



Redwood Coast Energy Authority

633 3rd Street, Eureka, CA 95501

Phone: (707) 269-1700 Toll-Free (800) 931-RCEA Fax: (707) 269-1777

E-mail: info@redwoodenergy.org Web: www.redwoodenergy.org

SPECIAL MEETING AGENDA

Humboldt Bay Municipal Water District Office
828 7th Street, Eureka, CA 95501

March 28, 2018
Wednesday, 3:15 p.m.

RCEA will accommodate those with special needs. Arrangements for people with disabilities who attend RCEA meetings can be made in advance by contacting Lori Taketa or front office staff at RCEA, 633 3rd Street, Eureka, or by calling 269-1700, or by e-mail at Ltaketa@redwoodenergy.org, by noon the day of the meeting.

OPEN SESSION Call to Order

1. REPORTS FROM MEMBER ENTITIES

2. ORAL COMMUNICATIONS

This time is provided for people to address the Board or submit written communications on matters not on the agenda. At the conclusion of all oral and written 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 on 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 February 26, 2018, Regular Board Meeting.

3.2 Approve Disbursements Report.

3.3 Accept Financial Reports.

3.4 Approve Amendment No. 3 to Agreement for Employment of Executive Director with Matthew Marshall, Revising Salary from Step 1 to 2 Effective February 1, 2018.

4. REMOVED FROM CONSENT CALENDAR ITEMS

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

5. OLD BUSINESS

5.1 Offshore Wind Energy Development Partners Request for Qualifications

Select for agreement negotiations the respondent team of Principle Power Inc, Aker Solutions Inc, EDPR Offshore North America LLC, HT Harvey & Associates, and Herrera Environmental Consultants Inc, and direct the Executive Director to negotiate an agreement subject to final Board approval.

5.2 Community Advisory Committee (CAC) Membership

Appoint members to the Community Advisory Committee.

6. NEW BUSINESS

6.1 Regulatory Support Services

Approve Legal Services Agreement with Braun Blasing Smith Wynne, P.C. (BBSW) for regulatory support and legal services in support of RCEA's CCE program, and authorize the Executive Director to engage and direct BBSW on specific matters as needed based on his determination, subject to sufficient budgetary allocations.

COMMUNITY CHOICE ENERGY (CCE) BUSINESS (Confirm CCE Quorum)

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.

7. OLD CCE BUSINESS

None.

8. NEW CCE BUSINESS

8.1 Approval of Multi-Year Resource Adequacy Procurement

Approve procurement by TEA of multi-year resource adequacy for the period January 2019-December 2022, subject to bid acceptance and negotiation with PG&E.

END OF COMMUNITY CHOICE ENERGY (CCE) BUSINESS

9. STAFF REPORTS

9.1 Executive Director

- California Offshore Wind Industry Symposium
- Terra-Gen Proposed Monument Ridge Wind Project

9.2 Director of Operations

- Electric vehicle DC fast-charging station update

10. ADJOURNMENT

NEXT REGULAR MEETING

Monday, April 16, 2018, 3:15 p.m.
Humboldt Bay Municipal Water District Office
828 7th Street, Eureka, CA 95501

Public Comment

COMPOSTING ALTERNATIVES FOR MILL WASTE

BIOSOLIDS + MILL WASTE

KELOWNA, BC Ogogrow is a composted mix of biosolids, two types of wood waste (hog fuel and white wood respectively) and wood ash. The composting is done by the City of Kelowna.

Biosolids are sourced from wastewater treatment facilities Wood waste is collected from local lumber mills, ground yard waste and recycled clean lumber from the Kelowna landfill. The aerobic composting facility has been operating since 2006. The process takes 8 weeks. .

Annual sales of compost brings in revenue of \$450,000, offsetting about 30% of the compost system's total operating expenses. The supply barely keeps up with local demand.

<https://www.kelowna.ca/city-services/garbage-recycling-yard-waste/okanagan-compost/ogogrow/how-ogogrow-made>

SEATTLE, WA Groco is a composted mix of Seattle municipal biosolids and mill sawdust. The composting is done by a private company, Sawdust Supply Company Inc., under contract with King County since 1976. It is sold commercially and has a loyal market of landscapers and gardeners.

