

# Board of Directors

## Regular Meeting

Thursday, October 20, 2022  
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. For security purposes, staff will be checking Zoom identities so please use your first and last name or you may not be let into 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. Members can get the link to the meeting, 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  
October 20, 2022, 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 – September 2022

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

BORDER, LOGAN  
BOSSART, NEWELL & BOSSART, ELIZABETH  
BULL RUN RD LLC  
DEMBECK, HATHER  
EARP, EDWIN & EARP, BARBARA  
FISHKIN, TOM  
GOULTER, JOHN  
GUARD, EMILY & BLAKE, RYAN  
HANEY-MARSHALL, MIA  
HARRISON CONDO OWNERS ASSN  
HOLDEN, ELIZABETH  
HUXLEY, ANNE & KERN, DAVID  
IRBY, MARIN & IRBY, DANIEL  
JOHNSON, KURT  
JORDAN, BRET & JORDAN, PATRICIA  
KILLER, CALEB & GARG, ARUSHI  
LAWSON, DOLLY  
MCCUTCHEON, JORDYN  
MERRITT, JENNI & MERRITT, SHANE  
MORAINE PROPERTIE, S INC  
NEAL, HENRY & NEAL, LESLIE  
PENCE, THOM  
PENUELAS, ANITA  
PETER, REBECCA  
REYNOLDS, EMILY  
ROSENBAACH, PATRICK  
SJCRE LLC  
STABLEY, SUE ANN

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

BAILEY, STEVE & WU, ZHUOZHUO  
BREEDEN, JANET  
CILLEY, EARL

CKM ORCAS LLC  
COLON, MATTHEW & COLON, SUZANNE  
CONAWAY, JAKE  
DELIA, FRANK  
DEVON, DENNIS & DENNIS, MEGAN  
ESSEILY, MONICA  
GEER LANE LLC  
GRANT, HEIDI & ERICKSON TUCKER, TANJA  
HARPO INC  
HELM, CHERYL  
MONROY-HERNANDEZ, ANDRES & OLSON, KRISTINA  
NORTH BEACH STORA, GE LLC  
OLSON, JOANIE  
OSTLE, HEATHER  
PAYSSE, ADAM & KORRECKT, KATRINA  
ROUGH, KURT  
STEBBINS, JEREMY & STEBBINS, CHERYL  
WHITRIDGE, SAM

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

BURTCH, CAROLYN & BURTCH, ROBERT  
CALDWELL MCCANN, BYRON  
DUBSKY, JOHN  
GARCIA, DIANO & SCHREURS, MARJORIE  
KRAWIEC, AMY  
LOPEZ PENINSULA LLC  
MCGILL, TREVOR & MCGILL, HEIDI  
SNYDER, KATY & SNYDER, NICHOLAS  
WILLIAMS, ERIC

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

HUSICK, BRADLEY & HUSICK, GAIL  
ILLIKUM POINT LLC  
WESCOTT, STEVE & WESCOTT, LISA

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

Staff requests a motion to approve the Consent Agenda.



**Orcas Power & Light Cooperative  
Minutes of the Board of Directors Meeting  
Thursday, September 15, 2022**

Streaming through Zoom attendees were Board members Vince Dauciunas, Jerry Whitfield, Brian Silverstein, Mark Madsen, Tom Osterman, Rick Christmas 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; and Communications Manager Suzanne Olson (serving as recording secretary). Also present were Legal Counsel Joel Paisner and consultant Jay Kimball and guest Jane Fuller.

Members in attendance included Tom Starr, Chris Wolfe, John Fleisher and Ron Zee.

Meeting commenced at 8:30 a.m.

**CONSENT AGENDA**

- **MOTION** was made by Silverstein to accept the consent agenda, seconded by Madsen and passed unanimously by voice vote.

**CLIMATE CHANGE NEWS REVIEW**

Staff reviewed a collection of recent news articles on climate change and discussion ensued on land requirements, transmission and permitting, legislative mandates, opposition challenges, benefits and trade-offs, opportunities for collaboration and alignment with the County Comprehensive plan.

**JANE FULLER, COUNTY COUNCIL CANDIDATE**

Ms. Fuller introduced herself to the Board and discussion ensued on how OPALCO would like to work with Council to build a sustainable future.

**POLICY 11: DIRECTORS' STIPEND, REIMBURSEMENT AND BENEFITS (SECOND READ)**

GM reviewed proposed changes to board compensation and comments from the Elections & Governance Committee. Discussion ensued.

A motion was made by Brian Silverstein and then withdrawn. Discussion continued.

- **MOTION** was made by Silverstein to remove insurance benefits for future directors. Seconded by Christmas.

No action was taken on Board stipend. Staff were directed to propose a progression of increasing the Board stipend as part of the budget process.

**GM REPORT**

GM presented the monthly General Manager's Report. Discussion ensued.

Board Meeting ended at 11:27 a.m.

