

# Board of Directors

## Regular Meeting

Thursday, December 16, 2021  
Virtual Meeting via Zoom

The OPALCO Board of Directors are following CDC and San Juan County guidelines for social distancing and all OPALCO public gatherings are cancelled until further notice in order to err on the side of caution in face of tremendous uncertainty with the current pandemic. Board meetings will be conducted as scheduled via remote video conferencing until further notice.

Members may participate in the regular board meetings via Zoom. The first part of the meeting is reserved for member questions and comments. Use the chat feature on Zoom and staff will respond as soon as possible following the meeting. Please follow the protocols listed below:

- Mute yourself unless talking,
- Use your first and last name in your Zoom identity,
- Chat if you have a question/comment and the monitor will put you in the queue,
- OPALCO's Policy 17 - Member Participation at OPALCO Meetings decorum must be followed.

The Zoom link will be updated monthly and published in the board materials the Monday before each meeting. The link for this meeting is:

Meeting URL: <https://opalco.zoom.us/j/89784989125>

Meeting ID: 897 8498 9125

Members may also submit any comments and questions in writing no less than 24 hours in advance of each meeting to: [communications@opalco.com](mailto:communications@opalco.com)

### Sequence of Events

- OPALCO Board Meeting
- Executive Session



Board of Directors  
Regular Board Meeting  
December 16, 2021 8:30 A.M.\*  
Virtual Meeting via Zoom

*\*Time is approximate; if all Board members are present, the meeting may begin earlier or later than advertised. The Board President has the authority to modify the sequence of the agenda.*

**WELCOME GUESTS/MEMBERS**

*Members attending the board meeting acknowledge that they may be recorded, and the recording posted to OPALCO's website. Members are expected to conduct themselves with civility and decorum, consistent with Member Service Policy 17. If you would like answers to specific questions, please email [communications@opalco.com](mailto:communications@opalco.com) for post-meeting follow-up.*

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**EXECUTIVE SESSION**

Legal, Personnel, Competitive, Other

**ADJOURNMENT**

# ACTION ITEMS

## Consent Agenda

All matters listed with the Consent Agenda are considered routine and will be enacted by one motion of the Board with no separate discussion. If separate discussion is desired, that item may be removed from the Consent Agenda and placed as an Action Item by request of a Board member.

The Consent Agenda includes:

- **Minutes** of the previous meeting – attached.
- **Approval of New Members** – attached {as required by Bylaws Article I Section 2 (d)}

### NEW MEMBERS – November 2021

#### District 1 (San Juan, Pearl, Henry, Brown, Spieden)

550 SJI LLC  
AKI, ISIS  
BASK 141 LLC  
BISON, LANCE  
BOUDON, GLEN  
COMBS, HOLLY  
COOKS, BRIANNON  
ELISE, JENNIFER  
FITZGERALD, CORLESS  
FLETCHER, NANCY  
GRIMES, DEBORAH  
ISLAND SASH & DOO, R  
JEANNET, THOMAS & JEANNET, MARY  
JOHNSEN, DEBORAH  
KEMPTON, HEATHER  
KIERSKY, CLAIRE  
KILPATRICK-BOE, ME'TAIRE  
KING, WILLIAM & KING, GAYLE  
KNUTSON, DANA & MCGILLIVRAY, MIKE  
LINDSLEY, NICHOLAS & MCCONKEY, ANNA-STINA  
LOEWEN, RONALD  
LOMMEL, CONSTANCE  
NOONEY, MATTHEW & MOMCHILOVICH, LORI  
OLSON, JODI  
OLSON, NIKOLAS  
PETERS, STEPHEN  
PIERCE, MARK & PIERCE, LUCINDA  
RIST, HAROLD & RIST, CHRIS  
RUTHERFORD, CALIFORNIA & GRIMES, AUSTIN  
RUYBAL, DOMINIQUE & RUYBAL, STEPHANIE  
SALAS MORENO, RENATO  
SANABRIA, ERIBERTO & SANABRIA, ROCIO  
SAVIBANK  
SCALLAN, MARK  
SCARBOROUGH, DARON  
SCHAEFER, KYLE & SCHAEFER, AMELIA  
SCHULZ, CRAIG & BROWN, MEGAN  
SCHWEITZER, JOHN & SCHWEITZER, ELIZABETH  
SLETTVET, BRIAN  
SMITH, KINA & MCDERMOTT, MOLLY  
TAYLOR, LEE  
WESTON, SHAYNE

#### District 2 (Orcas, Armitage, Blakely, Obstruction, Double, Alegria, Fawn)

AN50 REVOCABLE TRUST  
ANDERSON, DANNY & CONFORTI-ANDERSON, PAULA  
ANDREWS, H & ANDREWS, MARILYN  
ARORA, JUDGE & NESBET, BARBARA  
BARRON, RACHEL & BARRON, REBEKAH

BAUER, JOHN  
CAREY, GIFFORD  
CHAMBERLAYNE, SUZAN  
CHARTOFF, WILLIAM & CHARTOFF, DIKA  
CHRISTENSEN, ERIK & LOVEJOY, SARAH  
DILLON, JENNIFER & WALSH, BRADLEY  
DIX, DARREN & DINO, QASIM  
DUKE, APRIL  
DUKE, RACHEL  
EISNER, JERRY & EISNER, MARILYN  
FORT, FAYNETTA & PAUL, O'KELLY  
GASTON, JAMES  
HARBAUGH, WILLIAM & TAYLOR, MARJORIE  
JENNIFER, CHRISTINE  
JONES, PRESCOTT  
KASS, MADELINE & ADAMS, KOKIE  
KLEIN, AARON  
LANE, TERRENCE  
LITTLETON, KRISTI  
MCCLEAN, DARYL  
MEREDITH, MARY  
NIGRETTO, ALEXA & WAHLBERG, KYLE  
NORBY, SHELAUN  
PATE, CANDACE & PATE, ROBERT  
RILEY, SOPHIE  
SOUND MOVEMENT IN, C  
STADDON-SMITH, LEIGH  
TELLEFSEN, LINDSEY  
TOPACIO, CHAZ  
WILLIS, JONATHAN & GUNBERG, REBECCA

#### District 3 (Lopez, Center, Decatur, Charles)

123 PARTNERSHIP  
AYDELOTTE, TYLER  
HALABURKA, BRIAN & ROHDE, MELISSA  
HIGGINS, DIANNE  
JONGEJAN, ANTHONY  
MILLER, SEAN  
ODEGARD, DAVID & LOCKE, THERESA  
PULVER, PAMELA  
SMITH, BEN  
SPRENKE, JONATHAN & BRADBERRY, KASSANDRA  
TRELESE, SARAH & ROBIN, ANDREW  
TRIMM, BILL  
WIEDMAIER, IAN & WIEDMAIER, LINDSAY

#### District 4 (Shaw, Crane, Canoe, Bell)

TOMPKINS, KRISTINE

- Capital Credit payments to estates of deceased members and/or organizations no longer in business as shown below:

December	
Customer #	Amount
67804	1,215.83
62540	1,221.73
69840	445.06
61117	956.84
<b>Total</b>	<b>\$ 3,839.46</b>

Staff requests a motion to approve the Consent Agenda.



**Orcas Power & Light Cooperative  
Minutes of the Board of Directors Meeting  
Tuesday, November 30, 2021**

Streaming through Zoom attendees were: President Vince Dauciunas, Board members Rick Christmas, Jerry Whitfield, Brian Silverstein, Mark Madsen, Tom Osterman and Jeff Struthers. Staff present were General Manager Foster Hildreth; Manager of Engineering and Operations Russell Guerry; Manager of Finance and Member Services Nancy Loomis; Public Relations Administrator Suzanne Olson; Communications Specialist Krista Bouchey; Head Accountant Travis Neal, Energy Services Coordinator Lindsay Gross, Member Services Supervisor Joey Wyckoff and Executive Assistant Kelly Koral (serving as recording secretary). Also present were Legal Counsel Joel Paisner and consultant Jay Kimball.

Member comment session commenced at 8:30 a.m.

Members in attendance:

Chris Wolfe	Richard Strachan	Chris Thomerson
Chom Greacen	Sharon Abreu	John Fleischer
Sandy Bishop	Heather Nicholson	Joe Cohen
Janet Alderton	Ron Metcalf	Sharon Grace

Guests:

Tom Cottle

Staff opened and explained rules of the meeting. Reviewed today's agenda. Volunteers needed for EGC, employees who are retiring, looking at opening the 2022 election season. Three Director positions 1 in District 1, 1 in District 3 and 1 District 4. Please read 'Why Run' on our website for more info.

**MEMBER COMMENTS:**

Members in attendance shared their thoughts on the proposed changes to solar rates.

8:55 am

President Vince Dauciunas opened the meeting and thank everyone for their comments. Agenda will be changed to accommodate members and guests in attendance.

**SOLAR RATE REVIEW**

GM presented and thanked the members in attendance for participating appreciates all comments. Discussion was held by the Directors.

Silverstein exited the meeting at 9:56 am

Silverstein return 10:00 a.m.

- **MOTION** was made by Struthers to approve the renewable generation tariff structures and policies with amended General Provision 7 changing the dates referenced as March 31, 2022 to June 30, 2022. Seconded by Christmas. Approved by voice vote.

**BUDGET 2022**

GM reviewed the proposed budget for 2022. Discussion held including benefits of potential hiring of a grant writer.

- **MOTION** made by Whitfield to approve the 2022 budget. Second by Christmas. Passed by unanimous voice vote.

**CONSENT AGENDA**

- **MOTION** was made to accept the consent agenda by Struthers. Seconded by Madsen. Passed unanimously by voice vote.

Break 11:42 a.m.

Back 12:00 p.m.

**SPECIAL RETIREMENT TO UNCOLLECTABLE ACCOUNTS**

Staff recommended the board make a motion to approve the use of member allocated capital credits to reduce and/or offset individual member delinquent UA balances as referenced in the Capital Credit /Bad Debt Payment Program report.

- **MOTION** to approve by Silverstein, seconded by Osterman. Passed by unanimous voice vote.

#### **GENERAL RETIREMENT**

Staff requested a motion to approve the payment and retirement of capital credits for the remainder of 1996 and a portion of 1997.

- **MOTION** to approve by Struthers. Second by Madsen. Passed by unanimous voice vote.

#### **NWPCC RESPONSES TO OPALCO QUESTIONS**

GM reviewed.

#### **COVID-19 UPDATE**

Current information was reviewed.

#### **GM REPORT**

The GM report was reviewed.

End of Regular Session 12:48 p.m.

#### **EXECUTIVE SESSION 12:48 p.m.**

Back to regular session 12:56 p.m.

- **MOTION** made by Madsen for the Board of Director of OPALCO approve the Resolution 5-2021 regarding the increase in guaranty a discussed in Executive Session and authorizing execution of the resolution. Second by Christmas. Approved by unanimous voice vote.

#### **BOARD OF DIRECTORS RESOLUTION 5-2021 REVIEW OF ISLAND NETWORK, LLC BUSINESS PLAN**

The Orcas Power & Light Cooperative (the “Board”) held a work session to review progress of its wholly owned subsidiary, Rock Island Communications, on November 29, 2021 via Zoom format and proper notice was duly given. In attendance were Vince Dauciunas, President, Jerry Whitfield, Vice President, Brian Silverstein, Secretary-Treasurer, Mark Madsen, Rick Christmas, Jeffrey Struthers, and Tom Osterman, by video conference, constituting all members of the Board. A quorum was present throughout the meeting.

RESOLVED, that the Board met to review the Business and Financial Plans of its wholly-owned subsidiary Island, Network LLC (a.k.a. and hereinafter “Rock Island Communications”) and to consider Rock Island Communications’ request to raise the debt limit covering the subsidiary’s planned additional borrowings to meet its business plans and goals for 2022.

RESOLVED, that the Board met with the senior staff of Rock Island Communications on this date specifically to examine the subsidiary’s history, achievements, plans, proposals, alternatives, strategies, partnerships, needs, risks, costs and opportunities to enable telecommuting, tele-education and telemedicine. This process included presentations by staff of its 2022 budget details and financial plans, an in-depth exploration of several alternative scenarios, and extensive discussions among board members and staff, and between the members of the Board; and,

RESOLVED, that OPALCO, as sole owner and parent corporation, reviewed Rock Island Communication’s 2022 budget and its request to increase the loan guarantee from \$30M to \$32M.

I FURTHER CERTIFY THAT the Board of Directors of OPALCO authorizes the OPALCO Board Officers and the General Manager to execute all documentation required for the additional loan guarantee from \$30M to \$32M.

I FURTHER CERTIFY THAT the Cooperative is duly incorporated, validly existing and in good standing under the laws of the state of its incorporation and there is no pending or contemplated proceeding for the merger, consolidation, sale of assets or business or dissolution of the Cooperative; forms of the Amended and Restated Guarantee of Payment Limited, Amendments to the CoBank Revolving Credit Promissory Note and Multiple Advance Term Promissory Notes and other amendments further defined as the “Loan Agreement” in the Amended and Restated Guarantee of Payment Limited, and were authorized by the Board of Directors to be executed; none of the following resolutions have been rescinded or modified as of this date; and the persons authorized below have been duly elected or appointed to their respective positions and occupied such positions on the date of actual execution of the agreements.

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Vince Dauciunas, President

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Brian Silverstein, Secretary/Treasurer

## 2022 Tariff Revisions (Second Read)

The Board will review a comprehensive set of tariff options. The tariffs below have been edited to include the recommended revenue increases to meet the revenue requirements as proposed in the 2022 budget. The first set of tables show the current tariffs, proposed tariffs, and other tariff options. Also included is the comprehensive tariff document which is based on the proposed tariff.

This is the first read, and if approved after the second read, staff will implement the tariffs in the January 2022 billing period.