<http://www.sawdustsupply.com/groco-soil-conditioner-mulch>

ARLINGTON, WA Municipal facility composting biosolids with hog fuel (mill waste) since 2004. Process takes 5-6 weeks. Compost used on city projects including parks, ball fields, golf course, stormwater rain gardens, medians and road shoulders. <https://nwbiosolids.org/whats-happening/member-spotlight/2015/january/city-arlington-wa>

FISH WASTE + MILL WASTE

BELFAIR, WA North Mason Fiber has been combining waste from Pacific NW fish processors and timber mills to create compost since 2006. The compost is certified organic and sold commercially.

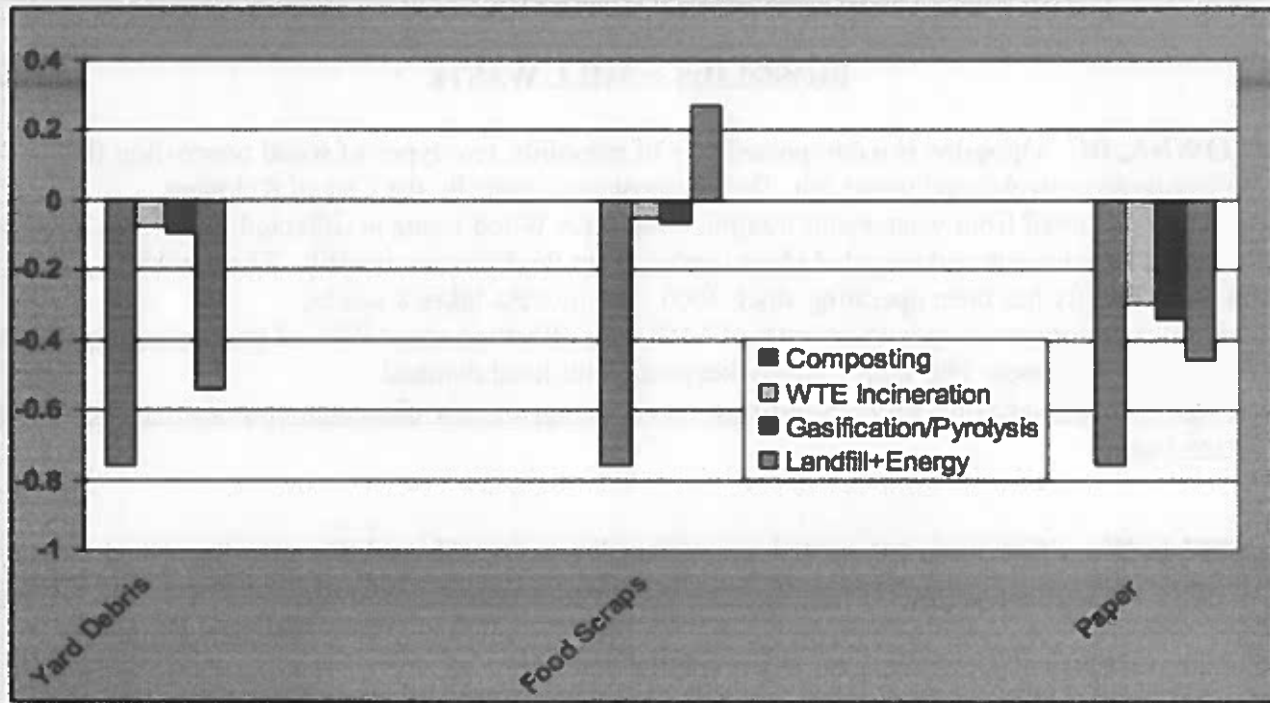
www.olyfish.com

PETERSBURG, AK Tribal enterprise uses waste from fish processing and chipped waste wood. Compost is sold.