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Vince Dauciunas, President

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Brian Silverstein, Secretary-Treasurer

## Board and Annual Meeting Dates 2023 (Draft)

The 2023 Board and Rock Island Communications (RIC) meetings will be held via Zoom for the foreseeable future. The 2023 annual meeting is also scheduled via Zoom due to the unreliability of the ferries. Confirmation of these dates, particularly the annual meeting, is an important step this month for the budgeting process. Proposed dates are as follows:

- January 19
- February 16
- March 16 OPALCO/RIC
- April 27
- **April 29 Member Annual Meeting**
- May 18 OPALCO/RIC
- June 15
- July NO MEETING
- August 17 OPALCO/RIC
- September 21
- October 19
- October 25 – In Person Work Session
- November 16 OPALCO/RIC Budget
- December 14

Consistent with prior years the Board is to appoint the Parliamentarian for the Annual Meeting. The complete election timeline will be distributed at a future meeting.

Staff recommends that the Board make a motion to confirm the annual meeting date, virtual format and Joel Paisner, OPALCO legal counsel, as the Parliamentarian.

## IRS Form 990

The draft 2021 IRS Form 990 will be reviewed during Executive Session.

Note, these 990 figures were reviewed in March 2022 during the 2021 year-end review and again in May 2022 during the 2021 Moss Adams audit. The 2021 return is consistent with last year's filings and is based on the 2021 financial statements (including quarterly reviews), which were audited by Moss Adams and approved by the Board of Directors at the May 19, 2022 board meeting. No material adjustments have been made in the compilation of this tax filing.

NRECA has published a useful infographic for how to read a co-op Form 990:

<https://www.electric.coop/990-2/>

Please note that Staff will post the Form 990 on OPALCO's website once it is officially filed and made available on the web.

Upon review in executive session and return to regular session, staff recommends the Board make a motion to approve the submittal of the 2021 Form 990.

# DISCUSSION ITEMS

## New Website Overview


OPALCO's updated website that includes important technological upgrades launched October 11. Staff will present the new site and some of the new great features to the Board. The improved navigation and streamlining of the content should be easier for users to find the information they need. The team is tracking usage before and after the upgrade to understand how the improvements have helped users and make goals for improvements as needed.

## Review of BPA/PNGC Billing Components

### Composite Charges (fixed)

The majority of Bonneville's costs are recovered through customer charges which are allocated using the Tier One Cost Allocator (TOCA). The TOCA represents OPALCO's net requirements as a percentage of all BPA customers and is updated by BPA biennially during BPA's rate case period. OPALCO's current TOCA is 0.35%. The composite charge allocated to OPALCO by BPA remains static for each 2-year period. As seen in the table, our current monthly net composite charge is \$550k per month. Simply put, this can be thought of as our monthly fixed charge component and makes up between 50-100% of our monthly power cost. Note the fixed charge is also known as composite charge.

### 1. POWER:

	Charge 	Rate	Determinant	Determinant Used	Charge
<b>1: Power</b>					
Part A - BPA Tier 1 Cust. Charge	Composite Charge	1,998,417 \$/month/%	.35025 %	TOCA	\$699,946
Part A - BPA Tier 1 Cust. Charge	Composite Charge (LDD)	5.832 %	699,946 \$	Composite Charge	(\$40,821)
Part A - BPA Tier 1 Cust. Charge	Non-Slice Charge	(329,943) \$/month/%	.35025 %	TOCA	(\$115,563)
Part A - BPA Tier 1 Cust. Charge	Non-Slice Charge (LDD)	5.832 %	(115,563) \$	Non-Slice Charge	\$6,740
<i>Part A - BPA Tier 1 Cust. Charge</i>					<i>\$550,302</i>

### Low Density Discount (LDD)

Our primary power charges from BPA are all subject to a low-density discount as we serve a lower density population area. The eligible LDD ranges from a 0.5% to 7% discount based upon our kilowatt-hour/investment ratio and consumers/pole miles ratio. OPALCO's current LDD is 6%.

### Load Shaping

Load Shaping Charges adjust for the difference between our actual use of power from the Tier 1 system and our base amount of power received for paying our TOCA share of the Tier 1 system costs. As such, this is typically an additional charge in the winter months when consumption is higher and a credit in summer months when net consumption is down. Note: HLH = Heavy Load Hours (>6 am – 10 pm), LLH = Light Load Hours (>10 pm – 6 am).

Part A - BPA Tier 1 Load Shaping	HLH Energy	35.87 mills/kWh	(4,631.830) MWh	load shaping HLH billing units	(\$166,144)
Part A - BPA Tier 1 Load Shaping	HLH Energy (LDD)	5.832 %	(166,144) \$	load shaping charge (HLH)	\$9,690
Part A - BPA Tier 1 Load Shaping	LLH Energy	26.85 mills/kWh	(1,553.112) MWh	load shaping LLH billing units	(\$41,701)
Part A - BPA Tier 1 Load Shaping	LLH Energy (LDD)	5.832 %	(41,701) \$	load shaping charge (LLH)	\$2,432
<i>Part A - BPA Tier 1 Load Shaping</i>					<i>(\$195,723)</i>





## Demand

This charge is primarily a price signal to encourage demand response initiatives. We see these charges grow primarily in winter months when our own system demand is at its peak.

