedite material and construction schedules if warranted to support the timelines for completing the battery project in accordance with the grant funding timeline.
- Negotiated contract processes would provide additional mechanisms to develop optimal pricing, terms and conditions with acceptable contractual risk mitigation.

Pursuant to Section 70-637 of the Nebraska Revised Statutes, as amended, the District's Board of Directors is requested to approve this Engineer's Certification and authorize Management to negotiate and enter into a contract or contracts with qualified suppliers to provide the requisite engineering, procurement and construction for the BRIGHT battery project without compliance with the sealed bidding requirements of Sections 70-637 to 70-639 of the Nebraska Revised Statutes.

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

Courtney M. Kennedy
Courtney M. Kennedy, P.E.

3/5/2021
Date





FRASER STRYKER

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LAWYERS

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SBRUCKNER@FRASERSTRYKER.COM

March 4, 2021

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

RE: BRIGHT battery project; Engineer's Certification

Ladies and Gentlemen:

We have reviewed the Engineer's Certification of Courtney M. Kennedy, P.E., a registered professional engineer in the State of Nebraska employed by the District. Ms. Kennedy's Engineer's Certification states that OPPD has received grant funds from the Nebraska Environmental Trust to pursue the installation of a one megawatt battery energy storage pilot project located in Cass County. The Certification explains that OPPD intends to contract for services, material, and labor to engineer, procure and construct the battery energy storage facility. The Certification states that the use of sealed bidding for this project would be impractical and not in the public interest because the project is technically complex and requires integration with OPPD's existing substation and distribution facilities, and because a negotiated contract process will enable OPPD to leverage contractor expertise to procure optimal equipment, design, and construction services, and develop optimal pricing, scheduling, and risk mitigation for the project.

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 or unique projects, and to authorize the District to enter into a contract to complete the project. The District is required to advertise its intention to enter into any such contract in three (3) newspapers 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 Ms. Kennedy'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 engineering, procurement, and construction of the battery storage project. 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
2531526



Williams/Fisher

DRAFT
RESOLUTION NO. 64xx

WHEREAS, the District was awarded grant funding from the Nebraska Environmental Trust (NET) in June 2020 for its Battery Research Innovation Guided by High-Potential Technologies (BRIGHT) pilot project, a 1 megawatt (MW) battery energy storage pilot project located in Cass County; and

WHEREAS, the District intends to enter into one or more contracts for services, material, and labor to engineer, procure and construct (EPC) the 1 MW battery energy storage facility in Cass County that will interconnect with the existing electrical system of the District; and

WHEREAS, the District's Engineer has certified that the project is unique and complex because of the nature of utility-scale battery storage technologies and the project must be completed within the timelines prescribed by the NET grant; and

WHEREAS, the District's Engineer has certified that compliance with the sealed bidding provisions of the Nebraska Revised Statutes Sections 70-637 through 70-639, as amended, would be impractical and not in the public interest; and

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

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

1. The Engineer's Certification requesting that the Board authorize Management to negotiate and enter into one or more contracts to provide services, material, and labor to engineer, procure, and construct the battery energy storage facility without compliance with the sealed bidding provisions of Sections 70-637 to 70-639 of the Nebraska Revised Statutes, is hereby approved.

2. Management is hereby authorized and directed to negotiate and enter into a contract or contracts with a qualified contractor or contractors to provide all engineering, procurement, and construction for the BRIGHT battery pilot project, subject to review and approval of the final contract(s) by the District's General Counsel.

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



BRIGHT Battery Update

March Committee Meeting

March 16, 2021



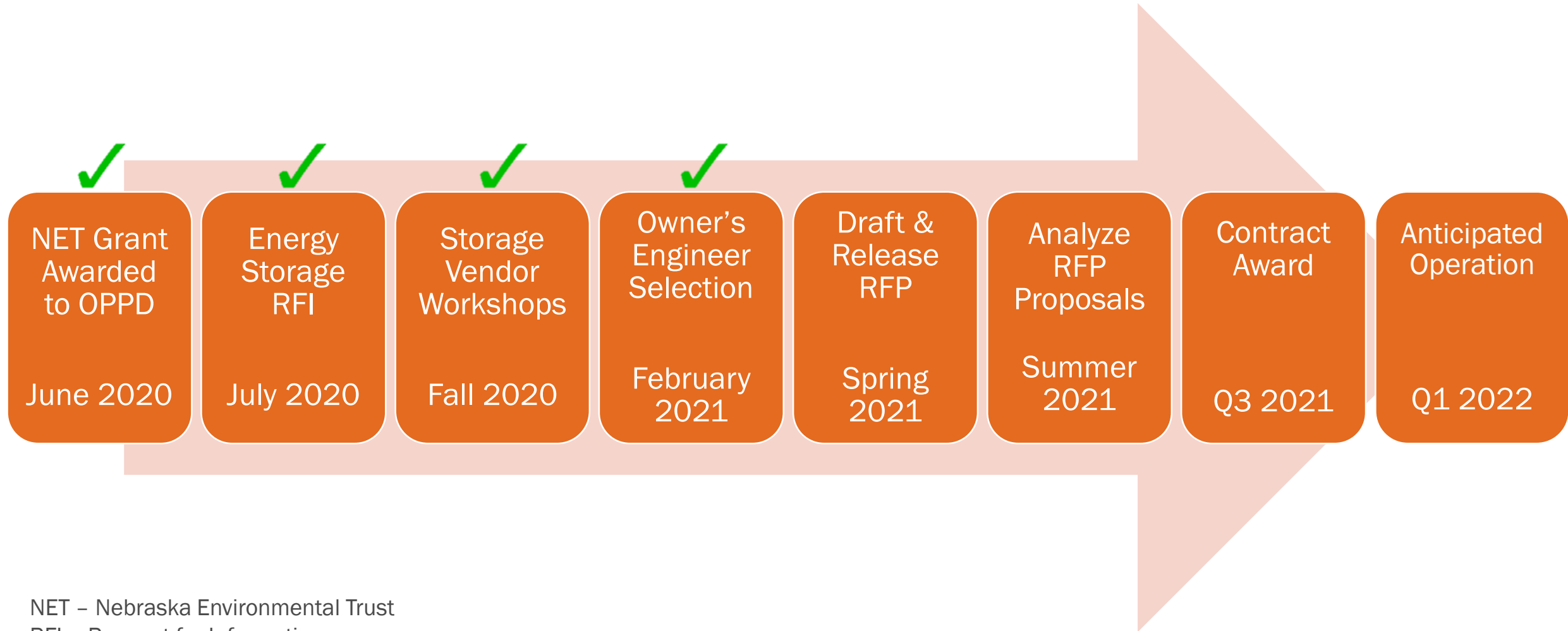
BRIGHT Grant & Project Scoping

Battery Research Innovation Guided by High-Potential Technologies (BRIGHT)

- Nebraska Environmental Trust (NET) Air Quality Category
 - OPPD submitted application in September 2019
 - NET approved funds in June 2020
 - Grant project funding: \$600,000 in fiscal years 2020 and 2021
- Pilot project to facilitate OPPD technology and operational learning
 - Provides learning for Decarbonization efforts and other Strategic Initiatives
 - Allows OPPD to learn about interconnection, permitting, engineering, construction, operations, and safety requirements
- Project specifics based on grant application
 - Size will be ~1MW, with a duration up to 4 hours
 - Location to be at OPPD substation in Cass County
 - Grant application does not specify technology



Milestones



NET – Nebraska Environmental Trust
RFI – Request for Information
RFP – Request for Proposals

Key Takeaways from Technology Exploration

The following summarizes key takeaways and considerations for OPPD's pilot project based on OPPD's Request For Information (RFI) and supplier workshops in 2020:

Technology	Lithium Ion and Flow batteries are the most developed technology that are currently suitable for the project application.
Cost	Inconsistent and varies based on size, application, specific technology, among other factors. Estimates provided in the RFI ranged from \$220 - \$850/kWh.
Schedule	Varies based on design, size, specific technology, sourcing, and many other factors.
Use Cases	Technology, cost, and other project characteristics are dependent on how the asset is ultimately used. <i>Projects must have very clear use cases before design work occurs.</i>
Lifecycle	Highly dependent on how the battery is used (e.g. frequency of cycling and depth of discharge)
Recycling	Battery recycling is in its infancy and is an important environmental consideration for projects.
Safety	Safety is evolving and the industry has made great strides in standardization. The National Fire Protection Association (NFPA) and Underwriter Laboratories (UL) standards have been developed to address safety concerns with energy storage.

Project Updates

February

- Selected Owner's Engineer: Fractal Energy Storage Consultants
- Commenced Request for Proposals (RFP) development

March

- Continue RFP development and defining use cases
- Seek BOD approval to negotiate and award contract

Community Engagement



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Search



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OPPD BRIGHT Pilot

[Home](#) » [BRIGHT Pilot](#)

BRIGHT Pilot



OPPD Battery Storage Pilot (BRIGHT)

The future is very BRIGHT indeed as OPPD embarks on its first battery storage pilot called BRIGHT (Battery Research Innovation Guided by High-Potential Technologies). In September 2019, OPPD applied for a Nebraska Environmental Trust (NET) grant to support a pilot project on battery storage.



The utility was officially awarded the \$600,000 grant on June 11, 2020 and is grateful to NET for the support. This is the largest grant OPPD has received from NET.

Who's Listening

Courtney Kennedy

Manager, Alternative Energy Program
OPPD



Karisa Vlasek

Coordinator-Grants & Stakeholder
Outreach
OPPD



IDEAS

Please share your ideas on what you would consider if you were conducting this pilot.



3 months ago



To add your idea
[Sign In / Register](#)



Too Tall Sid

about 1 month ago

Consider how this could be part of a microgrid for the surrounding customers during an outage and to facilitate alt energy and cogeneration

0 Comment



[View All Ideas](#)

www.oppdcommunityconnect.co/bright-pilot



BOARD OF DIRECTORS

Reporting Item

March 16, 2021

ITEM

Nuclear Oversight Committee Report

PURPOSE

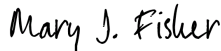
The Nuclear Oversight Committee provides a regular oversight of items related to the Fort Calhoun Station (FCS) nuclear plant.

FACTS

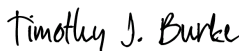
In addition to safe and secure dry cask storage of fuel, the required Preventative Maintenance tasks and Surveillance Tests, the following major decommissioning activities were conducted in January and February:

- Critical path for the deconstruction project remains the segmentation of the reactor vessel internal (RVI) components, which includes both off-site and on-site components. The off-site work is primarily focused on the design and manufacturing of specialty tools used during segmentation. The on-site work is focused on modifying the site structures as needed to support the work. Both the on-site and off-site efforts are challenged to meet the original schedule, with recovery plans in place to minimize overall impact to the project.
- The subcontractor performing demolition of support structures is on-site and is expected to begin demolition activities by the end of March. This scope of work will continue through mid-2022; however, most of the support structures will be removed by the end of this year.
- Installation of the rail spur and processing facility is progressing. The foundation for the structure has been poured, with erection of the facility scheduled to begin this month. The majority of the rail spur track has been installed, with final work to install the remaining switches in progress.
- The Decommissioning Oversight Committee (DOC) meeting was held the first week of March. The site will be following up on the insights and recommendations garnered during their review. The DOC had several positive comments on the project team's performance.

RECOMMENDED:

DocuSigned by:

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 Mary J. Fisher
 Vice President – Energy Production and
 Nuclear Decommissioning

APPROVED FOR REPORTING TO BOARD:

DocuSigned by:

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 Timothy J. Burke
 President and Chief Executive Officer

MJF:tsu



Pre-Committee Agenda

PUBLIC INFORMATION PRE-COMMITTEE MEETING WEBEX VIDEOCONFERENCE

Tuesday, March 9, 2021 4:00 – 5:00 P.M.

1. Legislative and Regulatory Update (30 min)
 - a. Objective: Provide brief update on federal and state legislative and regulatory activities
2. Customer Trends Update (10 min)
 - a. Objective: Provide brief update on customers experiencing financial challenges
3. Public Information Board Work Plan (20 min)
 - a. Objective: Discuss Public Information Committee items on the Board work plan, including timing of potential revisions to Board policies SD-11: Economic Development and SD-13: Stakeholder Outreach and Engagement
4. Summary of Committee Direction (5 min)
 - a. Objective: Senior management team liaison(s) to summarize direction provided by the committee



Reporting Item

BOARD OF DIRECTORS

March 16, 2021

ITEM

Customer Trends Update *[Note: Not presented due to time. Update posted on oppd.com.]*

PURPOSE

To provide an update on customer trends during the COVID-19 pandemic

FACTS

1. In response to COVID-19 Directed Health Measures declared in March 2020, the Omaha Public Power District developed a Customer First Solutions Package, a variety of programs to assist customers during the COVID-19 pandemic.
2. The Board requested that management provide regular reports on the progress of customer programs and trends.
3. Management will provide an update on aged debt and related trends as of February 28, 2021.

RECOMMENDED:

DocuSigned by:

Juli A. Comstock

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Juli A. Comstock

Vice President – Customer Service

APPROVED FOR REPORTING TO BOARD:

DocuSigned by:

Timothy J. Burke

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Timothy J. Burke

President and Chief Executive Officer

JAC:rak



Customer Trends Update

Public Information Pre-Committee March 9, 2021



Continuing to monitor and adjust OPPD's solutions as our customers' needs are changing.



Continuation of Q1 Customer First Solutions

- Maintain flexible bill payment options to help customers financially
- Automatically waive collection & reconnect fees on first field visit in 2021
- Empower customer service representatives to waive up to 3 late payment charges for a customer in a 12-month period
 - Additional fees may be waived upon approval and customer request (e.g. late payments, return check fees, collection & reconnect fees, etc..)
- Suspend assessing additional deposits due to field collection visits
- SMB customers will continue to receive personalized collection efforts prior to disconnection
- Continue personalized field visits and outreach to ensure impacted customers are aware of their options (via Connecting with Customers effort)



Energy Assistance

- The Douglas County COVID-19 Utility Assistance Program officially opened for applications on February 22nd.



Promotional/Marketing Campaign

- Promotional and marketing campaigns will continue to be a priority when (and if) changes are made to our utility assistance programs and customer offerings



Next Steps

- Finalizing the Customer First Operational transition plan as this has become part of OPPD's standard processes. This will be effective April 1st.
- Designing a communication plan for Remote Learners as we slowly transition them back to collection/disconnection activities after the school year.