A.				B.	C.	D.	E.
<b>Residential</b>				Present Rates	<b>Recommended Even 4% increase to all components</b>	All Facility/Demand	All Energy
Service Access Charge (\$/Service/Month)				\$48.41	<b>\$50.35</b>	\$54.60	\$48.41
Energy Assistance Program (\$/kWh)				\$0.00076	<b>\$0.00079</b>	\$0.00079	\$0.00079
Energy Rates (\$/kWh)							
Summer		Winter					
Block 1	< 2,000 kWh	Block 1	< 4,000 kWh	\$0.1089	<b>\$0.1133</b>	\$0.1089	\$0.1152
Block 2	2,000 kWh to 3000 kWh	Block 2	4,000 kWh to 5,000 kWh	\$0.1234	<b>\$0.1284</b>	\$0.1234	\$0.1305
Block 3	> 3,000 kWh	Block 3	> 5,000 kWh	\$0.1421	<b>\$0.1478</b>	\$0.1421	\$0.1502
<b>Residential Distributed Energy Resource</b>				Present Rates	<b>Recommended Even 4% increase to all components</b>	All Facility/Demand	All Energy
Service Access Charge (\$/Service/Month)				\$48.41	<b>\$50.35</b>	\$54.60	\$48.41
Energy Assistance Program (\$/kWh)				\$0.00076	<b>\$0.00079</b>	\$0.00079	\$0.00079
Net Consumed Energy Rates (\$/kWh)							
Summer		Winter					
Block 1	< 2,000 kWh	Block 1	< 4,000 kWh	\$0.1089	<b>\$0.1133</b>	\$0.1089	\$0.1152
Block 2	2,000 kWh to 3000 kWh	Block 2	4,000 kWh to 5,000 kWh	\$0.1234	<b>\$0.1284</b>	\$0.1234	\$0.1305
Block 3	> 3,000 kWh	Block 3	> 5,000 kWh	\$0.1421	<b>\$0.1478</b>	\$0.1421	\$0.1502
Net Produced Energy (\$/kWh)							
Renewable Generation Credit				(\$0.0952)	<b>(\$0.0990)</b>	(\$0.0952)	(\$0.0990)
Grid Usage Charge				\$0.0103	<b>\$0.0108</b>	\$0.0103	\$0.0108
<b>Residential TOU</b>				Present Rates	<b>Recommended Even 4% increase to all components</b>	All Facility/Demand	All Energy
Service Access Charge (\$/Service/Month)				\$58.20	<b>\$60.53</b>	\$69.00	\$58.20
Energy Assistance Program (\$/kWh)				\$0.00076	<b>\$0.00079</b>	\$0.00079	\$0.00079
Energy Rates (\$/kWh)							
TOU Period 1 (6 AM - Noon)				\$0.1805	<b>\$0.1878</b>	\$0.1805	\$0.1905
TOU Period 2 (Noon - 6 PM)				\$0.1083	<b>\$0.1127</b>	\$0.1083	\$0.1143
TOU Period 3 (6 PM - 8 PM)				\$0.1805	<b>\$0.1878</b>	\$0.1805	\$0.1905
TOU Period 3 (8 PM - 6 AM)				\$0.0490	<b>\$0.0510</b>	\$0.0490	\$0.0518





A.	B.	C.	D.	E.
<b>Small Commercial (&lt;20 kW)</b>	Present Rates	<b>Recommended Even 4% increase to all components</b>	All Facility/Demand	All Energy
Service Access Charge (\$/Service/Month)	\$67.57	<b>\$70.28</b>	\$74.50	\$67.57
Energy Assistance Program (\$/kWh)	\$0.00076	<b>\$0.00079</b>	\$0.00079	\$0.00079
Energy Rates (\$/kWh)				
Block 1 (< 5,000 kWh)	\$0.1074	<b>\$0.1117</b>	\$0.1074	\$0.1187
Block 2 (> 5,000 kWh)	\$0.1190	<b>\$0.1238</b>	\$0.1199	\$0.1324
Demand Rates (\$/kW)				
First 20 kW (Flat Rate)	\$6.41	<b>\$6.67</b>	\$6.94	\$6.41
<b>Large Commercial (&gt; 20kW)</b>	Present Rates	<b>Recommended Even 4% increase to all components</b>	All Facility/Demand	All/Energy/Demand
Service Access Charge (\$/Service/Month)	\$67.57	<b>\$70.28</b>	\$82.75	\$67.57
Energy Assistance Program (\$/kWh)	\$0.00076	<b>\$0.00079</b>	\$0.00079	\$0.00079
Energy Rates (\$/kWh)				
Block 1 (< 5,000 kWh)	\$0.0975	<b>\$0.1014</b>	\$0.0975	\$0.1017
Block 2 (5,000-150,000 kWh)	\$0.1081	<b>\$0.1125</b>	\$0.1081	\$0.1128
Block 3 (>150,000 kWh)	\$0.1441	<b>\$0.1499</b>	\$0.1441	\$0.1503
Demand Rates (\$/kW)				
Block 1 (< 300 kW)	\$3.94	<b>\$4.10</b>	\$4.83	\$4.11
Block 2 (> 300 kW)	\$5.92	<b>\$6.16</b>	\$7.26	\$6.17
<b>Commercial Distributed Energy Resource</b>	Present Rates	<b>Recommended Even 4% increase to all components</b>	All Facility/Demand	All/Energy/Demand
Service Access Charge (\$/Service/Month)	\$67.57	<b>\$70.28</b>	\$82.75	\$67.57
Energy Assistance Program (\$/kWh)	\$0.00076	<b>\$0.00079</b>	\$0.00079	\$0.00079
Energy Rates (\$/kWh)				
Block 1 (< 5,000 kWh)	\$0.0975	<b>\$0.1014</b>	\$0.0975	\$0.1017
Block 2 (5,000-150,000 kWh)	\$0.1081	<b>\$0.1125</b>	\$0.1081	\$0.1128
Block 3 (>150,000 kWh)	\$0.1441	<b>\$0.1499</b>	\$0.1441	\$0.1503
Net Produced Energy Rates (\$/kWh)				
Renewable Generation Credit	(\$0.0952)	<b>(\$0.0990)</b>	(\$0.0952)	(\$0.0990)
Grid Usage Charge	\$0.0103	<b>\$0.0108</b>	\$0.0103	\$0.0108
Demand Rates (\$/kW)				
Block 1 (< 300 kW)	\$3.94	<b>\$4.10</b>	\$4.83	\$4.11
Block 2 (> 300 kW)	\$5.92	<b>\$6.16</b>	\$7.26	\$6.17



	A.	B.	C.	D.	E.
70	<b>Pumps</b>				
71		Present Rates	<b>Recommended Even 4% increase to all components</b>	All Facility/Demand	All Energy
72	Service Access Charge (\$/Service/Month)	\$43.49	<b>\$45.23</b>	\$47.95	\$42.28
73	Energy Assistance Program (\$/kWh)	\$0.00076	<b>\$0.00079</b>	\$0.00079	\$0.00079
74	Energy Rates (\$/kWh)				
75	0 - 370 kWh	\$0.1157	<b>\$0.1204</b>	\$0.1157	\$0.1294
76	370-5,000 kwh	\$0.0927	<b>\$0.0965</b>	\$0.0927	\$0.1037
77	Over 5,000 kWh	\$0.1126	<b>\$0.1172</b>	\$0.1126	\$0.1259
78	Demand Rates (\$/kW)				
79	First 20 kW (Flat Rate)	\$1.21	<b>\$1.26</b>	\$1.34	\$1.21
80	Over 20 kW	\$3.99	<b>\$4.15</b>	\$4.40	\$3.99
81					
82	<b>Energy Assist</b>				
83		Present Rates	<b>Recommended Even 4% increase to all components</b>		
84	Energy Assistance Program (\$/kWh)	\$0.00076	<b>\$0.00079</b>		
85	Household Size (\$ Credit/Month)				
86	1	(\$31.41)	<b>(\$32.67)</b>		
87	2	(\$37.41)	<b>(\$38.91)</b>		
88	3	(\$43.41)	<b>(\$45.15)</b>		
89	4	(\$49.41)	<b>(\$51.39)</b>		
90	5	(\$55.41)	<b>(\$57.63)</b>		
91	6+	(\$61.41)	<b>(\$63.87)</b>		
92					
93	<b>Private Outdoor Lighting</b>				
94		Present Rates	<b>Recommended Even 4% increase to all components</b>		
95	Billing Charge (\$/Service/Month)	\$2.79	<b>\$2.91</b>		
96	Fixture Charge (\$/Service/Month)	\$12.61	<b>\$13.12</b>		
97	Energy Rates (\$/kWh)				
98	100 Watt Light (and LED Equivalent)	\$4.64	<b>\$4.8256</b>		
99	200 Watt Light (and LED Equivalent)	\$9.42	<b>\$9.80</b>		
100					
101	<b>Line Retention</b>				
102		Present Rates	<b>Recommended Even 4% increase to all components</b>		
103	Service Access Charge (\$/Service/Month)	\$43.49	<b>\$45.23</b>		

A. Deposits and Charges	B. Present Rates	C. Recommended
New Members		
Membership Fee	\$5.00	<b>\$5.00</b>
Deposits (Refundable):		
Residential/Residential TOU	\$200.00	<b>\$250.00</b>
Commercial (Small/Large)	TBD by OPALCO*	<b>TBD by OPALCO*</b>
*Surety bond required in amount of deposit		
New of Transfer Service	\$20.00	<b>\$25.00</b>
<del>Non-sufficient Funds (NSF) Check</del> Returned Payment Charge	\$25.00	<b>\$30.00</b>
Credit Card Transaction Fee (\$/transacton)		<b>\$2.00</b>
Late Payment Charge	5% of current charges	<b>5% of current charges</b>
Disconnect/Reconnect Fees		
Disconnect Notice	\$5.00	<b>\$10.00</b>
Door Tag Fee		<b>\$50.00</b>
Reconnect (After Discontnt for Non-payment)		
Prior to Disconnection of meter	\$25.00	<b>Merge with After</b>
After Disconnection of meter		<b>Merge with Prior</b>
During OPALCO business hours	\$50.00	<b>\$75.00</b>
Outside of OPALCO business hours	\$100.00	<b>\$150.00</b>
Seasonal Reconnect (after disconnected for two (2) or more consecutive billing periods)		
During OPALCO business hours	\$200.00	<b>\$250.00</b>
Outside of OPALCO business hours	\$350.00	<b>\$400.00</b>
Member Caused Outage	Actual Cost	<b>Actual Cost</b>
Meter Seal Breakage	\$75.00	<b>\$100.00</b>
Meter Test Fee (at member's request)		
Performed by OPALCO	\$50.00	<b>\$100.00</b>
Performed by other qualified person	Actual Cost**	<b>Actual Cost**</b>
**OPALCO will refund cost of meter testing if proven in error by more than two percent (2%)		

## Summary of Tariffs

Residential	Charge (Credit)	Energy Assist	Charge (Credit)
Service Access Charge (\$/Service/Month)	\$50.35	Energy Assistance Program (\$/kWh)	\$0.00079
Energy Assistance Program (\$/kWh)	\$0.00079	Household Size (\$ Credit/Month)	
Energy Rates (\$/kWh)		1	(\$32.67)
Summer		2	(\$38.91)
Winter		3	(\$45.15)
Block 1 < 2,000 kWh	\$0.1133	4	(\$51.39)
Block 2 2,000 kWh to 3000 kWh	\$0.1284	5	(\$57.63)
Block 3 > 3,000 kWh	\$0.1478	6+	(\$63.87)
Residential TOU	Charge (Credit)	Private Outdoor Lighting	Charge (Credit)
Service Access Charge (\$/Service/Month)	\$60.53	Billing Charge (\$/Service/Month)	\$2.91
Energy Assistance Program (\$/kWh)	\$0.00079	Fixture Charge (\$/Service/Month)	\$13.12
Energy Rates (\$/kWh)		Energy Rates (\$/kWh)	
TOU Period 1 (6 AM - Noon)	\$0.1878	100 Watt Light (and LED Equivalent)	\$4.8256
TOU Period 2 (Noon - 6 PM)	\$0.1127	200 Watt Light (and LED Equivalent)	\$9.80
TOU Period 3 (6 PM - 8 PM)	\$0.1878		
TOU Period 3 (8 PM - 6 AM)	\$0.0510		
Small Commercial (<20 kW)	Charge (Credit)	Line Retention	Charge (Credit)
Service Access Charge (\$/Service/Month)	\$70.28	Service Access Charge (\$/Service/Month)	\$45.23
Energy Assistance Program (\$/kWh)	\$0.00079		
Energy Rates (\$/kWh)			
Block 1 (< 5,000 kWh)	\$0.1117		
Block 2 (> 5,000 kWh)	\$0.1238		
Demand Rates (\$/kW)			
First 20 kW (Flat Rate)	\$6.67		
Large Commercial (> 20kW)	Charge (Credit)	Deposits and Charges	Charge (Credit)
Service Access Charge (\$/Service/Month)	\$70.28	New Members	
Energy Assistance Program (\$/kWh)	\$0.00079	Membership Fee	\$5.00
Energy Rates (\$/kWh)		Deposits (Refundable):	
Block 1 (< 5,000 kWh)	\$0.1014	Residential/Residential TOU	\$250.00
Block 2 (5,000-150,000 kWh)	\$0.1125	Commercial (Small/Large)	TBD*
Block 3 (>150,000 kWh)	\$0.1499		
Demand Rates (\$/kW)			
Block 1 (< 300 kW)	\$4.10		
Block 2 (> 300 kW)	\$6.16		
Pumps	Charge (Credit)	*Amount determined by OPALCO. Surety bond required in amount of deposit	
Service Access Charge (\$/Service/Month)	\$45.23	New of Transfer Service	\$25.00
Energy Assistance Program (\$/kWh)	\$0.00079	Returned Payment Charge	\$30.00
Energy Rates (\$/kWh)		Late Payment Charge (applied to current charges)	\$0.05
0 - 370 kWh	\$0.1204	Disconnect/Reconnect Fees	
370-5,000 kWh	\$0.0965	Disconnect Notice	\$10.00
Over 5,000 kWh	\$0.1172	Door Tag Fee	\$50.00
Demand Rates (\$/kW)		Reconnect (After Disconnt for Non-payment)	
First 20 kW (Flat Rate)	\$1.26	During OPALCO business hours	\$75.00
Over 20 kW	\$4.15	Outside of OPALCO business hours	\$150.00
Residential	Charge (Credit)	Seasonal Reconnect (after disconnected for two (2) or more consecutive billing periods)	
Service Access Charge (\$/Service/Month)	\$50.35	During OPALCO business hours	\$250.00
Energy Assistance Program (\$/kWh)	\$0.00079	Outside of OPALCO business hours	\$400.00
Net Consumed Energy Rates (\$/kWh)		Member Caused Outage	Actual Cost
Summer		Meter Seal Breakage	\$100.00
Winter		Meter Test Fee (at member's request)	
Block 1 < 2,000 kWh	\$0.1133	Performed by OPALCO	\$100.00
Block 2 2,000 kWh to 3000 kWh	\$0.1284	Performed by other qualified person	Actual Cost**
Block 3 > 3,000 kWh	\$0.1478		
Net Produced Energy Rates (\$/kWh)			
Renewable Generation Credit	(\$0.0990)		
Grid Usage Charge	\$0.0108		
Residential	Charge (Credit)	Large Commercial (> 20kW)	Charge (Credit)
Service Access Charge (\$/Service/Month)	\$50.35	Service Access Charge (\$/Service/Month)	\$70.28
Energy Assistance Program (\$/kWh)	\$0.00079	Energy Assistance Program (\$/kWh)	\$0.00079
Net Consumed Energy Rates (\$/kWh)		Net Consumed Energy Rates (\$/kWh)	
Summer		Block 1 (< 5,000 kWh)	\$0.1014
Winter		Block 2 (5,000-150,000 kWh)	\$0.1125
Block 1 < 2,000 kWh	\$0.1133	Block 3 (>150,000 kWh)	\$0.1499
Block 2 2,000 kWh to 3000 kWh	\$0.1284	Net Consumed Energy Rates (\$/kWh)	
Block 3 > 3,000 kWh	\$0.1478	Renewable Generation Credit	(\$0.0990)
Net Produced Energy Rates (\$/kWh)		Grid Usage Charge	\$0.0108
Renewable Generation Credit	(\$0.0990)	Demand Rates (\$/kW)	
Grid Usage Charge	\$0.0108	Block 1 (< 300 kW)	\$4.10
		Block 2 (> 300 kW)	\$6.16

## Tariff R – Residential Service

### Availability

Available to all small farm and home members, subject to the General Provisions hereunder.

### Type of Service

Single-phase, at available secondary voltage, equipment subject to automatic load management controls.

### Application

Service for home and farm uses, such as cooking, lighting, heating, private docks not used for commercial purposes, etc. Primary residential end-use shall be served under this tariff.

### Charges (Credits)

Charge (Credit) Type	Charge (Credit) Amount			
Service Access	\$50.35			\$/billing period
Energy				
	Summer Thresholds	Winter Thresholds		
Block 1	≤ 2,000 kWh	≤ 4,000 kWh	\$0.1133	\$/kWh
Block 2	2,001 - 3,000 kWh	4,001 – 5,000 kWh	\$0.1284	\$/kWh
Block 3	> 3,000 kWh	> 5,000 kWh	\$0.1478	\$/kWh
Demand	\$0.00			\$/kW
Energy Assistance	Charges as found in EAP Tariff. See General Provision #6.			\$/kWh
Energy Charge Adjustment	Charges as found in ECA Tariff. See General Provision #6.			\$/kWh

### General Provisions

1. The minimum monthly charge, under this tariff, shall be per the Service Access Charge, as found in Charges (Credits), per billing period or prorated if service is provided for less than a full billing period.
2. A surcharge or credit may be applied to each billing for service under this tariff to reflect increases or decreases in cost of power subject to Member Services Policy 29 – Rate Design and Tariff ECA – *Energy Charge Adjustments*.
3. Member agrees to allow the cooperative, at its discretion, to install automatic load management controls.
4. Primary end-use for residential purposes shall be served under this tariff.
5. Summer Block is defined as May billing period through September billing period; Winter Block is defined as October billing period through April billing period.
6. Energy Assistance Charge and Energy Charge Adjustment shall be applied to all energy (kWh) Consumed Energy in the billing period.



