



BOARD OF DIRECTORS MEETING AGENDA

June 24, 2021 -Thursday, 3:30 p.m.

COVID-19 NOTICE

RCEA AND HUMBOLDT BAY MUNICIPAL WATER DISTRICT OFFICES WILL NOT BE OPEN TO THE PUBLIC FOR THIS MEETING

Pursuant to the Governor's Executive Order [N-29-20](#) of March 17, 2020, and the Humboldt County Health Officer's March 30, 2020, [Shelter-in-Place Order](#), the RCEA Board of Directors meeting will not be convened in a physical location. Board members will participate in the meeting via an online Zoom video conference.

To listen to the meeting by phone, call (669) 900-6833 or (253) 215-8782. Enter webinar ID: 819 7236 8051. **To watch the meeting online**, join the Zoom webinar at <https://us02web.zoom.us/j/81972368051>.

You may submit written public comment by email to PublicComment@redwoodenergy.org. Please identify the agenda item number in the subject line. Comments will be included in the meeting record but not read aloud during the meeting.

To make a comment during the public comment periods, raise your hand in the online Zoom webinar, or press star (*) 9 on your phone to raise your hand. You will continue to hear the meeting while you wait. When it is your turn to speak, a staff member will unmute your phone or computer. You will have 3 minutes to speak.

While downloading the Zoom application may provide a better meeting experience, Zoom does not need to be installed on your computer to participate. After clicking the webinar link above, click "start from your browser."

In compliance with the Americans with Disabilities Act, any member of the public needing special accommodation to participate in this meeting should call (707) 269-1700 or email Ltaketa@redwoodenergy.org at least 3 business days before the meeting. Advance notice enables RCEA staff to make their best effort to reasonably accommodate access to this meeting while maintaining public safety.

Pursuant to Government Code section 54957.5, all writings or documents relating to any item on this agenda which have been provided to a majority of the Board of Directors, including those received less than 72 hours prior to the RCEA Board meeting, will be made available to the public at www.redwoodenergy.org.

OPEN SESSION Call to Order

1. REPORTS FROM MEMBER ENTITIES

2. ORAL COMMUNICATIONS

This time is provided for people to address the Board on matters not on the agenda. At the conclusion of all oral communications, the Board may respond to statements. Any request that requires Board action will be set by the Board for a future agenda or referred to staff.

3. CONSENT CALENDAR

All matters on the Consent Calendar are considered to be routine by the Board and are enacted in one motion. There is no separate discussion of any of these items. If discussion is required, that item is removed from the Consent Calendar and considered separately. At the end of the reading of the Consent Calendar, Board members or members of the public can request that an item be removed for separate discussion.

3.1 Approve Minutes of May 27, 2021, Board Meeting.

3.2 Approve Disbursements Report.

3.3 Accept Financial Reports.

3.4 Adopt Resolution No. 2021-3, A Resolution of the Board of Directors of the Redwood Coast Energy Authority to Partner with the Humboldt Transit Authority on a U.S. Department of Transportation Equitable and Sustainable Public Transit Planning for Rural America Project Grant Application.

3.5 Authorize the Executive Director to Execute a Legal Services Agreement with Braun Blasing Smith Wynne, P.C. for Regulatory Support and Legal Services Through June 2024, Subject to Sufficient Budgetary Allocations and Pending RCEA General Counsel Review.

3.6 Appoint Ethan Lawton to the Community Advisory Committee for the Remainder of a Term Ending on April 12, 2022.

4. REMOVED FROM CONSENT CALENDAR ITEMS

Items removed from the Consent Calendar will be heard under this section.

COMMUNITY CHOICE ENERGY (CCE) BUSINESS – None.

Items under this section of the agenda relate to CCE-specific business matters that fall under RCEA's CCE voting provisions, with only CCE-participating jurisdictions voting on these matters with weighted voting as established in the RCEA joint powers agreement.

5. OLD BUSINESS

5.1. RCEA Fiscal Year 2021-22 Budget

Adopt proposed RCEA Fiscal Year 2021-2022 budget.

6. NEW BUSINESS – None.

7. STAFF REPORTS

- 7.1. Report by Executive Director Matthew Marshall on Board meetings post-shelter-in-place.
- 7.2. Report by Director of Infrastructure Planning & Operations Dana Boudreau on the Redwood Coast Airport Microgrid Project.

8. FUTURE AGENDA ITEMS

Any request that requires Board action will be set by the Board for a future agenda or referred to staff.

9. CLOSED SESSION

- 9.1. CONFERENCE WITH REAL PROPERTY NEGOTIATIONS Pursuant to Government Code § 54956.8 in re: APNs 001-104-001-000 and 001-011-021-000; RCEA negotiator: Executive Director; Owner's negotiating party: Kramer Investment Corporation and the City of Eureka; Under negotiation: price and terms.

10. RECONVENE TO OPEN SESSION

11. CLOSED SESSION REPORT

12. ADJOURNMENT

NEXT REGULAR MEETING

Thursday, July 22, 2021, 3:30 p.m.

This meeting will be an online teleconference following shelter-in-place orders.



BOARD OF DIRECTORS MEETING DRAFT MINUTES

May 27, 2021 - Thursday, 3:30 p.m.

Notice of this meeting was posted on May 24, 2021. Chair Sheri Woo called a regular meeting of the Board of Directors of the Redwood Coast Energy Authority to order on the above date at 3:34 p.m., stating that the teleconference meeting was being conducted pursuant to Brown Act waivers included in Governor Newsom's COVID-19 State of Emergency Executive Order [N-29-20](#) of March 17, 2020, and the Humboldt County Health Officer's March 30, 2020, [Shelter-in-Place Order](#). Chair Woo stated that the posted agenda contained public teleconference meeting participation instructions.

PRESENT: Vice Chair Stephen Avis, Scott Bauer, Chris Curran, David Grover, Mike Losey, Frank Wilson, Mike Wilson, Chair Sheri Woo. ABSENT: Sarah Schaefer. STAFF AND OTHERS PRESENT: Regulatory and Legislative Policy Manager Aisha Cissna; Power Resources Director Richard Engel; Swell Energy Vice-President of Grid Services Market Development Jon Fortune; Power Resources Manager Jocelyn Gwynn; Swell Energy Chief Executive Officer Suleman Khan; Executive Director Matthew Marshall; Community Strategies Manager Nancy Stephenson; Clerk of the Board Lori Taketa.

REPORTS FROM MEMBER ENTITIES

Director Losey reported that the Fortuna wastewater treatment facility's Tesla power pack requires further testing and coordination with PG&E before beginning operation. The plant power pack and upcoming solar installation will result in substantial savings for the city.

Vice Chair Avis reported that Ferndale's solar and battery storage system will also require testing before operation.

ORAL COMMUNICATIONS

Member of the public Robert Figas reported that his privately-owned company purchased the Fairhaven biomass power plant, is currently accepting 150 loads of waste per week, and will be updating the plant's boiler and switch gear with PG&E and bringing the plant back online. His company would like to negotiate a two- to three-month power purchase agreement with RCEA during a test run before the end of the year.

Member of the public Suzanne Atiyeh submitted written comment opposing offshore wind and requesting careful consideration of offshore wind's negative impacts on nautical birds. Director Grover volunteered to share studies indicating that seabirds re-evaluate flight patterns over a couple of years.

Chair Woo closed the public comment period.

CONSENT CALENDAR

- 3.1 Approve Minutes of May 27, 2021, Board Meeting.
- 3.2 Approve Disbursements Report.
- 3.3 Accept Financial Reports.
- 3.4 Approve a Contract with The Energy Authority, Including Resource Management Agreement and 2021 Task Order 1 for Operational Services, and Authorize the Executive Director to Execute the Contract and Any Associated Documents.
- 3.5 Approve Professional Services Agreement with Don Arambula in an Amount Not to Exceed \$76,000 for Rural Regional Energy Network Business Plan Development and Authorize the Executive Director to Execute All Applicable Documents Pending RCEA Legal Counsel Review.
- 3.6 Authorize the Executive Director to Execute Amendment No. 3 to RCEA's Power Purchase Agreement with Humboldt Sawmill Company Clarifying Excess Delivered Energy Price Applicability, Crediting and Accounting.
- 3.7 Accept RCEA Supplier Diversity Report.

No member of the public or Board removed items from the consent calendar.

M/S: Avis, Grover: Approve consent calendar items.

The motion passed with a unanimous roll call vote. Ayes: Avis, Bauer, Curran, Grover, Losey, F. Wilson, M. Wilson, Woo. Noes: None. Absent: Schaefer. F. Wilson, Woo abstained from voting on item 3.6 due to conflicts of interest.

NEW CCE BUSINESS

6.1. Net Energy Metering Legislation Update

Regulatory and Legislative Policy Manager Aisha Cissna reported on Assembly Bill 1139 which proposes to raise the tariff on Net Energy Metering (NEM) customers who generate more energy than they consume. The bill's rationale is that non-NEM customers are subsidizing the compensation paid to NEM customers, who usually are from higher income households. Bill proponents state that NEM compensation exceeds the benefits that rooftop solar provides to the grid. The utilities recoup the financial shortfall from non-NEM customers. AB 1139 would require potential NEM customers to pay prevailing wages for solar system installations, regardless of the project's size. The State Assembly will vote on the bill before June 4, and the Senate vote will take place by September 10. The CPUC expects to reach a decision on the NEM tariff by late 2021. CalCCA has not yet taken a position on the Assembly bill.

The directors discussed how charging the prevailing wage for solar panel installation is counterproductive to fighting climate change; how higher income NEM customers are benefitting customers who cannot afford to take climate action by installing solar; how it is not

unusual for programs benefitting property owners to operate at the expense of non-property owners; the need for an analysis of the effects of charging prevailing wage; whether RCEA should align with CalCCA's position or take a position based on the agency's rural perspective; how the legislation could impact RCEA's electric generation revenue; how the bill allows investor-owned utilities (IOUs) to recoup funds; and the unlikelihood of IOUs developing additional programs to benefit lower-income customers. The directors expressed a willingness to remove their opposition if the bill were amended.

Member of the public Amber Woodworth spoke on behalf of Rise Energy, a local company of eight solar installers and asked the Board to oppose AB 1139. Ms. Woodworth stated that the bill will remove rooftop solar installation incentives for residences, schools, and businesses, devastate the California solar market and does not factor in the benefits of distributed energy generation, which is needed in addition to central energy generation.

Member of the public Rob McBeth opposed AB 1139, stating that 90% of the workforce represented by Humboldt Builders Exchange are non-union and receive benefits from local companies. Mr. McBeth stated that requiring prevailing wage would be a mistake and place an extreme burden on those companies.

Paul Woodworth submitted written comment asking the Board to oppose AB 1139, which he wrote would guarantee IOU profits at the expense of ratepayers and derail progress toward distributed energy generation and clean energy goals.

Joshua Pence of Rise Energy submitted written comment asking the Board to oppose AB 1139, which will end the growing rooftop solar industry. Mr. Pence asked the Board to support distributed generation and local solar jobs and reminded the directors that Humboldt County rejected large-scale wind in favor of rooftop solar.

Executive Director Marshall clarified that taking a legislative position is a general RCEA business matter, not a CCE business matter.

M/S: Losey, Avis: Oppose AB 1139 and direct staff to notify the Board should there be substantive changes to the legislation.

The motion passed with a unanimous roll call vote. Ayes: Avis, Bauer, Curran, Grover, Losey, F. Wilson, M. Wilson, Woo. Noes: None. Absent: Schaefer. Abstain: None.

OLD BUSINESS

7.1. Community Grid Program and Behind-the-Meter Resource Adequacy Contract with Swell Energy

Power Resources Manager Jocelyn Gwynn reported on the proposed Swell Energy contract which can add resource adequacy (RA) to RCEA's energy portfolio or permanently reduce RCEA's energy load depending on CPUC RA accreditation methodology. Participating customers could save money by charging their batteries when electricity rates are low and using stored energy when electricity is expensive. The batteries also can power critical loads during power outages, making the customer facilities more resilient. Through Swell, CAISO

will be able to use energy from customer batteries as a virtual power plant, helping to balance grid supply and demand during high demand periods such as extreme heat events.