Summary of Aged Debt

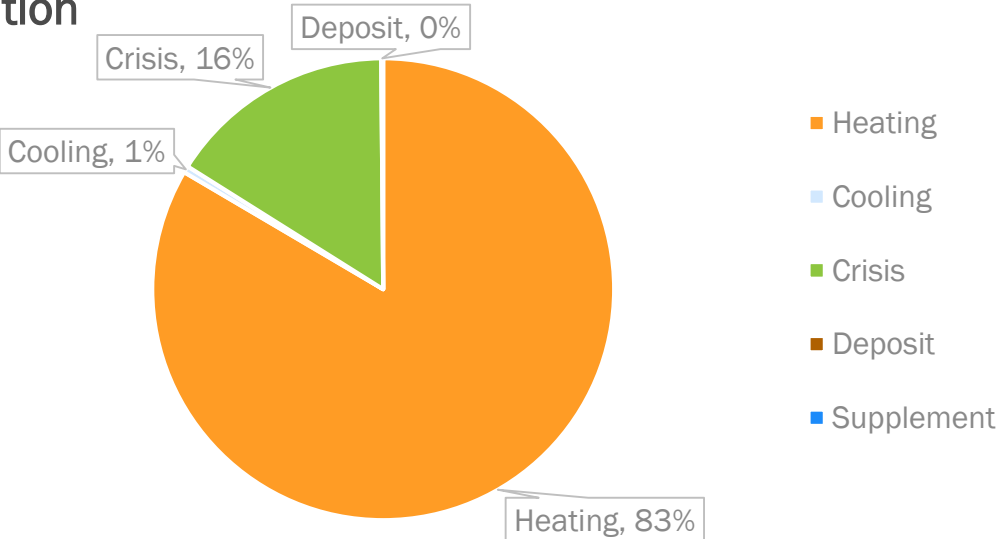
	Residential			Commercial & Industrial		
	February 2021	January 2021	February 2020	February 2021	January 2021	February 2020
% of Accounts Current	90.1%	90.9%	90.7%	92.8%	92.9%	93.5%
% of Accounts in Arrears	9.9%	9.1%	9.3%	7.2%	7.1%	6.5%
Total Aged Debt > 30 days (in millions)	\$6.3	\$5.6	\$5.0	\$2.5	\$1.8	\$2.5
Total Aged Debt 91+ Days (in millions)	\$1.8	\$1.7	\$1.2	\$0.2	\$0.2	\$0.2
Total Service Agreement Count > 30 Days (in thousands)	37.6	34.0	35.0	2.1	2.0	1.8
Total Service Agreement Count > 91+ Days (in thousands)	9.4	9.9	6.5	0.6	0.6	0.4
LIHEAP Only Accounts	February 2021	January 2021	February 2020			
% of Accounts Current	61%	69%	68%			
% of Accounts in Arrears	39%	31%	32%			
Total Aged Debt > 30 days (in millions)	\$0.7	\$0.5	\$0.4			
Total Aged Debt 91+ Days (in millions)	\$0.5	\$0.3	\$0.2			
Total Service Agreement Count > 30 Days (in thousands)	5.2	3.8	3.7			
Total Service Agreement Count > 91+ Days (in thousands)	1.9	1.5	1.0			

Energy Assistance February 2021 YTD

Funding Source	February 2021 YTD	Average Benefit	Distinct Accounts	# of Payments	2020 Year End Total
Energy Assistance Program	\$31,238	\$307	101	102	\$377,571
COVID Relief Programs*	\$506,967	\$247	1934	2063	\$1,641,914
LIHEAP	\$274,264	\$375	720	731	\$5,846,198
Other Agencies Assistance	\$382,565	\$306	1,175	1,251	\$1,489,902
Total	\$1,195,034	\$288	3,781	4,147	\$9,355,585

*Includes CARES funds that approved for December and posted in January

LIHEAP Distribution



Douglas County COVID-19 Utility Assistance Program	3/5/2021
Completed Applications*+##	466
Approved Applications^	308
Average benefit	\$500
Total Dollars Granted	\$154,000

+Program will opened for applications on February 22nd
 *Customers that submitted their application with all documentation which has been processed by Dollar Energy Fund
 #Program closed for application on 3/2/2021. Dollar Energy Fund received 2,229 applications as of 2/28/2020.
 ^Customers approved for the Douglas County COVID-19 Utility Assistance Program



Reporting Item

BOARD OF DIRECTORS

March 16, 2021

ITEM

Legislative and Regulatory Update

PURPOSE

To provide an update on 2021 state and federal legislative matters and regulatory matters

FACTS

- a. Nebraska's 107th Legislature began on January 6, 2021 and is expected to end by June 10, 2021.
- b. The 117th Congress began on January 3, 2021 and is expected to end January 3, 2023.

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:

Timothy J. Burke

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Timothy J. Burke

President and Chief Executive Officer

Attachment: State and Federal Legislative Update

State Legislative Update 3/16/2021

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

State Legislative Update



2021 Nebraska Legislative Calendar

Nebraska's 107th Legislature

- January 6th – Legislature convened at 10 am
- January 20th – Last day of bill introduction
- January 25th – All day public hearings begin
- March 4th - Date to complete committee hearings, except Judiciary Committee on introduced bills
- March 10th – Deadline for Speaker priority requests
- March 12th – Deadline for designation of Committee and Senator priority bills (extended)
- March 12th - Judiciary Committee hearings to be completed
- March 15th – Full-day debate
- June 10th – Day 90, sine die

2021 Legislation – Priority Status

Bill & Current Status	Summary
LB 52 Lathrop	Provide for immunity for injury or death resulting from COVID-19 exposure
<i>Neutral</i>	<i>1/7/21 Introduced, 1/11/21 Referred to Judiciary Committee, 2/18/21 Hearing held</i>
LB 83 Flood	Change the Open Meetings Act to provide for virtual conferencing
<i>Support</i>	<i>1/7/21 Introduced, 1/11/21 Referred to Government, Military and Veterans Affairs Committee, 1/27/21 Hearing held OPPD submitted a letter in support, Placed on General File with AM127, 3/10/21 Government, Military and Veterans Affairs priority bill</i>
LB 84 Bostelman	Redefine terms relating to tax incentive performance audits and the ImagiNE Nebraska Act
<i>Support</i>	<i>1/7/21 Introduced, 1/11/21 Referred to Revenue Committee, 2/26/21 Hearing held, OPPD submitted a letter in support, 3/10/21 Placed on General File</i>
LB 112 Albrecht	Require members of the public to be allowed to speak at each meeting subject to the Open Meetings Act
<i>Neutral</i>	<i>1/7/21 Introduced, 1/11/21 Referred to Government, Military and Veteran Affairs Committee, 1/27/21 Hearing held</i>
LB 120 Hunt	Prohibit discrimination based upon sexual orientation and gender identity
<i>Support</i>	<i>1/7/21 Introduced, 1/11/21 Referred to Judiciary Committee, 2/26/21 Hearing held, OPPD submitted a letter in support.</i>
LB 126 Halloran	Require use of headlights and taillights when windshield wipers are in operation
<i>Support</i>	<i>1/7/21 Introduced, 1/11/21 Referred to Transportation and Telecommunications Committee, 1/26/21 Hearing held, OPPD submitted a letter in support, 2/25/21 Indefinitely postponed.</i>

2021 Legislation – Priority Status

Bill & Current Status	Summary
LB 139 Briese	Adopt the COVID-19 Liability Protection Act
<i>Neutral</i>	<i>1/8/21 Introduced, 1/12/21 Referred to Judiciary Committee, 2/18/21 Hearing held</i>
LB 140 Stinner	Provide funding for enforcement of railroad safety standards
<i>Neutral</i>	<i>1/8/21 Introduced, 1/12/21 Referred to Appropriations Committee, 2/19/21 Hearing held</i>
LB 212 M. Cavanaugh	Prohibit charging members of the Legislature fees for public records requests
<i>Oppose</i>	<i>1/8/21 Introduced, 1/12/21 Referred to Executive Board, 2/25/21 Hearing held</i>
LB 239 Hilkemann	Change provisions relating to the use of handheld wireless communication devices under the Nebraska Rules of the Road
<i>Support</i>	<i>1/11/21 Introduced, 1/13/21 Referred to Transportation and Telecommunication Committee, 1/26/21 Hearing held, OPPD submitted a letter in support, 2/25/21 Indefinitely postponed</i>
LB 240 Hilkemann	Require use of occupant protection systems for each vehicle occupant
<i>Support</i>	<i>1/11/21 Introduced, 1/13/21 Referred to Transportation and Telecommunications Committee, 1/26/21 Hearing held, OPPD submitted a letter in support, 2/25/21 Indefinitely postponed.</i>
LB 266 McCollister	Adopt the Renewable Energy Standard Act
<i>Neutral</i>	<i>1/12/21 Introduced, 1/14/21 Referred to Natural Resources Committee, 2/11/21 Hearing held</i>

2021 Legislation – Priority Status

Bill & Current Status	Summary
LB 279 Bostar	Authorize certain activities that are eligible for assistance from the Affordable Housing Trust Fund
	<i>1/12/21 Introduced, 1/14/21 Referred to Appropriations Committee, 2/26/21 Hearing held</i>
LB 306 Brandt	Provide eligibility requirements for the low-income home energy assistance program
Support	<i>1/12/21 Introduced, 1/14/21 Referred to Health and Human Service Committee, 1/29/21 Hearing held, OPPD testified in support, 3/9/21 Placed on General file</i>
LB 339 Bostelman	Require a utility coordination plan for certain highway and bridge contracts
Neutral	<i>1/13/21 Introduced, 1/15/21 Referred to Transportation and Telecommunications Committee, 1/20/21 Hearing 1/26/21 cancelled, 2/16/21 Hearing held</i>
LB 344 Friesen	Change provisions of the One-Call Notification System Act and create the Underground Excavation Safety Committee
Oppose	<i>1/13/21 Introduced, 1/15/21 Referred to Transportation and Telecommunications Committee, 2/1/21 Hearing held, OPPD submitted written testimony in opposition, Placed on General File with AM83</i>
LB 346 Wishart	Adopt the Fueling Station Tax Credit Act
Neutral	<i>1/13/21 Introduced, 1/15/21 Referred to Revenue Committee, Hearing held 2/5/21</i>
LB 368 Sanders	Provide the Auditor of Public Accounts enforcement powers for failure of political subdivisions to file reports
Neutral	<i>1/13/21 Introduced, 1/15/21 Referred to Government, Military and Veterans Affairs Committee, 1/29/21 Hearing held, 2/8/21 Placed on General File with AM66</i>

2021 Legislation – Priority Status

Bill & Current Status	Summary
LB 409 Brewer	Provide a moratorium on construction of electric transmission lines and create the Electric Transmission Line Study Committee of the Legislature
Oppose	<i>1/14/21 Introduced, 1/20/21 Referred to Executive Board, 1/22/21 Brewer priority bill, 2/3/21 Hearing held, OPPD submitted opposition letter</i>
LB 424 Brewer	Provide and change zoning requirements for wind energy generation projects
Oppose	<i>1/15/21 Introduced, 1/20/21 Referred to Government, Military and Veterans Affairs Committee, 2/26/21 Hearing held</i>
LB 449 Wishart	Appropriate funds to the Department of Environment and Energy
Support	<i>1/15/21 Introduced, 1/20/21 Referred to Appropriations Committee, 2/26/21 Hearing held</i>
LB 455 Friesen	Adopt the Broadband Pole Attachment Act
Oppose	<i>1/15/21 Introduced, 1/20/21 Referred to Transportation and Telecommunications Committee, 2/8/21 Hearing held</i>
LB 460 Brandt	Authorize leasing of dark fiber and eliminate certain powers of the Public Service Commission
Support	<i>1/15/21 Introduced, 1/20/21 Referred to Transportation and Telecommunications Committee, 2/9/21 Hearing held</i>
LB 474 Wishart	Adopt the Medicinal Cannabis Act
Neutral	<i>1/15/21 Introduced, 1/20/21 Referred to Judiciary Committee, 3/10/21 Hearing scheduled</i>

2021 Legislation – Priority Status

Bill & Current Status	Summary
LB 483 J. Cavanaugh	Provide for climate change study and action plan
<i>Neutral</i>	<i>1/15/21 Introduced, 1/20/21 Referred to Natural Resources Committee, 2/11/21 Hearing held</i>
LB 486 Day	Require train crews of at least two individuals
<i>Neutral</i>	<i>1/15/21 Introduced, 1/20/21 Referred to Transportation and Telecommunications Committee, 3/1/21 Hearing held</i>
LB 506 J. Cavanaugh	Change provisions relating to net metering provided by local distribution utilities
<i>Neutral</i>	<i>1/19/21 Introduced, 1/22/21 Referred to Natural Resources Committee, 2/10/21 Hearing held</i>
LB 512 Brewer	Adopt the Critical Infrastructure Utility Worker Protection Act
<i>Support</i>	<i>1/19/21 Introduced, 1/22/21 Referred to Business and Labor Committee, 3/1/21 Hearing held</i>
LB 520 Friesen	Provide for applications for the collocation of certain wireless facilities
<i>Neutral</i>	<i>1/19/21 Introduced, 1/22/21 Referred to Transportation and Telecommunications Committee, 2/8/21 Hearing held</i>
LB 539 Walz	Provide for the limit on the length of trains
<i>Neutral</i>	<i>1/19/21 Introduced, 1/22/21 Referred to Transportation and Telecommunications Committee, 3/1/21 Hearing held</i>

2021 Legislation – Priority Status

Bill & Current Status	Summary
LB 557 M. Hansen	Change provisions relating to public records and include body-worn camera recordings in certain circumstances
	<i>1/19/21 Introduced, 1/22/21 Referred to Government, Military and Veterans Affairs Committee, 2/25/21 Hearing held</i>
LB 573 Bostar	Change the definition of qualified facility for purposes of net metering
<i>Neutral</i>	<i>1/19/21 Introduced, 1/22/21 Referred to Natural Resources Committee, 2/10/21 Hearing held</i>
LB 619 Sanders	Change excavation requirements under the One-Call Notification System Act
<i>Neutral</i>	<i>1/20/21 Introduced, 1/22/21 Referred to Transportation and Telecommunications Committee, 2/1/21 Hearing held, AM 70 introduced which writes OPPD out of the bill</i>
LB 683 Wayne	Change provisions relating to net metering
<i>Oppose</i>	<i>1/20/21 Introduced, 1/22/21 Referred to Natural Resources Committee, 2/10/21 Hearing held</i>
LR 48 Bostelman	Recognize the need for the Legislature to understand the circumstances and practices surrounding the interruptions in electricity to residents in the state
	<i>3/3/21 Hearing held</i>
LR 49 Wayne	Provide the need for the Legislature to understand the reasons for and circumstances surrounding the natural gas shortages
	<i>3/9/21 Hearing held</i>

Federal Legislative Update



Since Last Report...

- More than 2,400 bills introduced so far in the 117th Congress.
- Confirmation of appointees speeding up. EPA Administrator confirmed March 10th. (slide 30 in appendix).
- Biden's \$1.9 trillion American Rescue Plan passed the House and Senate. Sent to President for signature.
- Major focus is pandemic relief, but other bills of interest introduced.
 - H.R. 848, the GREEN Act (renewable energy tax incentives) continues to gain cosponsors (37).
 - H.R. 1512, the CLEAN Future Act (Clean Energy Standard)
- Infrastructure package expected to be introduced after Covid-19 stimulus. Biden's campaign promised a \$2 trillion investment to create a "modern, sustainable infrastructure" system and clean energy transition.
 - House Leading Infrastructure For Tomorrow's America Act, or LIFT America Act
- Hearings are starting on energy and environmental policies to set the groundwork for future legislation on climate.
- Senate Energy Committee hearing on energy grid reliability March 11th.