## Tariff RDR – Residential Distributed Energy Resource Service

### Availability

Available to all residential members utilizing Member Service Policy 13 for interconnection of distributed energy resource (DER) facilities, subject to the General Provisions hereunder. DER facilities include solar, wind, hydro, and battery storage.

### Type of Service

Single-phase, at available secondary voltage, equipment subject to automatic load management controls.

### Application

- Primary residential interconnected DER facilities end-use shall be served under this tariff.
- Services with interconnected DER facilities with an inverter nameplate rating of less than 25 kW.  
[Systems above 25kW will require an independent power purchase agreement]

### Charges (Credits)

Charge (Credit) Type	Charge (Credit) Amount			
Service Access	\$50.35			\$/billing period
Net Consumed Energy				
Wholesale Purchased Power	\$0.0470			\$/kWh
	Summer Thresholds	Winter Thresholds		
Block 1	≤ 2,000 kWh	≤ 4,000 kWh	\$0.0663	\$/kWh
Block 2	2,001 - 3,000 kWh	4,001 – 5,000 kWh	\$0.0814	\$/kWh
Block 3	> 3,000 kWh	> 5,000 kWh	\$0.1008	\$/kWh
Net Produced Energy				
Renewable Generation Credit	(\$0.0952)			\$/kWh
Grid Usage Charge	\$0.0103			\$/kWh
Demand	\$0.00			\$/kW
Energy Assistance	Charges as found in EAP Tariff. See General Provision #6.			\$/kWh
Energy Charge Adjustment	Charges as found in ECA Tariff. See General Provision #6.			\$/kWh

### General Provisions

1. The minimum monthly charge, under this tariff, shall be per the Service Access Charge, as found in Charges (Credits), per billing period or prorated if service is provided for less than a full billing period.

2. A surcharge or credit may be applied to each billing for service under this tariff to reflect increases or decreases in cost of power subject to Member Services Policy 29 – Rate Design and Tariff ECA – *Energy Charge Adjustments*.
3. Member agrees to allow the cooperative, at its discretion, to install automatic load management controls.
4. Primary end-use for residential purposes shall be served under this tariff.
5. Summer Block is defined as May billing period through September billing period; Winter Block is defined as October billing period through April billing period.
6. Energy Assistance Charge and Energy Charge Adjustment shall be applied to all energy (kWh) Consumed Energy in the billing period.
7. Net Consumed Energy shall be charges applied to all energy (kWh) consumed at the time where consumption exceeds production. This energy shall be measured at the interconnection meter.
8. Net Produced Energy shall be credits and charges applied to all energy (kWh) produced at the time where production exceeds consumption. This energy shall be measured at the interconnection meter. The sum of all credits and charges totals to a credit.
9. Services installed, commissioned, and energized prior to June 30<sup>th</sup>, 2022, may remain on the Legacy Renewable Energy Rider for interconnected DER facilities provided the cooperative has been notified on or prior to June 30<sup>th</sup>, 2022.
10. Services billed on the Legacy Renewable Energy Rider shall continue using that Legacy Renewable Energy Rider until one of the following conditions has been met:
  - the service is transferred to another member;
  - an executed agreement to be bound by this tariff;
  - an executed agreement requiring participation in this tariff; or
  - after June 30<sup>th</sup>, 2029.
11. Wholesale Purchased Power (charge or credit) is the annual blended per kWh charge for OPALCO's cost of wholesale power from the mainland suppliers.
12. Renewable Premium includes costs for reduced load on the grid, an environmental credit, and an implementation phase-in credit.
13. Services utilizing this tariff shall not revert to legacy tariff methodology.

## Tariff TOU – Residential Time of Use Service

### Availability

Available to all small farm and home members otherwise served under the standard residential rate, and subject to the General Provisions hereunder.

### Type of Service

Single-phase, at available secondary voltage, equipment subject to automatic load management controls.

### Application

Service for small farms, homes, pools, greenhouses and other non-essential loads. Limited to single phase loads. Primary residential end-use shall be served under this tariff.

### Charges (Credits)

Charge (Credit) Type	Charge (Credit) Amount	
<b>Service Access</b>	\$60.53	\$/billing period
<b>Energy</b>		
TOU Period 1	\$0.1878	\$/kWh
TOU Period 2	\$0.1127	\$/kWh
TOU Period 3	\$0.1878	\$/kWh
TOU Period 4	\$0.0510	\$/kWh
<b>Demand</b>	\$0.00	\$/kW
<b>Energy Assistance</b>	Charges as found in EAP Tariff. See General Provision #6.	\$/kWh
<b>Energy Charge Adjustment</b>	Charges as found in ECA Tariff. See General Provision #6.	\$/kWh

### General Provisions

1. The minimum monthly charge, under this tariff, shall be per the Service Access Charge, as found in Charges (Credits), per billing period or prorated if service is provided for less than a full billing period.
2. A surcharge or credit may be applied to each billing for service under this tariff to reflect increases or decreases in cost of power subject to Member Services Policy 29 – Rate Design and Tariff ECA – *Energy Charge Adjustments*.
3. Member agrees to allow the cooperative, at its discretion, to install automatic load management controls.
4. Primary end-use for residential purposes shall be served under this tariff.
5. Summer Block is defined as May billing period through September billing period; Winter Block is defined as October billing period through April billing period.
6. Energy Assistance Charge and Energy Charge Adjustment shall be applied to all energy (kWh) Consumed Energy in the billing period.





7. Member agrees to be billed on this rate for a minimum of 12 billing periods.

## Tariff SCS – Small Commercial Service

### Availability

Available to all non-residential members using less than 20 kW in all of the preceding twelve (12) months, subject to the General Provisions hereunder.

### Type of Service

Single-phase or three phase, at available secondary voltage, equipment subject to automatic load management controls.

### Application

General Service for heating, lighting, etc., for non-residential primary end-use.

### Charges (Credits)

Charge (Credit) Type	Charge (Credit) Amount		
Service Access		\$67.57	\$/billing period
Energy			
Block 1	≤ 5,000 kWh	\$0.1117	\$/kWh
Block 3	> 5,000 kWh	\$0.1238	\$/kWh
Demand	First 20 kW (Flat Rate)	\$6.67	\$/billing period
Energy Assistance	Charges as found in EAP Tariff. See General Provision #6.		\$/kWh
Energy Charge Adjustment	Charges as found in ECA Tariff. See General Provision #6.		\$/kWh

### General Provisions

1. The minimum monthly charge, under this tariff, shall be per the Service Access Charge, as found in Charges (Credits), per billing period or prorated if service is provided for less than a full billing period.
2. A surcharge or credit may be applied to each billing for service under this tariff to reflect increases or decreases in cost of power subject to Member Services Policy 29 – Rate Design and Tariff ECA – *Energy Charge Adjustments*.
3. The billing demand shall be the maximum kilowatt (kW) demand established by the member for any period of fifteen (15) consecutive minutes during the period for which the bill is rendered as indicated or recorded by a demand meter.
4. Member agrees to allow the cooperative, at its discretion, to install automatic load management controls.
5. Energy Assistance Charge and Energy Charge Adjustment shall be applied to all energy (kWh) Consumed Energy in the billing period.

## Tariff LCS – Large Commercial Service

### Availability

Available to all non-residential members using more than 20 kW in any one or more of the preceding twelve (12) months, subject to the General Provisions hereunder.

### Type of Service

Single-phase, at available secondary voltage, equipment subject to automatic load management controls.

### Application

General Service for heating, lighting, etc., for non-residential primary end-use.

### Charges (Credits)

Charge (Credit) Type	Charge (Credit) Amount		
Service Access	\$67.57		\$/billing period
<b>Energy</b>			
Block 1	≤ 5,000 kWh	\$0.1014	\$/kWh
Block 2	5,001 - 150,000 kWh	\$0.1125	\$/kWh
Block 3	> 150,000 kWh	\$0.1499	\$/kWh
<b>Demand</b>			
Block 1	≤ 300	\$4.10	\$/kW
Block 2	> 300	\$6.16	\$/kWh
Energy Assistance	Charges as found in EAP Tariff. See General Provision #6.		\$/kWh
Energy Charge Adjustment	Charges as found in ECA Tariff. See General Provision #6.		\$/kWh+

### General Provisions

1. The minimum monthly charge, under this tariff, shall be per the Service Access Charge, as found in Charges (Credits), per billing period or prorated if service is provided for less than a full billing period.
2. A surcharge or credit may be applied to each billing for service under this tariff to reflect increases or decreases in cost of power subject to Member Services Policy 29 – Rate Design and Tariff ECA – *Energy Charge Adjustments*.
3. The billing demand shall be the maximum kilowatt (kW) demand established by the member for any period of fifteen (15) consecutive minutes during the period for which the bill is rendered as indicated or recorded by a demand meter.
4. Member agrees to allow the cooperative, at its discretion, to install automatic load management controls.
5. Energy Assistance Charge and Energy Charge Adjustment shall be applied to all energy (kWh) Consumed Energy in the billing period.

## Tariff CDR – Commercial Distributed Energy Resource Service

### Availability

Available to all non-residential members utilizing Member Service Policy 13 for interconnection of distributed energy resource (DER) facilities and metered at more than 20 kW in any one or more of the preceding twelve (12) months, subject to the General Provisions hereunder. DER facilities include solar, wind, hydro, and battery storage.

### Type of Service

Single-phase or three-phase, at available secondary voltage, equipment subject to automatic load management controls.

### Application

- Primary residential interconnected DER facilities end-use shall be served under this tariff.
- Services with interconnected DER facilities with an inverter nameplate rating of less than 25 kW.  
[Systems above 25kW will require an independent power purchase agreement]

### Charges (Credits)

Charge (Credit) Type	Charge (Credit) Amount		
Service Access		\$67.57	\$/billing period
Net Consumed Energy			
Block 1	≤ 5,000 kWh	\$0.0544	\$/kWh
Block 2	5,001 - 150,000 kWh	\$0.0655	\$/kWh
Block 3	> 150,000 kWh	\$0.1029	\$/kWh
Net Produced Energy			
Renewable Generation Credit		(\$0.0952)	\$/kWh
Grid Usage Charge		\$0.0103	\$/kWh
Demand			
Block 1	≤ 300	\$4.10	\$/kW
Block 2	> 300	\$6.16	\$/kWh
Energy Assistance	Charges as found in EAP Tariff. See General Provision #6.		\$/kWh
Energy Charge Adjustment	Charges as found in ECA Tariff. See General Provision #6.		\$/kWh

### General Provisions

1. The minimum monthly charge, under this tariff, shall be per the Service Access Charge, as found in Charges (Credits), per billing period or prorated if service is provided for less than a full billing period.

2. A surcharge or credit may be applied to each billing for service under this tariff to reflect increases or decreases in cost of power subject to Member Services Policy 29 – Rate Design and Tariff ECA – *Energy Charge Adjustments*.
3. Member agrees to allow the cooperative, at its discretion, to install automatic load management controls.
4. Primary end-use for residential purposes shall be served under this tariff.
5. Summer Block is defined as May billing period through September billing period; Winter Block is defined as October billing period through April billing period.
6. Energy Assistance Charge and Energy Charge Adjustment shall be applied to all energy (kWh) Consumed Energy in the billing period.
7. Net Consumed Energy shall be charges applied to all energy (kWh) consumed at the time where consumption exceeds production. This energy shall be measured at the interconnection meter.
8. Net Produced Energy shall be credits and charges applied to all energy (kWh) produced at the time where production exceeds consumption. This energy shall be measured at the interconnection meter. The sum of all credits and charges totals to a credit.
9. Services installed, commissioned, and energized prior to June 30<sup>th</sup>, 2022, may remain on the Legacy Renewable Energy Rider for interconnected DER facilities provided the cooperative has been notified on or prior to June 30<sup>th</sup>, 2022.
10. Services billed on the Legacy Renewable Energy Rider shall continue using that Legacy Renewable Energy Rider until one of the following conditions has been met:
  - the service is transferred to another member;
  - an executed agreement to be bound by this tariff;
  - an executed agreement requiring participation in this tariff; or
  - after June 30<sup>th</sup>, 2029.
11. Wholesale Purchased Power (charge or credit) is the annual blended per kWh charge for OPALCO's cost of wholesale power from the mainland suppliers.
12. Renewable Premium includes costs for reduced load on the grid, an environmental credit, and an implementation phase-in credit.
13. Services utilizing this tariff shall not revert to legacy tariff methodology.

## Tariff P – Pump Service

### Availability

Available to all members, subject to the General Provisions hereunder.

### Type of Service

Single-phase, at available secondary voltage, equipment subject to automatic load management controls.

### Application

Service for exclusively pumping water for domestic use and/or irrigation.

### Charges (Credits)

Charge (Credit) Type	Charge (Credit) Amount		
Service Access	\$45.23		\$/billing period
Energy			
Block 1	≤ 370 kWh	\$0.1204	\$/kWh
Block 2	371 - 5,000 kWh	\$0.0965	\$/kWh
Block 3	> 5,000 kWh	\$0.1172	\$/kWh
Demand			
Block 1	First 20 kW (Flat Rate)	\$1.26	\$/billing period
Block 2	> 20 kW	\$3.99	\$/kW
Energy Assistance	Charges as found in EAP Tariff. See General Provision #5.		\$/kWh
Energy Charge Adjustment	Charges as found in ECA Tariff. See General Provision #5.		\$/kWh

### General Provisions

1. The minimum monthly charge, under this tariff, shall be per the Service Access Charge, as found in Charges (Credits), per billing period or prorated if service is provided for less than a full billing period.
2. A surcharge or credit may be applied to each billing for service under this tariff to reflect increases or decreases in cost of power subject to Member Services Policy 29 – Rate Design and Tariff ECA – *Energy Charge Adjustments*.
3. Member agrees to allow the cooperative, at its discretion, to install automatic load management controls.
4. All pumps served under this tariff shall be metered separately.
5. Energy Assistance Charge and Energy Charge Adjustment shall be applied to all energy (kWh) Consumed Energy in the billing period.

## Tariff LR – Line Retention

### Availability

Available for individual services where the primary and transformer only serve one member and the removal of the equipment will not affect the service to other members, and/or no service has been taken for a period of twelve (12) months.

### Type of Service

Single-phase, at available secondary voltages.

### Application

Payment of the line retention rate will ensure that the facilities remain in place for future use.

### Charges (Credits)

Charge (Credit) Type	Charge (Credit) Amount	
Service Access	\$45.23	\$/billing period

### General Provisions

1. The minimum monthly credit, under this tariff, shall be per the Energy Assist Credit, as found in Charges (Credits), per billing period or prorated if service is provided for less than a full billing period.
2. OPALCO shall retire and/or remove facilities that have been idle for greater than twelve (12) months.
3. Payment of the line retention rate will ensure that the facilities remain in place while service has this tariff applied.
4. If OPALCO removes any equipment pertaining to the service while under this tariff, OPALCO shall reinstall the facilities to provide the same service at the time this tariff was applied.
5. Members who have discontinued service for a period of twelve (12) months or have made a formal request for service and have not connected to the system after a period of twelve (12) months are subject to the line retention rate, provided that OPALCO has determined that the facilities are causing ongoing expenses, such as line losses or line maintenance to the system.

## Tariff POL – Private Outdoor Lighting

### Availability

New service under this tariff is not available after March 1, 1998. Those members receiving service under this tariff prior to March 1, 1998 may continue to do so.

### Type of Service

OPALCO will own, maintain and operate suitable fixtures on brackets, with refractors and controls, and supply energy for lamps at locations agreed upon with the member, the service distance not to exceed 150 feet/2 wire, or 300 feet/3 wire.

### Application

Non-metered or metered street, yard or security lighting service.

### Charges (Credits)

Charge (Credit) Type	Charge (Credit) Amount	
Billing	\$2.91	\$/billing period
Fixture	\$13.12	\$/billing period
Light		
100 Watt or Equivalent	\$4.83	\$/billing period
Block 2	\$9.80	\$/billing period

### General Provisions

1. The minimum monthly charge, under this tariff, shall be per the Service Access Charge, as found in Charges (Credits), per billing period or prorated if service is provided for less than a full billing period.
2. All lamp replacements and other maintenance will be provided by OPALCO, except that lamps and fixtures broken by vandalism will be charged to the member.
3. The member shall notify OPALCO if a lamp does not operate. OPALCO agrees to repair lamps as soon as possible, but, in any event, within five (5) working days.
4. A timing device and/or photo electric cell may be installed by OPALCO in order to limit the time interval that the lamp is turned on each night.
5. During the periods of energy shortage, lamps may be disconnected by request of either the cooperative or member, with no charge to member. The member will not be charged for the period the light has been disconnected.