The program's official start date will be May 2023. Swell will guide customers through the battery installation process, provide financing options and help them participate in the state Self-Generation Incentive Program. Swell CEO Suleman Khan expressed appreciation for RCEA's progressive development of behind-the-meter distributed energy resources. The contract is to enlist a minimum of 0.3 MW in customer battery storage for this program, which is equivalent to about 200 residential battery storage systems. Swell's long-term objectives are to install and enlist 3 MW of solar and battery storage systems locally and contribute to the local economy by working with the local installers and electrical contractors. Swell and RCEA staff share the goal of expanding storage systems accepted by the program to exceed resilience needs and become a capacity-providing resource. Both new customers and existing Humboldt County solar and battery system owners may participate.

No member of the public responded to Chair Woo's invitation for comment. Chair Woo closed the public comment period.

M/S: Avis, Bauer: Approve the Behind the Retail Meter Storage Capacity Agreement and Co-Marketing Agreement with Swell Energy and authorize the Executive Director to execute all associated documents, contingent on final review and approval by RCEA legal counsel.

The motion passed with a unanimous roll call vote. Ayes: Avis, Bauer, Curran, Grover, Losey, F. Wilson, M. Wilson, Woo. Noes: None. Absent: Schaefer. Abstain: None.

NEW BUSINESS

8.1. Creation of Deputy Executive Director Position and Updates to RCEA Organization Chart

Director Marshall reported that staff modeled the proposed Deputy Executive Director job description on the City of Eureka and City of Arcata's Deputy City Manager positions. The Deputy Executive Director would manage internal administrative functions such as human resources, information technology and non-energy risk management. The position requires public agency management and operation experience instead of energy experience and would be at the same organizational level as other department directors. Department directors would still make department-specific decisions in the Executive Directors' absence. Four existing administrative positions will report to the Deputy Executive Director.

Expanding RCEA's electric vehicle charging network, airport microgrid operation and planning for additional microgrids necessitate shifting some of the current Operations Director's IT responsibilities to the new Deputy Executive Director position. As agency contract and grant work has grown, the current Contracts and Grants Specialist's responsibility and skill levels have risen. This position should appropriately be adjusted to the manager level to reflect this change. The changes result in increased agency costs, but RCEA personnel costs remain relatively low at 6% of the budget, compared to 25 to 50% of typical public agency budgets.

No member of the public responded to Chair Woo's invitation for comment. Chair Woo closed the public comment period.

M/S: Curran, Grover: Approve:

1. **Creation of a Deputy Executive Director position**
2. **Update to the RCEA Organization Chart**
3. **Revising the Director of Operations position to Director of Infrastructure Planning and Operations**
4. **Revising the Contracts and Grants Specialist position to Contracts and Grants Manager.**

The motion passed with a unanimous roll call vote. Ayes: Avis, Bauer, Curran, Grover, Losey, F. Wilson, M. Wilson, Woo. Noes: None. Absent: Schaefer. Abstain: None.

8.2. Salary Schedule Update

Executive Director Marshall described the biennial salary survey of comparable local public agencies and rural community choice aggregators, the last of which was completed in 2019. The results of the current salary survey show RCEA salaries are about 16% below the average. A 16% increase of all pay steps of all job classes would result in less than 1% increase of the overall budget. The increase in remote work due to the pandemic allows Humboldt County residents to work for high-paying out-of-area organizations. There have been few applications for RCEA's technical job openings. RCEA has fewer paid holidays than comparable agencies.

RCEA has no unfunded pension liabilities and does not participate in CalPERS. Step increases are based on performance if the agency's budget allows. The directors expressed a desire to recruit the best staff possible and a concern that if electricity purchase and sales are subtracted, personnel costs comprise a larger percentage of the agency's limited budget.

No member of the public responded to Chair Woo's invitation for comment. Chair Woo closed the public comment period.

M/S: Grover, Bauer: Approve 1) update to the RCEA salary schedule with option A, a 16% increase and 2) the addition of César Chávez Day and two floating holidays to the paid holidays provided to RCEA staff.

The motion passed with the following roll call vote. Ayes: Avis, Bauer, Curran, Grover, Losey, M. Wilson, Woo. Noes: F. Wilson. Absent: Schaefer. Abstain: None.

8.3. FY 21-22 Preliminary Draft Budget

Executive Director Marshall reviewed the current year budget and the proposed budget for the next fiscal year. Airport microgrid construction delays are pushing costs and funding into the next fiscal year. Electricity sales are expected to increase, as will wholesale power costs and customer utility bill payment delinquency. Subtracting power purchase and sales, RCEA staff costs remain relatively low compared to local agencies with similar budgets. Customer efficiency and rebate programs will expand operations as pandemic restrictions ease.

Negative effects of the power charge indifference adjustment (PCIA) cap trigger will be felt in 2021. PCIA fees should be more stable in the long-term. Staff is investigating state and federal customer nonpayment relief options. Reserves building continues at moderate rates despite the negative market. Staff stressed the continued importance of reserves building, maintaining focus on long-term goals, and avoiding overly ambitious environmental targets at the expense of a fiscally-conservative procurement strategy.

No member of the public responded to Chair Woo's invitation for comment. Chair Woo closed the public comment period.

8.4. Offshore Wind Energy Harbor Redevelopment

Executive Director Marshall reported on the current Federal and State government support for offshore wind and the May California state budget revision's \$20 million allocation for offshore wind development. The allocation includes \$11 million for offshore wind port facility development, which could be used as matching funds to enable the Humboldt Bay Harbor, Recreation and Conservation District to apply for up to \$55 million in federal harbor funding to rebuild a dock as part of an offshore wind port facility. The due date for that grant application is July 30. The Harbor District has engaged a harbor infrastructure planning, design, and engineering firm to craft the grant proposal and is asking RCEA to contribute up to \$50,000 towards proposal development costs. Should the grant not be awarded to the Harbor District, the proposal, preplanning and design work can be used to seek future funding and for implementation. A dock facility is needed before the West Coast offshore wind industry can be developed.

The directors expressed support for Humboldt Bay as the West Coast offshore wind industry hub and saw grant application cost sharing as a signal of RCEA's commitment to cooperate with other agencies to develop this industry.

No member of the public responded to Chair Woo's invitation for comment. Chair Woo closed the public comment period.

M/S: Losey, Grover: Approve providing up to \$50,000 in funding to the Humboldt Bay Harbor District to plan and seek funding for the redevelopment of harbor infrastructure necessary for future offshore wind energy development activities.

The motion passed with a unanimous roll call vote. Ayes: Avis, Bauer, Curran, Grover, Losey, F. Wilson, M. Wilson, Woo. Noes: None. Absent: Schaefer. Abstain: None.

The directors requested a staff update on options for migrating back to in-person meetings+.

Chair Woo adjourned the meeting at 6:09 p.m.

Lori Taketa
Clerk of the Board

Redwood Coast Energy Authority
Disbursements Report
As of April 30, 2021

Type	Date	Num	Name	Memo	Amount
Liability Check	04/08/2021	E-pay	EDD	Taxes	-4,993.35
Liability Check	04/08/2021	E-pay	Internal Revenue Service	Taxes	-23,989.04
Liability Check	04/08/2021	E-pay	EDD	Taxes	-182.91
Liability Check	04/08/2021	E-pay	Internal Revenue Service	Taxes	-1,134.41
Liability Check	04/09/2021	ACH	Newport Group	Deferred Compensation Contributions	-13,352.50
Bill Pmt -Check	04/09/2021	ACH	CalCCA	Operational Member dues Q3 20/21	-28,783.00
Bill Pmt -Check	04/09/2021	ACH	Ford Logging dba Pacific Earthscape	Tree line removal - ACV Microgrid	-152,898.57
Check	04/09/2021	11649-53	NEM Customers	NEM Account Close Outs	-1,584.68
Bill Pmt -Check	04/09/2021	11654	Aiqueous, LLC	PowerPath Configuration - March	-34,342.50
Bill Pmt -Check	04/09/2021	11655	Arcata Technology Center	Site Host Reimbursement 1/1-3/31/21	-666.72
Bill Pmt -Check	04/09/2021	11656	Blue Lake Rancheria	Site Host Reimbursement 1/1-3/31/21	-37.10
Bill Pmt -Check	04/09/2021	11657	CA Dept. of Tax & Fee Administration	Electrical Energy Surcharge Return Q1 2021	-53,787.73
Bill Pmt -Check	04/09/2021	11658	Central Coast Community Energy	Cost-sharing for Legal & Consulting Services	-983.64
Bill Pmt -Check	04/09/2021	11659	City of Arcata	March Utility User Tax	-6,722.67
Bill Pmt -Check	04/09/2021	11660	City of Blue Lake	Site Host Reimbursement 1/1-3/31/21	-85.31
Bill Pmt -Check	04/09/2021	11661	City of Eureka-Water	Water service, 2/23-3/24/21	-81.76
Bill Pmt -Check	04/09/2021	11662	City of Eureka - REVNet	Site Host Reimbursement 1/1-3/31/21	-344.73
Bill Pmt -Check	04/09/2021	11663	City of Trinidad	Site Host Reimbursement 1/1-3/31/21	-250.08
Bill Pmt -Check	04/09/2021	11664	Colonial Life	Colonial Life Premiums April 2021	-499.90
Bill Pmt -Check	04/09/2021	11665	Donald Dame	Professional Services Mar 2021	-306.25
Bill Pmt -Check	04/09/2021	11666	Environmental Indicator Accounting Svcs.	Services & support for climate action plan.	-3,155.00
Bill Pmt -Check	04/09/2021	11667	FedEx	Shipping costs	-86.18
Bill Pmt -Check	04/09/2021	11668	Frontier Energy, Inc.	Professional Services - Program Support	-2,562.00
Bill Pmt -Check	04/09/2021	11669	HCOE	Business Card Printing	-10.50
Bill Pmt -Check	04/09/2021	11670	HireRight	Background Check: new hires	-88.91
Bill Pmt -Check	04/09/2021	11671	Humboldt Bay Coffee Co.	Office Coffee	-34.60
Bill Pmt -Check	04/09/2021	11672	North Coast Cleaning	March monthly cleaning service	-210.00
Bill Pmt -Check	04/09/2021	11673	North Coast Unified Air Quality	Site Host Reimbursement 1/1-3/31/21	-367.66
Bill Pmt -Check	04/09/2021	11674	NYLEX.net, Inc.	Onsite network support services - April	-3,200.00
Bill Pmt -Check	04/09/2021	11675	Open Door	Site Host Reimbursement 1/1-3/31/21	-181.33
Bill Pmt -Check	04/09/2021	11676	PG&E EV Account	EV stations March	-295.50
Bill Pmt -Check	04/09/2021	11677	PG&E Utility Account	2/23-3/23/21 utilities	-840.28
Bill Pmt -Check	04/09/2021	11678	Ray Morgan Company	Printer Charges: 3/6-4/5/21	-22.73
Bill Pmt -Check	04/09/2021	11679	Recology	March garbage service	-91.71
Bill Pmt -Check	04/09/2021	11680	SEL Engineering Services, Inc.	Professional Services - Microgrid	-19,834.00
Bill Pmt -Check	04/09/2021	11681	St. Joseph Hospital	Site Host Reimbursement 1/1-3/31/21	-493.44
Bill Pmt -Check	04/09/2021	11682	Suddenlink Communications	Phone & Internet access - March	-1,098.78
Bill Pmt -Check	04/09/2021	11683	Times Printing Company	Msc. printing	-1,253.68
Bill Pmt -Check	04/09/2021	11684	Verizon Wireless	March tablet/cell service for staff	-1,854.37
Bill Pmt -Check	04/09/2021	11685	VISA	March statement 2/20-3/22/21	-2,677.35
Bill Pmt -Check	04/09/2021	11686	City of Arcata	March Excessive Energy Use Tax	-4,136.65
Bill Pmt -Check	04/09/2021	11687	Bitthell, M.	Mileage reimbursement - March 2021	-55.20
Bill Pmt -Check	04/09/2021	11688	Boudreau, D.	March mileage reimbursement	-155.25
Paycheck	04/09/2021	ACH	Employees	Payroll 4/9/21	-57,943.35
Bill Pmt -Check	04/16/2021	ACH	Leapfrog Energy	Return of deposit - milestone 3	-495.00
Liability Check	04/21/2021	E-pay	EDD	Taxes	-4,815.39
Liability Check	04/21/2021	E-pay	Internal Revenue Service	Taxes	-23,161.48
Liability Check	04/21/2021	E-pay	EDD	Taxes	-132.27
Bill Pmt -Check	04/22/2021	ACH	Keenan	Anthem Medical Insurance May 2021	-24,522.33
Bill Pmt -Check	04/22/2021	ACH	CalPine Corporation	March 2021 Costs	-73,724.20
Bill Pmt -Check	04/22/2021	ACH	Snow Mountain Hydro, LLC	Cove plant hydro - MAR 2020	-23,060.45
Bill Pmt -Check	04/22/2021	ACH	Humboldt Redwood Company	Humboldt Redwood Co. March 2021	-348,669.42
Liability Check	04/22/2021	ACH	Newport Group	Deferred Compensation Contributions	-12,243.03
Check	04/23/2021	11689	NEM Customer	VOID: NEM Yearly Payout #6549956005	0.00