Part A - BPA Tier 1 Demand	Demand	11.83 \$/kw-month	2,549 MW	demand billing units	\$30,155
Part A - BPA Tier 1 Demand	Demand (LDD)	5.832 %	30,155 \$	demand charge	(\$1,759)
Part A - BPA Tier 1 Demand					\$28,396

## PNGC/BPA Charges

With the inclusion of PNGC as OPALCO's power supplier, there are a several charges and credits that relate to our contractual obligations to PNGC and are adjustments based on OPALCO's share of the PNGC group requirements. Note: RDC = Reserves Distribution Clause (dividend distribution based on year end BPA reserve), AHWM = Above High Water Mark.

Part A - BPA Power Dividend Dist.	Power Dividend Distribution	(6,769) \$	1.0		(\$6,769)
Part A - BPA Power Dividend Dist.	Power Dividend Distribution LDD	395 \$	1.0		\$395
Part A - BPA Power Dividend Dist.					(\$6,374)
Part B - PNGC AHWM Power Costs	HLH Energy	34.60 mills/kWh	616.032 MWh	AHWM obligation	\$21,315
Part B - PNGC AHWM Power Costs	LLH Energy	34.60 mills/kWh	444.912 MWh	AHWM obligation	\$15,394
Part B - PNGC AHWM Power Costs	Power Costs Adjustment	12	1.0	PCA = (C - R) * (M / B)	\$12
Part B - PNGC AHWM Power Costs					\$36,721

## 2. TRANSMISSION:

Transmission charges vary in category and calculations, but generally represent our proportional use of the transmission system. Transmission charges account for 10-15% of our monthly bill. Note: NT = Network Integration Transmission (composite equivalent for our region). CA (Control Area) Reserves refer to customer owned generation (Decatur Microgrid). Balance of billing components refer to BPA's orchestration of the transmission network.

### 2: Transmission

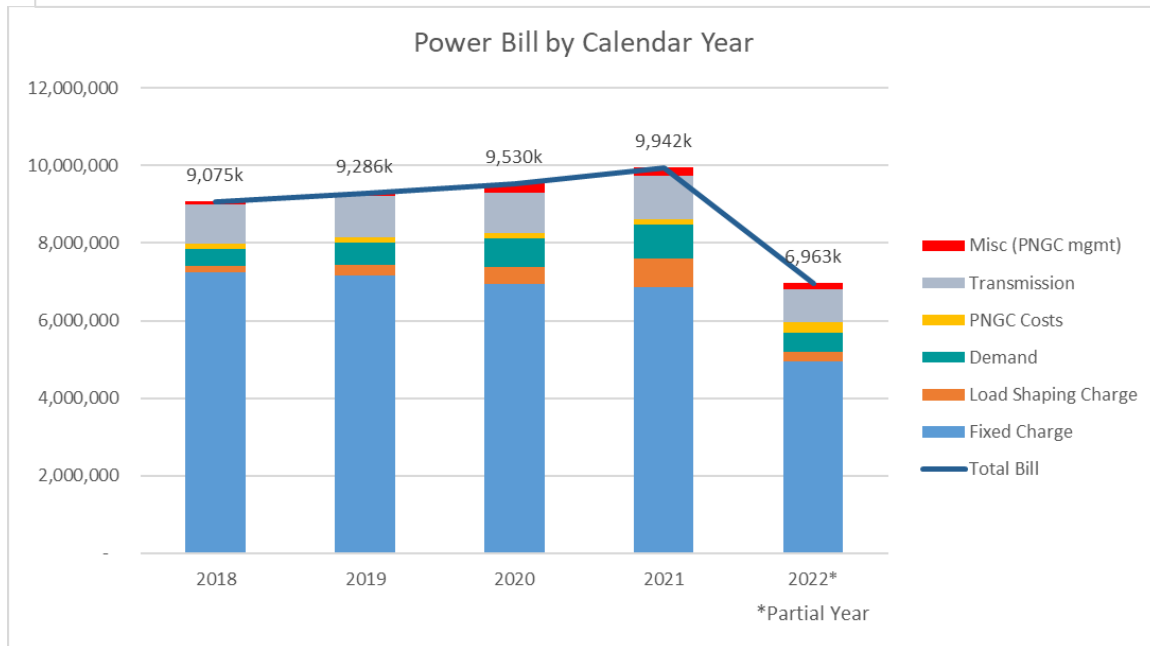
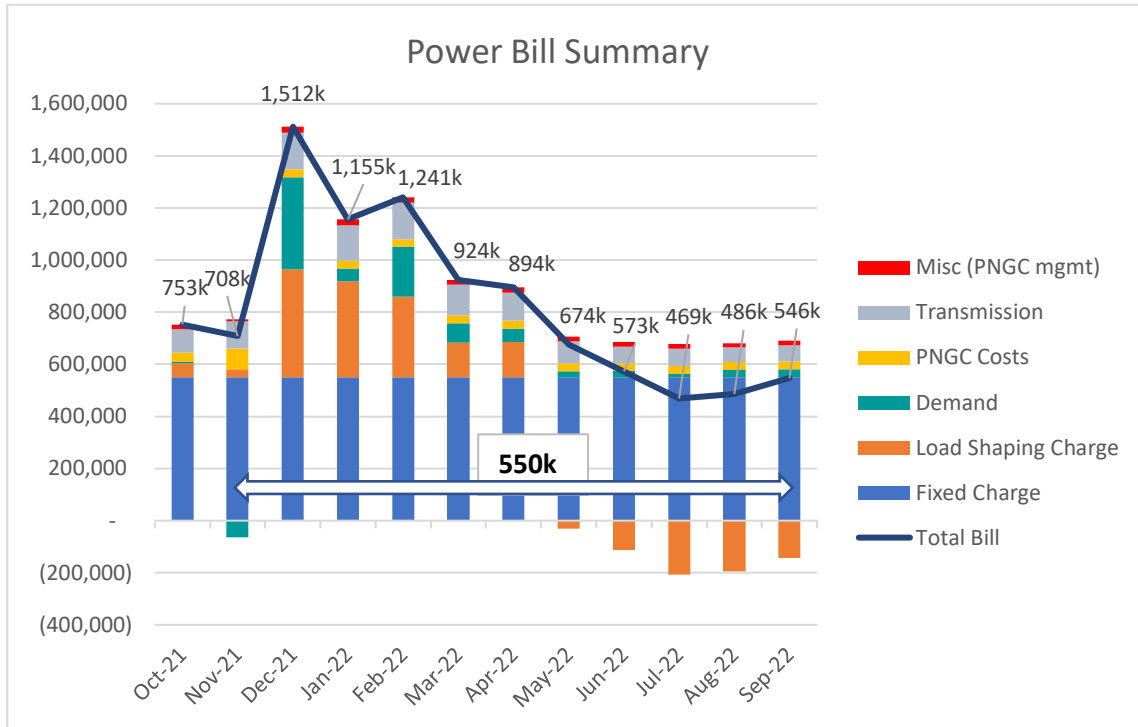
Transmission	NT Service Charge	2.031 \$/kW/month	17,168 kW	kW @ BPA TX peak	\$34,868
Transmission	Sched., Sys. Control, and Dispatch	.389 \$/kW/month	17,168 kW	kW @ BPA TX peak	\$6,678
Transmission	Reg. & Freq. Response BPAT	.44 mills/kWh	12,824.434 MWh	TRL energy [BPAT]	\$5,643
Transmission	Peak Dues Charge	.04 mills/kWh	12,824.434 MWh	TRL energy [BPAT]	\$513
Transmission	WECC Dues Charge	.04 mills/kWh	12,824.434 MWh	TRL energy [BPAT]	\$513
Transmission	VERBS Regulating	.28 mills/kWh	384 kW	Nameplate Capacity	\$108
Transmission	VERBS Following	.17 mills/kWh	384 kW	Demand Peak 2022-05-07 HE1	\$67
Transmission	VERBS Imbalance	.00 mills/kWh	384 kW	Nameplate Capacity	\$0
Transmission	CA Spinning Reserves	11.05 mills/kWh	4,019 kWh	3.0% TRL - gen + 1.9% losses	\$44
Transmission	CA Supplemental Reserves	7.22 mills/kWh	4,019 kWh	3.0% TRL - gen + 1.9% losses	\$29
Transmission	Spinning Reserves	11.05 mills/kWh	386,011 kWh	3.0% TRL - gen + 1.9% losses	\$4,265
Transmission	Supplemental Reserves	7.22 mills/kWh	386,011 kWh	3.0% TRL - gen + 1.9% losses	\$2,787
Transmission	NT Short Dist. Disc. [Decatur Solar	2.031 \$/kW/month	49 kW	NT SDD determinant	(\$100)
2: Transmission					\$55,415