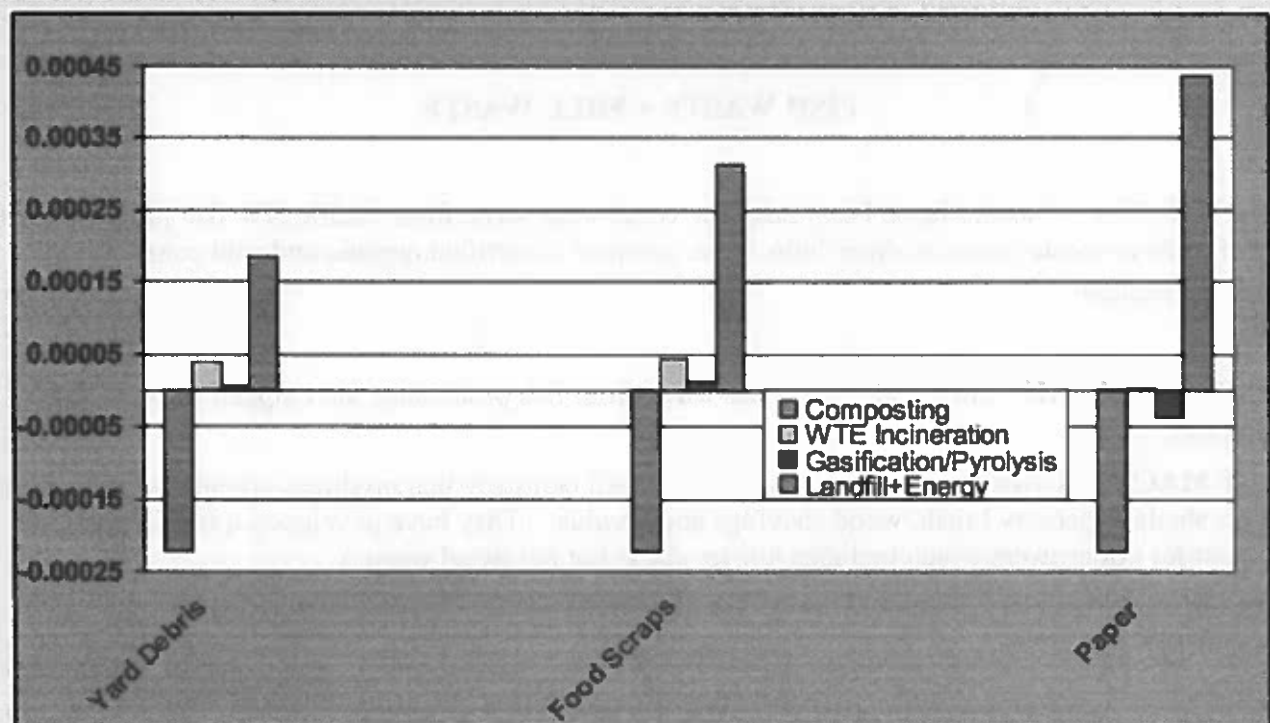
EAST MACHIUS, ME Coast of Maine is a for profit company that produces organic compost from lobster shells, blueberry brush, wood shavings and sawdust (They have developed a special premium compost for pot growers which includes lobster shells but not wood waste.)

<https://bangordailynews.com/2015/07/10/business/medical-pot-opens-new-market-for-down-east-lobster-compost-maker/>

CO₂ Emissions: Composting vs. Disposal (tons eCO₂/ton)



Particulate Emissions: Composting vs. Disposal (tons ePM_{2.5}/ton)



Dr Jeffrey Morris
Sound Resource Management
Olympia WA
360-867-1033

A. Tables

Table S1
Clean Wood Waste Management Carbon Emissions & Emission Offsets
(kg CO₂-eqMg⁻¹ wood waste)

	Wood Products	Paper Pulp	Fuel vs. N. Gas	Fuel vs. Coal	LFGTE (75%)	Flare LFG (75%)	Vent LFG	WTE
Direct Emissions								
Hauling	18	18	4	4	5	5	5	2
Processing & Chipping	92	92	69	69				
Combustion			1,559	1,559	155	151		1,528
Biodegradation					288	288	1,152	
Disposal Operations			1	1	19	19	19	32
Emissions Offsets								
Virgin Reconstituted Wood Products Inputs	(56)							
Virgin Papermaking Pulp Production Inputs		(47)						
Natural Gas Production & Combustion			(868)		(88)			(475)
Coal Production & Combustion				(1,616)				
Net Emissions	54	63	765	17	379	463	1,176	1,087
Ranking (best = 1)	2	3	6	1	4	5	8	7

Note: CO₂-eq is carbon dioxide equivalents.