Redwood Coast Energy Authority
Disbursements Report
As of April 30, 2021

Type	Date	Num	Name	Memo	Amount
Check	04/23/2021	11690-889	NEM Customers	Annual Payouts	-84,506.18
Bill Pmt -Check	04/23/2021	11890	Ameritas - Dental	#010-055098-00001 May 2021	-1,562.84
Bill Pmt -Check	04/23/2021	11891	Ameritas - Vision	010-055098-00002 May 2021	-288.04
Bill Pmt -Check	04/23/2021	11892	Diamond, Nancy	Legal services	-12,665.30
Bill Pmt -Check	04/23/2021	11893	FedEx	Shipping costs	-83.29
Bill Pmt -Check	04/23/2021	11894	Humboldt Bay Coffee Co.	Office Coffee	-34.60
Bill Pmt -Check	04/23/2021	11895	Humboldt Builders' Exchange	Annual Membership and job listing	-400.00
Bill Pmt -Check	04/23/2021	11896	Michael Furniss	Professional Services	-38,086.90
Bill Pmt -Check	04/23/2021	11897	North Country Fair	Booth fee, North Country Fair	-180.00
Bill Pmt -Check	04/23/2021	11898	NYLEX.net, Inc.	Onsite network support services - May	-3,200.00
Bill Pmt -Check	04/23/2021	11899	PG&E CCA	March CCE Charges	-22,237.95
Bill Pmt -Check	04/23/2021	11900	Platt/Rexel	ResKit Supplies	-221.10
Bill Pmt -Check	04/23/2021	11901	Sonoma County Office of Education	Mar 2021 Professional Services	-336.00
Bill Pmt -Check	04/23/2021	11902	Times Printing Company	Advertising: Coloring Book	-775.23
Bill Pmt -Check	04/23/2021	11903	Winzler, John	Office Lease - May	-6,512.00
Liability Check	04/23/2021	11904	Umpqua Bank	74-3104616	-155.16
Paycheck	04/23/2021	ACH	Employees	Payroll 4/23/21	-56,446.44
TOTAL					<u>-1,164,189.92</u>

Redwood Coast Energy Authority
Profit & Loss Budget vs. Actual
July 2020 through April 2021

	Jul '20 - Apr 21	Budget	% of Budget
Ordinary Income/Expense			
Income			
5 REVENUE EARNED			
Total 5000 · Revenue - government agencies	77,420.00	737,317.00	10.5%
Total 5100 · Revenue - program related sales	11,313.53	9,000.00	125.71%
Total 5400 · Revenue-nongovernment agencies	776,404.24	1,556,600.00	49.88%
Total 5500 · Revenue - Electricity Sales	38,874,398.27	41,763,500.00	93.08%
Total 5 REVENUE EARNED	39,739,536.04	44,066,417.00	90.18%
Total Income	39,739,536.04	44,066,417.00	90.18%
Gross Profit	39,739,536.04	44,066,417.00	90.18%
Expense			
Total 6 WHOLESALE POWER SUPPLY	33,803,649.10	36,074,000.00	93.71%
Total 7 PERSONNEL EXPENSES	2,022,086.44	2,838,644.00	71.23%
Total 8.1 FACILITIES AND OPERATIONS	935,920.32	6,606,484.00	14.17%
Total 8.2 COMMUNICATIONS AND OUTREACH	57,418.01	114,000.00	50.37%
Total 8.3 TRAVEL AND MEETINGS	706.40	18,450.00	3.83%
8.4 PROFESSIONAL & PROGRAM SRVS			
8400 · Regulatory	147,460.21	200,000.00	73.73%
8410 · Contracts - Program Related Ser	230,614.13	326,000.00	70.74%
8420 · Accounting	19,280.00	75,000.00	25.71%
8430 · Legal	138,999.28	125,000.00	111.2%
8450 · Wholesale Services - TEA	514,488.70	620,500.00	82.92%
8460 · Procurement Credit - TEA	581,013.39	650,500.00	89.32%
8470 · Data Management - Calpine	839,202.44	913,450.00	91.87%
Total 8.4 PROFESSIONAL & PROGRAM SRVS	2,471,058.15	2,910,450.00	84.9%
Total 8.5 PROGRAM EXPENSES	482,106.98	627,550.00	76.82%
Total 8.6 INCENTIVES & REBATES	41,140.56	601,000.00	6.85%
Total 9 NON OPERATING COSTS	43,007.59	35,500.00	121.15%
Total Expense	39,857,093.55	49,826,078.00	79.99%
Net Ordinary Income	-117,557.51	-5,759,661.00	2.04%
Net Other Income	0.00	6,000,000.00	0.0%
Net Income	-117,557.51	240,339.00	-48.91%

Redwood Coast Energy Authority
Balance Sheet
As of April 30, 2021

	<u>Apr 30, 21</u>
ASSETS	
Current Assets	
Checking/Savings	
1010 · Petty Cash	493.22
1050 · GRANTS & DONATIONS 3840	15,204.58
1060 · Umpqua Checking Acct 0560	860,868.75
1071 · Umpqua Deposit Cntrol Acct 8215	3,935,616.13
1075 · Umpqua Reserve Account 2300	2,000,000.00
8413 · COUNTY TREASURY 3839	5,065.52
Total Checking/Savings	<u>6,817,248.20</u>
Total Accounts Receivable	284,398.86
Other Current Assets	
1101 · Allowance for Doubtful Accounts	-1,251,889.08
1103 · Accounts Receivable-Other	10,143,304.45
1120 · Inventory Asset	21,715.00
1202 · Prepaid Expenses	-12,638.16
1205 · Prepaid Insurance	-46,160.38
1210 · Retentions Receivable	1,001.00
1499 · Undeposited Funds	23,387.62
Total Other Current Assets	<u>8,878,720.45</u>
Total Current Assets	15,980,367.51
Total Fixed Assets	151,725.39
Other Assets	
1700 · Retained Deposits	3,971,875.00
Total Other Assets	<u>3,971,875.00</u>
TOTAL ASSETS	<u><u>20,103,967.90</u></u>
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
2000 · Accounts Payable	1,941,168.74
Total Accounts Payable	<u>1,941,168.74</u>
Total Credit Cards	9,659.45
Other Current Liabilities	
2013 · Unearned Revenue - PA 2020-2023	1,636,490.50
Total 2100 · Payroll Liabilities	<u>107,152.51</u>
Total Other Current Liabilities	<u>1,743,643.01</u>
Total Current Liabilities	<u>3,694,471.20</u>
Total Liabilities	3,694,471.20
Equity	
2320 · Investment in Capital Assets	151,725.38
3900 · Fund Balance	16,375,328.83
Net Income	-117,557.51
Total Equity	<u>16,409,496.70</u>
TOTAL LIABILITIES & EQUITY	<u><u>20,103,967.90</u></u>



REDWOOD COAST Energy Authority

STAFF REPORT Agenda Item # 3.5

AGENDA DATE:	June 24, 2021
TO:	Board of Directors
PREPARED BY:	Dana Boudreau, Director of Infrastructure Planning & Operations
SUBJECT:	Rebuilding American Infrastructure with Sustainability and Equity (RAISE) grant

SUMMARY

The Humboldt Transit Authority is applying to the U.S. Department of Transportation (DOT) for a \$3 million “Rebuilding American Infrastructure with Sustainability and Equity (RAISE)” grant. It is one of the few DOT discretionary programs where regional and local governments can directly compete for multimodal transportation funding.

The HTA application focuses on long-term planning to modernize existing, unmet, and future transit needs using low- or no-carbon fuels such as electrification and hydrogen. Planning will examine how to modify or enhance routes, design and locate multi-modal hubs and fueling infrastructure, analyze regional advanced fuel capacity and delivery, maximize advanced fuel usage, educate the public, engage with industry stakeholders, and so on.

HTA and the Humboldt County Association of Governments (HCAOG) are the lead agencies for regional transit initiatives, and RCEA includes transportation electrification as a key strategic goal. RCEA is a strong partner for the RAISE grant application and can deliver expertise on regional energy planning and advanced fuel infrastructure siting, electric utility coordination, greenhouse gas emission analysis, and education and outreach activities.

This is a highly competitive grant, but the submission team believes the proposal has merit since it tackles an unresolved challenge to optimize advanced-fuel fleets and associated infrastructure in a rural setting. There is no requirement for match funds, and no additional scoring if matching funds are provided. Awards will be divided evenly between urban and rural areas, improving chances for rural agencies.

FINANCIAL IMPACTS

Should HTA be awarded a RAISE grant, RCEA is budgeted to receive \$200,000.

RECOMMENDED ACTION

Adopt Resolution No. 2021-3, A Resolution of the Board of Directors of the Redwood Coast Energy Authority to Partner with the Humboldt Transit Authority on a U.S. Department of Transportation Equitable and Sustainable Public Transit Planning for Rural America Project Grant Application.

ATTACHMENTS

- Resolution No. 2021-3

RESOLUTION NO. 2021-3

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE REDWOOD COAST ENERGY AUTHORITY TO PARTNER WITH THE HUMBOLDT TRANSIT AUTHORITY ON A U.S. DEPARTMENT OF TRANSPORTATION EQUITABLE AND SUSTAINABLE PUBLIC TRANSIT PLANNING FOR RURAL AMERICA PROJECT GRANT APPLICATION

WHEREAS, the Humboldt Transit Authority (HTA) is applying for grant funds through the U.S. Department of Transportation Equitable and Sustainable Public Transit Planning for Rural America Project in July 2021; and

WHEREAS, HTA seeks to demonstrate how to achieve California decarbonization mandates for existing and future regional transit services in a rural setting; and

WHEREAS, the Redwood Coast Energy Authority (RCEA) holds transportation electrification as a key strategic planning goal; and

WHEREAS, RCEA recognizes hydrogen as a potential renewable energy storage resource undergoing early commercial evaluation, and completed a regional hydrogen readiness plan in 2019 to evaluate potential siting of hydrogen infrastructure in and around Humboldt County; and

WHEREAS, RCEA provides leadership in regional energy planning and advanced fuel infrastructure siting; and

WHEREAS, the County of Humboldt, local incorporated cities, and Tribes are establishing climate action planning goals such as transitioning from fossil to renewable fuels and shifting from single-occupancy to active and sustainable mass transit; and

WHEREAS, time is of the essence to eliminate the use of fossil fuels in transportation to mitigate the impacts of climate change and to realize the local economic benefits of transitioning to renewable sources of energy.

NOW THEREFORE, BE IT RESOLVED that the Board of Directors of the Redwood Coast Energy Authority elects to be a sub-applicant with HTA for the Equitable and Sustainable Public Transit Planning for Rural America Project.

BE IT FURTHER RESOLVED that RCEA staff is directed to:

1. Sign as a sub-applicant with this resolution as proof of commitment; and
2. Should the grant be awarded, engage with HTA on scope items to include but not be limited to:
 - a. Perform and/or update greenhouse gas emission analysis for selected transit design configurations of existing, unmet, and future needs.
 - b. Support efforts to site advanced fuel infrastructure.