## Deposits and Fees

Description	Amount
<b>New Members</b>	
Membership Fee (refundable)	\$5.00
Deposits (refundable)	
Residential/Residential TOU	\$250.00
Commercial (Small and Large)	TBD by OPALCO <sup>1</sup>
<i><sup>1</sup>Surety bond required in amount of deposit</i>	
<b>New or Transfer Service</b>	\$25.00
<b>Returned Payment Charge</b>	\$30.00
<b>Credit Card Process Fee (per transaction)</b>	\$2.00
<b>Late Payment Charge</b>	5% of current balance
<b>Disconnect/Reconnect Fees</b>	
Disconnect Notice	\$10.00
Door Tag	\$50.00
Reconnect (after Disconnect for Non-payment)	
During OPALCO business hours	\$75.00
Outside of OPALCO Business hours	\$150.00
Seasonal Reconnect <sup>2</sup>	
During OPALCO business hours	\$250.00
Outside of OPALCO Business hours	\$400.00
<i><sup>2</sup>after disconnected for two (2) or more consecutive billing periods</i>	
<b>Member Caused Outage</b>	Actual Cost
<b>Meter Seal Breakage</b>	\$100.00
<b>Meter Test Fee<sup>3</sup> (at members request)</b>	
Performed by OPALCO	\$100.00
Performed by other qualified person	Actual Cost <sup>3</sup>
<i><sup>3</sup>OPALCO will refund cost of meter testing if proven in error by more than two percent (2%)</i>	

## Tariff EAP – Energy Assist Program Rider

### Availability

Energy Assist Credit is available to low-income members, subject to the General Provisions hereunder, served under the current Tariff R *Residential Service*, and the provisions therein.

### Type of Service

Electric service under the current Tariff R *Residential Service*.

### Application

Residential homes with year-round low-income occupants being served by a standard residential service.

### Charges (Credits)

Charge (Credit) Type	Charge (Credit) Amount		
Energy Assistance	\$0.00079		\$/kWh
Energy Assist			
	Household Size		
	1	(\$32.67)	\$/billing period
	2	(\$38.91)	\$/billing period
	3	(\$45.15)	\$/billing period
	4	(\$51.39)	\$/billing period
	5	(\$57.63)	\$/billing period
	6+	(\$63.87)	\$/billing period

### General Provisions

1. The minimum monthly credit, under this tariff, shall be per the Energy Assist Credit, as found in Charges (Credits), per billing period or prorated if service is provided for less than a full billing period.
2. The Energy Assist Credit is pending available funding through the Energy Assistance Charge in each related tariff, and other funding sources as approved by the Board of Directors.
3. Energy Assistance Charge shall be applied to all energy (kWh) Consumed Energy in the billing period under all tariffs.

## Tariff ECA – Energy Charge Adjustment Rider

A variable true-up adjustment (surcharge or credit) will appear as a line item on member bills to reflect increases or decreases in the revenue and power sales due to weather. The adjustment amount will be solely based on revenue variance and power costs and calculated by comparing budgeted vs. actual revenue variance and power costs per kWh sold. The purpose of the ECA is to address the lack of financial predictability in weather forecasting for kWh sales and revenue. The ECA includes two adjustment mechanisms:

- 1) An automated monthly reoccurring true-up (surcharge or credit) to be applied to each member billing on a kWh basis, which adjusts for increases or decreases in the actual revenues collected and cost of power purchased as compared to the budgeted revenues collected and cost of power purchased per kWh sold (see below for calculation); and
- 2) On an as-needed basis and subject to board approval, a variable mechanism that balances the fluctuation in revenues to meet strategic directives.
- 3) An emergency adjustment to account for material but unpredictable costs such as storm damage that must be approved by the board on a case-by-case basis.

### Monthly ECA Factor

The automated monthly charges on member bills shall be increased or decreased on a uniform per-kWh basis computed monthly as follows:

$$ECA = \frac{(Rev_B - Rev_A) + (P_A - P_B)}{kWh_E} + \frac{Uncollected}{kWh_E} + Emergency\ Adjustment$$

The figures for the above variables can be found in Board approved budget and in the financial statements, and on the Sales and Usage Report.

### Where:

ECA	Energy Cost Adjustment (\$/kWh) to be applied to energy sales for the billing period. The ECA shall be capped at \$0.01/kWh excluding the Emergency Adjustment.
$kWh_E$	Total estimated energy sales for the billing period the ECA will be applied.
Actual Power Cost	Total purchased power cost from all suppliers for the prior month billing period.
Budgeted Power Cost	Total estimated cost of purchased power from all suppliers for the prior month billing period.
Uncollected	Difference in the total ECA revenue collected from the prior month and the total ECA calculated collection for the prior month. $Uncollected = ECA_P * kWh_A$
$ECA_P$	Energy Charge Adjustment from the prior month billing period as charged/credited.
$kWh_A$	Total actual energy sales for the prior month billing period the ECA was applied.
Emergency Adjustment	A board approved \$/kWh charge to account for material but unpredictable costs. Approved on a case-by-case basis.

## Tariff EC – Energy Conservation Charge Rider

### Availability

Service under this Rider shall be available in all territory served by the cooperative (OPALCO) and shall be subject to OPALCO's established tariffs and policies. This Rider is an optional and voluntary tariff available to members who take service under any rate schedule for eligible energy efficiency improvements (upgrades) within the OPALCO service territory. It shall not be a requirement that the structure be all-electric. Projects that address upgrades to existing buildings deemed unlikely to be habitable or to serve their intended purpose for duration of service charges will not be approved unless other funding can affect necessary repairs.

### Application

A monthly Energy Conservation (EC) charge will be assigned to any meter located where upgrades are installed utilizing OPALCO on-bill financing program. Members occupying the location of the meter shall pay the EC charge until all OPALCO costs have been recovered. OPALCO will recover the costs of its investments, including any fees allowed, in this tariff. Charges will be set for a duration not to exceed the estimated life of the pre-approved upgrades or the length of a full parts and labor warranty, whichever is less and in no case longer than ten (10) years. The EC charge, and duration of payments will be included in the Efficiency Conservation Agreement between OPALCO and the member.

### General Provisions

#### ENERGY CONSERVATION AGREEMENT TERMS

1. No up-front payment is required by participating members. The initial cost of approved energy efficiency measures will be paid by OPALCO, up to the maximum amount established for each EC measure.
2. The repayment obligation shall be assigned to the meter at the premises and will survive changes in ownership and/or tenancy.
3. Until cost recovery for upgrades at a meter location is complete, the terms of this tariff shall be binding on the metered structure and any future member who shall receive service at that location.
4. Program costs shall be recovered through a monthly EC charge on the utility bill.
5. Without regard to any other OPALCO rules or policies, the EC charge shall be considered as an essential part of the members bill for electric service, and OPALCO may disconnect the associated electric meter for non-payment of EC charge under the same provisions as for any other electric service.
6. OPALCO may make an incentive payment for program participation that is less than or equal to the value of the upgrades to the Cooperative.
7. A member's and landlord's (if applicable) signature on the EC Agreement shall indicate acceptance of this tariff.
8. OPALCO will be responsible for estimating resource savings and developing a Conservation Plan upon which the EC charge will be based, detailed in this tariff.



9. Once OPALCO's costs for upgrades at a specified location have been recovered, the monthly charge shall no longer be billed.

### **Conservation Plan**

The Conservation Plan (the Plan) will be developed by OPALCO and specify measures eligible for financing. The Plan includes:

- EC Charge – The charge to be included on Member's utility bill will be based on the actual cost of the proposed measure(s). The Cooperative will be solely responsible for calculating the EC charge utilizing standard amortization methods. To the extent applicable, OPALCO will incorporate County recording fees and OPALCO rebates or discounts into the calculation of the EC charge.
- The annual interest rate used to calculate the EC charge shall be no more than two percent (2%).
- Number of Payments – The number of monthly periods for which the EC charge will apply at the premises. Unless otherwise specified, the EC charge shall not exceed the estimated life of the measure or ten (10) years, whichever is less.
- Project Cost - the total actual cost of the energy conservation project being financed, for the purpose of calculating the EC charge. Project cost will include (1) the final amount billed by the contractor, and paid by OPALCO, subject to the terms of this policy and the EC Agreement, (2) recording fees charged by the County, and paid by OPALCO, (3) optional decommissioning of a fossil fuel system and (4) an energy audit (if applicable). Energy snapshot fees may not be included in the Project Cost.
- Estimated Resource Savings – The modeled change(s) in costs of resources consumed at the premise attributable to the efficiency measure(s) proposed. The Cooperative will be solely responsible for savings estimates.

### **Approved Contractor**

Should the member determine to proceed with implementing the Plan, OPALCO shall determine the appropriate monthly charge as described above. The member shall sign the EC Agreement and select a certified contractor.

### **Quality Assurance**

When the energy efficiency upgrades are completed, the contractor shall be paid by OPALCO, following on-site, telephone, or written report inspection and approval of the installation by the member and cooperative. OPALCO does not guarantee the performance of the upgrade appliance or the quality of work of any contractor.

### **Uneconomic Measures**

A member may elect to "buy down" the cost of implementing an efficiency measure so that the EC charge will be less than the average estimated monthly savings. In this case OPALCO must be notified in advance of the payment to appropriately process the payment.

### **New and Existing Structures**

A member may utilize this Rider to install high efficiency equipment or measures in new structures. At its sole discretion, OPALCO may determine a property is not eligible for the program and does not qualify for this Rider if:



- The structure has an expected life shorter than the payback period, or
- The structure does not meet applicable public safety or health codes.

### Responsibilities

Responsibilities, understandings, and authorizations of members, OPALCO, landlord (if applicable) and Participating Contractor shall be outlined in written agreements, notifications and disclosures/consents.

### Transition in Roles

Payments due pursuant to an Energy Conservation Agreement are based upon the meter serving each property participating under this tariff. All responsibility for outstanding EC obligations and payments belong to the member or any successor party to the member, landlord or tenant change, including any subsequent owner, tenant, or otherwise. Note, to the extent necessary, each member maintains all disclosure obligations. For example: If a person sells a home, they are required to notify the purchaser of the tariff obligation. Failure to provide such notification shall not affect the cooperative's ability to continue billing pursuant to this tariff.

### Other

1. This Rider only applies to measures permanently installed as fixtures at the premises. Portable efficiency products do not qualify under this Rider. OPALCO will solely determine eligibility of measures or products.
2. Premises in which the measures will be installed must be permanently anchored to a foundation.
3. At its sole discretion, OPALCO may determine the maximum program investment in any year.
4. OPALCO will determine the eligibility of a member based under the member's bill payment history with the cooperative, projected energy savings and program capacity. Service under this Rider shall be available in all territory served by the cooperative (OPALCO) and shall be subject to OPALCO's established tariffs and policies. This Rider is an optional and voluntary tariff available to members who take service under any rate schedule for eligible energy efficiency improvements (upgrades) within the OPALCO service territory. It shall not be a requirement that the structure be all-electric. Projects that address upgrades to existing buildings deemed unlikely to be habitable or to serve their intended purpose for duration of service charges will not be approved unless other funding can affect necessary repairs



## Tariff LRR – Legacy Renewable Energy Rider

### Availability

Available to all services utilizing Member Service Policy 13 for interconnection of distributed energy resource (DER) facilities, subject to the General Provisions hereunder. DER facilities include solar, wind, hydro, and battery storage.

### General Provisions

1. This rider shall be applied to the primary tariff utilized for the service utilizing Member Service Policy 13.
2. Energy produced that exceeds consumption shall be used to directly offset energy consumed that exceeds production within the billing period.
3. Energy produced that exceeds the energy consumption for the billing period shall be carried to the following billing periods until either it is fully offset by consumed energy or March 31. On April 30 of each year, the produced energy that exceeds the consumed energy shall be paid at \$0.01 greater than the average wholesale cost of power (See General Provision #4).
4. The yearly average shall be determined each year on March 31 using OPALCO's year-end Rural Utilities Service (RUS) Form 7, Part K, Section (e) Average Cost.
5. The billing adjustments applies to charges for energy consumed only. A member participating in this tariff is subject to the OPALCO tariff under which the member receives service.
6. Produced energy that exceeds consumption shall be applied only to energy usage and not the service access charge. In all cases, the service access charge will apply.
7. If the service has selected the use of "Buy/Sell", general provision #1 and # 2 do not apply. All produced energy that exceeds consumption within the billing period shall be credited on a monthly basis at \$0.01 greater than the average wholesale cost of power (See General Provision #4).
8. Services installed, commissioned, and energized prior to June 30<sup>th</sup>, 2022, may remain on this tariff for interconnected DER facilities provided the cooperative has been notified on or prior to June 30<sup>th</sup>, 2022.
9. Services billed on this legacy tariff rider shall continue using this tariff rider until one of the following conditions has been met:
  - the service is transferred to another member;
  - an executed agreement to be bound by another tariff;
  - an executed agreement requiring participation in another tariff; or
  - after June 30<sup>th</sup>, 2029.

# DISCUSSION ITEMS

## Infrastructure Investment and Jobs Act (IIJA)

On November 15, 2021, the Federal Government signed into law the \$1.2 trillion infrastructure bill, coined the Infrastructure Investment and Jobs Act (IIJA). At this preliminary stage, the details for how the IIJA funds will be disbursed has “yet to be determined.”

In the coming months, federal funds and loans will begin to flow into all sectors of our economy, including repairing, building, modernizing, and extending such critical assets, such as roads, bridges, ports, transit system, communication networks, water pipelines, and power grids.

We (NRECA, PNGC and OPALCO) have been monitoring preliminary roll-out details timelines and actively tracking IIJA deployment processes and waiting for application and qualification specifics. We estimate that nearly sixty percent of the stimulus funds will be forwarded to individual states for distribution and a large portion of the funds will be allocated competitively. We will be working collaboratively to monitor developments closely to identify and facilitate grant/loan opportunities and submittal timelines.

At this December Board meeting, Hill Thomas from NRECA will provide us with a high-level overview of IIJA Federal funding legislation. Michael Jung from PNGC and OPALCO staff will also update us on IIJA funding from a regional perspective.

## Member Services Policy 17 Revisions (First Read)

Upon review of Member Services Policy 17 a couple of items were deemed to need updates and/or clarification as outlined below. This is first read only.

ORCAS POWER AND LIGHT COOPERATIVE  
MEMBER SERVICE POLICY 17  
MEMBER PARTICIPATION AT  
OPALCO MEETINGS

### 17.1 GOALS AND OBJECTIVES

As a member-owned electric cooperative, member participation in the affairs of OPALCO is both expected and encouraged. The purpose of this policy is to establish guidelines, help foster attendance at OPALCO meetings, and establish respectful communication among members **and invited guests**, including the Board of Directors. OPALCO encourages member interest in the governance of its cooperative and welcomes member attendance at all OPALCO meetings.

### 17.2 OPALCO BOARD MEETINGS

Meetings of the OPALCO Board of Directors are conducted in accordance with the current edition of Robert's Rules of Order Newly Revised. Meetings of the Board of Directors are held **by video conferencing and/or** in person ~~on the three main ferry served islands (San Juan, Orcas and Lopez) on a rotating basis to maximize member attendance. By rotating the meeting locations, the~~ The Board of Directors intent is to maximize member ability to participate.