2016 Journal of Industrial Ecology – www.wileyonlinelibrary.com/journal/jie

Table S2
Clean Wood Waste Management Human Health Criteria Air Pollutant Emissions & Emission Offsets
(kg PM_{2.5}-eq Mg⁻¹ wood waste)

	Wood Products	Paper Pulp	Fuel vs. N. Gas	Fuel vs. Coal	LFGTE (75%)	Flare LFG (75%)	Vent LFG	WTE
Direct Emissions								
Hauling	1.7E-03	1.7E-03	3.4E-04	3.4E-04	6.2E-04	6.2E-04	5.2E-04	2.1E-04
Processing & Chipping	3.1E-02	3.1E-02	2.3E-02	2.3E-02				
Combustion			1.7E+00	1.7E+00	2.7E-02	7.9E-03		2.9E-02
Biodegradation					0.0E+00	0.0E+00	0.0E+00	
Disposal Operations			7.0E-04	7.0E-04	6.4E-04	6.4E-04	6.4E-04	7.0E-04
Emissions Offsets								
Virgin Reconstituted Wood Products Inputs	(2.2E-01)							
Virgin Papermaking Pulp Production Inputs		(1.8E-01)						
Natural Gas Production & Combustion			(1.2E-01)		(1.7E-02)			(6.3E-02)
Coal Production & Combustion				(2.6E+00)				
Net Emissions	(1.9E-01)	(1.6E-01)	1.6E+00	(8.8E-01)	1.1E-02	9.1E-03	1.2E-03	(3.3E-02)
Ranking (best = 1)	2	3	8	1	7	6	5	4

Note: PM_{2.5}-eq is particulate matter less than or equal to 2.5 micron equivalents.



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MEETING MINUTES

**Humboldt Bay Municipal Water District Office
828 7th Street, Eureka, CA 95501**

**February 26, 2018
Monday, 3:15 p.m.**

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ROLL CALL

Board Chair Woo called the meeting to order at 3:15 p.m.

Present: Dan Brown, Austin Allison, Bobbi Ricca, Sheri Woo, Michael Winkler, Dwight Miller, Frank Wilson, Dean Glaser.

Absent: Estelle Fennell.

1. REPORTS FROM MEMBER ENTITIES

Director Allison reported that the Eureka City Council dissolved its Energy Committee, which was experiencing quorum issues.

Director Glaser inquired whether there was a fee to use electric vehicle charging stations.

Director Winkler said there were three bills before the State Legislature regarding building electrification and moving away from natural gas use. He is inquiring whether the City of Arcata will take a position on these and is interested in RCEA potentially also taking a position.

2. ORAL COMMUNICATIONS

This time is provided for people to address the Board or submit written communications on matters not on the agenda. At the conclusion of all oral and written 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.

Executive Director Matthew Marshall provided written comments submitted to the Board by member of the public Ellen Golla. Two typos in the draft minutes that were corrected after the original packet was distributed were also pointed out.

3. CONSENT CALENDAR

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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 January 22, 2018, Regular Board Meeting.

3.2 Approve Warrants.

3.3 Accept Financial Reports.

Chair Woo pulled consent calendar items 3.2 and 3.3.

M/S/C: Miller, Ricca: Approve consent calendar items with the exception of 3.2 and 3.3.

4. REMOVED FROM CONSENT CALENDAR ITEMS

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

Director Woo asked for additional information on the the payment to First Lighting Systems, and also for clarification on the year-to date-net income and reserve contributions budget.