### 3. MISCELLANEOUS PNGC CHARGES:

Through being a member of PNGC we pay contracted monthly management fees, margin contributions and receive shared generation credits.

3: Miscellaneous Power Cost Charges and Credits					
Miscellaneous	Add'l Margin Contrib. - Part A	.25 mills/kWh	11,629.525 MWh	Tier 1 load	\$2,907
Miscellaneous	Add'l Margin Contrib. - Part B	.25 mills/kWh	1,060.944 MWh	AHWM load	\$265
Miscellaneous	PNGC Part A Charge	3,634 \$	1.0		\$3,634
Miscellaneous	PNGC Part B Charge	406 \$	1.0		\$406
Miscellaneous	PNGC Management Charge	16,790 \$	1.0		\$16,790
Miscellaneous	Coffin Butte Margins	(7,199) \$	1.0		(\$7,199)
3: Miscellaneous Power Cost Charges and Credits					\$16,803





# 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

- Budget Variance
- TIER/Margin
- Expense
- Cash
- Power Cost
- Purchased Power
- Annual Power Metrics
- Capital
- Debt/Equity
- WIP
- Income Statement Trends

#### Member Services

- Disconnects
- Uncollectable Revenue
- PAL
- EAP
- Membership
- Service Additions
- Annual Service Additions
- Revenue Dist. By Rate

#### Outage

- Historical SAIDI - Graph
- Historical SAIDI - Figures
- Outage Stats – Rolling 12 Mo
- Outage Stats – Monthly
- SAIDI by Category
- Outage Summary

### QUICKFACTS

Please review the Quick Facts at <https://www.opalco.com/newsroom/quick-facts/>.