- 17.2.1 All meeting materials are posted on the OPALCO website in advance of the monthly meeting. The minutes are posted once approved.
- 17.2.2 At each regular monthly meeting of the Board of Directors, members will be offered an opportunity to address the Board at the beginning of each meeting with the following criteria:
  - 17.2.2.1 Members will state their name and island of residence;
  - 17.2.2.2 Members will identify the topic they wish to address;
  - 17.2.2.3 Members will have 5 minutes to voice their comments.
- 17.2.3 Members are expected to act with civility and maintain decorum:
  - 17.2.3.1 Any comments must be respectful and not be personal in nature, including those made to other members, cooperative staff and directors;
  - 17.2.3.2 If a member is representing a group of members, one representative is encouraged to speak on behalf of the group or organization, in the interest of time;
  - 17.2.3.3 Meeting participants shall refrain from disruptive or distracting behavior. Unruly behavior, (including but not limited to applause, booing or hissing, interruption or harassing remarks) is prohibited. Participants shall respect individual physical and personal space and refrain from any form of physical or verbal intimidation or abuse.
  - 17.2.3.4 The Board may allow member participation during discussion of an item at the Board President's (or presiding director's) discretion, providing that such participation does not unnecessarily slow board deliberations and ensuring that member participation does not interfere with the conduct of Cooperative business.
- 17.2.4 Subject to the approval of the Board President or presiding director, any member may request permission to address the Board of Directors outside the initial opening of each meeting. If the request is approved by the Board President or presiding director and is received at least ten business days prior to a board meeting, that person's name and topic will normally appear on the agenda.
- 17.2.5 Communication in writing may be distributed to the Board of Directors prior to any meeting or may be included with the board materials, subject to approval by the General Manager.

### **17.3 OTHER MEETINGS**

Other meetings held on behalf of OPALCO (committee or special) shall be noticed pursuant to Bylaws Articles II & IV.

### **17.4 VIDEO RECORDING AT MEETINGS**

The intent is to video record regular board meetings (and other meetings as determined by the Board), for those members who are not in attendance, making it more accessible for the entire membership to review the governance of OPALCO. OPALCO will include video recordings when practical and cost effective, as follows:

- 17.4.1 Video recording will utilize existing video equipment that OPALCO already uses for operational purpose.
- 17.4.2 Recordings will be a static ~~non-interactive, (not live) unedited~~ feed and made available through the OPALCO website. **To minimize staff time, recordings are only edited when necessary to protect proprietary information such as legal, personnel and competitive.** Recordings will be available on OPALCO's website for a rolling period of 12 months.
- 17.4.3 ~~Due to rotation of meetings,~~ **Recording** equipment may not be available in all meeting locations.
- 17.4.4 The recordings' intended use is for **the sole purpose of** the OPALCO membership and shall not be used for **non-member or** commercial purposes.
- 17.4.5 Members **and guests** attending the board meeting acknowledge that they may be recorded.

## **17.5 RESPONSIBILITY**

- 17.5.1 The General Manager shall ensure that all OPALCO meetings that are open to the membership receive proper notice on the OPALCO website so that members are aware of when and where meetings are scheduled.
- 17.5.2 The Board President, presiding director, or any designee shall ensure that conduct is respectful and orderly and shall preserve decorum at any meeting of the Cooperative. Each director shall cooperate with the President in ensuring that meetings are conducted in a respectful and orderly fashion. Interrupting or disturbing any person while speaking is contrary to this policy.
- 17.5.3 Any behavior that is deemed to be disruptive, distracting or threatens the physical safety of a meeting participant or property of the Cooperative may lead to such participant being required to leave the premises where the meeting is occurring or **will be removed from a virtual meeting.** The President, presiding Director or designee shall make such determination.
- 17.5.4 Upon repeated violations of this policy, the President, presiding director or any designee may prohibit that individual from attending future meetings of the Cooperative, whether a formal meeting or other Co-op function. The duration of this prohibition shall be a maximum of three (3) months at the discretion of the President, presiding director or any designee based upon the severity and nature of the violation. The barred member may send written comments to the General Manager which may be presented during the subsequent Board meeting.



## COVID-19 Update

San Juan County has experienced a resurgence of cases due to the delta and omicron variants and recommends masking in public indoor places. OPALCO offices remain closed to the public and its members. Staff continue to work remotely or social distance. Masking up indoors in San Juan County businesses remains a requirement, vaccinated or not. The Omicron is two times more infectious. With the holidays and winter season, we must all return to greater precautions.

Find the latest Hot Topic from San Juan County:

<https://www.sanjuan.co/DocumentCenter/View/22942/Hot-Topic-49-Current-Update>

The latest COVID case count:

<https://sanjuanislander.com/news-articles/33655/dec-9-four-more-covid-19-cases-in-the-san-juan-islands>



## OPALCO COVID-19 Update (Figures are reported from March 20th, 2020 to the date of transmittal, unless otherwise stated)..

### COVID Assistance

Board Approved Funding includes all funding allocated for 2020 and 2021

	# of Accounts	Amount (\$)	Board Approved Funding (\$)	Remaining Budget (\$)
Energy Assist (EAP-C) Commercial COVID	118	148,613	200,000	51,387
Energy Assist (EAP) Residential COVID	95	44,209	100,000	55,791
Extend Project PAL Benefits - COVID	222	27,200	70,000	42,800
Grand Total	405	220,021	370,000	149,979

### Fee Assistance (Lost Revenue)

(Based on variance from collections comparing 2019 to 2020 for the period April 1st to Date)

Penalties	95,493
Reconnection Fees	6,932

#### Measures

Energy Assist (EAP-C) Commercial COVID

Energy Assist (EAP) Residential COVID

Extend Project PAL Benefits COVID

Penalties

Reconnection Fees

#### Benefit

\$67.57 per mo., based on number of meters on a commercial rate

Assistance ranges from \$31.41 to \$61.41, based on number of permanent household occupants

\$100

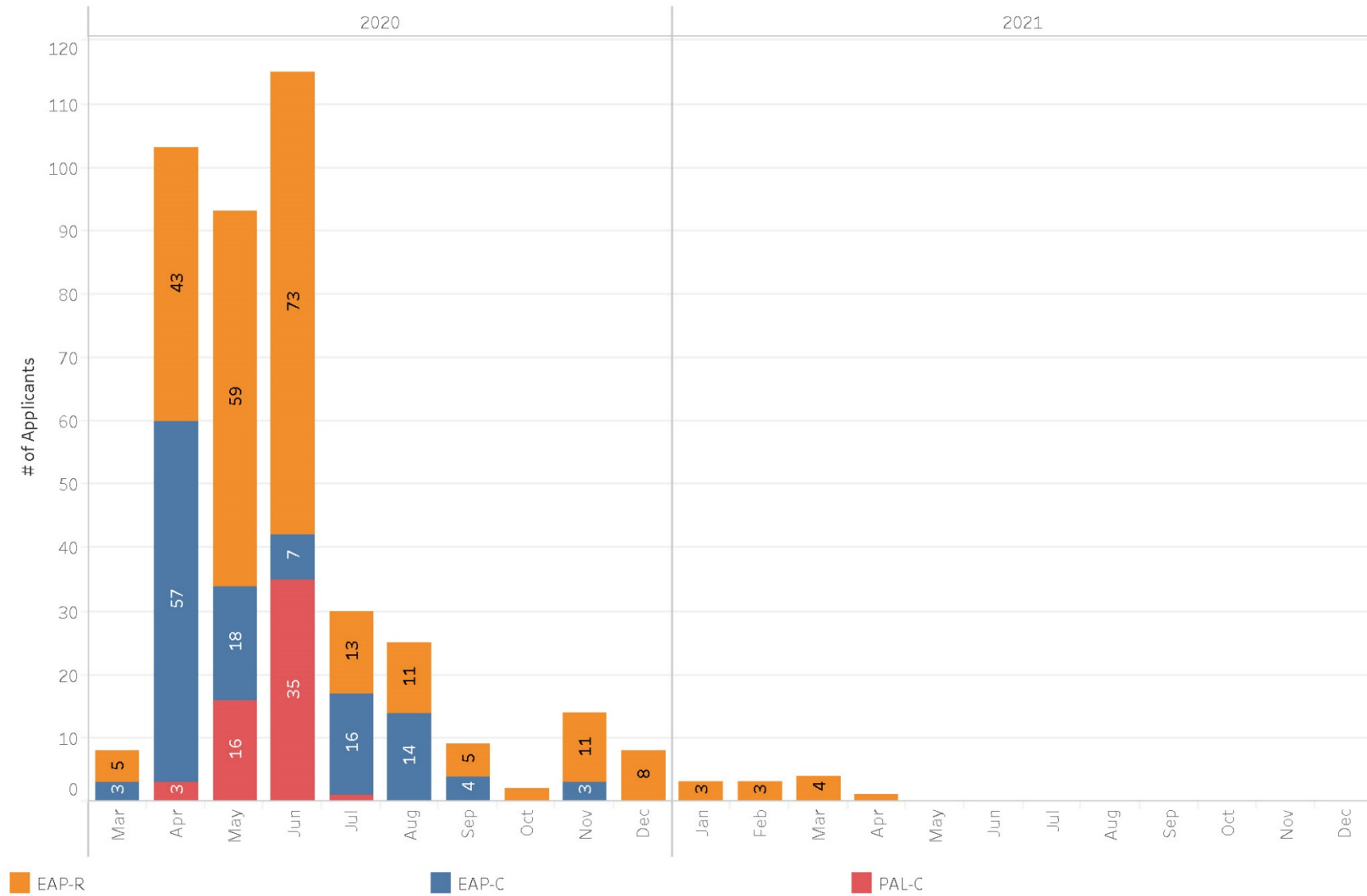
Waiving of late penalties (Normal penalties are 5% of the total balance post-due date)

Waiving of reconnect fees (Normal reconnect fee is \$50 per instance of reconnecting after a disconnect for non-payment)

### Member Donations to COVID-19 Relief Efforts

Staff will continue to communicate with members regarding the COVID-19 relief measures, including a request for donations. Staff continues to encourage members to donate to our PAL program.

## COVID-19 Assistance Applications



## A/R 30-60-90

- 30-day A/R is trending slightly higher.
- 60-day A/R is notably higher and stabilizing.
- 90-day A/R notably higher and stabilizing.
- We are seeing a flow through into the 90-day with a notable uptick on the 90-day accounts receivable. The lower usage profiles of the summer will aid in moderating this yet will become dramatic in the late fall. At this stage staff feels this is manageable through the summer and will revisit at the Q3.

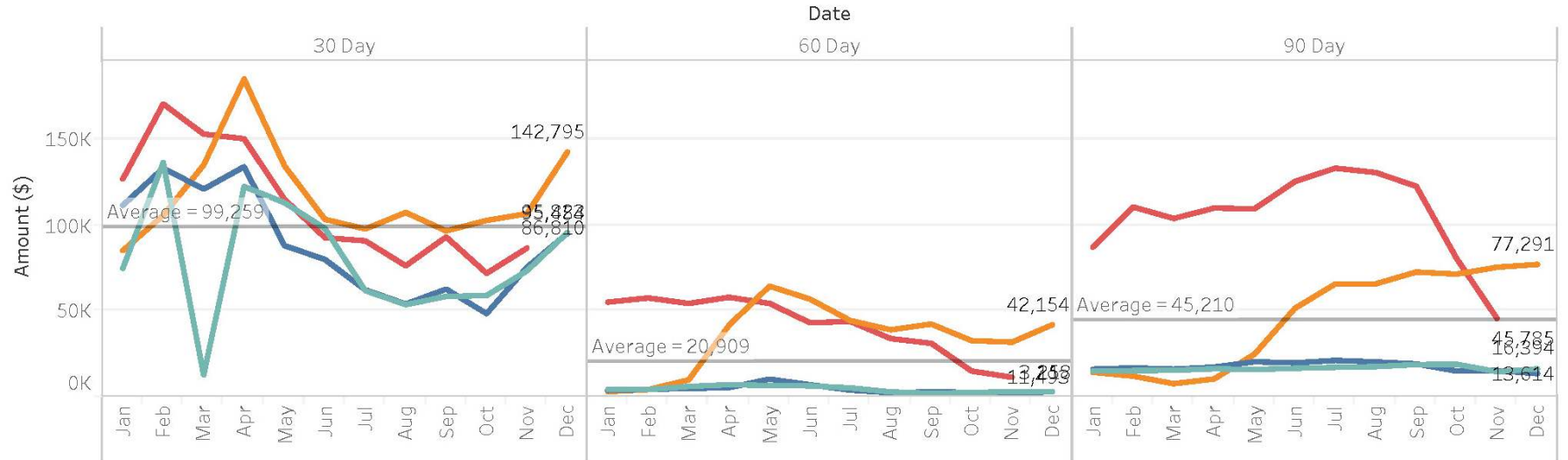
## Long Term AR Comparisons - 30/60 Day

	30 Day			30 Day % Difference			60 Day			60 Day % Difference		
	2019	2020	2021	2019	2020	2021	2019	2020	2021	2019	2020	2021
Jan	111,730	85,379	127,074	-23.58%	48.84%		3,837	3,101	55,338	-19.18%	1,684.60%	
Feb	133,447	105,886	170,874	-20.65%	61.37%		4,511	4,333	57,736	-3.93%	1,232.33%	
Mar	121,185	135,225	153,276	11.59%	13.35%		4,962	9,976	54,542	101.04%	446.76%	
Apr	134,240	185,370	150,556	38.09%	-18.78%		5,479	41,845	58,142	663.72%	38.95%	
May	88,272	134,798	115,334	52.71%	-14.44%		10,457	64,616	54,541	517.89%	-15.59%	
Jun	80,172	103,575	92,861	29.19%	-10.34%		7,126	57,091	43,314	701.17%	-24.13%	
Jul	62,481	97,956	91,044	56.78%	-7.06%		4,004	44,576	44,053	1,013.19%	-1.17%	
Aug	54,195	107,577	76,503	98.50%	-28.89%		2,543	39,191	34,029	1,441.27%	-13.17%	
Sep	62,931	96,832	93,309	53.87%	-3.64%		3,010	42,513	31,302	1,312.28%	-26.37%	
Oct	48,634	102,980	72,120	111.75%	-29.97%		2,725	32,868	15,118	1,106.30%	-54.00%	
Nov	75,636	106,860	86,810	41.28%	-18.76%		2,078	31,986	11,493	1,439.43%	-64.07%	
Dec	95,454	142,795		49.60%			3,218	42,154		1,209.94%		

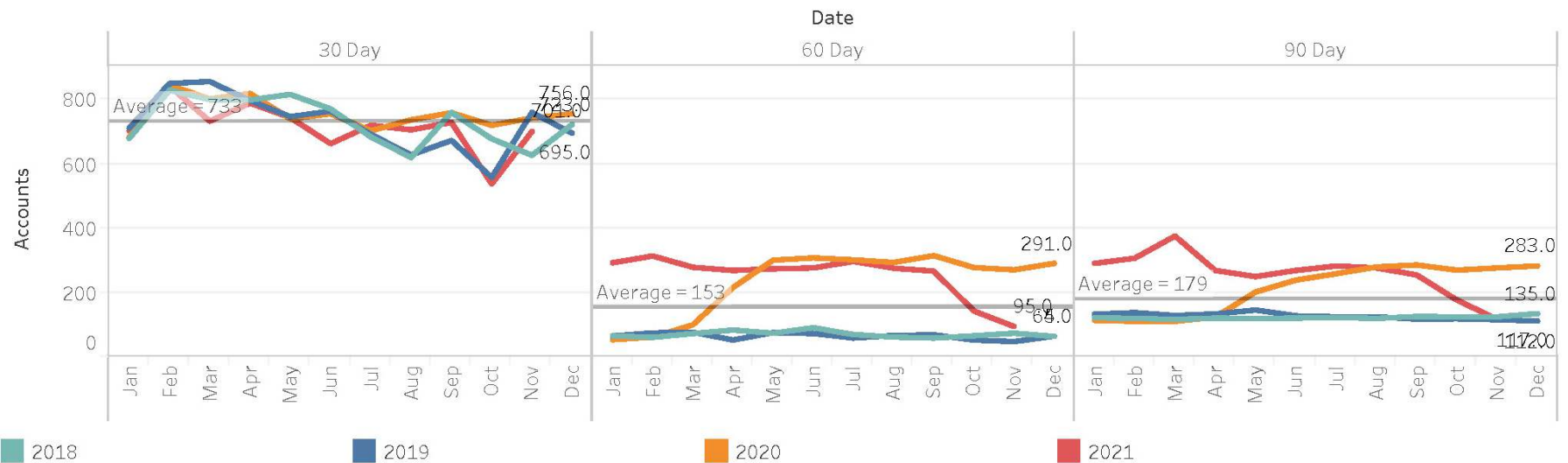
## Long Term AR Comparisons - 90 Day

	90 Day			90 Day % Difference		
	2019	2020	2021	2019	2020	2021
Jan	16,248	14,427	87,419	-11.21%		505.95%
Feb	16,995	12,166	110,764	-28.42%		810.45%
Mar	16,257	7,762	104,089	-52.25%		1,241.04%
Apr	17,451	10,546	110,135	-39.57%		944.38%
May	20,553	25,016	109,719	21.72%		338.59%
Jun	19,925	51,746	125,665	159.70%		142.85%
Jul	21,349	65,931	133,418	208.82%		102.36%
Aug	20,486	66,002	130,850	222.19%		98.25%
Sep	19,305	72,854	122,901	277.39%		68.69%
Oct	15,115	71,660	80,702	374.08%		12.62%
Nov	15,429	75,673	45,785	390.47%		-39.50%
Dec	13,614	77,291		467.75%		