Omaha Public Power District

107th Session of the Nebraska State Legislature - March 12, 2021

Bill No	One Liner and Summary	Proposed Position	Status	Strategic Directive(s)	Rationale & Actions
Priority Bills					
LB 52 Lathrop	Provide for immunity for injury or death resulting from COVID-19 exposure. <i>COVID Liability placeholder bill. No person shall be liable in any civil action for any injury or death resulting from an alleged exposure to COVID-19 if such exposure occurred after the effective date of this act.</i>	Neutral	1/11/21 Referred to Judiciary Committee. 2/18/21 Hearing held.	SD-15	Senior management team & Subject matter expert review.
LB 83 Flood	Change the Open Meetings Act to provide for virtual conferencing. <i>Allows virtual conferencing in emergencies. Relieves regional entities of the simulcasting requirement.</i>	Support NPA Support	1/11/21 Referred to Govt., Military and VA Committee. 1/27/21 Hearing held. 2/16/21 Placed on General File with AM127. 3/10/21 Government, Military and Veterans Affairs priority bill.	SD -5 SD-13	OPPD submitted a letter in support.
LB 84 Bostelman	Redefine terms relating to tax incentive performance audits and the ImagiNE Nebraska Act. <i>Includes nuclear energy in the definition of renewable energy for purposes of the ImagiNE Act tax incentive.</i>	Support	1/1/21 Referred to Revenue Committee. 2/26/21 Hearing held. 3/10/21 Placed on General File.	SD-9	Senior management team & Subject matter expert review. OPPD submitted a letter in support.
LB 112 Albrecht	Require members of the public to be allowed to speak at each meeting subject to the Open Meetings Act.	Neutral	1/11/21 Referred to Govt., Military and VA Committee. 1/27/21 Hearing held.	SD-5 SD-13	
LB 120 Hunt	Prohibit discrimination based upon sexual orientation and gender identity.	Support	1/11/21 Referred to Judiciary Committee. 2/26/21 Hearing held.	SD-8	Senior management team review. Final SMT review to support. OPPD submitted a letter in support.
LB 126 Halloran	Require use of headlights and taillights when windshield wipers are in operation.	Support	1/11/21 Referred to Transp. and Telecom Committee. 1/26/21 Hearing held. 2/25/21 Indefinitely postponed.	SD-6	OPPD submitted a letter in support.
LB 139 Briese	Adopt the COVID-19 Liability Protection Act. <i>Provides immunity from civil liability, generally, and specifically for health care providers and facilities, landlords and tenants, and those following public health guidance. Clear and convincing evidence is required. Exception for gross negligence or willful misconduct causing hospitalization or death. Liability protections begin on the effective date of this act and end on the earlier of Dec. 31, 2022, or one year after the end of the COVID-19 state of emergency. Cause of action must be brought within two years.</i>	Neutral	1/12/21 Referred to Judiciary Committee. 2/18/21 Hearing held. 3/11/21 Slama priority bill.	SD-15	Senior management team & Subject matter expert review.
LB 140 Stinner	Change provisions relating to enforcement of railroad safety standards.	Neutral	1/12/21 Referred to Appropriations Committee. 2/19/21 Hearing held.	SD-6	Senior management team & Subject matter expert review.

LB 212 M. Cavanaugh	Prohibit charging members of the Legislature fees for public record requests.	Oppose NPA Oppose	1/12/21 Referred to Executive Board. 2/25/21 Hearing held.	SD-12	Senior management team review. OPPD's position will be neutral with amendment.
LB 239 Hilkemann	Change provisions relating to the use of handheld wireless communication devices under the Nebraska Rules of the Road. <i>Prohibits use of handheld wireless devices while driving.</i>	Support	1/13/21 Referred to Transp. and Telecom Committee. 1/26/21 Hearing held. 2/25/21 Indefinitely postponed.	SD-6	OPPD submitted a letter in support.
LB 240 Hilkemann	Require use of occupant protection systems for each vehicle occupant. <i>All occupants in a motor vehicle must wear a seat belt.</i>	Support	1/13/21 Referred to Transp. and Telecom Committee. 1/26/21 Hearing held. 2/25/21 Indefinitely postponed.	SD-6	OPPD submitted a letter in support.
LB 266 McCullister	Adopt the Renewable Energy Standard Act. <i>Requires Public Power to achieve net-zero carbon emissions by 2050. The Act shall not apply to PP if the board of directors of the PP makes a declaration that compliance will negatively reliable operations.</i>	Neutral NPA Oppose	1/14/21 Referred to Natural Resources Committee. 2/11/21 Hearing held.	SD-4 SD-7	Senior management team & Subject matter expert review.
LB 279 Bostar	Authorize certain activities that are eligible for assistance from the Affordable Housing Trust Fund. <i>Adds weatherization and solar or other energy improvements to make utilities for housing more affordable. Bill does not change funding but rather allows utilization of the funds for solar energy, weatherization and energy improvements.</i>	Neutral	1/14/21 Referred to Appropriations Committee. 2/26/21 Hearing held.	SD-7	
LB 306 Brandt	Provide eligibility requirements for the low-income home energy assistance program. <i>Increases eligibility for LIHEAP from 130% below poverty level to 150%.</i>	Support NPA Support	1/14/21 Referred to HHS Committee. 1/29/21 Hearing held. 3/9/21 Placed on General File. 3/12/21 Brandt priority bill.	SD-5	OPPD bill.
LB 339 Bostelman	Require a utility coordination plan for certain highway and bridge contracts. <i>Requires contracts exceeding \$50,000 for construction, repair, etc. of roads and bridges in any city or county with more than 25,000 habitants to have a utility coordination plan.</i>	Neutral	1/15/21 Referred to Trans and Telecom Committee. 1/20/21 Hearing cancelled. 2/16/2021 Hearing held.		
LB 344 Friesen	Change provisions of the One-Call Notification System Act and create the Underground Excavation Safety Committee. <i>Members of committee are; State Fire Marshall, two representatives of operators, two representatives of excavators. Governor shall appoint the representative members. Only by a unanimous vote of the committee shall the recommendation include a civil penalty.</i>	Oppose	1/15/21 Referred to Trans and Telecom Committee. 2/1/21 Hearing held. 2/24/21 Placed on General File with AM83.	SD -6	OPPD submitting testimony in opposition. Creates an unnecessary committee adding time and cost to the process.
LB 346 Wishart	Adopt the Fueling Station Tax Credit Act. <i>Creates a tax credit for any taxpayer equal to 75% of the cost of a qualified alternative-fuel fueling staton placed in service during calendar year 2021 or 2022. Qualified alternataive-fuel fueling station means a metered-for-fee, public access recharging system for EV or in part EV's.</i>	Neutral	1/15/21 Referred to Revenue Committee. 2/5/21 Hearing held.	SD-2 SD-5 SD-7 SD-9	Same bill from last session, watching fiscal note and amendments.

LB 368 Sanders	Provide the Auditor of Public Accounts enforcement powers for failure of political subdivisions to file reports. <i>Bill would impose a \$20 per day fine not to exceed \$2000 for late filing and at the auditor's discretion, can audit the political subdivision. Audit expenses shall be paid by the political subdivision.</i>	Neutral	1/15/21 Referred to Govt, Military and VA Committee. 1/29/21 Hearing held. 2/8/21 Placed on General File with AM66. 3/12/21 Advanced to Select File.	SD-14	Senior management team & Subject matter expert review.
LB 409 Brewer	Provide a moratorium on construction of electric transmission lines and create the Electric Transmission Line Study Committee of the Legislature. <i>Moratorium would be in effect until 1/1/23 for transmission lines 200 miles or more in length.</i>	Oppose NPA Oppose	1/20/21 Referred to Executive Board. 1/22/21 Brewer priority bill. 2/3/21 Hearing held.	SD-9	OPPD sending opposition letter.
LB 424 Brewer	Provide and change zoning requirements for wind energy generation projects. <i>Requires counties to incorporate zoning regulations for setbacks, noise standards, decommissioning terms and fees for conditional use permits for industrial wind projects.</i>	Oppose	1/20/21 Referred to Govt, Military and VA Committee. 2/26/21 Hearing held.	SD-9	Creates unnecessary steps for renewable energy development. OPPD submitted a letter in opposition.
LB 449 Wishart	Appropriate funds to the Department of Environment and Energy. <i>Appropriates \$100,000 from General fund in FY 21-22 and FY22-23 to the Low-Income Weatherization Program to aid in EE audits and weatherization improvements.</i>	Support NPA Support	1/20/21 referred to Appropriations Committee. 2/26/21 Hearing held.	SD-5	Senior management team & Subject matter expert review. OPPD testified in support.
LB 455 Friesen	Adopt the Broadband Pole Attachment Act.	Oppose NPA Oppose	1/20/21 Referred to Trans and Telecom Committee. 2/8/21 Hearing held.		Adopts provisions to regulate electric utility easements and pole attachments in favor of telecommunication providers and with oversight by the Public Service Commission.
LB 460 Brandt	Authorize leasing of dark fiber and eliminate certain powers of the Public Service Commission.	Support NPA Support	1/20/21 Referred to Trans and Telecom Committee. 2/9/21 Hearing held.	SD-9	OPPD bill. Javier testified for OPPD.
LB 474 Wishart	Adopt the Medicinal Cannabis Act. <i>Nothing in the bill affects the ability of an employer to restrict the use of marijuana, cannabis, or cannabis products.</i>	Neutral	1/20/21 Referred to Judiciary Committee. 3/10/21 Hearing held. 3/12/21 Wishart priority bill.	SD-8	Senior management team & Subject matter expert review.
LB 483 J. Cavanaugh	Provide for climate change study and action plan.	Neutral	1/20/21 Referred to Natural Resources Committee. 2/11/21 Hearing held.	SD-7	Discussed with Senator - May move to support with amendment for eminent domain, electric utilities part of the process and funding.
LB 486 Day	Require train crews of at least two individuals.	Neutral	1/21/21 Trans and Telecom Committee. 3/1/21 Hearing held.		Senior management team & Subject matter expert review.
LB 506 J. Cavanaugh	Change provisions relating to net metering provided by local distribution utilities. <i>Increases the distribution utility total generating capacity for all customer-generators using net metering from 1% to 3% of the capacity necessary to meet the utility's average aggregate customer monthly peak demand forecast for the calendar year.</i>	Neutral NPA Oppose	1/22/21 Referred to Natural Resources Committee. 2/10/21 Hearing held.	SD-2	OPPD is not in need of a change to 3% for more net metering offerings. OPPD submitted letter in the neutral capacity.
LB 512 Brewer	Adopt the Critical Infrastructure Utility Worker Protection Act.	Support NPA Support	1/22/21 Referred to Business and Labor Committee. 3/1/21 Hearing held.	SD-6	OPPD bill. Javier to testify in support.

LB 520 Friesen	Provide for applications for the collocation of certain wireless facilities.	Neutral NPA Oppose	1/22/21 Referred to Trans and Telecom Committee. 2/8/21 Hearing held.		
LB 539 Walz	Provide for the limit on the length of trains. Length of trains not to exceed 7500 feet in length on a main track or a branch line within the state.	Neutral	1/22/21 Referred to Trans and Telecom Committee. 3/1/21 Hearing held.		Senior management team & Subject matter expert review.
LB 557 M. Hansen	Change provisions relating to public records and include body-worn camera recordings in certain circumstances.	NPA Oppose	1/22/21 Referred to Govt., Military and VA Committee. 2/25/21 Hearing held.		Senior management team & Subject matter expert review.
LB 573 Bostar	Change the definition of qualified facility for purposes of net metering.	Neutral NPA Support	1/22/21 Referred to Natural Resources Committee. 2/10/21 hearing held.	SD-2	Technical change to measure in alternating current (AC). OPPD submitted a letter in the neutral capacity.
LB 619 Sanders	Change excavation requirements under the One-Call Notification System Act. Would put electric lines at 36 inch below grade. Exempts fine grading from Act. AM 70 replaces the bill and would exempt electric utilities.	Neutral	1/22/21 Referred to Trans and Telecom Committee. 2/1/21 Hearing held.	SD-6	If amendment introduced our position will become Neutral.
LB 683 Wayne	Change provisions relating to net metering.	Oppose NPA Oppose	1/22/21 Referred to Natural Resources Committee. 2/10/21 hearing held.	SD-2	Similar bill to last year, OPPD opposed previously. Bill allows for all types of generation outside of intent for renewables. This will allow retail choice. OPPD submitted written testimony in opposition.
Bill No	One Liner and Summary	Proposed Position	Status	Strategic Directive(s)	Rationale & Actions
Bills of General Interest (MONITOR)					
LB 18 Kolterman	Change provisions relating to equivalent employees and qualified locations under the Imagine Nebraska Act. Changes Imagine Nebraska Act "equivalent employee" definition from residents of this state to employees who were employed in Nebraska and subject to Nebraska income tax on compensation received from the taxpayer. Adds to qualified location definition a location at which the majority of business activities conducted are postharvest crop activities or the processing of tangible personal property.	Monitor	1/11/21 Referred to Revenue Committee. 2/26/21 Hearing held. 3/11/21 Stinner priority bill.		
LB 40 Groene	Adopt the Nebraska Rural Projects Act. Allows for nonprofit economic development corporations to apply to DED through 2022 for matching funds of up to \$10 million for a project (an investment by the applicant of up to \$10 million at one qualified location within a county with a population of less than 100,000). Makes the program subject to legislative appropriations.	Monitor	1/11/21 Referred to Revenue Committee. 2/18/21 Hearing held. 3/10/21 Groene priority bill.		
LB 54 Lathrop	Change immunity for intentional torts under the Political Subdivisions Tort Claims Act and the State Tort Claims Act.	Monitor	1/11/21 Referred to Judiciary Committee. 2/18/21 Hearing held. 3/12/21 Lathrop priority bill.		