- OPALCO's Plan for our Energy Future
- Decarbonization – 4 Part Series
- Switch It Up!
- WA 2021 Energy Strategy
- Simpson Proposal and the Northwest Energy Evolution
- Will there be enough power?
- OPALCO Rates
- Energy Independence? Not entirely
- Rock Island Communications
- OPALCO election process
- Wireless Services
- Cost of Service
- Staff Compensation
- NRECA
- OPALCO Debt and Capital Projects
- Ocean Health
- NW Resource Adequacy in a Rapidly Decarbonizing World
- Land for Renewable Energy Projects
- Understanding the Change in Solar Rates
- Decatur Island Battery Storage Project
- Why Hydropower is Important to our Power Supply
- Where does OPALCO stand on regional issues and the dams?
- Future Power Purchase Strategy
- Industry Association Memberships and Co-op Benefits
- Climate Change News Review - September 2022



## ENGINEERING, OPERATIONS, AND INFORMATION TECHNOLOGIES

### WIP

As of October 11, 2022, there are 472 work orders open totaling \$8.22M Operations has completed construction on 160 work orders, totaling \$3.26M.

### Safety

John Spain of Northwest Safety Service conducted equipotential zone grounding for operations staff. The total current hours worked without a loss time accident 201,848 hours.

### Awarded Grants

#### Washington Department of Commerce - Grid Modernization

- San Juan Microgrid (Grant \$2.4M) (partnered with PNNL) – Staff issued RFPs for battery systems in April 2022 and continues to solicit vendor.
- 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 Conceptual Design (Phase 1 – Preliminary Design Only) – Staff and subcontractors have initiated outreach with the tribes. \$150K
  - Friday Harbor Ferry Electrification Preliminary Design (Phase 1 Only) – On hold until WA DOC releases the next stage in contracting. \$150K
  - Orcas Biomass (Phase 2 – Detailed Design) – On hold until contracting for prior projects have been completed. \$165K

#### Washington Department of Commerce – Clean Energy Fund 3 Solar

- Low-Income Community Solar Deployment (Grant \$1M) – Staff has executed the notice to proceed for the engineering and site design with the remainder of the contract to be executed by end of Q3.

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

- Biomass Generation with Biochar (60% Design Grant \$72,835) – Project report and economics are anticipated in Q4.

### Upcoming Grants

#### Redundant Fiber Sub Cable Grant Partnership

A fellow Puget Sound utility has reached out to Rock Island and its parent company, OPALCO to join in on a grant opportunity to install a fiber submarine cable which would run from Seattle to Pt Roberts, Washington. The project partnership agreement involves a partial self-funding percentage requirement from the applicant and OPALCO is being asked to contribute a portion of the percentage required, estimated to be between \$1.2M-\$1.5M which includes a new point of presence (POP) stopover on Orcas Island. Rock Island would need to facilitate the establishment of a new POP location at Deer Point to land the cable and connect active equipment to the backbone network. This location would also fully establish a ring redundant path from the Orcas to the Westin without traversing any other islands. It is Rock Island's recommendation that we participate in this project to ensure an additional, long-term option for transport on the network.

## FINANCE

### 2022 Budget Tracking

Energy (kWh) purchases and sales have been higher than budgeted levels through September 2022. kWh sales included the historic 'cold-snap' for both December and January billing cycles, resulting in our highest kWh peak (82MW) for a month. This was curtailed by a below-average February which also included an ECA credit of ~(\$545k). Overall, gross operating revenue is above budget by ~\$875K & purchased power was above budget by ~\$274k. This was curtailed by the ECA which has collected a net ~10k through September. The table presents full year 2022 projection with actuals for prior months where available.

Income Statement Summary (in thousands)	2022 Projection (actuals for prior months)		
	Budget	Projected	Variance
Operating Revenue	\$ 34,258	\$ 35,133	\$ 875
ECA Surcharge / (Credit)*	\$ -	\$ 10	\$ 10
Revenue	\$ 34,258	\$ 35,143	\$ 885
Expenses:			
Cost of Purchased Power	\$ 9,496	\$ 9,770	\$ 274
Transmission & Distribution Expense	7,120	6,836	(284)
General & Administrative Expense	6,079	5,766	(313)
Depreciation, Tax, Interest & Other	8,570	8,842	272
Total Expenses	31,265	31,214	(51)
Operating Margin	2,993	3,929	936
Non-op margin	284	331	47
Net Margin*	3,277	\$ 4,260	983
OTIER**	2.46	2.95	0.48
TIER**	2.64	3.11	0.47
Equity %	39.9%	40.4%	0.5%
HDD	1,375	1,394	19
kWh Purchases	220,000	232,239	12,239
kWh Sales	206,800	216,600	9,800