Staff explained that a payment in the warrants to First Light Systems was an Energy Watch Program incentive paid to a contractor for doing a lighting retrofit project. This payment is based on energy savings, not on the contractor's bill amount.

Regarding the financial reports, staff explained that there is a lag of up to two-months between when the agency pays wholesale power bills and when customers pay their utility bills. During this time the agency floats cash flow on the revenue side. So, while net revenue on an accrual basis is on track, contributions to the reserve fund are being delayed until after the operating account is adequately funded to cover cashflow needs.

M/S/C: Glaser, Winkler: Approve consent calendar items 3.2 and 3.3.

5. OLD BUSINESS

5.1 Community Advisory Committee (CAC) Membership

Appoint Craig Mitchell to the Humboldt Bay Municipal Water District seat and reappoint Matty Tittman to the County 2 (Southern Humboldt) seat on the CAC.

Establish ad-hoc CAC at-large candidate Board subcommittee to review and recommend applicants to fill the four at-large vacancies.

Director Glaser asked that the Fortuna seat be left open until an interested community member applies. Humboldt Bay Municipal Water District nominee Craig Mitchell introduced himself to the Board. He is an engineering student at Humboldt State University focusing on renewable energy and a former Humboldt-based Coast Guard electrician.

M/S/C: Miller, Ricca: Appoint Craig Mitchell to the Humboldt Bay Municipal Water District seat and reappoint Matty Tittman to the County 2 (Southern Humboldt) seat on the CAC.

Directors Winkler and Sweeney agreed to review Community Advisory Committee at-large seat applications and recommend members for appointment. The Board agreed that two directors were sufficient for this subcommittee.

M/S/C: Miller, Ricca: Establish ad-hoc CAC at-large candidate Board subcommittee to review and recommend applicants to fill the four at-large vacancies, and appoint Director Michael Sweeney and Director Michael Winkler to the candidate review subcommittee.

6. NEW BUSINESS

6.1 FY15-16 Fiscal Audit

Accept and approve FY15-16 Independent Fiscal Audit Report.

Director of Finance and Human Resources Steve Edmiston provided an overview of the audit and stated that his goal is to present the FY 2017 audit to the Board before the end of the fiscal year.

Board members expressed appreciation that the agency is working to address the auditor's findings and recommendations. Staff Director Edmiston confirmed that all findings are being addressed and that the audit states the agency is in a favorable position. Chair Woo and Director Glaser stated that addressing the audits' findings and completing both the audits and budgets in a timely manner are important because of the agency's growth and the public's need to know that funds are being handled properly.

M/S/C: Winkler, Miller: Accept and approve FY 15-16 Independent Fiscal Audit Report.

6.2 Mid-Year Budget Review (no action, information only)

Executive Director Marshall presented information on RCEA's budget, pointing out that electricity sales revenue and wholesale power supply costs are by far the largest part of the agency's budget, with the other significant expense categories being personnel and professional and program services (such as from TEA and Calpine Energy Solutions). Director Marshall stated that the RCEA budget is generally on track overall for fiscal year 2017-18, with both revenues and expenses slightly below projections.

COMMUNITY CHOICE ENERGY (CCE) BUSINESS (Confirm CCE Quorum)

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.

7. OLD CCE BUSINESS

7.1. Energy Risk Management Quarterly Report (no action, information only)

Director of Power Resources Richard Engel reviewed RCEA's energy risk management policy and the agency's compliance with the policy. The policy's goals include keeping rates competitive with PG&E's and building program reserves. He stated RCEA may eventually need one or more regulatory analyst staff positions to increase regulatory monitoring and analysis, as other community choice aggregators have.

Director Wilson pointed out public confusion over some customers being enrolled in to the community choice energy (CCE) program and then being inadvertently opted out. Board members also requested more local news, cable television and mail outreach, especially to older residents, explaining how customers save money by participating in the program. Director Wilson suggested that some misunderstandings originated when the CCE program began and the CCE charges replaced PG&E generation charges on the bill; PG&E increased its rates around the same time, making it appear that higher rates were due to RCEA's new program.