LB 58 Pahls	Change requirements for service by publication for delinquent liens arising from city or village special assessments.	Monitor	1/11/21 Referred to Judiciary Committee. 3/4/21 Hearing held. 3/10/21 Placed on General File.		
LB 65 Williams	Change contractual conflict of interest provisions under the Nebraska Political Accountability and Disclosure Act.	Monitor	1/11/21 Referred to Govt, Military and VA Committee. 2/10/21 Hearing held. 2/16/21 Placed on General File.		
LB 71 Wayne	Change provisions relating to intentional tort claims under the Political Subdivisions Tort Claims Act and State Tort Claims Act	Monitor	1/11/21 Referred to Judiciary Committee. 2/18/21 Hearing held.		
LB 113 Albrecht	Change provisions relating to motor vehicle titling, licensing, registration, and fees and operators' licenses and permits and authorize a new motor carrier services system	Monitor	1/11/21 Referred to Trans and Telcom Committee. 1/25/21 Hearing held. 2/2/21 Placed on General File. 2/16/21 Albrecht AM226 filed. 2/24/21 Advanced to Select File with ER9.		
LB 133 Erdman	Adopt the Nebraska EPIC Consumption Tax Act and eliminate certain other taxes.	Monitor	1/11/21 Referred to Revenue Committee. 2/3/21 Hearing held.		
LB 134 Brandt	Require the posting and reporting of tax incentive information under the Taxpayer Transparency Act. The State Treasurer's website shall contain the information for each taxpayer receiving a tax incentive under a tax incentive program	Monitor	1/11/21 Referred to Revenue Committee. 2/26/21 Hearing held.		
LB 148 Bostelman	Transfer certain environmental safety programs to the Department of Environment and Energy	Monitor	1/12/21 Referred to Natural Resources Committee. 1/27/21 Hearing held. 2/4/21 Placed on General File with AM28. 2/24/21 Advanced to Select File.		
LB 149 Albrecht	Adopt changes to federal law regarding motor vehicles and motor carriers	Monitor	1/15/21 Referred to Trans and Telcom Committee. 1/25/21 Hearing held. 2/2/21 Placed on General File. 2/24/21 Advanced to Select File. 3/9/21 Advanced to Final Reading. 3/9/21 Passed on Final Reading 47-0-2.		
LB 156 Wayne	Adopt the Municipal Inland Port Authority Act. <i>Allows for the creation of inland port authorities, which shall have the power to plan and develop the inland port district.</i>	Monitor	1/12/21 Referred to Urban Affairs Committee. 2/2/21 Hearing held. 2/18/21 Placed on General file with AM223. 3/11/21 Urban Affairs priority bill.		
LB 161 Urban Affairs Committee	Provide for the applicability of state and local construction codes	Monitor	1/12/21 Referred to Urban Affairs Committee. 2/9/21 Hearing held. 2/18/21 Placed on General File.		

LB 163 Urban Affairs Committee	Change and eliminate provisions relating to cities, villages, and metropolitan utilities districts. <i>Bill is a product of the LR 370 interim study. Chapter 18 clean up.</i>	Monitor	1/12/21 Referred to Urban Affairs Committee. 1/26/21 Hearing held. 1/28/21 Placed on General File with AM 9. 2/23/21 Advanced to Select File.		
LB 170 M. Hansen	Change provisions relating to the date when compensation begins under the Nebraska Workers' Compensation Act.	Monitor	1/12/21 Referred to Business and Labor Committee. 1/22/21 Bill withdrawn.		
LB 171 M. Hansen	Change provisions of the Employment Security Law relating to weekly benefit amounts and maximum annual amounts	Monitor	1/12/21 Referred to Business and Labor Committee. 2/8/21 Hearing held.		
LB 172 M. Hansen	Change provisions relating to benefit payments under the Employment Security Law	Monitor	1/11/21 Referred to Business and Labor Committee. 3/1/21 Hearing held.		
LB 174 Friesen	Change provisions relating to highways and highway funding, road classifications, licensure of local highway and street superintendents, motor vehicle safety responsibility, accident reports, and the Nebraska Rules of the Road	Monitor	1/12/21 Referred to Trans and Telcom Committee. 1/25/21 Hearing held. 2/2/21 Placed on General File. 2/24/21 Advanced to Select File. 3/9/21 Advanced to Final Reading. 3/11/21 Passed on Final Reading 49-n-n		
LB 175 Friesen	Change the distribution of sales tax revenue and authorize the use of funds for certain infrastructure projects	Monitor	1/12/21 Referred to Revenue Committee. 2/19/21 Hearing held.		
LB 191 Hughes	Redefine elector for the Irrigation District Act	Monitor	1/1/21 Referred to Natural Resources Committee. 1/27/21 Hearing held.		
LB 194 Vargas	Change the Nebraska Job Creation and Mainstreet Revitalization Act. <i>Narrows definition of historically significant real property to mean a structure at-grade or above-ground.</i>	Monitor	1/11/21 Referred to Revenue Committee. 2/4/21 Hearing held.		
LB 199 Vargas	Adopt the Face Surveillance Privacy Act	Monitor	1/12/21 Referred to Judiciary Committee. 3/11/21 Hearing held.		
LB 205 Hunt	Change provision relating to unpaid periodic rent under the Uniform Residential Landlord and Tenant Act	Monitor	1/12/21 Referred to Judiciary Committee. 1/27/21 Hearing held.		
LB 207 McDonnell	Change provisions relating to the date when compensation begins under the Nebraska Workers' Compensation Act	Monitor	1/12/21 Referred to Business and Labor Committee. 3/1/21 Hearing held.		
LB 209 McDonnell	Change provisions relating to treatment of deferred compensation by certain political subdivisions, state agencies and the Public Employees Retirement Board	Monitor	1/12/21 Referred to Nebraska Retirement Systems Committee. 3/3/21 Hearing held.		
LB 213 Briese	Provide for an efficiency review of state agencies	Monitor	1/13/21 Referred to Govt., Military and VA Committee. 1/28/21 Hearing held.		

LB 220 Wayne	Change applicability provisions for building codes	Monitor	1/13/21 Referred to Urban Affairs Committee. 2/9/21 Hearing held.		
LB 226 Hilkemann	Change motor vehicle tax exemptions as prescribed under the Motor Vehicle Registration Act	Monitor	1/13/21 Referred to Trans and Telecom Committee. 2/1/21 Hearing held.		
LB 227 Morfeld	Adopt the Doxing Prevention Act and change and provide penalties and a civil action for false reporting	Monitor	1/11/21 Referred to Judiciary Committee. 3/11/21 Hearing held.		
LB 228 Morfeld	Change the Property Assessed Clean Energy Act. <i>Would allow retroactivity eligibility for PACE financing up to 36 months after completion.</i>	Monitor	1/13/21 Referred to Urban Affairs Committee. 2/2/21 Hearing held.		
LB 249 Pansing Brooks	Prohibit employers from inquiring about wage rate history under the Nebraska Fair Employment Practice Act.	Monitor	1/13/21 Referred to Business and Labor Committee. 1/25/21 Hearing held.		
LB 255 M. Hansen	Adopt the In the Line of Duty Compensation Act	Monitor	1/13/21 Referred to Business and Labor Committee. 1/25/21 Hearing held. 2/10/21 Placed on General File.		
LB 256 M. Hansen	Change provisions relating to lump-sum settlement approval and the filing of releases under the Nebraska Workers' Compensation Act	Monitor	1/13/21 Referred to Business and Labor Committee. 2/1/21 Hearing held. 3/12/21 Placed on General File.		
LB 257 M. Hansen	Change provisions relating to vacancies on public power and irrigation district boards. <i>Gives the board of directors the authority to fill vacancies on boards. Removes Governor appointments.</i>	Monitor	1/13/21 Referred to Govt, Military and VA Committee. 2/25/21 Hearing held.		
LB 258 Vargas	Adopt the Healthy and Safe Families and Workplaces Act	Monitor	1/11/21 Referred to Business and Labor Committee. 2/8/21 Hearing held. 3/11/21 M. Hansen priority bill.		
LB 265 Blood	Change provisions of the Property Assessed Clean Energy Act. <i>Would grant an exemption to eliminate report requirements for municipalities that allow PACE but do not have PACE activity.</i>	Monitor	1/14/21 Referred to Urban Affairs Committee. 2/2/21 Hearing held. 2/18/21 Placed on General File.		
LB 272 Morfeld	Adopt the Apprenticeship Training Program Tax Credit Act. <i>Sets out requirements for a qualified apprenticeship training program and allows for a non-refundable tax credit for taxpayers who employ an apprentice as part of a qualified program. Sets out requirements for applying for the tax credit, which shall not exceed the lesser of \$2000 or 50% of the total wages expected to be paid to such apprentice during the year, with an overall cap of \$2.5 million per year.</i>	Monitor	1/14/21 Referred to Revenue Committee. 2/5/21 Hearing held.		
LB 284 M. Cavanaugh	Provide requirements regarding federal funds under the Governor's Emergency Program	Monitor	1/14/21 Referred to Govt., Military and VA Committee. 2/26/21 Hearing held.		

LB 285 Brewer	Change provisions relating to elections conducted pursuant to the Election Act	Monitor	1/14/21 Referred to Govt., Military and VA Committee. 2/5/21 Hearing held. 3/9/21 Placed on General File with AM431. 3/10/21 Government, Military and Veterans Affairs priority bill.		
LB 290 M. Cavanaugh	Adopt the Paid Family and Medical Leave Insurance Act.	Monitor	1/14/21 Referred to Business and Labor Committee. 2/8/21 Hearing held.		
LB 293 Flood	Change the number of and qualifications for members of the Public Service Commission. <i>Redistricts commission territory. Adds two commissioners for a total of seven. Commissioners are allowed to hold other jobs as long as the position is not under the regulation of the PSC.</i>	Monitor	1/14/21 Referred to Trans and Telecom Committee. 2/1/21 Hearing held.		
LB 298 McDonnell	Change provisions of the Employment Security Law relating to the disqualification of certain aliens.	Monitor	1/14/21 Referred to Business and Labor Committee. 1/25/21 Hearing held.		
LB 332 Wayne	Change provisions relating to the city council of a city of the metropolitan class. <i>Would divide the city council districts into 9 districts starting in 2025.</i>	Monitor	1/15/21 Referred to Urban Affairs Committee. 2/2/21 Hearing held. 2/18/21 Placed on General file with AM118.		
LB 338 Bostelman	Provide powers and duties for the Public Service Commission regarding redirection of funding for broadband services.	Monitor NPA Support	1/15/21 Referred to Transp. and Telecom Committee. 2/9/21 Hearing held. 3/12/21 Bostelman priority bill.		
LB 366 Briese	Change the Nebraska Advantage Microenterprise Tax Credit Act. <i>Amends the Nebraska Advantage Microenterprise Tax Credit Act to narrow the definition of related party for purposes of limiting the amount of lifetime credits (no longer based on being relatives) and requires the Tax Commissioner to include in its annual report pursuant to § 77-5907, information on project-specific total credits used every two years for each approved application and make other certain disclosures.</i>	Monitor	1/15/21 Referred to Revenue Committee. 2/4/21 Hearing held.		
LB 369 Sanders	Provide the Auditor of Public Accounts access to working papers and audit files	Monitor	1/11/21 Referred to Govt., Military and VA Committee. 1/29/21 Hearing held. 2/8/21 Placed on General File with AM67.		
LB 370 Sanders	Adopt the Personal Privacy Protection Act	Monitor	1/15/21 Referred to Judiciary Committee. 3/11/21 Hearing held.		

LB 388 Friesen	Adopt the Nebraska Broadband Bridge Act. <i>Creates the Broadband Bridge Program to develop broadband networks in unserved and underserved areas, administered by the Public Service Commission, to distribute \$20 million annually beginning FY21-22. Allows providers, a cooperative (undefined), or a political subdivision (undefined) to apply to the commission for a grant to provide broadband Internet service scalable to 100x100Mbps, or greater.</i>	Monitor	1/20/21 Referred to Trans and Telecom Committee. 2/8/21 Hearing held. 3/11/21 Hilger priority bill. 3/11/21 Placed on General File with AM530.		
LB 391 Bostar	Transfer funds to the Customized Job Training Cash Fund. <i>Provides that the State Treasurer will transfer \$10 million from the General Fund to the Customized Job Training Cash fund by Oct. 1, 2021.</i>	Monitor	1/20/21 Referred to Appropriations Committee. 2/26/21 Hearing held.		
LB 393 Hughes	Eliminate the Next Generation Business Growth Act. <i>Outright repeals and eliminates the Next Generation Business Growth Act, which created a task force to cultivate entrepreneurship and innovation in the state and terminated Jan. 1, 2017.</i>	Monitor	1/20/21 Referred to Executive Board. 3/1/21 Hearing held.		
LB 398 Bostelman	Change provisions relating to broadband speeds and services. <i>Speed 100 up 100 down.</i>	Monitor NPA Support	1/20/21 Referred to Trans and Telecom Committee. 2/9/21 Hearing held.		
LB 399 Bostelman	Change provisions relating to rural water districts	Monitor	1/20/21 Referred to Natural Resources Committee. 1/28/21 Hearing held. 3/12/21 Natural Resources priority bill.		
LB 406 McDonnell	Create the Lower Platte River Infrastructure Task Force and provide funding	Monitor	1/20/21 Referred to Natural Resources Committee. 1/28/21 hearing held.		
LB 408 Briese	Adopt the Property Tax Request Act	Monitor	1/20/21 Referred to Revenue Committee. 1/27/21 Hearing held. 3/2/21 Placed on General File with AM371. 3/9/21 Geist priority bill.		
LB 414 Wishart	Change provisions of the Political Subdivisions Construction Alternatives Act	Monitor	1/11/21 Referred to Govt., Military and VA Committee. 2/4/21 Hearing held. 2/16/21 Placed on General File.		
LB 440 M. Hansen	Change provisions of the Nebraska Fair Employment Practice Act	Monitor	1/20/21 Referred to Business and Labor Committee. 2/8/21 Hearing held. 3/12/21 Placed on General File.		
LB 441 M. Hansen	Change provisions relating to compensation for individuals affected by COVID -19 under the Nebraska Workers Compensation Act	Monitor	1/11/21 Referred to Business and Labor Committee. 3/1/21 Hearing held.		
LB 456 Friesen	Adopt the Nebraska Enhancing Broadband act	Monitor	1/20/21 Referred to Trans and Telecom Committee. 2/8/21 Hearing held.		

LB 463 Arch	Change provisions relating to physical examinations of injured employees under the Nebraska Workers Compensation Act	Monitor	1/11/21 Referred to Business and Labor Committee. 2/1/21 Hearing held.		
LB 467 Bostar	Adopt the updated electrical standards. <i>Updates codes from 2017 to 2020.</i>	Monitor NPA Support	1/20/21 Referred to Urban Affairs Committee. 2/9/21 Hearing held. 3/3/21 Placed on General File with AM136.		
LB 498 DeBoer	Require the Public Service Commission to implement a broadband service testing and mapping program.	Monitor NPA Support	1/22/21 Referred to Trans and Telecom Committee. 2/9/21 Hearing held.		
LB 501 Flood	Adopt the Uniform Easement Relocation. <i>Does not apply to public utility easements.</i>	Monitor	1/22/21 Referred to Judiciary Committee. 2/4/21 Hearing held. 3/10/21 Placed on General File with AM526.		
LB 502 Flood	Change sales tax incentives under the Nebraska Advantage Act	Monitor	1/11/21 Referred to Judiciary Committee. 2/18/21 Hearing held.		
LB 513 Brewer	Change qualifications and terms of public power district board members. <i>If enacted bill would change the board of directors term to 4 years and require the director to be a retail customer of the public power district. Senator Brewer introduced an amendment to eliminate the retail requirement of the bill.</i>	Monitor NPA Oppose	1/22/21 Referred to Natural Resources Committee. 2/3/21 Hearing held.		Subject matter expert review and Government Affairs team monitoring
LB 538 Walz	Adopt the Community Schools Act and change the distribution of income from solar and wind agreements on school lands	Monitor	1/22/21 Referred to Education Committee. 2/16/21 Hearing held.		
LB 566 McDonnell	Adopt the Shovel-Ready Capital Recovery and Investment Act	Monitor	1/22/21 Referred to Appropriations Committee. 2/26/21 Hearing held. 3/11/21 Appropriations priority bill.		
LB 567 Bus and Labor	Change provisions relating to the maximum annual amount of benefits under the Employment Security Law	Monitor	1/11/21 Referred to Business and Labor Committee. 2/1/21 Hearing held.		
LB 574 Bostar	Change motor vehicle identification inspection requirements	Monitor	1/11/21 Referred to Trans and Telcom Committee. 2/2/21 Hearing held. 2/25/21 Indefinitely postponed.		
LB 576 Bostar	Appropriate funds to the University of Nebraska	Monitor	1/22/21 Referred to Appropriations Committee. 2/16/21 Hearing held.		
LB 600 Brandt	Provide and change powers and duties of public power districts and electric cooperatives regarding broadband facilities and infrastructure	Monitor NPA Support	1/22/21 Referred to Trans and Telecom Committee. 2/9/21 Hearing held. 2/8/21 Brandt AM148 filed.		
LB 604 Geist	Adopt the Nebraska Accelerated Broadband Deployment Grant Program Act and change telecommunications provisions	Monitor	1/22/21 Referred to Trans and Telecom Committee. 2/8/21 Hearing held.		