\* The ECA collected \$10k from members through September 2022

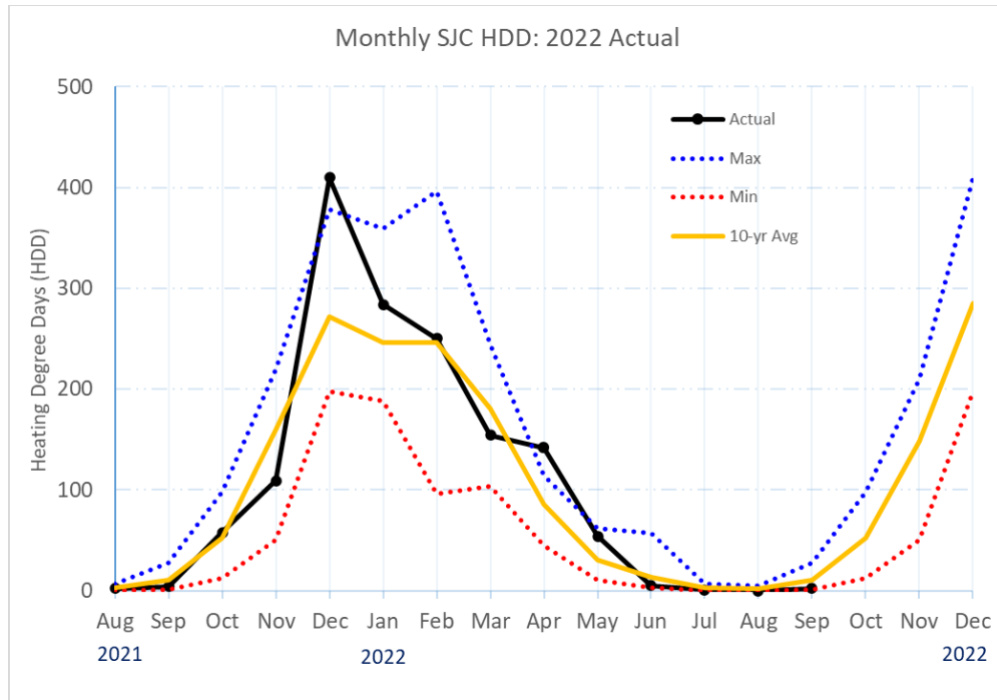
\*\* TIER is a 'full-year' metric, thus not representative in early months as there has not been an accumulation of interest expense

### Monthly Energy Charge Adjustment (ECA)

The calculated amount for the September ECA was a bill credit of \$.004868 per kWh which returned \$57,763 to members, or \$4.87 per 1,000 kWh. The October billing period ECA is projected to be a bill credit of \$.001671 per kWh on member bills, or \$1.67 per 1,000 kWh. The exact amount of the ECA is an estimation based on known kWh sold and a recalculation of our contractual power bill, which may occasionally include other one-time factors or adjustments.

### Heating Degree Days (HDD)

December saw a very cold weather snap and HDDs came in above the 10-yr maximum. January – March 2022 began trending more towards historical averages, with April-Sept coming in with a more La Nina pattern. We continue to monitor weather trends monthly.

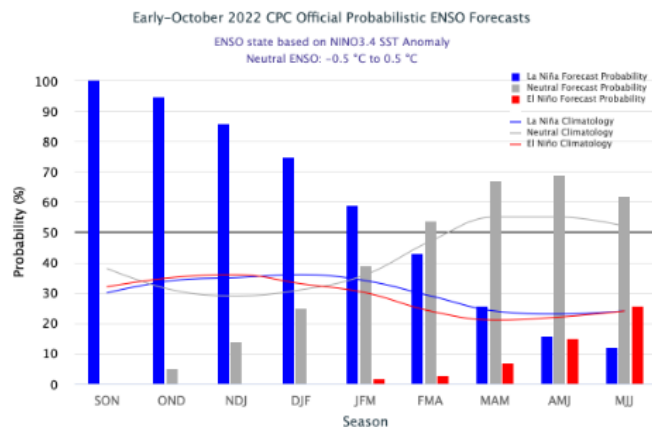
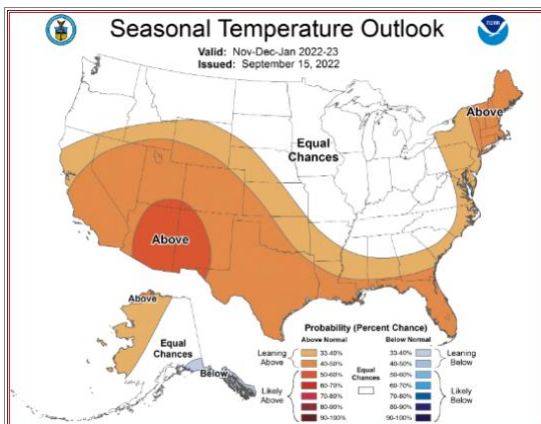


\*10-year max, min, avg is 2012-2021

### Weather Forecast

Looking ahead to the NOAA 'three-month outlook temperature probability' for Nov-Dec-Jan '22-'23, the outlook is currently showing 'equal chances' of normal temperatures in our region in the coming winter months. We continue to monitor these predictors monthly.

### 2022 Nov-Dec-Jan Outlook



Source: NOAA National Weather Service

## MEMBER SERVICES

### Annual History of Energy Assistance Funding

All values are as of first of the month reported.