- c. Coordinate electric utility feasibility studies and engineering design for two to four fuel infrastructure locations.
- d. Promote hydrogen uptake, such as through government fleets, at proposed infrastructure sites.
- e. Identify complementary electricity consumers to maximize transit fast-charging infrastructure usage, such as through dial-a-ride and similar mobility services.
- f. Conduct general public education and outreach to build local knowledge and acceptance of ZEV transit and fuel sources.
- g. Support regional grid capacity and upgrade requirements analysis where feasible.

Adopted this ____ day of _____, 2021

ATTEST:

Sheri Woo, RCEA Board Chair

Lori Taketa, Clerk of the Board

Date: _____

Date: _____

CLERK'S CERTIFICATE

I hereby certify that the foregoing is a true and correct copy of Resolution No. 2021-3 passed and adopted at a regular meeting of the Redwood Coast Energy Authority, County of Humboldt, State of California, held on the ____ day of _____, 2021, by the following vote:

AYES:

NOES:

ABSENT:

ABSTENTIONS:

Clerk of the Board, Redwood Coast Energy Authority



REDWOOD COAST Energy Authority

STAFF REPORT Agenda Item # 3.5

AGENDA DATE:	June 24, 2021
TO:	Board of Directors
PREPARED BY:	Lexie Fischer, Contracts & Grants Manager
SUBJECT:	Regulatory and Legal Services Agreement with Braun Blasing Smith and Wynne

SUMMARY

In response to the need for RCEA to obtain direct legal advice and/or representation in regulatory proceedings beyond the scope of services that The Energy Authority (TEA) was authorized to provide during the launch phases of the Community Choice Energy program, RCEA contracted directly with the Sacramento law firm of Braun Blasing Smith and Wynne P.C. (BBSW). The term of the resulting services agreement ended on January 31, 2021. To avoid disruption of ongoing and timely assistance with agency regulatory and legal needs, the Board authorized the extension of the agreement through June 2021.

Meanwhile, staff reevaluated related needs since hiring a staff regulatory manager last year and issued a request for proposals for services beyond the end of this fiscal year. RCEA received proposals from three firms and all proposals were deemed responsive to the request in its entirety. Staff further evaluated the proposals on the following criteria:

- Prior experience in providing regulatory and legal services to government agencies comparable to RCEA.
- Qualifications of the firm and assigned staff relative to RCEA's needs, as well as the quality of management support.
- Cost and fees.

Staff is recommending entering into an agreement with BBSW as a well-qualified firm with extensive direct experience with regulatory matters unique to CCAs, and the lowest per hour rates of the two most qualified firms.

FINANCIAL IMPACT

The hourly rates included in the BBSW proposal are \$10 - \$25 per hour higher (between 2% - 6% higher, depending on the position) than their current billing rates, which were established in the agreement executed in 2018. RCEA's current fiscal year budget for regulatory services is \$200,000 and spending through April is at about \$140,000. Staff anticipates that the proposed budget line item for the 2021-22 fiscal year will accommodate this modest increase in rates.

RECOMMENDED ACTION

Authorize the Executive Director to execute a Legal Services Agreement with Braun Blaising Smith Wynne, P.C. (BBSW) for regulatory support and legal services through June 2024, subject to sufficient budgetary allocations and pending RCEA General Counsel review.

ATTACHMENT

1. Braun Blaising Smith Wynne, P.C. Response to Request for Proposal for Regulatory and Legal Services



Braun Blaising
Smith Wynne

Response to Request for Proposal For Regulatory and Legal Services

Braun Blaising Smith Wynne, P.C.

June 14, 2021



Braun Blaising Smith Wynne, P.C. (BBSW) is pleased to present this proposal in response to the Request for Proposal for Regulatory and Legal Services issued June 1, 2021 (RFP). We greatly appreciate the opportunity we have been given to currently provide regulatory and legal services to Redwood Coast Energy Authority (RCEA) and we hope to contribute to the future success of RCEA.

SPECIFIC RESPONSES

I. Contact Information

Proposing firm's name, address, and phone, and the location of the office from which the services are to be performed. Name(s) of person(s) authorized to represent the firm, authorized to answer questions and bind the firm, including the person(s) title and contact information.

BBSW is a Sacramento-based law firm located at 555 Capitol Mall, Suite 570, Sacramento, CA 95814, (916) 326-5812. Scott Blaising and Justin Wynne are both authorized to answer questions and bind the firm.

Scott Blaising
Braun Blaising Smith Wynne, P.C.
555 Capitol Mall, Suite 570
Sacramento, CA 95814
blaising@braunlegal.com
Cell: (916) 712-3961

Justin Wynne, P.C.
Braun Blaising Smith Wynne, P.C.
555 Capitol Mall, Suite 570
Sacramento, CA 95814
wynne@braunlegal.com
Direct: (916) 326-5813
Cell: (916) 718-8085

II. Affirmative Statement

An affirmative statement that the firm and all assigned key professional staff are properly licensed to practice in California.

BBSW and all assigned key professional staff are properly licensed to practice law in California. Periodically, BBSW uses the services of law clerks and regulatory specialists under the supervision of BBSW's assigned lawyer(s), but not on any matters that specifically require work by a licensed attorney.

III. Professional Relationships Involving RCEA

List of any professional relationships involving RCEA for the past five (5) years, together with a statement explaining why such relationships do not constitute a conflict of interest relative to performing the proposed work.

BBSW currently provides legal and regulatory services to RCEA. BBSW has served RCEA directly in this role since February 1, 2018, having served RCEA indirectly since mid-2016 through The Energy Authority and the Local Energy Aggregation Network. It is BBSW's belief that our current relationship does not constitute a conflict of interest relative to performing the proposed work.

IV. Acknowledgement

A statement acknowledging that the firm shall give RCEA written notice of any professional relationships entered into during this period of agreement.

BBSW's current legal services agreement with RCEA contains various provisions addressing joint representation of RCEA and other Community Choice Aggregation programs. BBSW would expect that any successor agreement with RCEA would contain similar provisions. In any event, BBSW acknowledges that it will give RCEA written notice of any professional relationships entered into during the period of the agreement that might present a potential conflict with work BBSW is doing for RCEA.

V. Qualifications

A. Firm Qualifications

Provide a description of firm qualifications and experience with respect to the Scope of Work contained within this RFP.

In addition to RCEA, BBSW currently has the privilege of providing a range of regulatory and legal services to the following Community Choice Aggregation (CCA) programs: California Choice Energy Authority (cities of Baldwin Park, Lancaster, Pico Rivera, Rancho Mirage, San Jacinto, Santa Barbara and town of Apple Valley), Central Coast Community Energy, Clean Energy Alliance, Clean Power Alliance of Southern California, East Bay Community Energy, Marin Clean Energy, Peninsula Clean Energy, Pioneer Community Energy, San Diego Community Power, San José Clean Energy, Silicon Valley Clean Energy, and Sonoma Clean Power. In addition, BBSW serves as general counsel for California Community Power, a joint powers agency comprised of numerous CCAs (including RCEA), and as regulatory counsel on certain matters for the California Community Choice Association.

In its role as regulatory counsel for these CCA programs, BBSW provides a full range of services, including but not necessarily limited to, issue-specific analyses and opinions, regulatory reports and summaries, compliance-related activities, and regulatory advice and counsel. In addition, BBSW also provides representation (either individually or jointly) in regulatory proceedings before the CPUC. In regard to specific engagement at the CPUC, BBSW currently represents numerous CCAs and their associations on a myriad of energy market and regulatory structure issues, including the abbreviated list of representative examples:

- Engagement at the CPUC on a broad range of regulatory matters, including development of and compliance with Renewables Portfolio Standard (RPS) regulations for CCAs, development of and compliance with Integrated Resource Planning regulations for CCAs, advocacy for CCAs on Transportation Electrification, de-energization and microgrid matters, engagement and representation on electric utility rates (including numerous general rate case (GRC) matters and other complex ratesetting issues, like the Power Charge Indifference Adjustment (PCIA)), and other matters.

- On behalf of California’s publicly-owned utilities (POUs), direct engagement at the California Independent System Operator (CAISO) on almost all significant market issues, including Resource Adequacy (RA), energy storage and distributed energy rules and market interface, transmission planning and resulting cost allocations, renewable integration issues, energy imbalance market rules, market power mitigation, price formation, and CAISO backstop procurement.

In addition, BBSW also assists clients prepare solicitations for vendors, including consultants, counsel, analysts, accountants and auditors, and related matters. We have also directly negotiated project agreements including purchased power and storage agreements, on behalf of public agencies including CCAs and POUs.

Representative examples include:

- Development of a Request for Proposal for long-term eligible renewable energy resources for a small POU Group (consisting of the cities of Corona, Moreno Valley, Pittsburg, and Rancho Cucamonga), and drafting and negotiation of a resulting power purchase agreement (PPA) with SPower.
- Drafting and negotiation of a PPA with NextEra for the exclusive output from the Whitney Point solar project for a group of small POUs (PWRPA, Eastside Power Authority, and the cities of Moreno Valley and Pittsburg).
- Drafting and negotiation of a PPA with Brookfield Renewable for the output from the Alta Mesa Wind RP27 Wind Energy Center (Industry Public Utilities, and the cities of Victorville and Corona).
- Drafting and support in negotiation with EDP Renewables for the output of the Sandrini Sol 1 Solar Park (RCEA).
- Drafting and support in negotiation with Ormat for the RA attributes from the Tierra Buena Energy Storage project (RCEA).

Finally, the Legislature and CPUC have authorized CCAs to administer energy-related programs and seek cost recovery under CPUC-approved rates collected by the IOUs. BBSW has served as special counsel on the following efforts by CCAs seeking approval from the CPUC for energy-related programs, including: (1) Energy Efficiency Programs for Lancaster Choice Energy and RCEA; (2) Disadvantaged Communities Green Tariff and Community Solar Green Tariff Programs for Peninsula Clean Energy, San Jose Clean Energy, and the cities of Lancaster, Pico Rivera, and San Jacinto.



B. References

Provide a list of references for which the firm has performed regulatory and/or legal services for CCAs and/or State-funded energy efficiency programs.

The following is a list of BBSW clients, with *emphasis added* to CCA clients:

City of Anaheim	Monterey County Water Resources Agency
Balancing Authority of Northern California	City of Moreno Valley
California Choice Energy Authority	City of Needles
California Community Choice Association	Orange Cove Irrigation District
California Community Power	City of Pittsburg (Pittsburg Power Co.)
California Municipal Utilities Association	Peninsula Clean Energy Authority
Central Coast Community Energy	Pioneer Community Energy
Clean Energy Alliance	Port of Stockton
Clean Power Alliance of Southern CA	City of Rancho Cucamonga
City of Cerritos	Redwood Coast Energy Authority
City of Colton	Regents of the University of California
City of Corona	Sacramento Municipal Utility District
East Bay Community Energy	Salt River Project
Eastside Power Authority	City of San Jose
City of Indio	San Diego Community Power
City of Industry	Seattle City Light
Kirkwood Meadows Public Utility District	Silicon Valley Clean Energy
Lathrop Irrigation District	Sonoma Clean Power Authority
Local Energy Aggregation Network (LEAN)	Trinity Public Utilities District
Marin Clean Energy	Turlock Irrigation District
Merced Irrigation District	City of Victorville

The following references are provided:

California Choice Energy Authority

Cathy DeFalco
General Manager
cathy@calchoice.org

Sonoma Clean Power

Neal Reardon
Director of Regulatory Affairs
nreardon@sonomacleanpower.org

Central Coast Community Energy

Robert Shaw
General Counsel and Chief Operating Officer
rshaw@3ce.org



Pioneer Community Energy

Sam Kang
Chief Operating Officer
samk@pioneercommunityenergy.ca.gov

C. Personnel Qualifications

Provide a description of the qualifications of all personnel who will be assigned to these services.

BBSW anticipates that the following attorneys will provide services to RCEA.

Scott Blaising, Shareholder

Scott joined BBSW in 1998 after having worked for two of California's preeminent electric utilities: the Sacramento Municipal Utility District (SMUD) and Southern California Edison Company. Scott manages a group within BBSW that provides legal and regulatory services to California's growing number of CCAs.