## Long Term AR (\$)



## Long Term AR (Count)



2018

2019

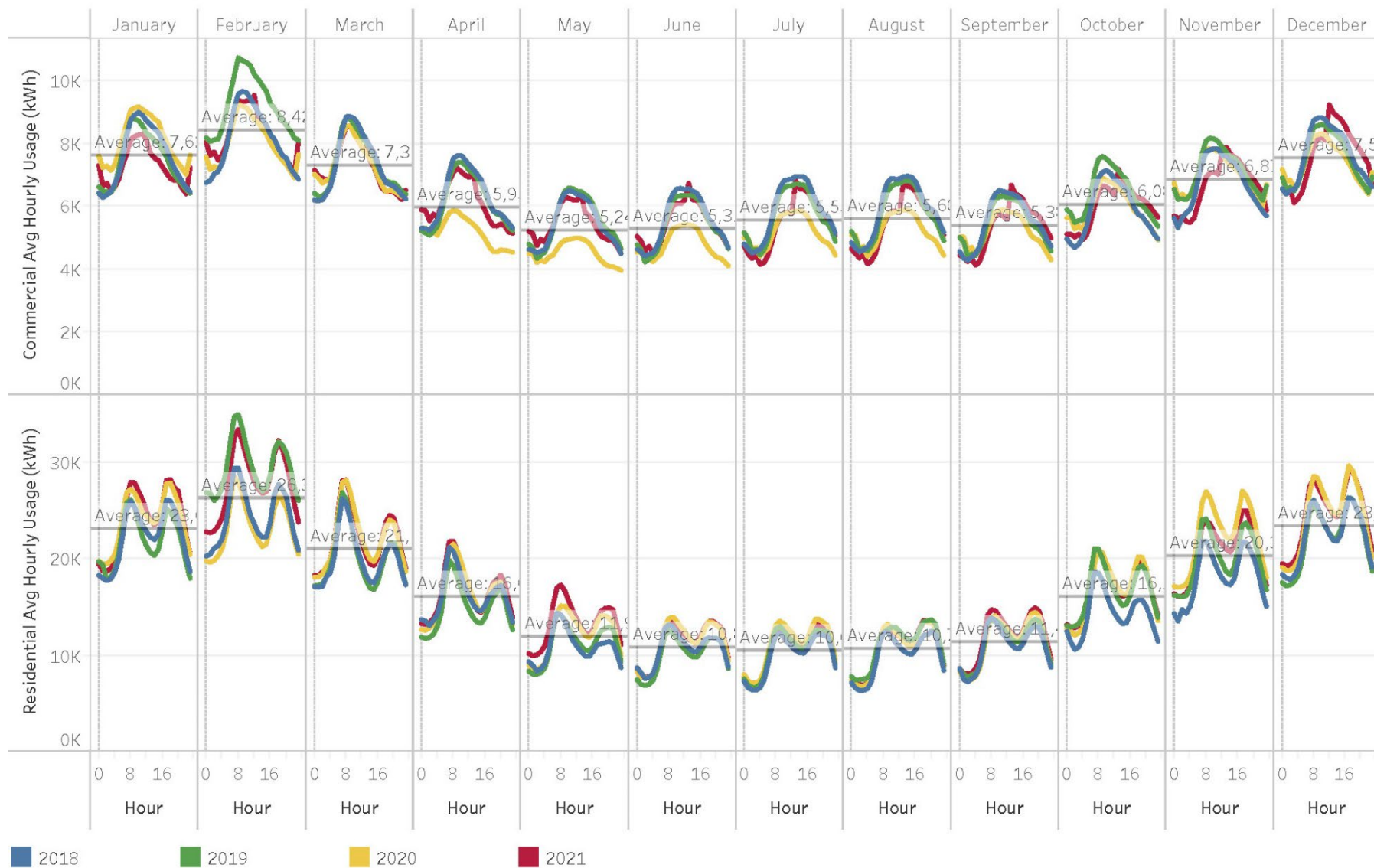
2020

2021



## Load Shape - Residential and Commercial

- Current reporting month is a partial data set.





# REPORTS

## General Manager

### DASHBOARDS

Please review the dashboards at <https://www.opalco.com/dashboards>. Note that all the dashboards are within board approved strategic parameters.

Finance	Member Services	Outage
Budget Variance	Disconnects	Historical SAIDI - Graph
TIER/Margin	Uncollectable Revenue	Historical SAIDI - Figures
Expense	PAL	Outage Stats – Rolling 12 Mo
Cash	EAP	Outage Stats – Monthly
Power Cost	Service Additions	SAIDI by Category
Purchased Power	Annual Service Additions	Outage Summary
Annual Power Metrics	Revenue Dist. By Rate	
Capital		
Debt/Equity		
WIP		
Income Statement Trends		

### ENGINEERING, OPERATIONS, AND INFORMATION TECHNOLOGIES

#### WIP

As of December 9, 2021, there are 420 work orders open totaling \$8.15M. Decatur Energy Storage System is \$1.5M of the balance. Operations has completed construction on 119 work orders, totaling \$2.1M.

#### Safety

John Spain of Northwest Safety Service conducted chainsaw safety training for operations and engineering staff. The total current hours worked without a loss time accident 135,870 hours.

#### Tidal

As a part of staff's ongoing conversations on tidal power, Orbital Marine, Pacific Northwest National Laboratory (PNNL), and OPALCO continue meetings for coordination of effort for the US DOE TEAMER grant, to Orbital and PNNL, and in preparation for the WA DOC grant for preliminary design. Staff expects the US DOE TEAMER report to be published by year end.

#### Grants

##### Washington Department of Commerce - Grid Modernization

- Decatur Battery Energy Storage System (ESS) (Grant \$1M) (partnered with PNNL) – PNNL anticipates completion of final report in December. Staff is waiting final documentation from the vendor for close of work efforts.
- San Juan Microgrid (Grant \$2.4M) (partnered with PNNL) – PNNL has completed initial analysis for hybrid storage to complete RDF development. HDR and staff are working towards a 60% design to allow the RFPs to be published to potential vendors.

- WA DOC CEF4 Grid Modernization Grants. OPALCO has received conditional award of the following projects. This conditional award awaits the negotiation of contracts with WA DOC and final approval to proceed.
  - San Juan Islands Tidal Generation Design (Phase 1 – Preliminary Design) – Scoping for WA DOC contract is underway.
  - Friday Harbor Ferry Electrification Design (Phase 1 – Preliminary Design) – Scoping for WA DOC contract is underway.
  - Orcas Biomass (Phase 2 – Detailed Design) – On hold until contracting for prior projects have been completed.

#### **Washington Department of Commerce – Clean Energy Fund 3 Solar (partnered with PNNL)**

- Low-Income Community Solar Deployment (Grant \$1M) – RFP is 60% complete. Staff anticipates publishing to vendors in Q1 2022.

#### **US Forest Service (minor in-kind efforts only)**

- Biomass Generation with Biochar (60% Design Grant \$72,835) – Contracts negotiation in progress.

## **FINANCE**

### **2021 Budget Tracking**

Energy (kWh) purchases and sales were higher than budgeted through November 2021. Overall, gross revenue surpassed budget by ~\$1.6M, largely driven by increased kWh sales. This amount was curtailed by the ECA in the amount of \$748k (\$210k related to December 2020, one month billing lag) resulting in a net sales revenue variance of +\$895k through November. Power cost is \$498k under budget despite higher kWh purchases due to a lower cost/kWh than budgeted. The table presents full year 2021 projection with actuals through October & November where available.

Income Statement Summary (in thousands)	2021 Projection (actuals for prior months)		
	Budget	Projected	Variance
Operating Revenue	\$ 31,454	\$ 33,097	\$ 1,643
ECA Surcharge / (Credit)*	\$ -	\$ (748)	\$ (748)
Revenue	\$ 31,454	\$ 32,349	\$ 895
Expenses:			
Cost of Purchased Power	\$ 9,735	\$ 9,237	\$ (498)
Transmission & Distribution Expense	6,798	6,558	(240)
General & Administrative Expense	5,449	5,248	(201)
Depreciation, Tax, Interest & Other	8,698	8,396	(302)
Total Expenses	30,680	29,439	(1,241)
Operating Margin	774	2,910	2,136
Non-op margin	243	2,063	1,820
Net Margin**	1,017	\$ 4,973	3,956
OTIER	1.38	2.44	1.06
TIER	1.50	3.46	1.96
Equity %	35.8%	38.3%	2.5%
HDD	1,398	1,346	(52)
kWh Purchases	216,000	221,520	5,520
kWh Sales	203,260	213,784	10,524

\* The ECA returned \$748k to members in the form of bill credits through Nov 2021

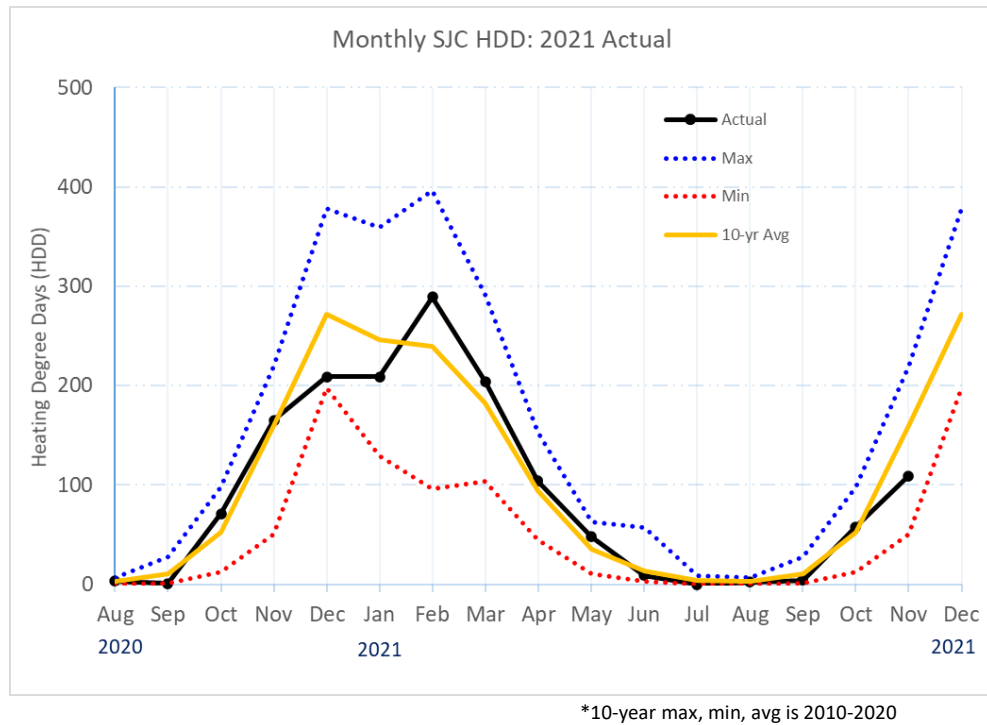
\*\* PPP Loan forgiveness recognized as non-operating revenue in Sept '21

### Monthly ECA

The calculated amount for the November ECA was a bill credit of (\$.003447) per kWh which returned \$68,696 to members, or \$3.45 per 1,000 kWh. The December billing period ECA is projected to be a bill credit of (\$.023160) per kWh.

### Heating Degree Days (HDD)

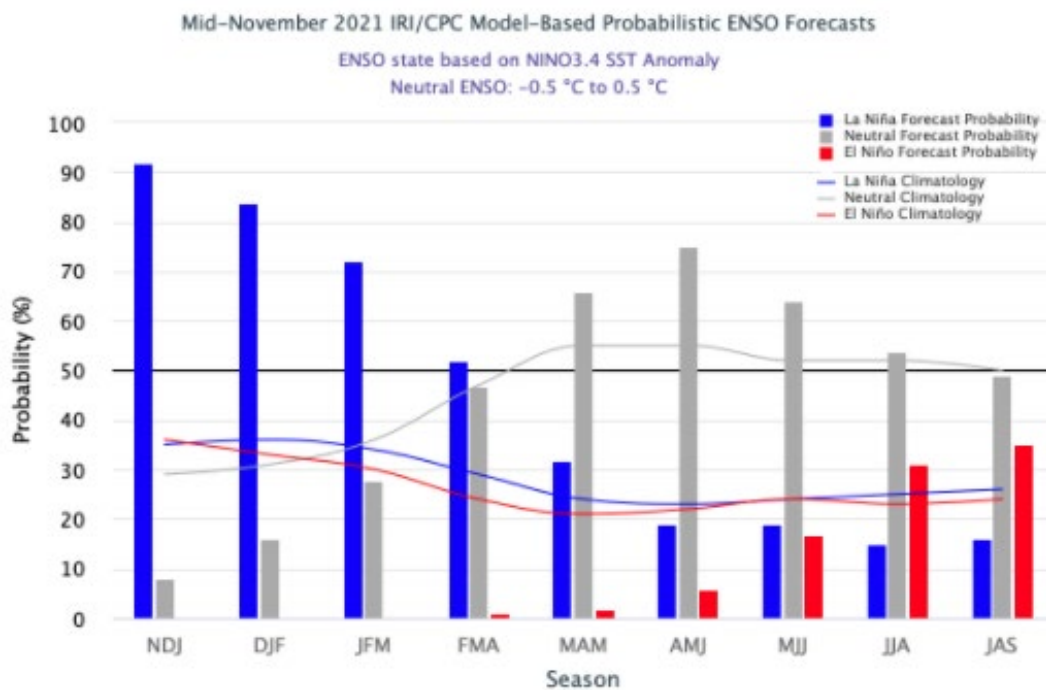
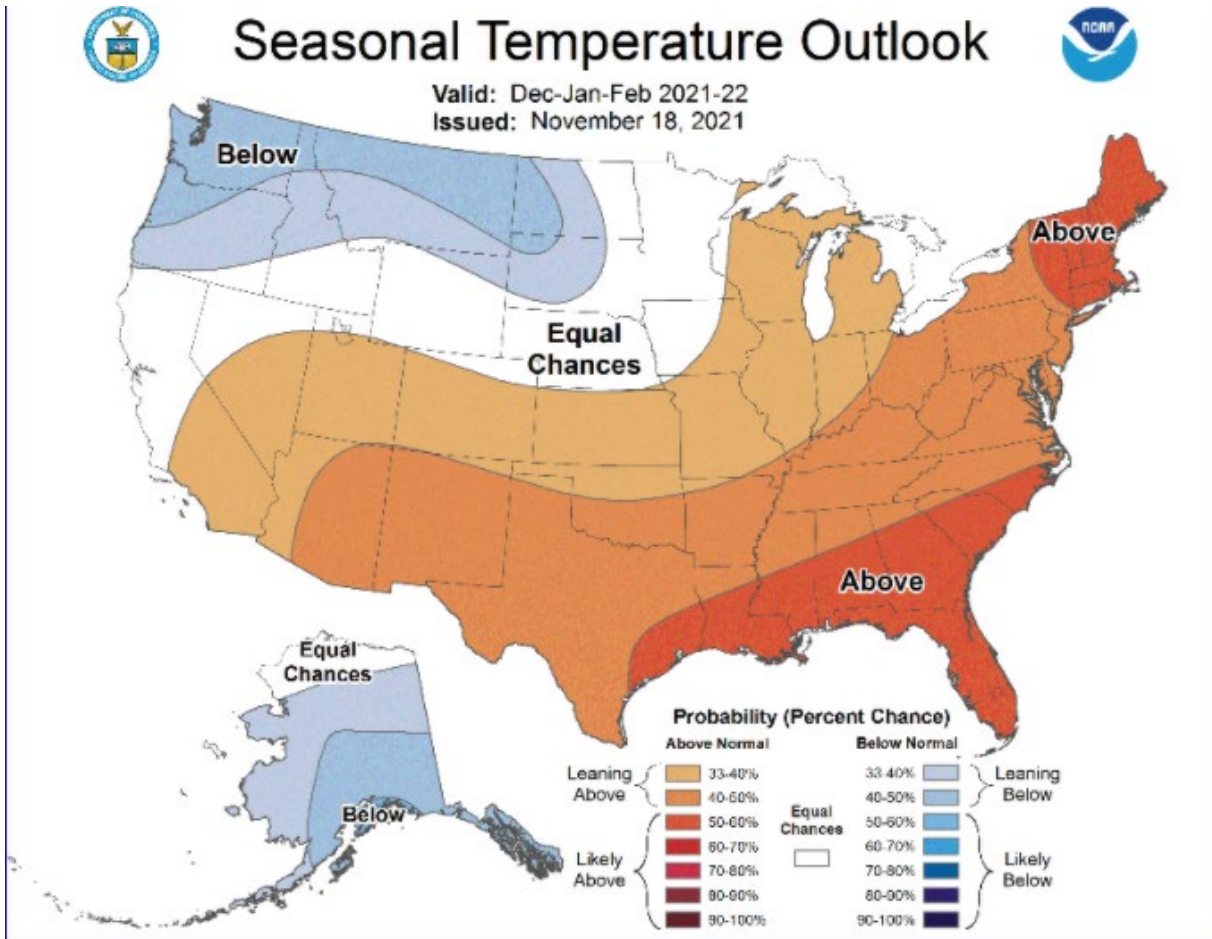
January 2021 began trending more towards an El Niño pattern though this flipped in February and March 2021 as HDDs came in above historical averages for the months. November came in slightly warmer than the historic average.