Staff said additional information comparing and explaining PG&E and CCE rates can be added to the RCEA website and that the PG&E and RCEA joint rate mailer will be sent out in July of every year going forward.

The Energy Authority's (TEA's) Shehzad Wadalawala presented 2018 revenue scenario charts comparing a continuation of current electricity rates against a rate that is 3 percent below PG&E's rates. He reported that TEA finds the management of RCEA's CCE program responsible and diligent in managing costs. Executive Director Marshall reminded the Board that TEA strongly recommends building a large reserve fund as soon as possible to manage risks associated with future uncertainties.

8. NEW CCE BUSINESS

8.1 2018 CCE Program Rate Setting

Adopt Resolution No. 2018-2 of the Redwood Coast Energy Authority Setting Community Choice Energy Program Rates for 2018.

Director of Power Resources Richard Engel reported that PG&E's electrical generation rate increase and transmission rate decrease that go into effect on March 1 result in an approximately 1% electricity rate increase for most customers. The proposed 2018 RCEA rates increase customer rate savings from 2017, adjusting RCEA generation rates from 2.7% below PG&E's rates to 3% below. This would put the program on track to meet or exceed the targeted \$2 million in total customer rate savings. These rate changes affect power generation rates which make up about 40-50% of the total electricity bill. RCEA's CCE customers, therefore, see rates that are 1.5% less than if they were PG&E customers.

M/S/C: Miller, Glaser: Adopt Resolution No. 2018-2 of the Redwood Coast Energy Authority Setting Community Choice Energy Program Rates for 2018.
Ayes: Brown, Allison, Ricca, Winkler, Miller, Wilson, Glaser

Noes: None
Absent: Fennell
Not Voting: Woo

8.2 Public Agency Solar Program

Approve establishment of the Pilot Public Agency Solar Program, with initial funding of \$170,000 for the remainder of calendar year 2018.

Director of Power Resources Engel reported that RCEA has fielded requests from local agencies for assistance with installing solar energy projects at their facilities. These local agencies often lack the staff capacity to plan and manage such projects. The electricity rates the Board just approved would allow RCEA to allocate up to \$400,000 for energy-related customer programs. Staff proposes using \$170,000 of those funds for a pilot project to assist local agencies with energy efficiency and solar energy projects. Staff clarified that RCEA's funding would be for technical assistance with project scoping, bid solicitation, and obtaining financing, rather than providing incentives or rebates.

Directors provided input to staff that the pilot should be implemented with a process to ensure equitable access to the program.

M/S/C: Miller, Allison: Approve establishment of the Pilot Public Agency Solar Program, with initial funding of \$170,000 for the remainder of calendar year 2018.
Ayes: Brown, Allison, Ricca, Winkler, Miller, Wilson, Glaser
Noes: None
Absent: Fennell
Not Voting: Woo

8.3 CCE-Funded Customer Programs

Discuss and provide direction to staff on a process for designing and budgeting CCE-funded customer programs.

Director of Business Development and Planning Lori Biondini requested direction for a process to add or continue funding for customer programs that fit the board's Community Choice Energy program guidelines adopted in September 2016.

The Board discussed a potential process of having staff do technical analyses comparing different proposed programs and working with the Community Advisory Committee (CAC) to evaluate options and recommend programs to the Board. Counsel Diamond recommended that a designated staff person field requests from the public and present them to the CAC. Reviewing and potentially updating the 2016 Board Guidelines for CCE-funded customer program along with a potential program evaluation and selection process will be placed on the agenda for a future Board meeting.

END OF COMMUNITY CHOICE ENERGY (CCE) BUSINESS

9. STAFF REPORTS

9.1 Executive Director

Executive Director Marshall responded to Director Glaser's earlier question about electric vehicle (EV) charging stations stating that RCEA-operated stations require payment (at rates lower than the equivalent cost of gasoline); Tesla stations are free but exclusively for use by Tesla drivers. Other charging stations sometimes charge for use and sometimes businesses offer free charging to their customers as an incentive.

- Report on Governor's Office of Planning and Research Eureka workshop.