Scott brings a significant amount of experience to his role as an advocate for CCAs. Scott was the lead attorney in the formation of the San Joaquin Valley Power Authority (SJVPA), the first public agency in California to submit a CCA implementation plan. Scott drafted SJVPA's formation documents and conducted SJVPA's regulatory activity at the CPUC. Among other things, Scott negotiated a settlement agreement with Pacific Gas and Electric Company (PG&E), which included a code of conduct governing marketing efforts. Scott was subsequently invited to participate on the drafting team for Senate Bill 790 (2011), drafting various sections of the CCA-centric legislation. Scott routinely appears before the CPUC to represent individual and joint CCAs on rate and policy matters and oversees the production of numerous regulatory reports and summaries for BBSW's CCA clients.

Scott received his bachelor's degree in business administration (finance) from the California Polytechnic State University at San Luis Obispo and his juris doctorate degree from the University of the Pacific, McGeorge School of Law. Scott is a member of the California State Bar.

Justin Wynne, Shareholder

Justin Wynne has extensive experience representing clients before the CPUC, California Energy Commission (CEC), and California Air Resources Board.

Justin is a leading expert on California's RPS. In his role representing the California Municipal Utilities Association (CMUA), Justin led a coalition of POUs in developing consensus positions and making numerous filings in both the CEC's and CPUC's RPS regulatory proceedings. Justin was deeply involved in the development of RPS legislation, including Senate Bill 350 (2015) and SB 100 (2018). Justin currently represents a large number of CCAs in the CPUC's ongoing RPS proceeding and assists with the development and filing of CCA RPS Procurement Plans.

Justin also has in-depth knowledge of California's net energy metering (NEM) and feed-in tariff requirements. He has developed NEM tariffs, rate schedules, and NEM Interconnection Agreements for numerous POUs. He has similarly helped guide POUs through the development of their feed-in tariffs. Justin frequently leads negotiations of power purchase and storage agreements on behalf of individual

CCAs and POUs.

Justin graduated from the University of California, Santa Barbara in and earned his juris doctor degree from the University of Pacific, McGeorge School of Law, where he served as the Technical Editor of the McGeorge Law Review. Justin is a member of the California State Bar.

David Pepper, Senior Attorney

David brings significant experience practicing before the CPUC. David has represented clients in complex planning and procurement proceedings at the CPUC, including the 2012 Long Term Transmission Planning proceeding, San Diego Gas and Electric's applications to purchase power from the proposed Pio Pico and Carlsbad Energy Center power plants, and the 2014 San Onofre Nuclear Generating Station decommissioning cost allocation proceeding. In these proceedings, David was responsible for high-level analysis and argument of both legal and technical issues, and in the Pio Pico proceeding David sponsored testimony on transmission planning issues as an expert witness. David has also led efforts by SMUD in relation to PG&E's last two natural gas transportation and storage proceedings before the CPUC.

David is a dedicated supporter of CCA programs. Prior to joining BBSW, David represented Climate Action Campaign, a San Diego-based nonprofit organization dedicated to reducing the impact of climate change through the implementation of CCA programs, in opposing San Diego Gas & Electric Company's request to form a dedicated anti-CCA lobbying and marketing division.

David's experience is backed by strong academic credentials. David is a 2009 graduate of the University of Michigan Law School. He has a master's degree in political science from the University of Michigan, and a bachelor's degree from U.C. Berkeley, where he graduated with high distinction (magna cum laude). David is a member of the California State Bar.

Joshua Stoops, Associate

Joshua brings a breadth of knowledge to BBSW regarding numerous land-use and environmental issues commonly faced in the energy industry. Prior to joining BBSW, Josh guided both private and public clients through environmental litigation at a large, Sacramento-based law firm. Josh is a member of the California State Bar and admitted to practice in the Northern and Eastern Districts of California. He is also a member of the Environmental Law Section of the Sacramento County Bar Association.

Josh spent his last year of law school as a law clerk at SMUD, where he gained valuable insight into public utility operation. Prior to SMUD, Josh interned at a large state agency, the California Department of Parks and Recreation, and at the Planning and Conservation League, a non-profit focused on land-use issues.

In 2009, the University of Oklahoma awarded Josh a Bachelor of Science degree in Zoology, with a minor in Political Science. Josh then attended law school at the University of California, Davis, School of Law, graduating in 2015. When away from his desk, Josh enjoys spending time with his wife and daughter, running, and woodworking.

Brittany Iles, Associate

Brittany joined BBSW as an Associate Attorney in 2018, having previously served as a Law Clerk while concurrently attending law school. Brittany provides regulatory and reporting services to numerous CCA programs in California. In addition, Brittany represents clients on legal and regulatory matters before the California Air Resources Board, CPUC, CEC, the Federal Energy Regulatory Commission (FERC), and the CAISO.

Brittany received her bachelor's degree in English from California State University Fullerton in 2014 and her juris doctor degree from the University of California, Davis School of Law in 2018. While in law school, Brittany served as a Board Member on the Moot Court Honors Board and as an Articles Editor for *Environs*, the Environmental Law and Policy Journal. Brittany is a member of the California State Bar.

Marissa Nava, Associate

Marissa joined BBSW as an Associate Attorney in 2019. She represents a range of clients on regulatory and compliance matters before the CEC, CPUC, and the CAISO.

Marissa received her J.D. from the University of California, Los Angeles School of Law in 2019. She received her B.A. in Communication with a minor in Political Science from the University of California, Davis in 2015, where she was elected to Phi Beta Kappa. During law school, Marissa completed an internship with PG&E and an externship with the CAISO. She also served as a Board Member of the La Raza Law Students Association and a Staff Editor of the Chicana-Latina Law Review. Marissa is a member of the California State Bar.

VI. Costs and Fees

The hourly rate for each attorney is as follows:

Tony Braun	\$420/hour
Scott Blaising	\$420/hour
Justin Wynne	\$360/hour
David Pepper	\$360/hour
Joshua Stoops	\$310/hour
Brittany Iles	\$275/hour
Marissa Nava	\$275/hour



STAFF REPORT
Agenda Item # 3.6

AGENDA DATE:	June 24, 2021
TO:	Board of Directors
PREPARED BY:	Lori Taketa, Clerk of the Board
SUBJECT:	Community Advisory Committee Member Nomination

BACKGROUND

Last month, Community Advisory Committee member Amin Younes informed staff of his move out of the area. The Board's Operating Guidelines require CAC members to maintain a primary residence in Humboldt County, which Mr. Younes does not. As Mr. Younes is a Humboldt Bay Municipal Water District appointee, Chair Sheri Woo was asked to seek another nominee.

Chair Woo has nominated Ethan Lawton to serve on the CAC. Mr. Lawton is a Tribal Liaison/Planner at SHN Consulting Engineers, and is a member of Humboldt CERT, American Indian Science and Engineering Society, Association of American Indian Affairs, Native Americans in Philanthropy and the National Congress of American Indians. He has lived in Humboldt County for over eight years and hopes to represent the Tribal communities in a wholistic manner, and to not exclusively represent any single tribe.

The current Community Advisory Committee members are:

REPRESENTING JURISDICTION	MEMBER NAME	TERM EXPIRATION DATE
AT-LARGE	Jerome Carman	4/12/2022
AT-LARGE	Colin Fiske	4/12/2022
AT-LARGE	Larry Goldberg, Chair	4/12/2022
AT-LARGE	Pam Halstead	4/12/2022
ARCATA	Norman Bell	4/11/2023
BLUE LAKE	Kit Mann	4/11/2023
COUNTY 1 (ORLEANS - E. HUMBOLDT)	Luna Latimer	4/11/2023
COUNTY 2	Vacant	4/11/2023
COUNTY 3	Vacant	4/12/2022
EUREKA	Catherine Gurin	4/11/2023
FERNDALE	Dennis Leonardi, Vice Chair	4/12/2022
FORTUNA	Elizabeth Burks	4/12/2022
HBMWD	Amin Younes (resigning)	4/12/2022
RIO DELL	Roger Hess	4/12/2022
TRINIDAD	Richard Johnson	4/11/2023

Staff would like to express appreciation to Mr. Younes for his service on the Community Advisory Committee since last year, and for his contributions to the Bond Exploration and Outreach and Messaging Subcommittees.

STAFF RECOMMENDATION

Appoint Ethan Lawton to the Community Advisory Committee for the remainder of a term ending on April 12, 2022.

ATTACHMENTS

None.



STAFF REPORT
Agenda Item # 5.1

AGENDA DATE:	June 24, 2020
TO:	Board of Directors
PREPARED BY:	Lori Biondini, Director of Business Planning and Finance Matthew Marshall, Executive Director
SUBJECT:	Fiscal Year 2021-22 Proposed Budget

SUMMARY

Attached is the proposed fiscal year 2021-2022 (FY21-22) annual budget. As reported in May, this current fiscal year was marked by the COVID-19 pandemic and significant uncertainty around energy revenue, energy costs, and the ability to implement customer programs and RCEA's major capital investment, the microgrid project. As a result, the budget contained conservative estimates of anticipated revenue as it was difficult to plan the extent to which customer programs and construction would be delayed. This has resulted in a rolling-over of many anticipated program expenses from this year to next as well as most of the loan funding and construction costs for the Airport Microgrid project.

The final proposed budget includes the following adjustment compared to the preliminary draft budget that was presented in May:

REVENUES

- **Revenue Earned - \$46,965,031:** Some small adjustment resulting in a slight increase compare to the May draft.
- **Debt Proceeds - \$6,600,000:** This line item was updated to include the entire \$6.6million in USDA financing for the microgrid project being realized in FY21-22. It should be noted that about half of these funds are for long-term financing of construction costs that were paid out of the RCEA general funding prior to July 2021 on an interim basis to cover the gap while the USDA loan processing has been delayed.

EXPENSES

- **Wholesale Power Supply - \$41,084,582:** No change from May.
- **Personnel - \$3,517,800:** Represents a 5% increase over May draft, reflecting Board personnel/compensation decisions made last month.
- **Facilities and Operations - \$3,313,389:** No change from May.
- **Communications and Outreach - \$118,570:** Increase of \$20,000 to include outreach activities related to offshore wind energy.
- **Travel and Meetings - \$44,300:** Slight decrease from May due to minor refinements.

- **Professional and Program Services - \$2,498,263:** 1% increase compared to May draft, resulting from some refined estimates and addition of \$80,000 budget for offshore wind activities.
- **Program Expenses - \$631,393:** No change from May.
- **Incentives and Rebates - \$601,00:** Decreased from May draft; the proposed budget includes a projected \$136,000 of CPUC-funded rebates (no change from May) along with carrying-forward and/or replenishing CCE-funded customer programs at the same levels as included the FY20-21 budget, as follows:

Electric vehicles, e-bikes, charging:	\$159,000
Heat pumps:	\$100,000
Residential Energy kits:	\$50,000
Mobile Home Solar:	\$50,000
Public Agency Technical Assist.:	\$55,000
Grocery Refrigeration:	\$16,000
Green Your Grow:	\$35,000
Total CCE-fund:	\$465,000

- **Non-operating Costs - \$414,320:** No change from May.

As has been discussed with the Board regularly in the past, there is a considerable degree of forecast uncertainty around RCEA's two main budget elements – retail electricity sales, which are tied to PG&E rates and the PCIA charge for legacy PG&E costs, and wholesale power costs, which have been both volatile and increasing recently. While there will always be a degree of forward-looking uncertainty, progress is being made to better manage these factors:

- CalCCA is working to develop a more sophisticated PG&E and PCIA forecasting tool. While PG&E rates will still be out of RCEA's control this new tool will hopefully provide more stable and reliable forecasts for planning purposes.
- RCEA has been increasing the number of long-term contracts in its power portfolio, which will provide more long-term stability for RCEA power costs as the projects associated with those contracts come online.

Staff will provide a summary presentation on the final proposed budget at the Board Meeting.

STAFF RECOMMENDATION

Adopt proposed RCEA Fiscal Year 2021-22 budget.