LB 606 Hilgers	Clarify term relating to power districts. <i>Spells out the number 107 in ergs.</i>	Monitor	1/22/21 Referred to Natural Resources Committee. 1/29/21 Hearing held.		
LB 627 Morfeld	Change provisions relating to qualified voters for certain public power district elections	Monitor NPA Oppose	1/22/21 Referred to Natural Resources Committee. 2/3/21 Hearing held.		Subject matter expert review and Government Affairs team monitoring
LB 650 Flood	Adopt the Nebraska Geologic Storage of Carbon Dioxide Act. <i>Carbon sequestration.</i>	Monitor	1/22/21 Referred to Natural Resources Committee. 2/11/21 Hearing held. 3/11/21 Hughes priority bill. 3/12/21 Placed on General File with AM548.		Subject matter expert review and Government Affairs team monitoring - focused on ethanol industry segment
LB 656 Wayne	Authorize municipalities to provide broadband and internet services	Monitor	1/22/21 Referred to Trans and Telecom Committee. 1/28/21 MO5 Wayne rerefer to Urban Affairs Committee. 2/9/21 Hearing held. 2/25/21 Indefinitely postponed.		
LR 1 Blood	Express support for the United States Air Force to reestablish the United States Space Command headquarters at Offutt Air Force Base	Monitor	1/11/21 Referred to Govt., Military and VA Committee. 1/27/21 Hearing held. 2/1/21 Speaker signed.		
LR11CA Erdman	Constitutional amendment to require enactment of a consumption tax and prohibit certain other forms of taxation.	Monitor	1/11/21 Referred to Revenue Committee. 2/3/21 Hearing held. 3/10/21 Erdman priority resolution.		
LR18CA Wayne	Constitutional amendment to change legislative term limits to three consecutive terms	Monitor	1/15/21 Referred to Executive Board. 2/17/21 Hearing held.		
LR 48 Bostelman	Recognize the need for the Legislature to understand the circumstances and practices surrounding the interruptions in electricity to residents in the state.	Monitor	1/19/21 Introduced. 2/19/21 Referred to Natural Resources Committee. 3/3/21 Hearing held.		
LR 49 Wayne	Provide the need for the Legislature to understand the reasons for and circumstances surrounding the natural gas shortages.	Monitor	2/25/2021 Introduced. 2/26/21 Referred to Urban Affairs. 3/9/21 Hearing held.		



DRAFT 3/12/21 Agenda

**OPPD BOARD OF DIRECTORS
REGULAR BOARD MEETING
Thursday, March 18, 2021 at 4:00 P.M.
Via Webex Events**

Public may attend remotely by going to www.oppd.com/BoardAgenda to access the Webex meeting link and view instructions.

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 February 2021 Meeting Minutes and the March 18, 2021 Agenda
7. SD-14: Retirement Plan Funding Monitoring Report – Resolution No. 64xx
8. Commercial Paper Program Expansion – Resolution No. 64xx
9. BRIGHT Project Approval – Engineer’s Certification – Resolution No. 64xx

Board Discussion Action Items

10. [to be determined]

Other Items

11. President’s Report (__ mins)
12. Opportunity for comment on other items of District business
13. 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.



Board Work Plan



Board Work Plan Process

1. Board member requests Senior Corporate Governance Specialist to add topic to Parking Lot
2. At the next regular monthly All Committee meeting, the Board as a whole discusses with SMT Parking Lot items to move to Board Work Plan. The following steps occur once an item is moved to the Work Plan:
 - a. Evaluate and determine resource requirements and availability of resources to complete research, etc. [Board Chair/Committee Chair/CEO]
 - b. Confirm proposed steps and timing of when work will be reasonably completed [Board Chair/Committee Chair/CEO]
 - c. Insert “Target Completion Date” on Board Work Plan [Senior Corporate Governance Specialist]
 - d. Provide regular updates to Board and public on items [Committee Chair]
 - e. If assignment of a particular topic to a standing committee is unclear, determine if an ad hoc committee should be created [Board Chair]
3. When appropriate, topic moves from Board Work Plan to SMT agenda for Board meeting Report (Discussion or Presentation), or Action

Note the process outlined in Step 2 is iterative and could repeat for many months before going to Step 3 for Board presentation and/or action.

2021 Agenda Planning Calendar

BOARD IDENTIFIED WORK PLAN PRIORITIES
(as of 3/12/21)

TOPIC	ACKNOWLEDGED	CMTE	SMT	STATUS	STATUS DESCRIPTION	TARGET COMPLETION DATE
SD-7: Environmental Stewardship	1/19/2021	SM	Fisher	Work In Progress	Revise policy to include statement on climate change; System Cmte discussed proposed language 3/10/21; SMT to propose revisions by 3/24/21	
SD-11: Economic Development Policy Revision	1/19/2021	PI	Olson	Work In Progress	Yoder shared notes with PI Cmte on 2/9/21; PI Cmte consensus on 3/9/21 that other Board work and policy revisions should be prioritized at this time; The PI Cmte intends to reconsider the potential prioritization of SD-11 and SD-13 in late 2nd/early 3rd quarter 2021	
SD-13: Stakeholder Outreach & Engagement	1/19/2021	PI	Olson	Work In Progress	Yoder shared notes with PI Cmte on 2/9/21; PI Cmte consensus on 3/9/21 that other Board work and policy revisions should be prioritized at this time; The PI Cmte intends to reconsider the potential prioritization of SD-11 and SD-13 in late 2nd/early 3rd quarter 2021	
SD-9: Resource Planning Policy Revision	8/26/2020	SM	Fisher / Fernandez	Work In Progress	System Committee (Mollhoff, Williams, Moody & Yoder) discussion 12/3/20; Met 1/7/21; Met 1/25/21	
SD-2: Rates Policy Revision	8/26/2020	FIN	Fernandez	Not Started	Finance Committee to propose revisions	
SD-4: Reliability Policy Revision	8/26/2020	SM	Via	Not Started	System Committee to propose revisions	
BL-5: Unity of Control Policy Revision	8/26/2020	GOV	Focht	Complete	Proposed revisions reviewed by Gov Cmte 9/10/20; Gov Cmte determined more review required; Board approved 12/9/20	12/9/2020
BL-7: Delegation to the President & CEO	8/26/2020	GOV	Focht	Complete	Revise policy with regard to communication from CEO; Board approved 9/17/2020	9/17/2020
GP-4: Agenda Planning	8/26/2020	GOV	Focht	Complete	Revise policy to include development of a Board Work Plan; Board approved 9/17/2020	9/17/2020
BL-9: Delegation to President & CEO - Local, State and Federal Legislation and Regulation -- Legislative Resolution	2019	PI	Olson	Complete	Discussed in PI Cmte and with full Board in August and September 2020; referred back to PI Cmte for further review; 10/13/20 All Committee meeting determined to include topics of interest in OPPD's annual legislative agenda and the PI Cmte and Board would receive timely updates on emerging issues and positions.	10/13/2020

2021 Agenda Planning Calendar

PARKING LOT - For Board Discussion

TOPIC	SUGGESTED BY	ACKNOWLEDGED	STATUS
SD-1: Strategic Foundation Policy Refinement	Yoder	2/12/2021	
Governance discussion re: handling of concepts that span multiple SDs	Yoder	2/12/2021	
Ad Hoc Committee on Market Transformation	Gov Workshop discussion	8/26/2020	
SD-11: Economic Development Policy Revision	Yoder/Williams	8/26/2020	Discussed at 1/19/21 All Committee meeting - Move to Work Plan
SD-13: Stakeholder Outreach & Engagement	PI pre-cmte 11/3/20	11/3/2020	Discussed at 1/19/21 All Committee meeting - Move to Work Plan

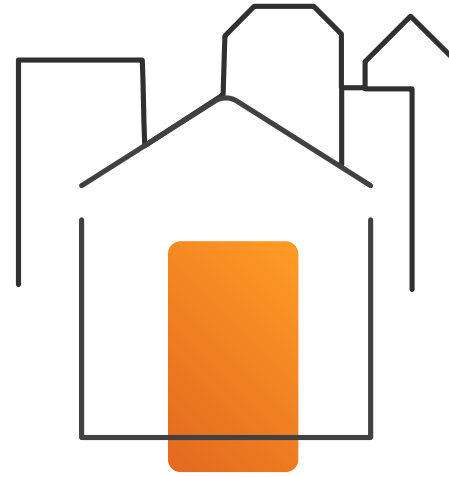
Strategic Initiative: Pathways to Decarbonization

Board of Directors Update March 2021

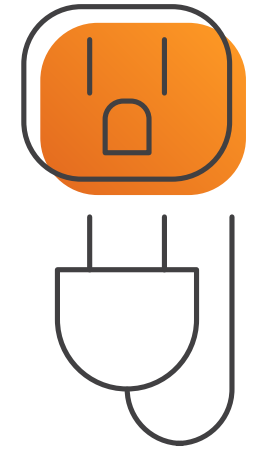
Jeremy Bowers, Jessica de la Torre, Colton Kennedy, Paul Fortney, Emily Muth
March 16, 2021

Agenda

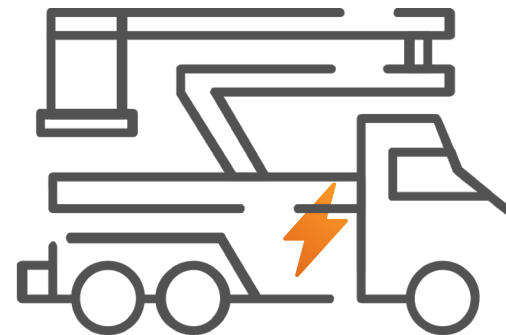
1. Community
2. Customer
3. Internal Operations
4. Energy Portfolio
5. Outreach



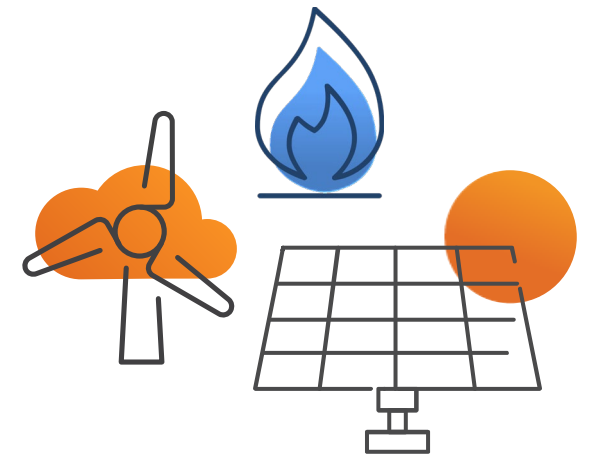
Community Partner



Customer
Products & Services



Internal Operations



Energy Portfolio



Decarbonization: Community Project





Our Approach

A Different Perspective

- Review Climate Action Plans to understand how communities approach decarbonization
- Aggregate decarbonization and adaptation strategies across Climate Action Plans to identify shared areas of focus.

COMMUNITY LENS



Selected Climate Action Plans

- Mix of regionally and peer utility relevant communities.
- Recent Climate Action Plans; varying level of detail for Greenhouse Gas (GHG) mitigation measures.
- 4 of 6 communities declared a climate emergency in 2019.





Our Approach

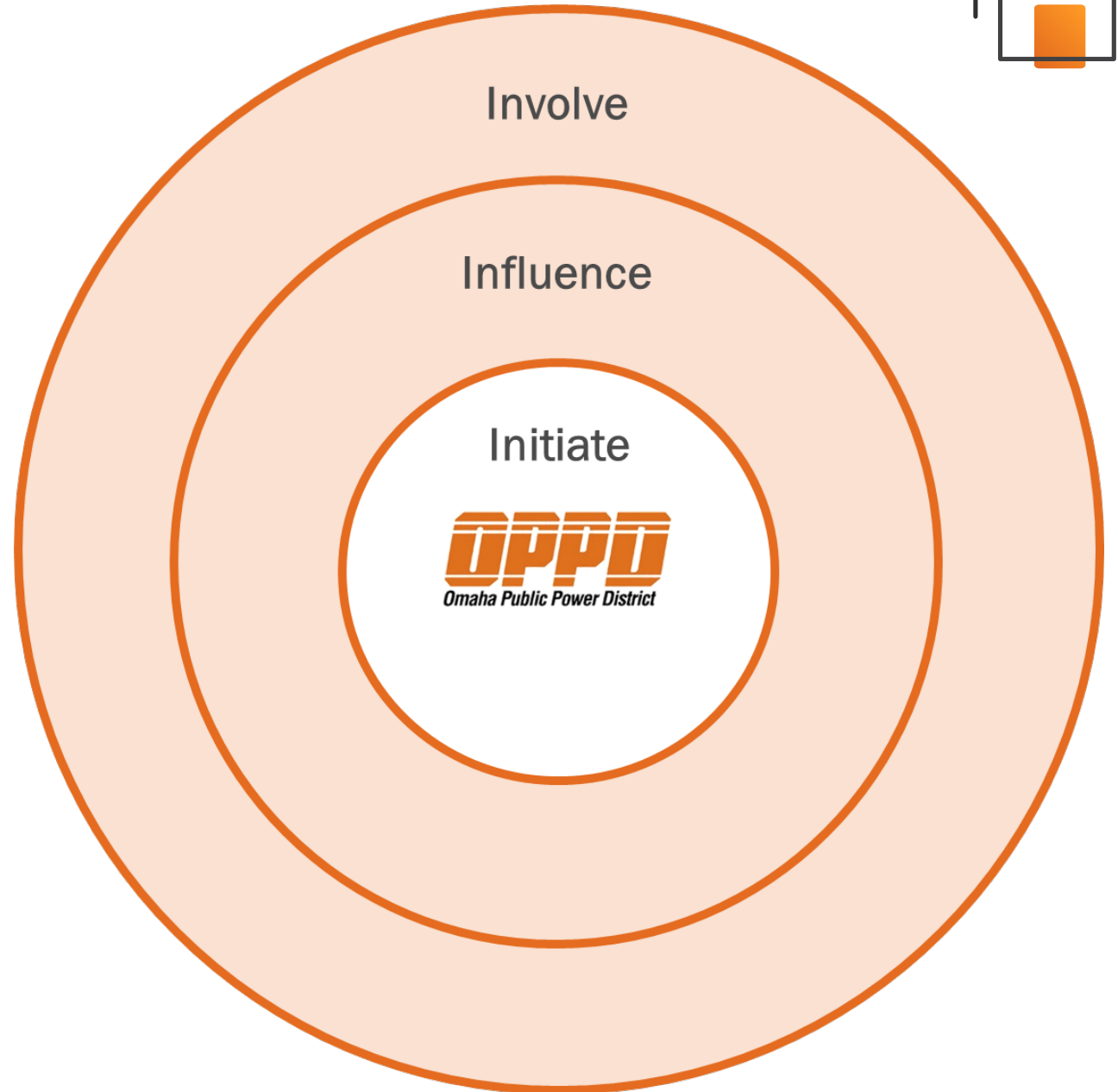
Influence Meaningful Change

- Define Degree of Influence concept as key consideration for identifying collaboration opportunities.
- Determine other attributes of shared decarbonization strategies to develop prioritization framework.