		2014	2015	2016	2017	2018	2019	2020	2021	2022	Grand Total
Energy Assist Credit	# of Accounts			241	407	444	460	574	577	512	1,064
	Total Assistance			29,151	81,957	111,996	135,595	158,434	158,740	118,674	794,547
PAL	# of Accounts	180	226	228	217	212	205	329	363	203	1,009
	Total Assistance	31,560	46,345	46,885	48,833	45,155	53,137	80,975	104,880	52,212	509,983
EAP Residential - COVID	# of Accounts							88	74	63	98
	Total Assistance							21,535	27,606	8,348	57,489
EAP Commercial - COVID	# of Accounts							107	97	79	119
	Total Assistance							73,340	87,233	21,998	182,570
PAL - COVID	# of Accounts							131	122		222
	Total Assistance							15,000	12,200		27,200
Grand Total	# of Accounts	180	226	325	447	460	488	835	825	704	1,556
	Total Assistance	31,560	46,345	76,036	130,790	157,151	188,732	349,283	390,659	201,231	1,571,789

*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 September 2022, 305 members received ~ \$11.6K from the low-income Energy Assist program, compared to 318 members who received ~ \$11.7k in assistance in September 2021.

**Project PAL:** The 2022/2023 Project PAL award season is about to begin, and agreements have been sent to all three CRC/FRC Partners. The newest MSR will be working with the MSR PAL Coordinator and MSR Supervisor to learn more about how the program works during the award season.

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

**LIHEAP:** Low Income Home Energy Assistance Program awards continue to be applied to members accounts.

### Switch it Up!

There are now 336 projects complete and billing for a total of \$3.8M outstanding. There are another 34 projects in various stages of the process. Some projects have been delayed as residential contractors have been limited by COVID-19 and supply chain issues. Staff have made the new Switch It Up measures available and have received lots of interest from members.

### Energy Savings

During September there were a total of 27 rebates paid out to members totaling \$22.9k. This includes two fuel switching ductless heat pump rebates and five EV charging station rebates.

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

OPALCO is committed to helping members prepare for an efficient and sustainable energy future with programs, incentives, and rebates. All values are as of first of the month reported.

		2014	2015	2016	2017	2018	2019	2020	2021	2022
EE Rebates*	# of Accounts	490	524	266	155	264	442	303	147	150
	Total Awards	\$367,552	\$359,835	\$146,601	\$84,809	\$161,262	\$228,418	\$167,432	\$149,886	\$169,590
	Total Energy Savings (annual kWh)	1,423,477	1,696,662	731,392	896,425	479,323	733,432	783,431	359,269	290,215
Switch It Up**	# of Accounts						72	87	69	132
	Total Financed						\$684,900	\$687,589	\$705,446	\$2,380,094

2014-2022		Totals
EE Rebates*	# of Accounts	2,741
	Total Awards	\$1,829,371
Switch It Up**	# of Accounts	360
	Total Financed	\$4,458,029
Total		<b>\$6,287,400</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

#### Interconnects

There were eight new interconnect applications submitted in September and five members were interconnected with solar for a total of 574 (<https://energysavings.opalco.com/member-generated-power/>). There are an additional 29 pending connection.

#### Community Solar

During the September 2022 billing cycle, the [Decatur Community Solar](#) array produced 56,800 kWh. A total of ~\$5,942 was distributed to 261 accounts in September.

#### MORE Program Wrap-up

All members involved as donors and/or solar producers in the MORE Program have been informed that the program has closed as of September 30, 2022. Automated phone calls were followed by an email to the donors (green leaf/renewable block program) and final checks to distribute the MORE balance paired with the dwindling Washington State Incentives will go out to solar producers in late October with a letter. Staff have been in touch with solar producers to prepare them for the closure.

Donors to MORE were invited to continue their monthly donations (purchasing blocks of renewable power) which will now provide access to solar benefits to low-income co-op members. The low-income solar program will ramp up in 2023. In response to the communication with donors, only 10/300 have opted to stop making donations to the next phase of the program.



## Solar Benefits Paid to Members

All values are as of first of the month reported.

		2014	2015	2016	2017	2018	2019	2020	2021	2022
Comm Solar	# of Accounts							265	268	261
	Total Payments							\$50,688	\$51,928	\$40,105
WA State Incentives*	# of Accounts	136	162	171	197	268	256	259	58	0
	Total Payments	\$100,425	\$100,000	\$114,037	\$125,635	\$167,971	\$224,766	\$218,222	\$91,461	\$0
MORE**	# of Accounts	104	132	147	149	145	144	144	140	0
	Total Payments	\$58,451	\$50,674	\$52,587	\$53,259	\$54,173	\$53,109	\$51,897	\$50,896	\$0

2014-2022		Totals
Comm Solar	Total Payments	\$142,721
WA State Incentives*	Total Payments	\$1,142,517
MORE**	Total Payments	\$425,046
Total		<b>\$1,710,284</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

### Fall Island Way Workshop Series

Join us for our Island Way Workshops this fall. These will all be hosted via Zoom. Email [communications@opalco.com](mailto:communications@opalco.com) to get the registration link.

- October 25 @ 5 pm: Changing Power Rates
- November 8 @ 5 pm: Are you ready for winter?

In September, we hosted an EV Road Trip Planning workshop. It was well attended with about 20 members who asked lots of questions and shared about their own experiences with Electric Vehicles. This interactive workshop included lots of good information for electric vehicles owners.