ATTACHMENTS

1. Proposed Fiscal Year 2021-22 RCEA Budget (with programmatic details)

Proposed Redwood Coast Energy Authority Fiscal Year 2021-2022 Budget

Account	COMMUNITY CHOICE ENERGY (CCE) - POWER RESOURCES			
	Core Power Resources	Airport Solar Microgrid	Redwood Coast Offshore Wind	TOTAL Power Resources
Income				
5 REVENUE EARNED				
Total 5000 · Revenue - government agencies	-	-	-	-
Total 5100 · Revenue - program related sales	-	-	-	-
Total 5400 · Revenue-nongovernment agencies	-	1,086,384	-	1,086,384
5500 · Revenue - Electricity Sales				-
5510 · Electricity Sales	46,492,402	-	-	46,492,402
5512 · NEM Rebates	(220,000)	-	-	(220,000)
5580 · Uncollectable Accounts	(1,627,234)	-	-	(1,627,234)
Total 5500 · Revenue - Electricity Sales	44,645,168	-	-	44,645,168
Total 5 REVENUE EARNED	44,645,168	1,086,384	-	45,731,552
9500 DEBT PROCEEDS	-	6,600,000	-	6,600,000
Total Income	44,645,168	7,686,384	-	52,331,552
Expense				
Total 6 WHOLESALE POWER SUPPLY	41,084,582	-	-	41,084,582
Total 7 PERSONNEL EXPENSES	621,375	115,750	86,775	823,900
Total 8.1 FACILITIES AND OPERATIONS	62,000	2,802,995	-	2,864,995
Total 8.2 COMMUNICATIONS AND OUTREACH	70,050	1,000	20,000	91,050
Total 8.3 TRAVEL AND MEETINGS	11,500	3,000	5,100	19,600
8.4 PROFESSIONAL & PROGRAM SRVS				
8400 · Regulatory	180,000	-	-	180,000
8410 · Contracts - Program Related Ser	20,000	-	80,000	100,000
8420 · Accounting	-	-	-	-
8430 · Legal	50,000	25,000	25,000	100,000
8450 · Wholesale Services - TEA	639,088	-	-	639,088
8460 · Procurement Credit - TEA	340,032	-	-	340,032
8470 · Data Management - Calpine	738,144	-	-	738,144
Total 8.4 PROFESSIONAL & PROGRAM SRVS	1,967,263	25,000	105,000	2,097,263
Total 8.5 PROGRAM EXPENSES	620,693	-	-	620,693
Total 8.6 INCENTIVES & REBATES	-	-	-	-
Total 9 NON OPERATING COSTS	11,000	403,000	-	414,000
Total Expense	44,448,463	3,350,745	216,875	48,016,083
Net Income	196,705	4,335,639	(216,875)	4,315,469

Proposed Redwood Coast Energy Authority Fiscal Year 2021-2022 Budget

Account	DEMAND-SIDE MANAGEMENT (DSM)			TOTAL DSM
	CCE DSM Services and Programs	PG&E Local Government Partnership Program	RCEA- Administered CPUC Efficiency Program	
Income				
5 REVENUE EARNED				
Total 5000 · Revenue - government agencies	-	-	700,000	700,000
Total 5100 · Revenue - program related sales	-	-	-	-
Total 5400 · Revenue-nongovernment agencies	-	291,489	-	291,489
5500 · Revenue - Electricity Sales				
5510 · Electricity Sales	-	-	-	-
5512 · NEM Rebates	-	-	-	-
5580 · Uncollectable Accounts	-	-	-	-
Total 5500 · Revenue - Electricity Sales	-	-	-	-
Total 5 REVENUE EARNED	-	291,489	700,000	991,489
9500 DEBT PROCEEDS	-	-	-	-
Total Income	-	291,489	700,000	991,489
Expense				
Total 6 WHOLESALE POWER SUPPLY	-	-	-	-
Total 7 PERSONNEL EXPENSES	798,800	201,900	389,000	1,389,700
Total 8.1 FACILITIES AND OPERATIONS	7,500	-	-	7,500
Total 8.2 COMMUNICATIONS AND OUTREACH	9,700	5,000	4,100	18,800
Total 8.3 TRAVEL AND MEETINGS	11,500	3,200	2,800	17,500
8.4 PROFESSIONAL & PROGRAM SRVS				
8400 · Regulatory	-	-	-	-
8410 · Contracts - Program Related Ser	160,000	12,000	35,000	207,000
8420 · Accounting	-	-	-	-
8430 · Legal	20,000	1,500	2,500	24,000
8450 · Wholesale Services - TEA	-	-	-	-
8460 · Procurement Credit - TEA	-	-	-	-
8470 · Data Management - Calpine	-	-	-	-
Total 8.4 PROFESSIONAL & PROGRAM SRVS	180,000	13,500	37,500	231,000
Total 8.5 PROGRAM EXPENSES	1,200	500	1,000	2,700
Total 8.6 INCENTIVES & REBATES	306,000	-	136,000	442,000
Total 9 NON OPERATING COSTS	-	-	-	-
Total Expense	1,314,700	224,100	570,400	2,109,200
Net Income	(1,314,700)	67,389	129,600	(1,117,711)

Proposed Redwood Coast Energy Authority Fiscal Year 2021-2022 Budget

Account	TRANSPORTATION		
	CCE Electric Transportation	CEC Medium/Heavy Duty ZEV Grant	TOTAL Transportation
Income			
5 REVENUE EARNED			
Total 5000 · Revenue - government agencies	111,000	100,000	211,000
Total 5100 · Revenue - program related sales	31,000	-	31,000
Total 5400 · Revenue-nongovernment agencies	-	-	-
5500 · Revenue - Electricity Sales			
5510 · Electricity Sales	-	-	-
5512 · NEM Rebates	-	-	-
5580 · Uncollectable Accounts	-	-	-
Total 5500 · Revenue - Electricity Sales	-	-	-
Total 5 REVENUE EARNED	142,000	100,000	242,000
9500 DEBT PROCEEDS	-	-	-
Total Income	142,000	100,000	242,000
Expense			
Total 6 WHOLESALE POWER SUPPLY	-	-	-
Total 7 PERSONNEL EXPENSES	150,400	52,500	202,900
Total 8.1 FACILITIES AND OPERATIONS	167,500	-	167,500
Total 8.2 COMMUNICATIONS AND OUTREACH	2,500	-	2,500
Total 8.3 TRAVEL AND MEETINGS	1,200	800	2,000
8.4 PROFESSIONAL & PROGRAM SRVS			
8400 · Regulatory	-	-	-
8410 · Contracts - Program Related Ser	5,000	25,000	30,000
8420 · Accounting	-	-	-
8430 · Legal	4,000	-	4,000
8450 · Wholesale Services - TEA	-	-	-
8460 · Procurement Credit - TEA	-	-	-
8470 · Data Management - Calpine	-	-	-
Total 8.4 PROFESSIONAL & PROGRAM SRVS	9,000	25,000	34,000
Total 8.5 PROGRAM EXPENSES	8,000	-	8,000
Total 8.6 INCENTIVES & REBATES	159,000	-	159,000
Total 9 NON OPERATING COSTS	-	-	-
Total Expense	497,600	78,300	575,900
Net Income	(355,600)	21,700	(333,900)

Proposed Redwood Coast Energy Authority Fiscal Year 2021-2022 Budget

Account	STRATEGIC PLANNING	GENERAL & ADMINISTRATIVE	PROPOSED FISCAL YEAR 2021-2022 BUDGET
Income			
5 REVENUE EARNED			
Total 5000 · Revenue - government agencies	-	-	911,000
Total 5100 · Revenue - program related sales	-	-	31,000
Total 5400 · Revenue-nongovernment agencies	-	-	1,377,873
5500 · Revenue - Electricity Sales			-
5510 · Electricity Sales	-	-	46,492,402
5512 · NEM Rebates	-	-	(220,000)
5580 · Uncollectable Accounts	-	-	(1,627,234)
Total 5500 · Revenue - Electricity Sales	-	-	44,645,168
Total 5 REVENUE EARNED	-	-	46,965,041
9500 DEBT PROCEEDS	-	-	6,600,000
Total Income	-	-	53,565,041
Expense			
Total 6 WHOLESALE POWER SUPPLY	-	-	41,084,582
Total 7 PERSONNEL EXPENSES	164,800	936,500	3,517,800
Total 8.1 FACILITIES AND OPERATIONS	-	273,394	3,313,389
Total 8.2 COMMUNICATIONS AND OUTREACH	-	6,220	118,570
Total 8.3 TRAVEL AND MEETINGS	100	5,100	44,300
8.4 PROFESSIONAL & PROGRAM SRVS			
8400 · Regulatory	-	-	180,000
8410 · Contracts - Program Related Ser	56,000	-	393,000
8420 · Accounting	-	55,000	55,000
8430 · Legal	-	25,000	153,000
8450 · Wholesale Services - TEA	-	-	639,088
8460 · Procurement Credit - TEA	-	-	340,032
8470 · Data Management - Calpine	-	-	738,144
Total 8.4 PROFESSIONAL & PROGRAM SRVS	56,000	80,000	2,498,263
Total 8.5 PROGRAM EXPENSES	-	-	631,393
Total 8.6 INCENTIVES & REBATES	-	-	601,000
Total 9 NON OPERATING COSTS	-	320	414,320
Total Expense	220,900	1,301,534	52,223,617
Net Income	(220,900)	(1,301,534)	1,341,424

Fiscal Year 2021-22 Proposed Budget Overview

Changes since May meeting:

- Proposed budget includes 16% increase to salary schedule, adopted in May meeting which results in a 5% increase of the Personnel budget line item.
- All income from USDA loan pushed into FY21-22.
- Slight increase in grants and contracts revenue to account for ACV microgrid State grant funds not drawn upon this fiscal year due to construction delays.

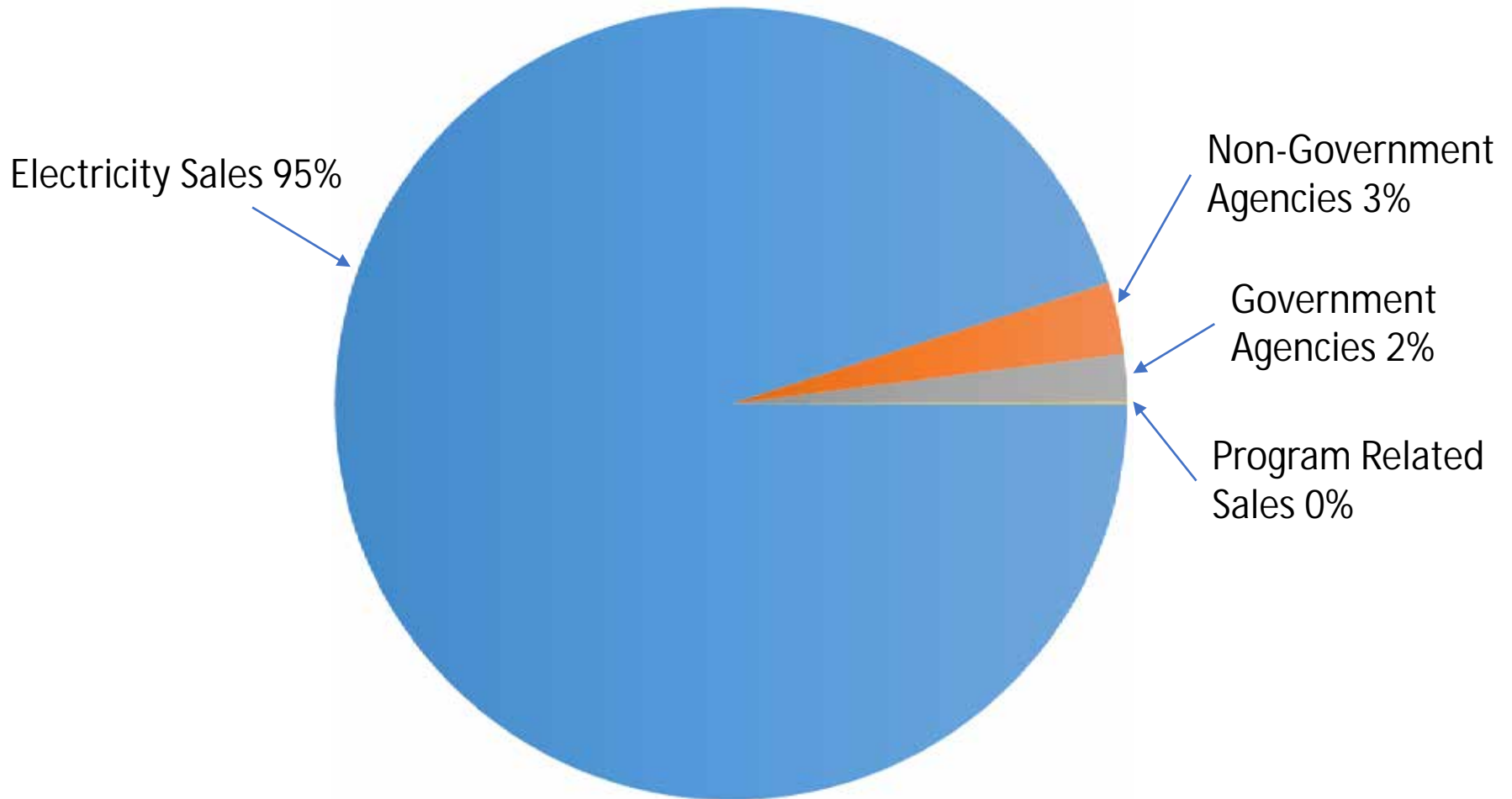
Revenue

	Current Budget	FY21-22 Proposed Budget
Electricity Sales	\$42.6 M	\$46.5 M
Customer non-payment/bad debt	\$0.85 M (2%); Looking to come in closer to \$1.8 M	\$(1.6 M) – assuming continuing economic impact from pandemic
Program-funding from grants, contracts, etc.	\$0.96 M	\$2.1 M Mostly energy efficiency, with some transportation grant funding
Airport microgrid	\$7.3 M <i>Most of this carrying forward to FY21-22 due to construction delay</i>	\$6.6 M