RCEA assisted in hosting a well-attended meeting that addressed regional energy and resiliency planning as well as the recent update to the Office of Planning and Research's General Plan Guidelines.

- Update on Humboldt County Airport Microgrid Project.

The California Energy Commission awarded HSU's Schatz Energy Research Center a \$5 million grant for this project. Construction is expected to begin in the summer of 2019. RCEA will be helping to fund the project by financing a large portion of the solar and battery-storage components of the project element with a low-interest USDA rural electricity loan. RCEA will own the solar and battery system and the loan will be repaid over time through revenue from the operation of the system.

- Offshore Wind Update.

Responses to RCEA's request for qualifications are due on February 28. Public exposure in the local media has been positive and the agency will host open house informational meetings in the next week.

9.2 Director of Power Resources

- Update on biomass impact report.

Director Engel made an interim presentation on biomass energy's job impacts, greenhouse gas (GHG) impacts and mill waste use. Staff is in discussion with Schatz Energy Resource Center about how RCEA may benefit from information from the California Biopower Impact Project, which will create a model of greenhouse gas impacts of biomass power. Results are expected by the end of 2018.

Member of the public and DG Fairhaven Power representative Bob Marino stated that they are working with California Independent Systems Operator to complete a necessary meter re-certification to restart their operations, and

stated that in addition to rehiring DG Fairhaven employees the operation of power plant will benefit fuel suppliers and other local contractors.

DISCLOSURE OF ITEMS TO BE DISCUSSED IN CLOSED SESSION

The Redwood Coast Energy Authority Board of Directors will meet in closed session to consider the items listed under agenda item number 11, "Closed Session."

9. PUBLIC COMMENT REGARDING THE CLOSED SESSION ITEM(S)

There being no public comment on the closed session agenda item, Chair Woo adjourned the meeting into closed session at 5:35 p.m.

10. CLOSED SESSION

With respect to every item of business to be discussed in closed session pursuant to Government Code Section 54957.6:

10.1. Labor Negotiations, unrepresented employee, Executive Director

11. RECONVENE TO OPEN SESSION

12. REPORT FROM CLOSED SESSION

Board Chair Woo reported the Board approved revising Executive Director Marshall's salary step from 1 to 2 effective February 1, 2018.

M/S/C: Miller, Winkler: Approve Amendment to Employment Agreement of Executive Director, Revising Salary from Step 1 to 2 Effective February 1, 2018.

AYES: Unanimous

NOES: None

ABSENT: Fennell

13. ADJOURNMENT

Board Chair Woo adjourned the meeting at 6:04 p.m.

Respectfully submitted: Lori Taketa

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Redwood Coast Energy Authority
Disbursements Report
For the Month of January, 2018