### Weather Forecast

Looking ahead to the NOAA 'three-month outlook temperature probability' for Dec-Jan-Feb 2021 – 22, the outlook has shifted to 'likely below' normal temperatures in our region for the winter. We continue to monitor these predictors monthly.

### 2021-22 Dec-Jan-Feb Outlook



Source: NOAA National Weather Service

## MEMBER SERVICES

### Annual History of Energy Assistance Funding

		2014	2015	2016	2017	2018	2019	2020	2021	Grand Total
Energy Assist Credit	# of Accounts			241	407	444	460	574	561	967
	Total Assistance			29,151	81,957	111,996	135,595	158,434	144,836	661,969
PAL	# of Accounts	180	226	228	217	212	205	329	321	950
	Total Assistance	31,560	46,345	46,885	48,833	45,155	53,137	80,975	89,230	442,121
EAP Residential - COVID	# of Accounts							88	71	95
	Total Assistance							21,535	22,674	44,209
EAP Commercial - COVID	# of Accounts							107	95	118
	Total Assistance							73,340	75,273	148,613
PAL - COVID	# of Accounts							131	122	222
	Total Assistance							15,000	12,200	27,200

*Note: EAP funds are collected, primarily, from a program OPALCO created by including a line item on all OPALCO member bills. Additional funds are directed to the EAP from the Decatur Solar Project (10% of all production credits). In 2020/2021, additional funds (not included in this chart) were paid out to members who were impacted by COVID. When the Bailer Hill Microgrid Projects comes online, up to 45% of its production will be directed to EAP. The “# of Accounts” are the distinct accounts assistance was provided to over the year or as a total. The “Total Assistance” many vary based on single account adjustments.*

**EAP:** During November 2021, 349 members received ~\$13k from the low-income Energy Assist program, compared to 379 members who received ~\$14.1k in assistance in November 2020.

**Project PAL:** During November 2021, 72 Members received ~ \$15.7K in Community/Family Resource Center Awards.

**Covid Project PAL:** Ended in October 2021.

**T-RAP:** Treasury funds for Rental Assistance and Utilities continue to be available through 2022.

### Switch it Up!

There are now 210 projects complete and billing for a total of \$1.81M outstanding. There are another 29 projects in various stages of the process. Some projects have been delayed as residential contractors have been limited by COVID-19.

### Energy Savings

There were 14 rebates paid out to members totaling \$11.3k. This includes 1 fuel switching ductless heat pump rebates and 2 EV charging station rebates.

### Member Benefits from Energy Efficiency and Fuel Switching Programs:

		2014	2015	2016	2017	2018	2019	2020	2021 (Nov)
EE Rebates*	# of Accounts	490	524	266	155	264	442	303	164
	Total Awards	\$367,552	\$359,835	\$146,601	\$84,809	\$161,262	\$228,418	\$167,432	\$121,116
Switch It Up**	# of Accounts						72	87	65
	Total Financed						\$684,900	\$687,589	\$664,800

		Totals
EE Rebates*	# of Accounts	2,608
	Total Awards	\$1,637,024



Switch It Up**	# of Accounts	224
	Total Financed	\$2,037,289
Total		<b>\$3,674,313</b>

*\*BPA includes the cost of the Conservation (Rebate) program in the power bills that OPALCO pays. When members utilize the rebates and OPALCO documents it, the Co-op then gets credited back that amount. In essence, we are overbilled for the rebate program and only get credited if members utilize the rebates. OPALCO is unique in the pool of BPA utilities for consistently using all or most of the available conservation dollars in this program. We have often used conservation funds allocated to other Co-ops that they were unable to use through their member rebate programs.*

*\*\*Funds for the Switch it Up! Program come from the USDA Rural Energy Savings Program for relending to members. OPALCO charges 2% interest to cover administrative costs for members financing projects with these funds; there is no impact to member rates.*

## Solar Programs

### Solar Interconnects

There were six new interconnect applications submitted in November, five members were interconnected with solar for a total of 500 (<https://energysavings.opalco.com/member-generated-power/>). There are an additional 24 pending connection.

### Community Solar

During the November 2021 billing cycles, the [Decatur Community Solar](#) array produced 15,920 kWh. A total of ~\$1,193 was distributed to 266 accounts.

### Solar Benefits Paid to Members

		2014	2015	2016	2017	2018	2019	2020	2021 (Nov)
Comm Solar	# of Accounts							265	265
	Total Payments							\$50,688	\$40,997
WA State Incentives*	# of Accounts	136	162	171	197	268	256	259	58
	Total Payments	\$100,425	\$100,000	\$114,037	\$125,635	\$167,971	\$224,766	\$218,222	\$91,461
MORE**	# of Accounts	104	132	147	149	145	144	144	140
	Total Payments	\$58,451	\$50,674	\$52,587	\$53,259	\$54,173	\$53,109	\$51,897	\$50,896

		Totals
Comm Solar	Total Payments	\$91,665
WA State Incentives*	Total Payments	\$1,142,517
MORE**	Total Payments	\$425,046
Total		<b>\$1,659,228</b>

*\*The funds paid out to members for the Washington State Incentives are included in OPALCO's state tax bill and then credited when paid out to members.*





*\*\*The MORE (Member Owned Renewable Energy) program closed to new participants in 2016. Members purchased “green leaves” of renewable power to support local solar producers. OPALCO fully supported this voluntary member program until member interested died out.*

## COMMUNICATIONS

### 2022 Election

The Elections and Governance Committee (EGC) is now accepting candidates for the 2022 election. There will be three positions open: one position in District 1 (San Juan, Brown, Henry, Pearl and Spieden islands), one position in District 3 (Lopez, Decatur, Center and Charles islands, and one position in District 4 (Shaw, Bell, Canoe and Crane islands). Interested candidates can find out how to apply at [www.opalco.com/why-run](http://www.opalco.com/why-run). A perspective candidate open house will take place January 6<sup>th</sup> at 5 pm via Zoom with staff and EGC to answer questions.

### Capital Credit Distribution

In December, capital credit checks are being sent out to members who were active in 1996, plus some from 1997. This year’s capital credit distribution total is over \$1M to more than 5000 co-op members. The check amounts range from \$5 to thousands (for big energy users like grocery stores); most checks are for between \$50 – 250. Some members donate their capital credits to Project PAL to help those in need of assistance during the winter heating season. To find out more, contact Member Services at 360-376-3500.

### OPALCO’s Clean Energy Implementation Plan (CEIP) (see Appendix)

All utilities in Washington are required to submit a CEIP to the Department of Commerce on January 1, 2022. This compliance form demonstrates how the utility will meet the standards established under RCW 19.405.040(1) and 19.405.050(1). Members can review the form in the December board materials; comments and questions are welcome at the beginning of the meeting on December 16, 2021. Please note that this form records basic standards for compliance and does not include the details of goals, activities, programs or policies for how the utility will grow its energy efficiency and renewable energy programs: those details are contained in each utility's Integrated Resource Plan. Read OPALCO's Integrated Resource Plan online at: <https://www.opalco.com/wp-content/uploads/2019/11/OPALCO-2020-2040-IRP-R16.pdf>.

One of the rules Commerce is implementing with CETA is to make the transition away from carbon equitable for low-income households. OPALCO’s service territory does not meet the definition for “highly impacted communities per RCW 19.405.020(23)”; this rule is largely in place for more urban areas where environmental health disparities exist. OPALCO is addressing the issue of equity by dedicating 45% of solar production from the 2022 Bailer Hill Microgrid Project to go directly into Energy Assist, which provides monthly bill credits to qualified low-income members. The Decatur Microgrid Project directs 10% of its production to Energy Assist.

### Media Release: OPALCO Rates and Budget

The following was submitted to local media outlets updating the membership on the 2022 Budget and the November 2021 Board Meeting.

## Rate Updates and New Programs from OPALCO - Coming in 2022



The November OPALCO Board Meeting included several changes for cooperative members including a 4% rate increase for all members, a change to the way solar producers get paid for the excess power they sell back to the co-op, and exciting additions to the Switch It Up! program including rooftop solar and battery storage systems.

The 2022 OPALCO annual budget was approved and included a 4% rate increase. Due to COVID, OPALCO did not increase rates in 2021 but must resume a normal schedule of rate increases to keep up with inflation, the rising cost of power and labor, and to manage the Co-op's equity position. The Co-op uses equity to borrow federal funds for major capital projects, like the submarine cable replacements that are scheduled in the next 10-20 years. Starting in 2022, members may also notice a \$2 convenience fee for credit card transactions which will help lower operating costs (and keep rates down).

After six months of board discussion and consideration of member feedback on both sides of the issue, OPALCO's Board of Directors approved a new tariff and policy that will change the structure of how OPALCO buys back excess power from members who generate their own power. Local solar producers will see a credit in dollars on their bill each month for excess power production and the surplus is banked on their power bill (instead of banking kWh credits). The rate OPALCO pays for their excess production will be \$0.0849/kWh (for 2022 the tariffs will include a 4% increase). The new tariff goes into effect on January 1, 2022, and existing solar producers can remain on the legacy rate by letting OPALCO know by June 30, 2022.

Since 2014, OPALCO has facilitated ~\$1.6M in solar benefits to cooperative members through various programs. "When the power goes out on the mainland, OPALCO benefits tremendously from locally generated power and battery back-up," said General Manager Foster Hildreth. "It's HOW we support it that has to change: we'll support solar through programs and not in the rates themselves."

At the 2022 Annual Meeting (April 30<sup>th</sup>), OPALCO will roll out new Switch it Up! funds that will offer members the chance to finance solar and battery storage projects on their power bills. Switch it Up! gives members access to USDA Rural Energy Savings Program funds at 2% interest. Members in good standing can get projects installed with no money down, which removes a significant barrier to rooftop solar for many members. In addition, the Board directed staff to create a new voluntary member program to support access to the benefits of solar for low-income member households. Staff will host energy roundtable sessions in the new year to start that process.

As part of the Island Way campaign, we will be offering in-depth discussions and opportunities for members to participate in how OPALCO's rates will be changing over the next ten years. As the region transitions to a new era of renewable power generation and a carbon-free future there will be big changes within the energy industry. There is a fundamental flaw in the way utilities currently collect revenue: it depends heavily on selling power to cover our operational costs. We are facing a paradigm shift with widespread adoption of energy efficiency measures, conservation and local power production and must change our rate structures to keep covering the cost to deliver power outside of kWh sales.

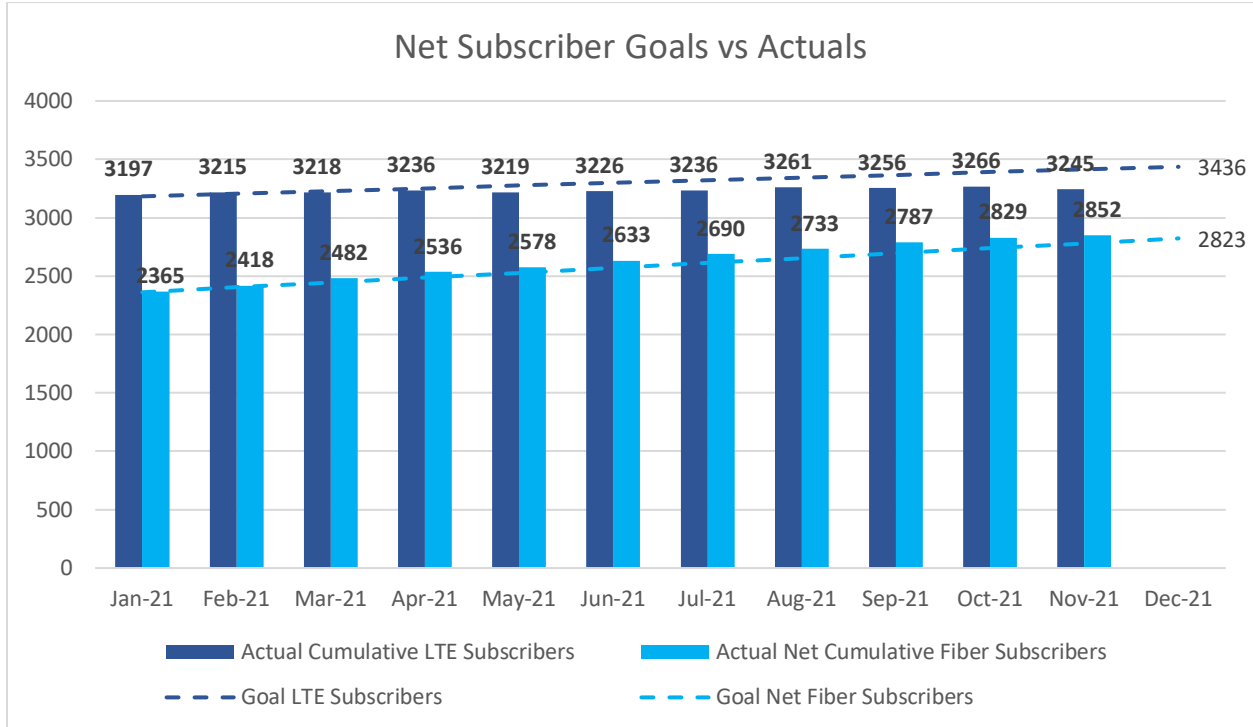
For the full presentation on the 2022 Budget Report, solar rates, and an appendix of member feedback received, check out the November board materials online: <https://www.opalco.com/wp-content/uploads/2021/11/November-2021-Board-Materials.pdf>. Staff are available to answer questions at [communications@opalco.com](mailto:communications@opalco.com).



## Rock Island Snapshot

6,362 Internet Service Customers

### Net Subscribers 2021



### Revenues



❖ Oct revenues are not closed and subject to change.