COMMUNITY LENS

PRIORITIZATION
FRAMEWORK

Degree of Influence concept categorizes actions related to OPPD's ability to effect change across the service territory.





Our Approach

- Evaluate each aggregated decarbonization strategy applying the prioritization framework.
- Identify key collaborators for priority decarbonization strategies.

Focus on What Matters Most



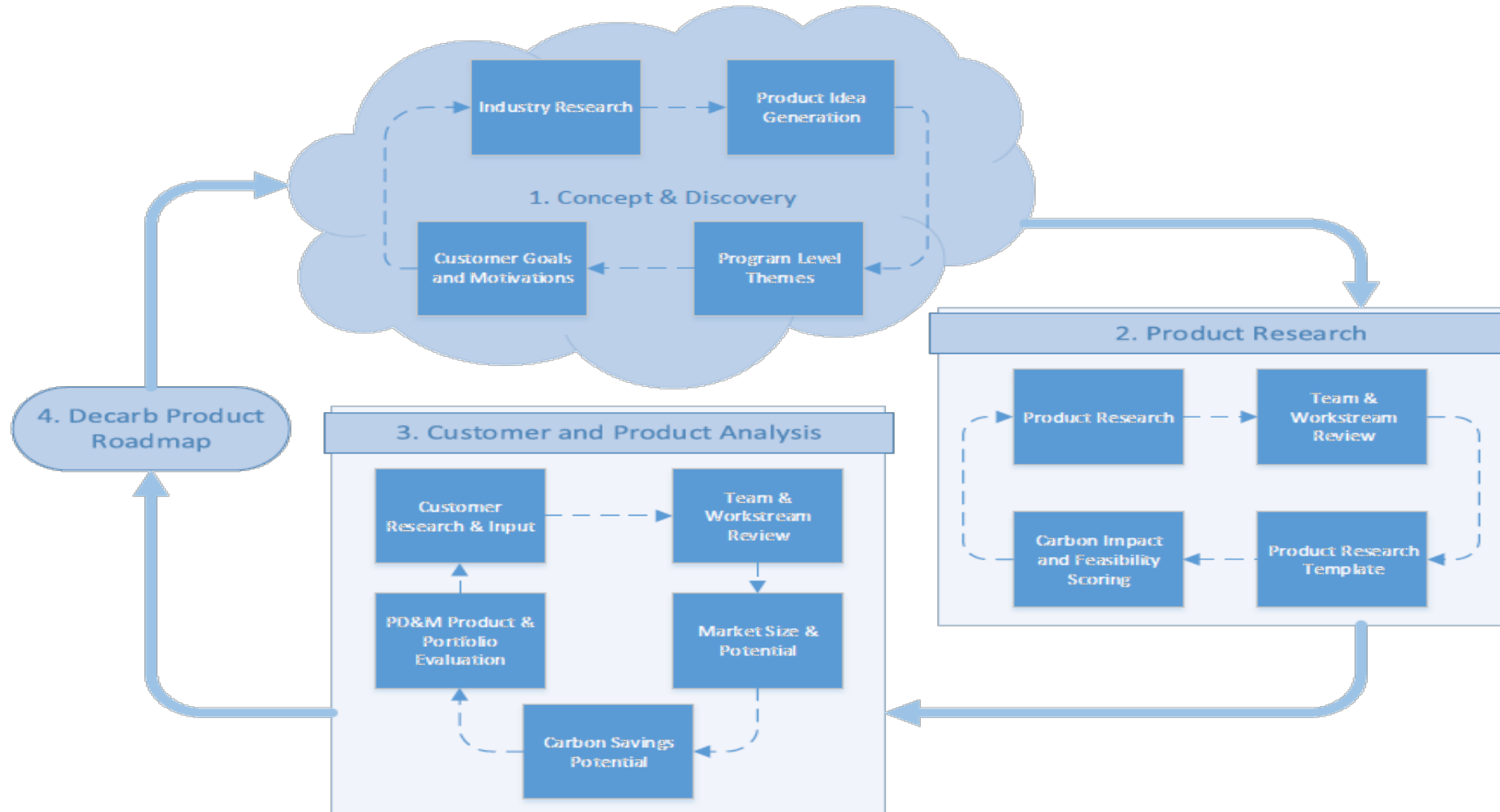


Decarbonization: Customer Project



Decarb Product Evaluation Framework

The decarb product roadmap deliverable isn't a one and done exercise, but a continuous ongoing process resourced within Product Development and Marketing (PD&M).





Decarb: Customer Motivations

Residential:

- Customers want to positively impact the environment, improve reliability and save money, but lack the education and information to take action
- Customers believe they can make an impact and in many cases would be willing pay a little more to do so
- Customers believe in corporate responsibility to improve the environment and prefer to do business with those demonstrating leadership
- Only 4% of OPPD customers feel their utility is most responsible for improving the environment, rather they view as a trusted source for information for what they can do personally.

C&I:

- Solutions seem big, intimidating and there is a desire for more education
- Sustainability is almost a requirement
- Customers look at utilities to help and partner with to make an impact (more so than residential).

Sources: DSM Potential Study, What Does Green Mean to You Workshop, JD Power Results, Cogent Results, Green Power Redesign Phase I, Other Utilities Decarb Strategies (Austin Power, Duke Energy, etc...)

Project Timeline

Decarb: Customer Workstream

Activities	Q3 2020	Q4 2020	Q1 2021	Q2 2021	Q3 2021	Q4 2021
✓ Discovery	█					
✓ Concepting	█	█				
✓ Market Analysis		█	█			
Product Evaluation & Analysis			█	█		
Carbon Reporting Requirements			█	█		
Strategy Roadmap				█	█	
Operational Plan					█	
Project Close-out						█

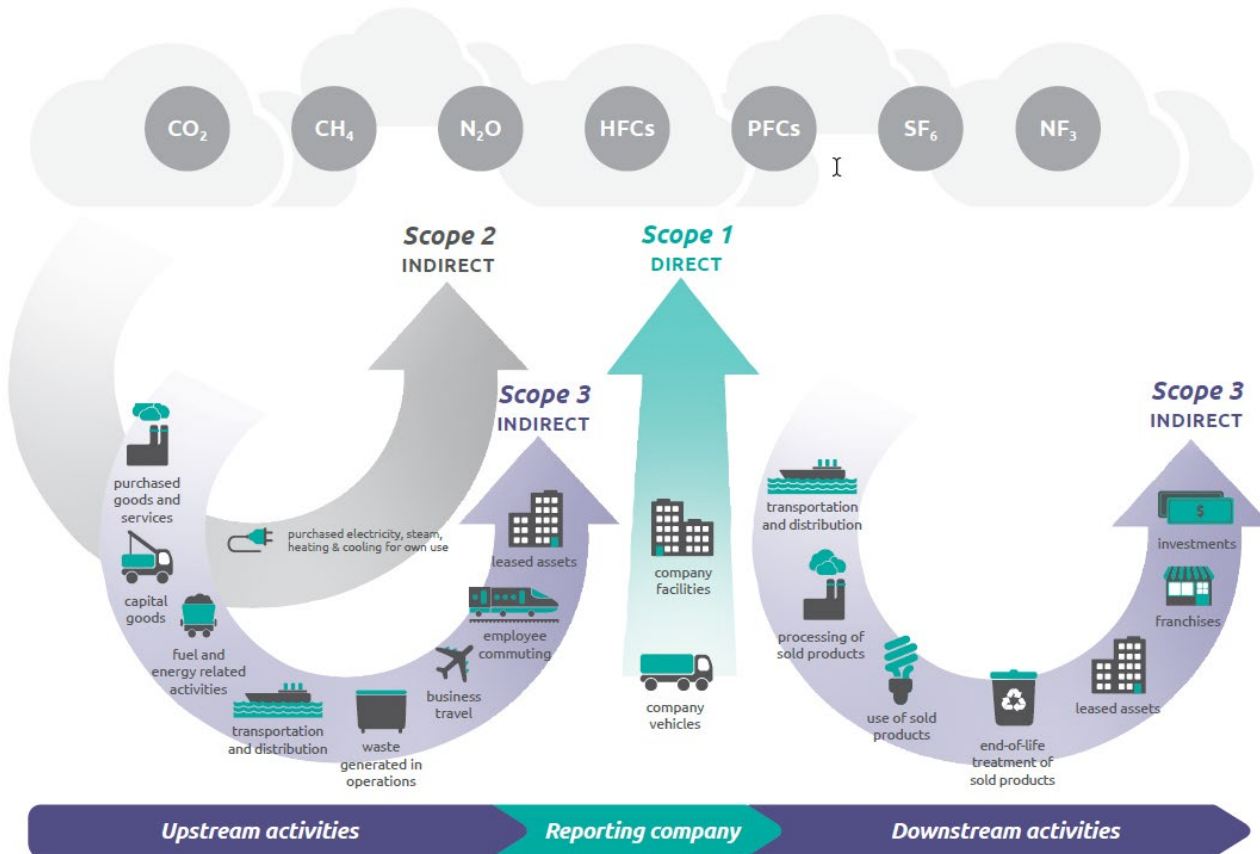


Decarbonization: Internal Operations Project





Internal Operations Project



Source: Figure 1.1 of *Scope 3 Standard*.

- Benchmark
 - Large Public Power Council (LPPC) Survey:
 - 19 response received
 - 7 utilities currently conducted a corporate inventory of Green House Gas (GHG) emissions
 - 2019 CDP Climate Change Reports
 - Reviewed 14 reports from electric utilities
- Ruby Canyon Environmental Engagement
 - Led quantification on 3 emission sources
 - Reviewed methodology OPPD used for quantification on other emission sources
- Organizational Boundary: Equity share approach
- Operational Boundary



GHG Scope 1, 2 and 3

Scope 1 Emission Sources:

- Stationary Combustion Sources
 - Fossil Generation
 - Internal Combustion Engines: Emergency Engines, Auxiliary boilers
- Mobile Combustion Sources
 - Vehicle Fleet
 - Equipment Propane
 - Coal Handling Equipment
- Process/Fugitive Sources
 - Refrigerants (facilities and transportation)
 - Coal Pile
 - T&D SF6 Leaks
 - Natural Gas Pipeline
 - Welding-Acetylene
 - Fire Suppression Systems

Scope 2 Emission Sources:

- OPPD Consumed Electricity
- T&D Losses

Scope 3 Emission Sources:

- Purchased Goods and Services*
- Energy and Fuel Related Activities
 - Coal Purchases
 - Coal Rail Transportation
 - Purchased Power Delivered to End-Users
 - Natural Gas Purchases
- Business Travel
- Employee Commute
- Waste

* Capital Goods emissions included in this category

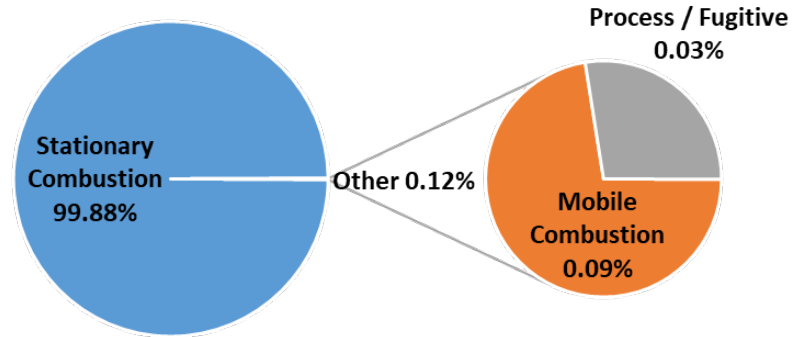


GHG Scopes 1, 2 and 3

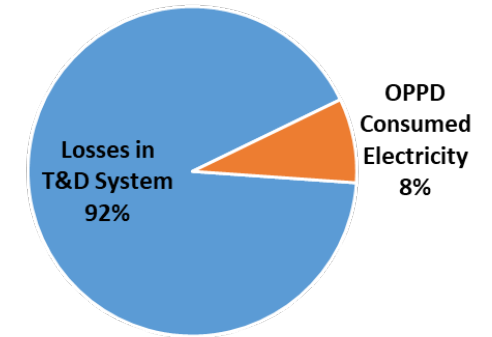
	Metric tons CO ₂ e			
	2017	2018	2019	Average
Scope 1	10,657,608	10,951,779	9,161,659	10,257,015
Scope 2	73,646	69,581	84,601	75,942
	10,731,254	11,021,359	9,246,260	10,332,958

Scope 3	Metric tons CO ₂ e			
	2017	2018	2019	Average
Purchased Goods and Services	178,869	113,939	133,088	141,965
Energy and Fuel Related Activities	1,345,651	1,263,055	1,679,940	1,429,549
Waste	10,001	13,519	8,583	10,701
Business Travel	257	255	277	263
Employee Commute	4,775	4,286	4,388	4,483
	1,539,552	1,395,054	1,826,274	1,586,960

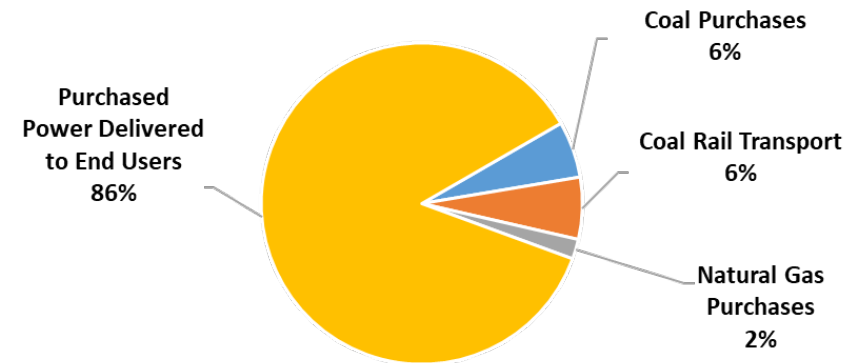
Scope 1: Avg Emissions



Scope 2: Avg Emissions



Energy and Fuel Related Activities:
Avg Emissions





GHG Inventory and Next Steps

Key Takeaways for Internal Operations

- Net-zero carbon goal:
 - Scopes 1 and 2 include in SD7 net zero carbon goal
- Scope 3
 - Continue measuring Energy and Fuel Related Services category
 - Purchased goods and services category
 - One-time detailed exercise (2019)
 - Other years emissions derived
 - Evaluate in 5 year if detailed exercise should be repeated
- GHG Inventory
 - Part of OPPD's **sustainability program**
 - Once established, OPPD to evaluate if it will report to a program
 - Conducting the yearly GHG inventory will now transition to the Environmental Team

	Metric tons CO ₂ e			
	2017	2018	2019	Average
Required				
Scope 1	10,657,608	10,951,779	9,161,659	10,257,015
Scope 2	73,646	69,581	84,601	75,942
Scope 1+2	10,731,254	11,021,359	9,246,260	10,332,958
Optional				
Scope 3	1,539,552	1,395,054	1,826,274	1,586,960
Scope 1+2+3	12,270,806	12,416,413	11,072,534	11,919,918



Sustainability: Think Bigger

- Triple Bottom Line framework encompasses **economic**, **social** and **environmental** performance.
- Evolved into an accounting framework and balancing act driven by a trade-off mentality.
- Instead imagine...