Expense

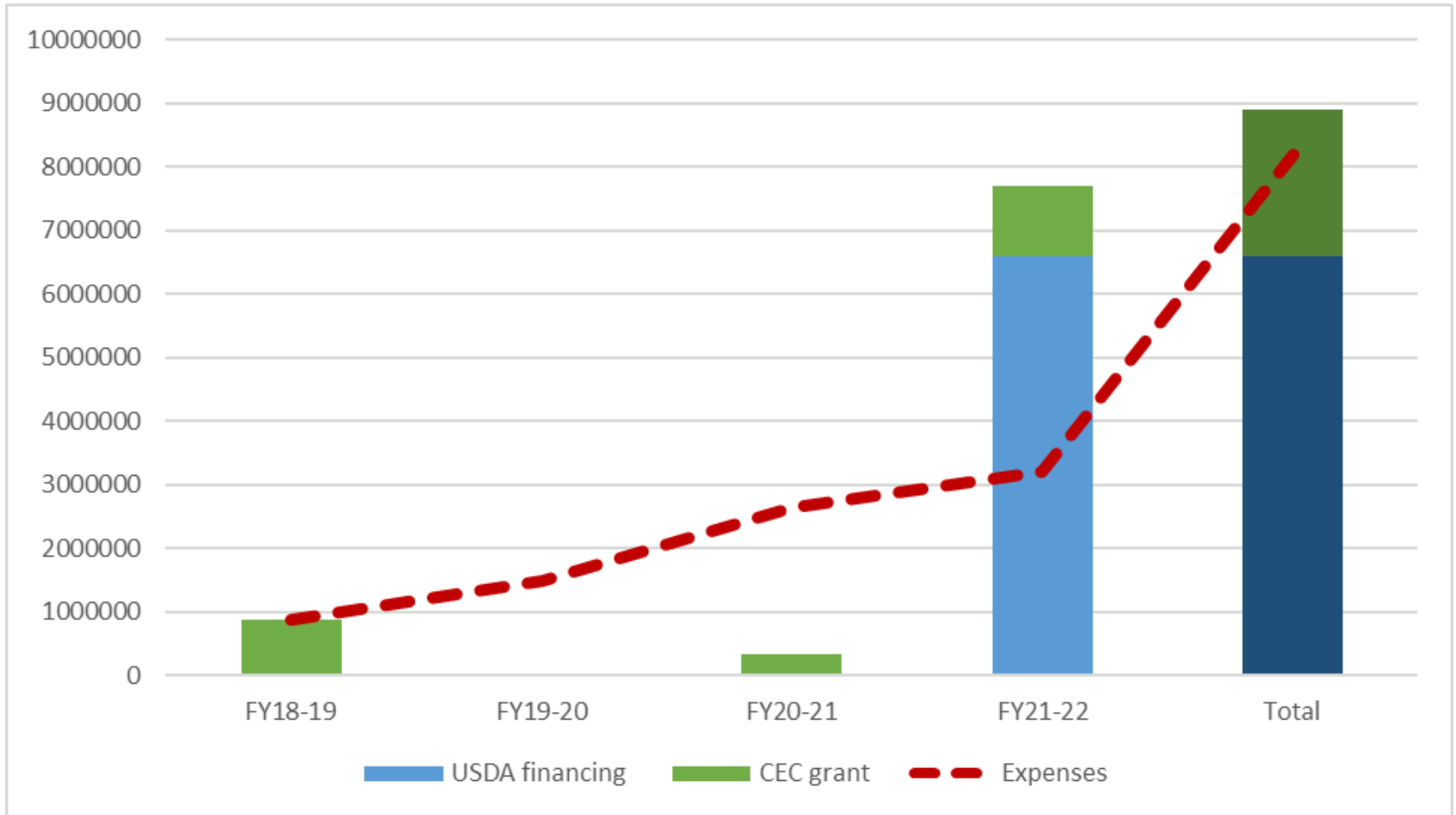
	Current Budget	FY21-22 Preliminary Draft
Wholesale power supply	\$36.1 M	\$41.1 M
Personnel	\$2.8 M	\$3.5 M
Program related services	\$2.9 M	\$2.5 M TEA and Calpine contract amendments resulting in cost savings
Airport Microgrid	\$5.9M <i>Much of this carrying forward due to shift in construction timeline</i>	\$3.3 M
Everything else	\$2M	\$1.8 M

Revenue

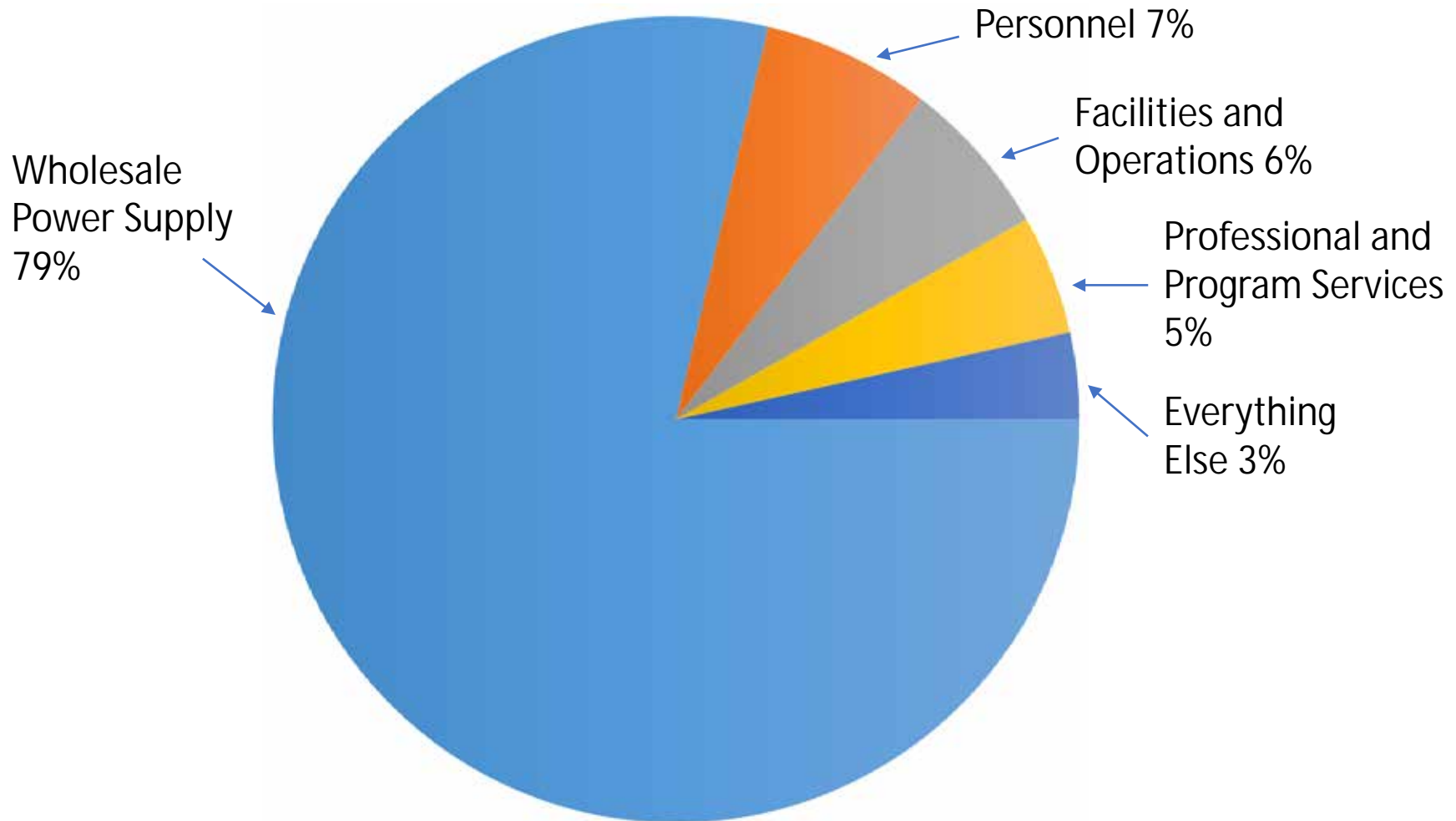


- **Gov:** State efficiency and EV-charging station upgrade funding
- **Non-Gov:** HSU pass-through microgrid grant funding, PG&E efficiency contract
- **Program Sales:** EV charging network
- Other income not included above: \$6 M USDA loan debt proceeds

Microgrid Project - timing of expenses vs funding



Expense



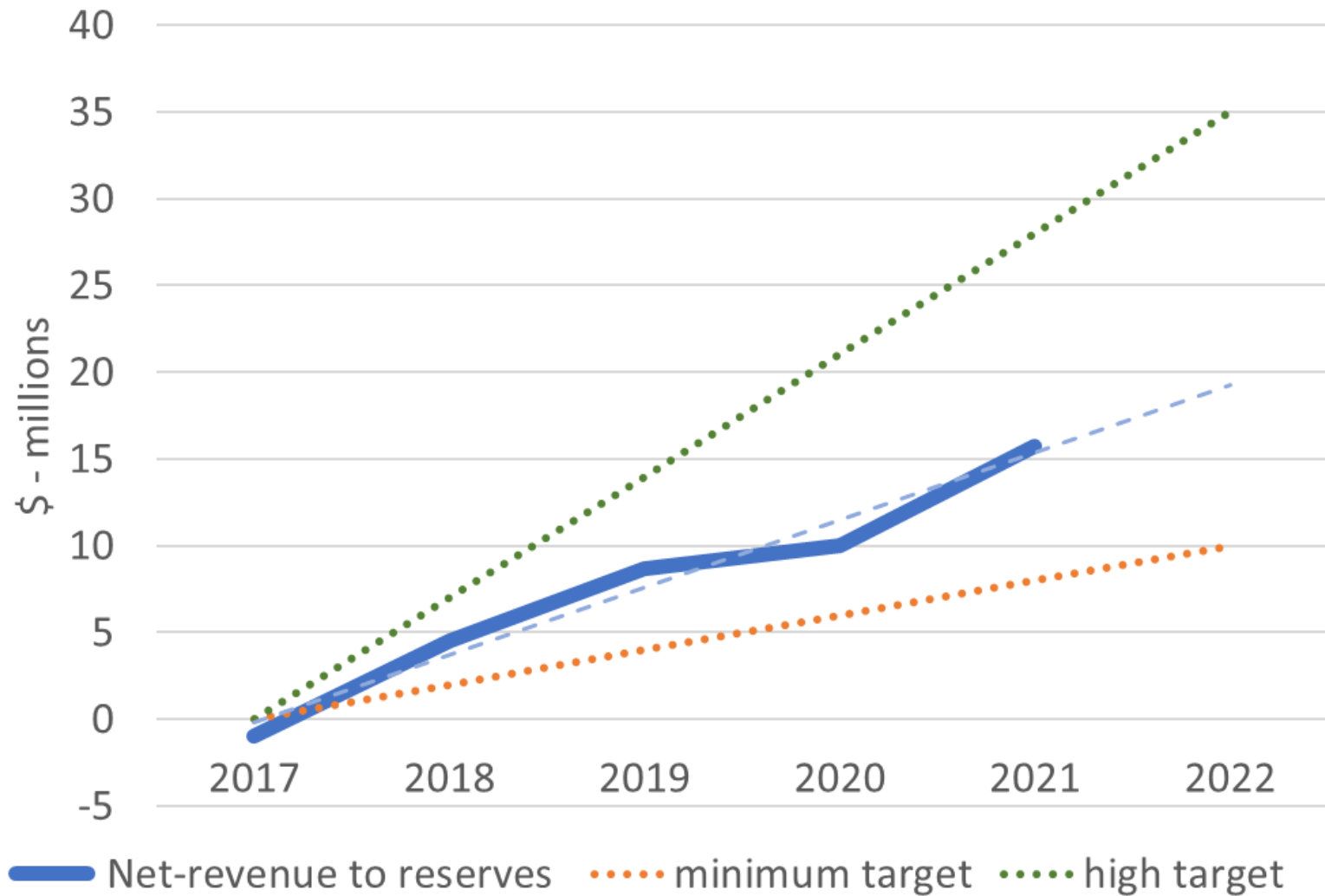
- **Facilities and Operations:** includes microgrid and EV charging station investments
- **Everything Else:** communications and outreach, travel, program expenses, incentives and rebates, and non-operating costs