# APPENDIX

## OPALCO's Clean Energy Implementation Plan (CEIP)

Clean Energy Transformation Act, **Clean Energy Implementation Plan**  
Publish: August 12, 2021

Deadline: January 1, 2022

Submission: Email this workbook and all supporting documentation to [CETA@commerce.wa.gov](mailto:CETA@commerce.wa.gov)

Questions: Glenn Blackmon, Sarah Vorpahl, Austin Scharff, State Energy Office, [CETA@commerce.wa.gov](mailto:CETA@commerce.wa.gov)

Enter information in green fields.  
Do not modify blue-shaded fields.



### RCW 19.405.060

#### Clean energy implementation plan—Compliance criteria—Incremental cost of compliance.

(2)(a) By January 1, 2022, and every four years thereafter, each consumer-owned utility must develop and submit to the department a four-year clean energy implementation plan for the standards established under RCW 19.405.040(1) and 19.405.050(1) that: (i) Proposes interim targets for meeting the standard under RCW 19.405.040(1) during the years prior to 2030 and between 2030 and 2045, as well as specific targets for energy efficiency, demand response, and renewable energy; (ii) Is informed by the consumer-owned utility's clean energy action plan developed under RCW 19.280.030(1) or other ten-year plan developed under RCW 19.280.030(5); (iii) is consistent with subsection (4) of this section; and (iv) identifies specific actions to be taken by the consumer-owned utility over the next four years, consistent with the utility's long-range resource plan and resource adequacy requirements, that demonstrate progress towards meeting the standards under RCW 19.405.040(1) and 19.405.050(1) and the interim targets proposed under (a)(i) of this subsection. The specific actions identified must be informed by the consumer-owned utility's historic performance under median water conditions and resource capability and by the consumer-owned utility's participation in centralized markets. In identifying specific actions in its clean energy implementation plan, the consumer-owned utility may also take into consideration any significant and unplanned loss or addition of load it experiences.

(b) The governing body of the consumer-owned utility must, after a public meeting, adopt the consumer-owned utility's clean energy implementation plan. The clean energy implementation plan must be submitted to the department and made available to the public. The governing body may adopt more stringent targets than those proposed by the consumer-owned utility and periodically adjust or expedite timelines if it can be demonstrated that such targets or timelines can be achieved in a manner consistent with the following: (i) Maintaining and protecting the safety, reliable operation, and balancing of the electric system; (ii) Planning to meet the standards at the lowest reasonable cost, considering risk; (iii) Ensuring that all customers are benefiting from the transition to clean energy; Through the equitable distribution of energy and nonenergy benefits and reduction of burdens to vulnerable populations and highly impacted communities; long-term and short-term public health and environmental benefits and reduction of costs and risks; and energy security and resiliency; and (iv) Ensuring that no customer or class of customers is unreasonably harmed by any resulting increases in the cost of utility-supplied electricity as may be necessary to comply with the standards.

(3)(a) An investor-owned utility must be considered to be in compliance with the standards under RCW 19.405.040(1) and 19.405.050(1) if, over the four-year compliance period, the average annual incremental cost of meeting the standards or the interim targets established under subsection (1) of this section equals a two percent increase of the investor-owned utility's weather-adjusted sales revenue to customers for electric operations above the previous year, as reported by the investor-owned utility in its most recent commission basis report. All costs included in the determination of cost impact must be directly attributable to actions necessary to comply with the requirements of RCW 19.405.040 and 19.405.050.

(b) If an investor-owned utility relies on (a) of this subsection as a basis for compliance with the standard under RCW 19.405.040(1), then it must demonstrate that it has maximized investments in renewable resources and nonemitting electric generation prior to using alternative compliance options allowed under RCW 19.405.040(1)(b).

(4)(a) A consumer-owned utility must be considered to be in compliance with the standards under RCW 19.405.040(1) and 19.405.050(1) if, over the four-year compliance period, the average annual incremental cost of meeting the standards or the interim targets established under subsection (2) of this section meets or exceeds a two percent increase of the consumer-owned utility's retail revenue requirement above the previous year. All costs included in the determination of cost impact must be directly attributable to actions necessary to comply with the requirements of RCW 19.405.040 and 19.405.050.

(b) If a consumer-owned utility relies on (a) of this subsection as a basis for compliance with the standard under RCW 19.405.040(1), and it has not met eighty percent of its annual retail electric load using electricity from renewable resources and nonemitting electric generation, then it must demonstrate that it has maximized investments in renewable resources and nonemitting electric generation prior to using alternative compliance options allowed under RCW 19.405.040(1)(b).

(5) The commission, for investor-owned utilities, and the department, for consumer-owned utilities, must adopt rules establishing the methodology for calculating the incremental cost of compliance under this section, as compared to the cost of an alternative lowest reasonable cost portfolio of investments that are reasonably available.

### WAC 194-40-200

#### Clean energy implementation plan.

(1) **Specific actions.** Each utility must identify in each CEIP the specific actions the utility will take during the next interim performance period or GHG neutral compliance period to demonstrate progress toward meeting the standards under RCW 19.405.040(1) and 19.405.050(1) and the interim targets under subsection (2) of this section and the specific targets under subsection (3) of this section. Specific actions must be consistent with the requirements of RCW 19.405.060 (2)(a)(iv).

(2) **Interim target.** The CEIP must establish an interim target for the percentage of retail load to be served using renewable and nonemitting resources during the period covered by the CEIP. The interim target must demonstrate progress toward meeting the standards under RCW 19.405.040(1) and 19.405.050(1), if the utility is not already meeting the relevant standard.

(3) **Specific targets.** The CEIP must establish specific targets, for the interim performance period or GHG neutral compliance period covered by the CEIP, for each of the following categories of resources:

(a) **Energy efficiency.** (i) The CEIP must establish a target for the amount, expressed in megawatt-hours of first-year savings, of energy efficiency resources expected to be acquired during the period. The energy efficiency target must comply with WAC 194-40-330(1). (ii) A utility may update its CEIP to incorporate a revised energy efficiency target to match a biennial conservation target established by the utility under RCW 19.285.040 (1)(b) and WAC 194-37-070.

(b) **Demand response resources.** The CEIP must specify a target for the amount, expressed in megawatts, of demand response resources to be acquired during the period. The demand response target must comply with WAC 194-40-330(2).

(c) **Renewable energy.** The utility's target for renewable energy must identify the quantity in megawatt-hours of renewable electricity to be used in the period.

(4) **Specific actions to ensure equitable transition.** To meet the requirements of RCW 19.405.040(8), the CEIP must, at a minimum:

(a) Identify each highly impacted community, as defined in RCW 19.405.020(23), and its designation as either: (i) A community designated by the department of health based on cumulative impact analyses; or (ii) A community located in census tracts that are at least partially on Indian country.

(b) Identify vulnerable populations based on the adverse socioeconomic factors and sensitivity factors developed through a public process established by the utility and describe and explain any changes from the utility's previous CEIP, if any;

(c) Report the forecasted distribution of energy and nonenergy costs and benefits for the utility's portfolio of specific actions, including impacts resulting from achievement of the specific targets established under subsection (3) of this section. The report must: (i) Include one or more indicators applicable to the utility's service area and associated with energy benefits, nonenergy benefits, reduction of burdens, public health, environment, reduction in cost, energy security, or resiliency developed through a public process as part of the utility's long-term planning, for the provisions in RCW 19.405.040(8); (ii) Identify the expected effect of specific actions on highly impacted communities and vulnerable populations and the general location, if applicable, timing, and estimated cost of each specific action. If applicable, identify whether any resource will be located in highly impacted communities or will be governed by, serve, or otherwise benefit highly impacted communities or vulnerable populations in part or in whole; and (iii) Describe how the specific actions in the CEIP are consistent with, and informed by, the utility's longer-term strategies based on the analysis in RCW 19.280.030 (1)(k) and clean energy action plan in RCW 19.280.030(1)(i) from its most recent integrated resource plan, if applicable.

(d) Describe how the utility intends to reduce risks to highly impacted communities and vulnerable populations associated with the transition to clean energy.

(5) **Use of alternative compliance options.** The CEIP must identify any planned use during the period of alternative compliance options, as provided for in RCW 19.405.040 (1)(b).

(6) The CEIP must be consistent with the most recent integrated resource plan or resource plan, as applicable, prepared by the utility under RCW

19.280.030.

(7) The CEIP must be consistent with the utility's clean energy action plan developed under RCW 19.280.030(1) or other ten year plan developed under RCW 19.280.030(5).

(8) The CEIP must identify the resource adequacy standard and measurement metrics adopted by the utility under WAC 194-40-210 and used in establishing the targets in its CBP. (9) If the utility intends to comply using the two percent incremental cost approach specified in WAC 194-40-230, the CBP must include the information required in WAC 194-40-230(3) and, if applicable, the demonstration required in WAC 194-40-350(2).

(10) Any utility that is not subject to RCW 19.280.030(1) may meet the requirements of this section through a simplified reporting form provided by commerce.

Utility name: Orcas Power & Light Cooperative  
 Report date: TBD  
 Contact name/Dept: Suzanne Olson  
 Phone: 360-317-7203  
 Email: [solson@opalco.com](mailto:solson@opalco.com)  
 Web address of [www.opalco.com](http://www.opalco.com)  
 published CEIP:  
 Small utility: Yes

A small utility is a utility that is not required by RCW 19.280.030(1) to prepare an integrated resource plan.

Orcas Power & Light Cooperative (OPALCO)

Interim target: Percentage of retail load to be served using renewable and nonemitting resources (WAC 194-40-200(2))

Resource	2022	2023	2024	2025	4-year Period
Renewable	0%	0%	0%	0%	0%
Nonemitting	0%	0%	0%	0%	0%
Total	0%	0%	0%	0%	80%

[Small utilities may enter a single value in cell G6 and leave the remaining cells blank.]

Describe how the target demonstrates progress toward meeting the 2030 and 2045 CETA standards (WAC 194-40-200(2)). This section is not required if the value in cell G6 is 80% or greater:

N/A

Specific targets (WAC 194-40-200(3)):

Resource	Amount	
Energy Efficiency	2,907	MWh to be acquired over the interim performance period (measured in first-year savings)
Renewable energy	645,526	MWh to be used during the interim performance period
Demand response	0	MW to be acquired over the interim performance period

Identify and describe the specific actions the utility will take over the next interim performance period to demonstrate progress toward meeting the utility's interim targets and the 2030 GHG neutral and 2045 clean electricity standard (WAC 194-40-200(1)):	
Specific action proposed	Description of how the action demonstrates progress toward meeting interim targets and the standards
Work on post-2028 contract with BPA	Establish power supply product for the next period of contracts, likely past 2030 but not likely to extend all the way through 2045.

Orcas Power & Light Cooperative

**Highly impacted communities (WAC 194-40-200(4))**

Report each Highly Impacted Community in the table below.

Highly Impacted Community is defined in RCW 19.405.020(23) as:

(23) "Highly impacted community" means a community designated by the department of health based on cumulative impact analyses in RCW 19.405.140 or a community located in census tracts that are fully or partially on "Indian country" as defined in 18 U.S.C. Sec. 1151.

Department of Health has designated Highly Impacted Communities as those ranking 9 or 10 on the Environmental Health Disparities map. Visit the Department of Health website for instructions on how to identify Highly Impacted Communities:

<https://www.doh.wa.gov/DataandStatisticalReports/WashingtonTrackingNetworkWTN/ClimateProjections/CleanEnergyTransformationAct/CETAUtilityInstructions>

**NONE IDENTIFIED**

Census Tract (enter 11 digit FIPS code)	County Name	Tribal Lands (Yes/No)	Environmental Health Disparities Topic Rank

Orcas Power & Light Cooperative

**Vulnerable populations (WAC 194-40-200(4))**

Please list all indicators developed through a public process and used to identify Vulnerable Populations based on the definition in RCW 19.405.020(40):

(40) "Vulnerable populations" means communities that experience a disproportionate cumulative risk from environmental burdens due to:

(a) Adverse socioeconomic factors, including unemployment, high housing and transportation costs relative to income, access to food and health care, and linguistic isolation; and

(b) Sensitivity factors, such as low birth weight and higher rates of hospitalization

Indicator	Details	Source	Date Last Updated	Approximate number of households in service territory (if applicable)
Ex. COVID cases	Cases by race and ethnicity	Department of Health COVID-19 data dashboard	2021	1,000
Low Income	Households qualified for Medicaid based on income below threshold of \$35,245 (gross income)	ESRI demographic data	Aug-21	2,147
Energy Burden	baseline: annual average income/average residential bill = < 3%	Form 7, ESRI demograph	21-Aug	

Describe and explain any changes to the indicator from the utility's previous CEIP, if any:

N/A - first CEIP



### Orcas Power & Light Cooperative

Distribution of energy and non-energy costs and benefits (WAC 194-40-200(4))

Please report one or more indicators, developed through a public process, and used to identify the forecasted distribution of energy and non-energy costs and benefits for the utility's portfolio of specific actions, including impacts resulting from achievement of the specific targets established under WAC 194-400-200(3).

Indicator must be associated with one of the following categories: energy benefits, non-energy benefits, reduction of burdens, public health, environment, reduction in cost, energy security, or resiliency.

Category	Indicator	Details	Source	Date Last Updated
Ex. Resiliency	Number of outages in utility census tracts	Use SAIDI, CAIDI and SAIFI data geolocated across service territory	Utility data	2021
Public Health	Number of Days with AQI >150	4	Northwest Clean Air Agency for Oak Harbor, WA (no local data available)	2020
Resiliency	Number of hours without power	222 hour/yr	SAIDI	2020

Please report the forecasted distribution of energy and non-energy costs and benefits on identified highly impacted communities and vulnerable populations for the utility's portfolio of specific actions, including impacts resulting from achievement of the specific targets established under WAC 194-40-200(3). You must do a separate row for each action and for each population affected.

Identify the expected effect of specific actions on highly impacted communities and vulnerable populations and the general location, if applicable, timing, and estimated cost of each specific action. If applicable, identify whether any resource will be located in highly impacted communities or will be governed by, serve, or otherwise benefit highly impacted communities or vulnerable populations in part or in whole.

[illegible]

## Orcas Power & Light Cooperative

**Integrated resource plan compliance (WAC 194-40-200(6))**

This CEIP is consistent with the most recent integrated resource plan or resource plan, as applicable, prepared by the utility under RCW 19.280.030. **Select yes or no.**

Yes

### Clean energy action plan compliance (WAC 194-40-200(7))

The CEIP is consistent with the utility's clean energy action plan developed under RCW 19.280.030(1) or other ten-year plan developed under RCW 19.280.030(5). **Select yes or no.**

Yes

Orcas Power & Light Cooperative

**Risk (WAC 194-40-200(4)(d))**

Describe how the utility intends to reduce risks to highly impacted communities and vulnerable populations associated with the transition to clean energy.

OPALCO will continue to participate in BPA-designed energy efficiency programs which include measures for low-income members



Orcas Power & Light Cooperative

**Public participation (WAC 194-40-200(4), -220(1))**

Provide a summary of the public input process conducted in compliance with WAC 194-40-220. Describe how public comments were reflected in the specific actions under WAC 194-40-200(4), including the development of one or more indicators and other elements of the CEIP and the utility's supporting integrated resource plan or resource plans, as applicable.

Co-op members were notified of the CEIP timeline in November of 2021 and invited to comment on DRAFT CEIP during regular board meeting on December 16, 2021. Public comments TBD...

Orcas Power & Light Cooperative

**Use of alternative compliance options (WAC 194-40-200(5))**

Identify any planned use during the period of alternative compliance options, as provided for in RCW 19.405.040(1)(b):

Alternative compliance payments:	N/A	Dollars
Unbundled renewable energy credits:	N/A	Credits
Credits from energy transformation projects:	N/A	MWh
Electricity from the Spokane municipal solid waste to energy facility:	N/A	MWh

Orcas Power & Light Cooperative

**Resource adequacy standard (WAC 194-40-200(8))**

Identify the resource adequacy standard and measurement metrics adopted by the utility under WAC 194-40-210 and used in establishing the targets in the CEIP.

<b>Resource adequacy standard</b>	BPA Resource Plan and BPA White Book
<b>Methods of measurement</b>	Multiple used, see BPA White Book and BPA Resource Plan