“A triple helix for value creation, a genetic code for tomorrow’s capitalism, spurring the regeneration of our economies, societies, and biosphere”

Harvard Business Review, “25 Years Ago I Coined the Phrase “Triple Bottom Line.” Here’s Why It’s Time to Rethink It,” John Elkington, June 2018



Sustainability Framework Development Approach

1 Industry Benchmarking



2 Connect to OPPD strategic directives



3 Sustainability Inventory Interviews



4 Draft Sustainability Framework & Recommendations





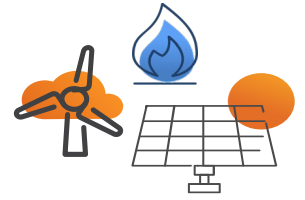
Draft Sustainability Framework

SERVING THRIVING
COMMUNITIES



ENVIRONMENTAL
STEWARDSHIP

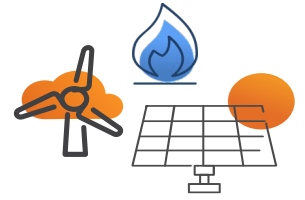
ENGAGED AND
EMPOWERED WORKFORCE



Decarbonization: Energy Portfolio Project



Energy Portfolio Update

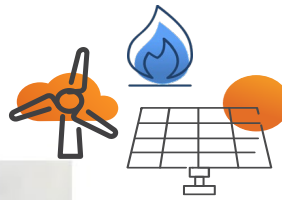


- E3 introduction
- Overall project plan
- Technical modeling
- High-level stakeholder plan
- Integrated Resource Plan coordination
- Multi-sectoral modeling
- Net-Zero goal modeling approach
- Key takeaways

E3 Introduction



Energy+Environmental Economics



- E3 is a San Francisco-based consulting firm founded in 1989 specializing in electricity economics with approximately 75 staff
- E3 consults extensively for utilities, developers, government agencies, and environmental groups on clean energy issues
- Services for a wide variety of clients made possible through an analytical, unbiased approach
- Our experts provide critical thought leadership, publishing regularly in peer reviewed journals and leading industry publications



Arne Olson
Senior Partner
Responsible Partner

Mr. Olson leads E3's resource planning practice. Since joining E3 in 2002, he has led numerous analyses of how renewable energy and greenhouse gas policy goals could impact system operations, transmission, and energy markets.



Zach Ming
Director
Project Lead

Mr. Ming leads the development of energy models and communicates findings on behalf of utilities, regulatory agencies, and trade groups. Since joining E3 in 2013, he has managed numerous resource planning projects and teaches a class at Stanford University on electricity economics.



Aaron Burdick
Managing Consultant
Project Manager

Mr. Burdick joined E3 in 2019 and helps E3 clients solve technical and policy challenges related to renewable energy integration. He joined E3 from utility Pacific Gas & Electric, where he led the development of PG&E's 2018 Integrated Resource Plan. Aaron also spent four years at energy consultancy ICF International.

Additional Staff



Gabe Mantegna

Chen Zhang



Ari Gold-Parker

Vignesh Venugopal



Bill Wheatle

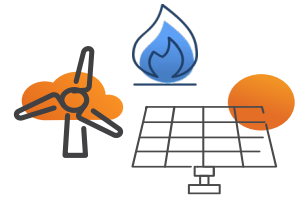
Sumin Wang



Charlie Duff

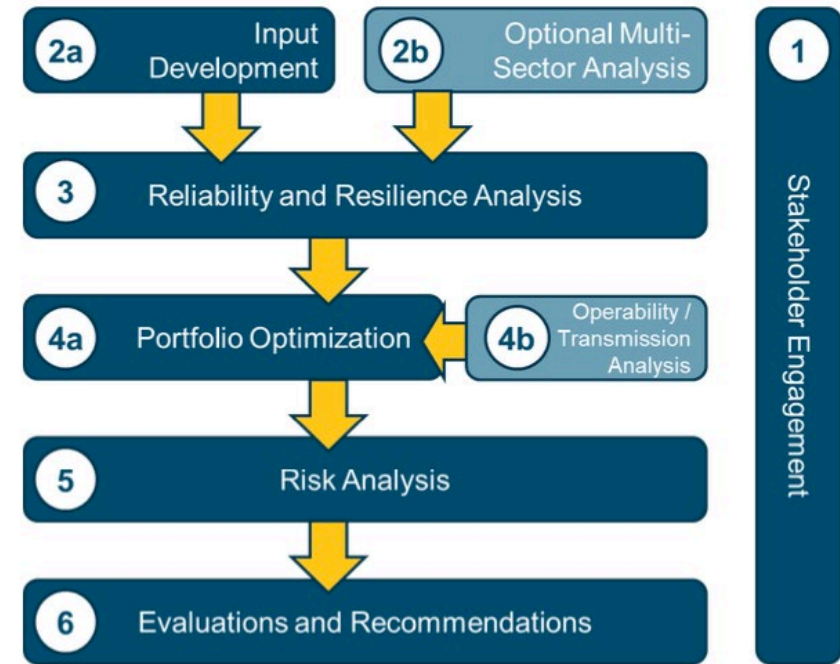
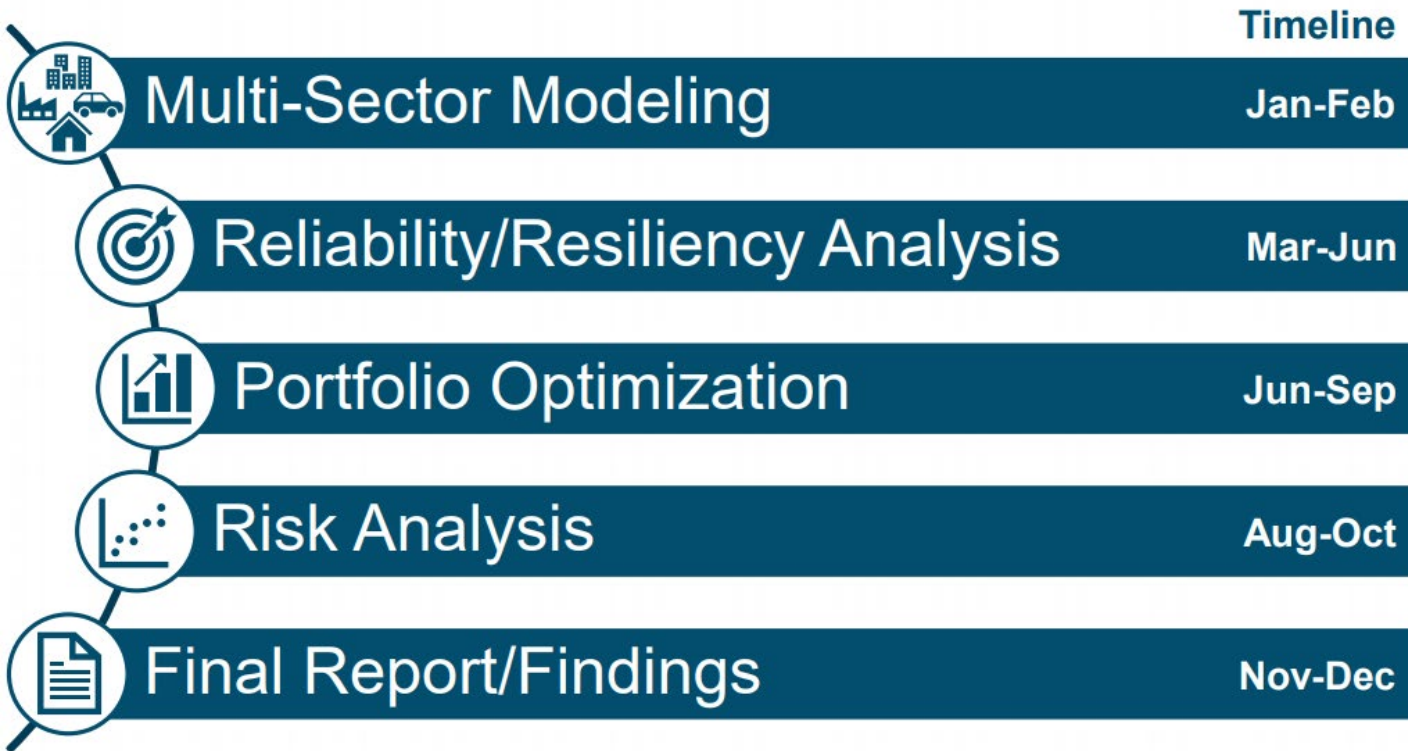
Sample E3 Clients:



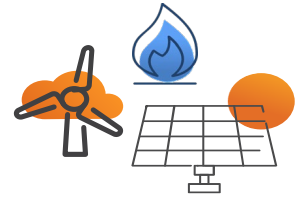


Overall Project Plan

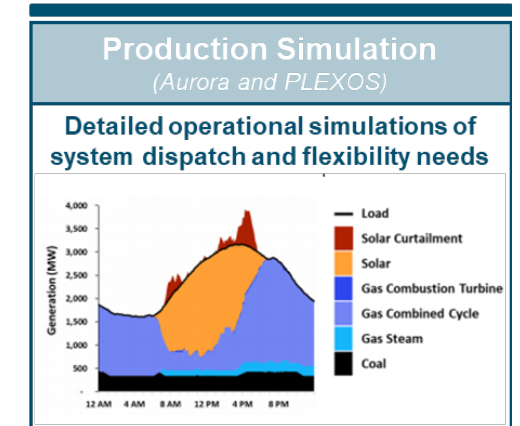
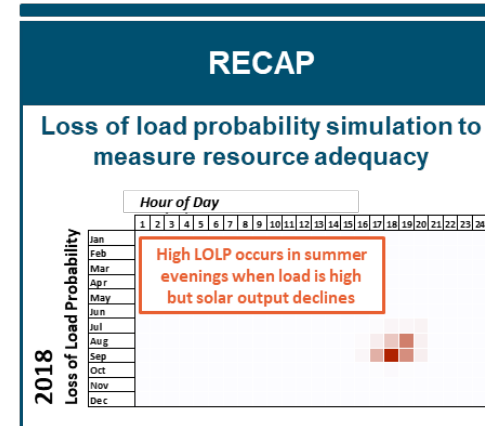
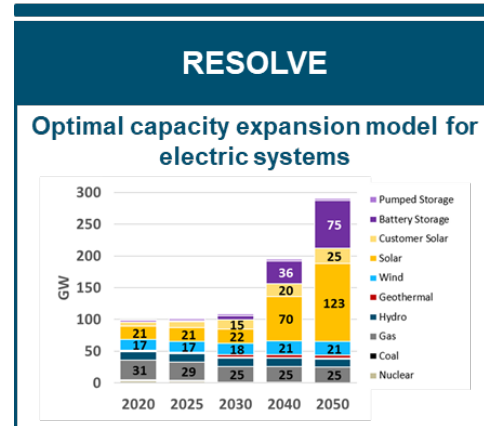
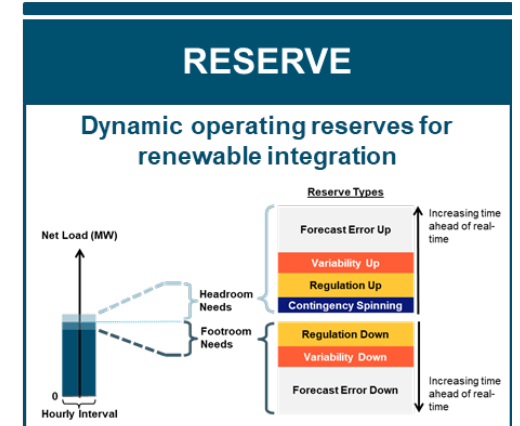
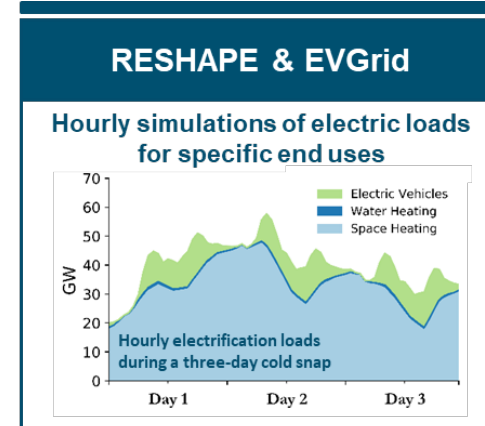
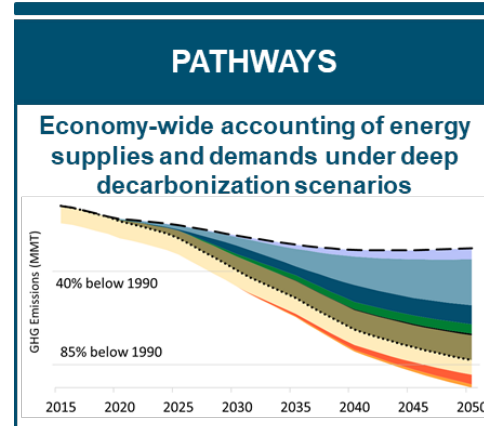
- OPPD's full Energy Portfolio decarbonization study encompasses multiple sequential technical analyses that will take place throughout 2021



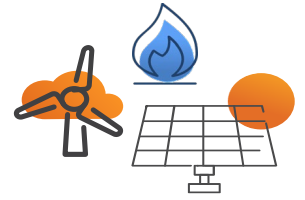
Technical Modeling



- The Energy Portfolio analyses leverages E3's suite of technical modeling tools to achieve deep portfolio decarbonization
- E3's analysis is paired with robust resource adequacy and operability studies to ensure technical portfolio feasibility
- The modeling effort will NOT include detailed transmission and power-flow analyses. Further studies will be required prior to final decisions or actions