### Exhibit at Orcas Island Historical Museum

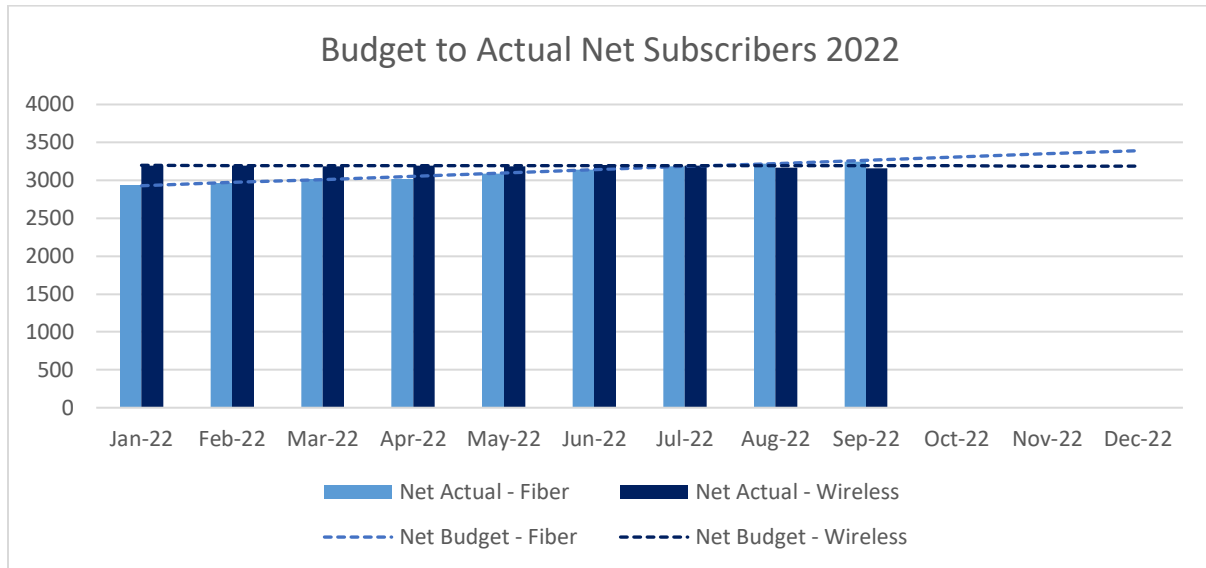
OPALCO is collaborating with the Orcas Island Historical Museum to develop a permanent exhibit to tell the story of connection, power and communications in the islands. Staff from OPALCO and Rock Island are participating on the exhibit committee, beginning in November. The exhibit is scheduled to open by summer 2023. OPALCO will host an event in the late Spring to celebrate the opening of the exhibit, which will feature curated historical photos, equipment, memorabilia and oral histories about the Co-op's contributions to the quality of life in San Juan County with a focus on Orcas stories. A smaller traveling exhibit is also on the drawing board for the future, to share with the historical museums on San Juan and Lopez. The museum will safeguard and curate OPALCO's collection of historical items, photographs and ephemera.

# ROCKISLAND

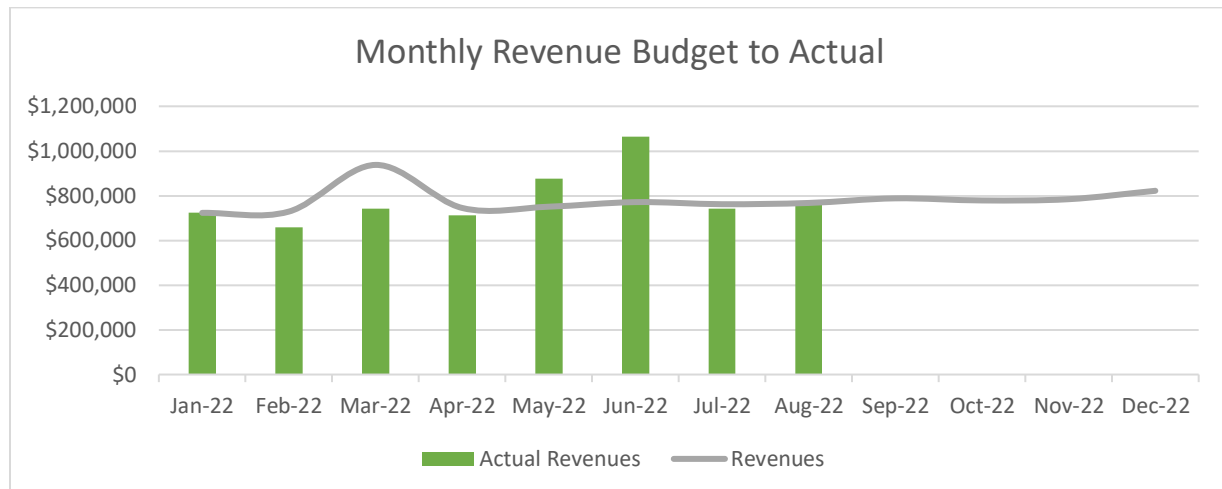
## Rock Island Snapshot

- 6,552 Internet Service Customers

### Net Subscribers



### Revenues



\*Previous months revenues are not closed out and are subject to change.

## Radio Communication Project

Rock Island remains hands-off on constructing or testing of the system. While we do provide the standard maintenance and support, alterations to the system and or added components will be handled as the county works with the radio vendor to identify solutions going forward.