Proposed Bottom-Line

	Current Budget	FY21-22 Proposed Budget
Revenue	\$50 M	\$53.5 M
Expenses	\$49.8 M	\$52.2 M
Net Revenue	\$0.2 M	\$1.3 M

- CCA program net revenue
 - 2020 (calendar year) ok, but PCIA and COVID-related impacts affecting 2021 calendar year.
 - Some rebalancing/return toward positive net revenue forecasted in 2022.
 - Updated forecasts show slight improvement to bottom line.
- Debt Proceeds
 - Drawing down the USDA loan funds in FY21-22 will cover some FY20-21 expenses.
 - Federal/State funding for customer bad debt is TBD.
 - Option to adjust 2022 power procurement targets.

Progress on Building Reserves





REDWOOD COAST Energy Authority

STAFF REPORT Agenda Item # 7.1

AGENDA DATE:	June 24, 2021
TO:	Board of Directors
FROM:	Lori Taketa, Clerk of the Board Matthew Marshall, Executive Director
SUBJECT:	Future Board Meeting Planning: In-Person, Hybrid, Virtual

SUMMARY

At the May Board meeting, Directors requested a staff report on returning to in-person public meetings.

Brown Act Waivers and Active Legislative Bills:

Governor Brown's Executive Order N-29-20 lifting certain teleconference meeting requirements will expire on September 30. After that time, directors participating from a remote location must once again post agendas at, and allow public meeting participation from, those locations. This will make director participation from private homes less likely.

One of the three Brown Act teleconference-related bills still active at the California state legislature, AB 703, would preserve members' ability to participate in meetings via teleconference without listing or opening their physical location to the public. This bill has been re-referred to the Assembly's Local Government Committee and has not yet crossed over to the Senate for reading.

Meeting transition options:

Virtual to In-Person:

The Board may elect to continue virtual meetings on Zoom through the end of September, then revert to in-person meetings at the Humboldt Bay Municipal Water District, abiding by the Water District's and Cal/OSHA health and safety requirements. Staff may need to implement physical distancing adjustments and purchase masks for public use.

Virtual to Hybrid:

Different jurisdictions and CCEs are planning for and implementing a combination of in-person and virtual meeting formats. These hybrid meetings allow the public and directors to participate from a meeting space as well as multiple remote locations. After September 30, if Brown Act

teleconference requirements are not changed through legislation, members may need to list their physical locations on the agenda and allow public access. To enable hybrid meetings, investment in equipment may be required.

FINANCIAL IMPACT

Hybrid meeting configurations can involve purchasing microphones, web cameras, a computer hub, speakers, a large monitor or projection system, sound mixer, internet access, computers and venue wiring. Initial inquiries into costs range from \$1,500 - \$8,000 on the affordable end of the spectrum to self-assemble a hybrid meeting system. Factors most affecting cost include video and sound quality preference and whether RCEA has existing equipment available for meeting use. Ongoing costs include online meeting platform subscription and one to two staff members in addition to the Clerk who would provide in-meeting support. The Water District has expressed interest in sharing costs to simply equip their Board room for hybrid meetings.

It may also be possible for the Board and Community Advisory Committee to meet in other venues already configured for hybrid meetings. This option would also require ongoing virtual meeting platform subscription costs, one to two in-meeting support staff in addition to the clerk and possible compensation for meeting room use.

STAFF RECOMMENDATION

Staff recommends that the Board determine its meeting preference for after Executive Order N-29-20 ends (in-person or hybrid) so staff can further investigate cost, technology and physical location options based on current law and health and safety requirements.

ATTACHMENTS:

None.



REDWOOD COAST **Energy**Authority

STAFF REPORT **Agenda Item # 7.2**

AGENDA DATE:	June 24, 2021
TO:	Board of Directors
PREPARED BY:	Dana Boudreau, Director of Infrastructure Planning & Operations
SUBJECT:	Informational update on the Redwood Coast Airport Microgrid Project

SUMMARY

Director of Infrastructure Planning & Operations Dana Boudreau will present an update on the Redwood Coast Airport Microgrid Project.

FINANCIAL IMPACTS

None.

RECOMMENDED ACTIONS

None.

ATTACHMENTS

- RCEA Board Update, June 2021: Redwood Coast Airport Renewable Energy Microgrid (Powerpoint presentation)

Redwood Coast Airport Renewable Energy Microgrid

RCEA Board Update, June 2021



Dana Boudreau, Redwood Coast Energy Authority



What is a microgrid?

A section of the electric power grid with energy generation and storage that can isolate (“island”) and autonomously supply power when the grid is down.

Humboldt County is prone to a variety of natural and human-made disasters. A microgrid that supplies power to critical facilities in an emergency makes us more resilient.



Project Objectives

Community Benefits

- Renewable energy development creates jobs, keeps energy dollars local, increases energy security, reduces price volatility, increases local control & ownership
- Reduce greenhouse gas emissions
- Provide resilience to essential services in the face of climate change

Ratepayer Benefits

- Design and install the first front-of-the-meter, multi-customer microgrid in California
- Demonstrate a viable, replicable business model for a 100% renewable community scale microgrid
- Develop agreements, standards and processes for replicability



Source: US Coast Guard

Key Project Partners

- **Redwood Coast Energy Authority:** local CCA, distributed generation owner & co-funder
- **Schatz Energy Research Center:** prime contractor & technology integrator
- **Pacific Gas & Electric:** distribution system operator
- **CEC and PG&E Electric Program Investment Charge (EPIC):** grant funders
- **County of Humboldt:** airport owner/operator
- **TRC Companies:** business case, cybersecurity
- **Key Vendors:** Tesla (PV/battery) **Schweitzer Engr. Labs** (controls, software), **TEA** (CAISO market participation)



Project Description

- Solar + battery storage facility
- 2.2 MW PV array and 2.2 MW/8.8 MWh battery storage for wholesale market
- 300 kW_{AC} net-metered PV array to reduce and stabilize airport electric bills
- Microgrid controllers allow system to island and provide uninterruptible power virtually indefinitely
- EV chargers demonstrate load shedding, vehicle charging during disasters



Work to date

- Lease agreement completed with County
- 100% system design, site approvals, permits
- Coordinated FAA approval process
- Finalized USDA loan application (pending)
- Established cultural monitoring



**Federal Aviation
Administration**



Rural Development
U.S. DEPARTMENT OF AGRICULTURE

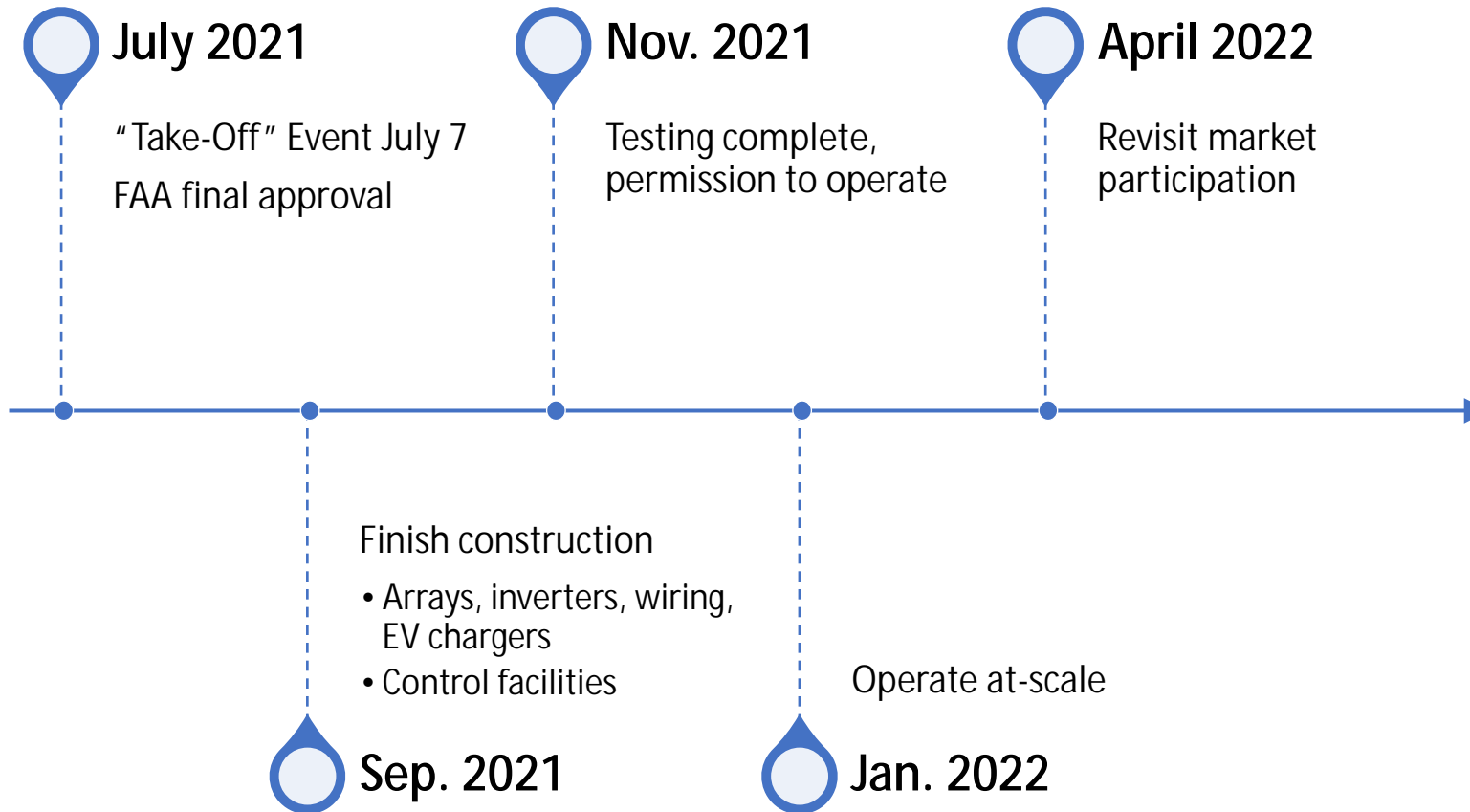


Work to date (continued)

- Runway underground powerline relocated
- Site prep: tree removal, fencing, solar pilings
- Solar array electrical conduits
- Switchyard conduit runs, concrete pads
- Battery storage modules placed



Upcoming work



An aerial photograph of the Redwood Coast Airport. The runway and taxiway are visible, surrounded by grassy fields. In the background, a sandy beach meets the ocean under a clear blue sky. The wing of the aircraft from which the photo was taken is visible at the top.

Thank you. Questions?