High-Level Stakeholder Plan



A Broad and Inclusive Stakeholder Process:

- Six (6) technical external stakeholder workshops throughout the modeling process
- Six (6) internal workshops open to employees
- Facility Ambassadors to support internal conversations
- OPPD Community Connect online portal
- The Wire and online outreach

We want to understand why decisions are being made

We want transparency on assumptions and how feedback was used

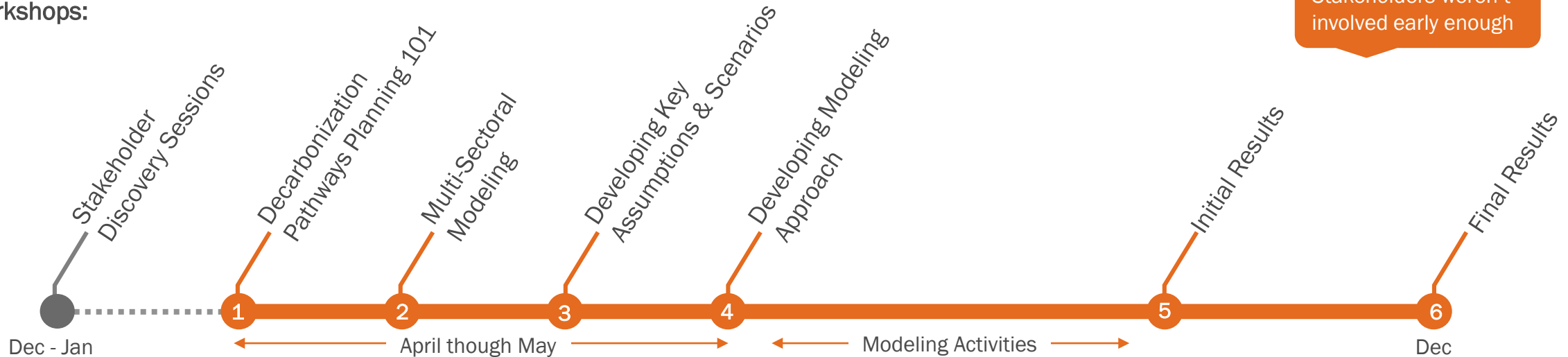
We want to see ambitious scenarios

We felt 'informed' during last IRP but didn't contribute to the process

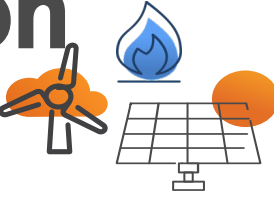
I'd like infographics to understand and share OPPD's considerations

Stakeholders weren't involved early enough

External Technical Workshops:

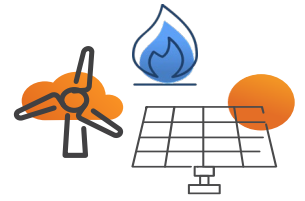


Integrated Resource Plan (IRP) & Decarbonization Coordination



Two major resource planning tasks will occur in 2021:

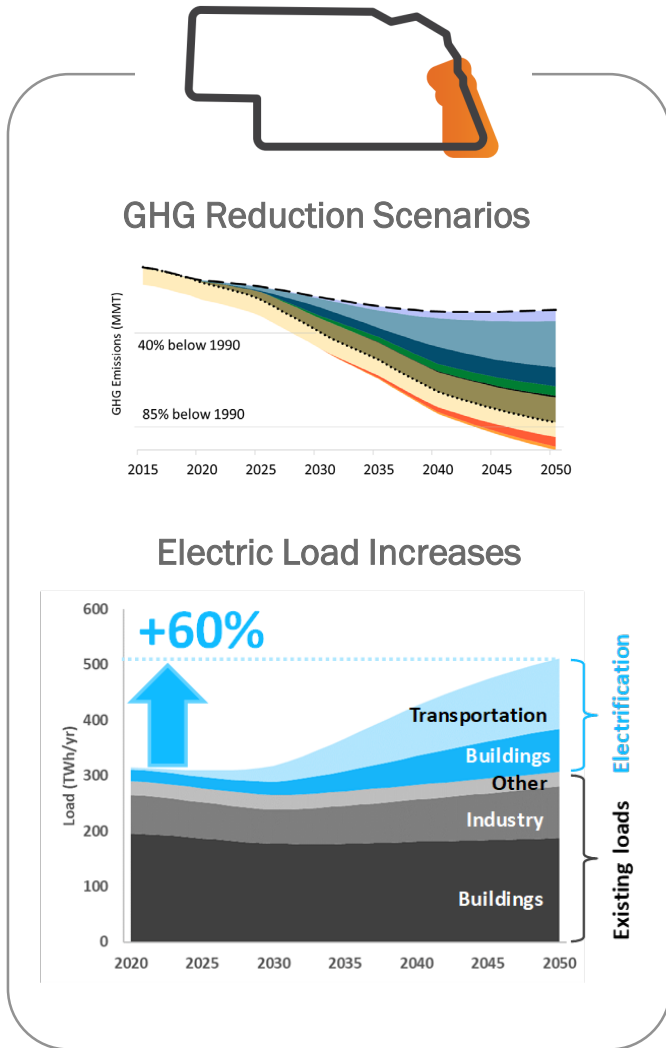
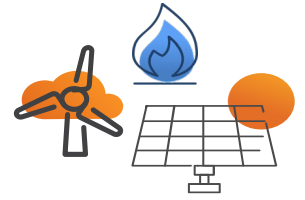
- **Decarbonization: Energy Portfolio** is due December 2021
 - Due date is set by OPPD’s Senior Management Team(SMT) and Board of Directors (BOD)
- **5-Year Integrated Resource Plan (IRP)** is due February 28th, 2022
 - OPPD is legally required to submit a 5-Year IRP to Western Area Power Administration (WAPA)
 - Requirements outlined by 10 Code of Federal Regulations 905 (10.CFR.905)
 - OPPD may file an extension up to 6 months
- Both tasks outline OPPD’s future resource portfolio. They vary in that:
 - IRP must include specific plans in the next 5 years
 - Decarbonization will identify ‘actionable pathways’



IRP + Decarbonization Coordination

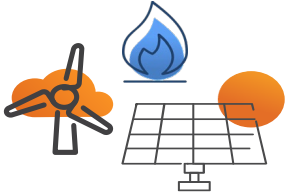
- OPPD's intent is to use the results of the decarbonization study to inform its Integrated Resource Plan filing
- Dependent on BOD satisfaction with modeling progress, stakeholder engagement, and unforeseen modeling complexities, there is risk that modeling may extend past the IRP submission deadline
- In the case that the Energy Portfolio modeling extends beyond the IRP deadline, OPPD would file its current 5-Year resource plan and update its plan with WAPA after completion of its study

Multi-Sector Modeling



- Economy-wide decarbonization will create direct impacts on electric load growth
 - Examples include electrification of transportation, heating, agriculture, and other end uses
- E3 and OPPD will conduct broad modeling across industry segments as inputs into its decarbonization modeling
- Multi-Sectoral modeling results will support OPPD's broader decarbonization leadership in the community

Approaches to Net Zero Carbon



more constrained ←

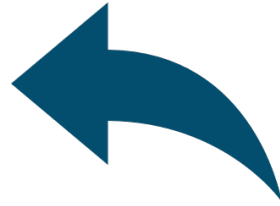
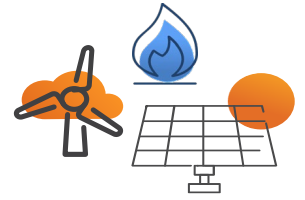
→ less constrained

100% Renewables	Zero Carbon	Net Zero Carbon	Near-zero Carbon
<ul style="list-style-type: none"> • 100% of generation from wind, solar, hydro, and battery storage • No combustion or nuclear 	<ul style="list-style-type: none"> • 100% of generation from zero-emitting resources • Leaves room for hydrogen, renewable natural gas, nuclear, and/or CCS 	<ul style="list-style-type: none"> • Leaves room for some continued fossil generation due to some sort of offset(s) 	<ul style="list-style-type: none"> • Allows for minimal electricity emissions (e.g. 1-5% of generation)

↳ Not technically or economically feasible (except maybe in regions with very high hydropower penetrations), but included for completeness

↳ Inconsistent with OPPD’s “net-zero carbon” goal, but could be studied to draw out carbon abatement cost curve

Net Zero GHG Offset Types



Electricity Exports

Description: net-zero is defined on an annual basis, allowing emitting generation or imports to be offset by zero-emitting exports.
Pros: low cost; encourages regional coordination.
Cons: breaks down when neighboring jurisdictions are also pursuing the same net zero carbon goal.



Intersectoral Credit

Description: claiming credit for emissions reductions achieved through electrifying other sectors.
Pros: low to zero cost; supports utility action on electrification.
Cons: incompatible with an economy-wide net zero target, which is needed to meet climate goals; challenging to confirm “incrementality” of utility actions.



GHG Offsets

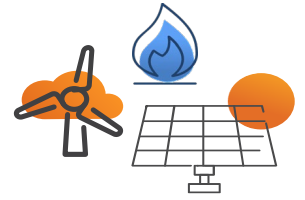
Description: involves the purchase of traditional GHG offsets, which can include projects such as tree planting or carbon/methane capture.
Pros: low cost.
Cons: difficult to prove “additionality” of GHG offsets (would they have been pursued anyways?); not necessarily compatible with an economy-wide net zero target.



Negative Emissions

Description: offsetting remaining emissions through negative emissions technologies such as Direct Air Capture.
Pros: compatible with an economy-wide net zero target; possibly lower cost than 100% zero-carbon electricity.
Cons: high cost uncertainty due to lack of commercialized technologies.

Modeling Net Zero



Contributions





GHG Protocol
Based

Scope	Description	Avg. CO2e 2017-2019	Inclusion in Energy Portfolio Modeling
Scope 1	Stationary Combustion	10,244,688	<i>Include</i>
	Other (vehicles, fugitive emissions)	12,327	<i>Excluded</i>
Scope 2	All (used electricity, T&D losses)	75,942	<i>Include</i>
Scope 3	Purchased Power (used to serve end-use customers)	1,230,558	<i>Include</i>
	Other (fuel related activities, bus. Travel, commute, waste)	356,402	<i>Excluded</i>
Total CO2e Contributions, Tons		11,919,918	

Note: Emission sources shown here as excluded from the energy portfolio modeling efforts will be addressed through OPPD's Internal Operations and Sustainability efforts.

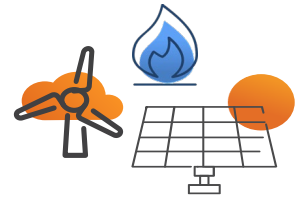
Offsets

OPPD Selected
Offsets

	Description	CO2e	Inclusion in Energy Portfolio Modeling
	GHG Offsets	0	<i>Sensitivity Analysis</i>
	Negative Emissions Technologies	0	<i>Sensitivity Analysis</i>
	Electricity Exports	0	<i>Sensitivity Analysis</i>
	Inter-sectoral Credits	NA	<i>Excluded</i>
Total CO2e Offsets, Tons		0	

Note: OPPD will continue to advocate for inter-sectoral GHG reductions, but is not intending to consider those efforts as portfolio offsets in its modeling.

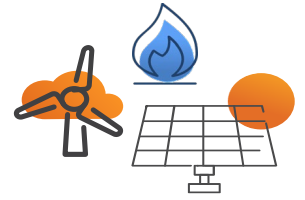
Net CO2e, Tons **11,919,918**



Energy Portfolio GHG Objectives

- Multiple modeling GHG objectives will frame the cost and technology impacts of alternative approaches and inform OPPD's future definition of its Net Zero goal
 - **Absolute Zero**
 - 100% GHG Reduction
 - No Offsets or Negative Emissions Technologies
 - **Net-Zero**
 - 100% GHG Reduction
 - GHG Offsets and Negative Emissions Technologies Allowed
 - Sensitivity with Electricity Export offsets
 - **Near-Zero**
 - 80% to 95% GHG Reductions
 - GHG Offsets and Negative Emissions Technologies Allowed
 - These scenarios inform OPPD of the marginal cost and potential technology alternatives as it approaches its Net Zero goal

Energy Portfolio Key Takeaways

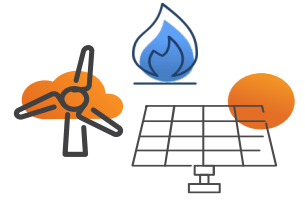


- **Current Activities**

- Refining and beginning to implement the internal and external stakeholder plan
- Initiating multi-sectoral modeling
- Gathering financial and production data for OPPD's existing assets
- Identifying and selecting members of the External Oversight Committee

- **Upcoming Activities**

- Stakeholder Workshop #1: Decarbonization Pathways Planning 101
- Developing screening methodology for technologies
- Characterize key risks for portfolio resiliency analysis



Decarbonization: Outreach



Pathways to Decarbonization – Discovery Sessions

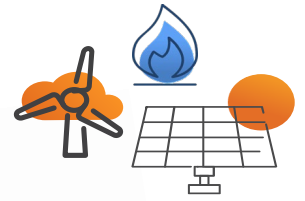
December 2020 – January 2021

Objective:

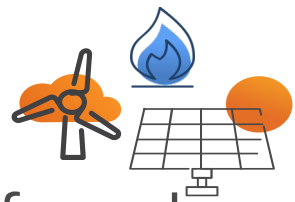
- Listen to stakeholders about how they want to be involved.
- IAP2 Level - Collaborate

Outcome:

- Understand what success looks like to them
- Use input to help shape the outreach plan and create higher satisfaction with the process.
- Create advocates to help carry the message.



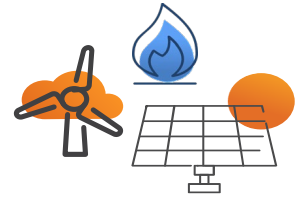
Discovery Session Takeaways



- Tend to feel blind-sided – need upfront communication, time to digest info and provide input before final decisions
- Recognize need for “layered” approach – understanding that all stakeholders are not engaged at same level, including their own membership
- Lean on them, help them translate technical info to their orgs, and provide shareable information (i.e. newsletter & social media copy, infographic, etc.)
- Transparency in how feedback was used or not used, assumptions made behind the decisions, and timeline relative to decision points (loop back)
- Feedback – be clear on what we’re seeking from them
- Utilize new and “outside the box” communication tactics (i.e. text messaging, board member social media communications, Nextdoor app)
- OPPD doing better than most utilities at engagement and accessibility of information
- Appreciated the opportunity to be engaged early in the process

Key Takeaway – Workshop #1

Decarbonization Pathways Planning 101



April 7th

Objective:

- Education and general overview of the project process, timeline and objectives.
- Gather stakeholder feedback on objectives, process, and timeline.
- IAP2 Level - Involve

Outcome:

- Demonstrate OPPD's incorporation of listening session feedback.
- Gather stakeholder input on process, timeline, objectives.
- Provide transparency on process and future opportunities for input.



Join us on the journey!

**Connect with us at
OPPDCommunityConnect.com**