Type	Date	Num	Name	Memo	Amount
Check	01/01/2018	EFT	CoPower	January Premium	-254.50
EFT	01/02/2018	EFT	The Energy Authority	RCEA - CAISO Invoice #20171228	-42,390.51
Liability Check	01/03/2018	E-pay	EDD	499-0864-3 QB Tracking # 397732872	-3,029.44
Liability Check	01/03/2018	E-pay	Internal Revenue Service	74-3104616 QB Tracking # 397733242	-17,345.04
Liability Check	01/03/2018	E-pay	EDD	499-0864-3 QB Tracking # 397733612	-2,150.87
Paycheck	01/05/2018	7519	Fielding, Ahn K	Final paycheck	-883.07
Bill Pmt -Check	01/05/2018	7521	AM Conservation	LED Stock	-282.96
Bill Pmt -Check	01/05/2018	7522	Bishop, M.	December mileage	-44.73
Bill Pmt -Check	01/05/2018	7523	Burks, K.	December mileage	-48.04
Bill Pmt -Check	01/05/2018	7524	Chapman, R.	December mileage reimbursement	-58.42
Bill Pmt -Check	01/05/2018	7525	Cissna, A.	December mileage reimbursement	-52.32
Bill Pmt -Check	01/05/2018	7526	Control Module, Inc.	Assembly, rework kit, EVSE motor exchange	-3,176.96
Bill Pmt -Check	01/05/2018	7527	Feit Electric	LED Stock	-242.48
Bill Pmt -Check	01/05/2018	7528	Green Ideals	Consulting for CCE program - December	-150.00
Bill Pmt -Check	01/05/2018	7529	Headwaters Fund - Interest	RCEA loan December 2017 Interest 3846000 800190	-3,013.89
Bill Pmt -Check	01/05/2018	7530	Humboldt Lighting, LLC.	Pierson's self-install rebate/Audit 4987	-14,032.29
Bill Pmt -Check	01/05/2018	7531	Humboldt Lock & Safe	Electronic cabinet and pedestal key duplications.	-37.98
Bill Pmt -Check	01/05/2018	7532	North Coast Cleaning	December Cleaning Service	-402.00
Bill Pmt -Check	01/05/2018	7533	North Coast Journal	Recruitment Advertising	-424.00
Bill Pmt -Check	01/05/2018	7534	Owen, P.	December mileage reimbursement.	-33.71
Bill Pmt -Check	01/05/2018	7535	Owsley Electric	Replaced damaged EV charger	-655.28
Bill Pmt -Check	01/05/2018	7536	Pacific Paper Company	Misc. office supplies.	-12.41
Bill Pmt -Check	01/05/2018	7537	Taketa, L.	December mileage reimbursement	-8.89
Bill Pmt -Check	01/05/2018	7538	Terry, P.	December mileage	-163.34
Paycheck	01/06/2018	1061801	Paycheck	Final Paycheck	-1,248.03
EFT	01/08/2018	EFT	The Energy Authority	RCEA - CAISO Invoice #20180103	-81,056.31
Liability Check	01/08/2018	E-pay	EDD	499-0864-3 QB Tracking # 539562117	-15.74
Liability Check	01/08/2018	E-pay	Internal Revenue Service	74-3104616 QB Tracking # 539562987	-205.46
Liability Check	01/08/2018	E-pay	EDD	499-0864-3 QB Tracking # 539563697	-35.88
Liability Check	01/08/2018	E-pay	EDD	499-0864-3 QB Tracking # 539566367	-45.21
Liability Check	01/08/2018	E-pay	Internal Revenue Service	74-3104616 QB Tracking # 539577157	-363.16

Redwood Coast Energy Authority
Disbursements Report
For the Month of January, 2018

Type	Date	Num	Name	Memo	Amount
Liability Check	01/08/2018	E-pay	EDD	499-0864-3 QB Tracking # 539578247	-53.82
Liability Check	01/08/2018	E-pay	EDD	499-0864-3 QB Tracking # 399242162	-255.30
Liability Check	01/08/2018	E-pay	Internal Revenue Service	74-3104616 QB Tracking # 399242712	-989.10
Liability Check	01/08/2018	E-pay	EDD	499-0864-3 QB Tracking # 399243052	-128.03
Paycheck	01/10/2018	7520	Paycheck	12/16 - 12/31/17 Payroll	-2,583.10
Paycheck	01/10/2018	ACH	Direct Deposit Payroll	12/16 - 12/31/17 Payroll	-40,343.17
Bill Pmt -Check	01/12/2018	7539	ABC Office Equipment	December print charges/service contract.	-327.15
Bill Pmt -Check	01/12/2018	7540	Best Cleaners	Coverall laundering	-18.75
Bill Pmt -Check	01/12/2018	7541	Central Office	Christmas cards	-51.81
Bill Pmt -Check	01/12/2018	7542	City of Eureka-Water	Water service, 11/27/17-12/26/17	-134.30
Bill Pmt -Check	01/12/2018	7543	FedEx	Shipping contract documents	-30.56
Bill Pmt -Check	01/12/2018	7544	Humboldt Area Foundation	"Sharing the Workload"...leadership roundtable	-10.00
Bill Pmt -Check	01/12/2018	7545	Humboldt Builders' Exchange	Member listing - Energy Consultants	-10.00
Bill Pmt -Check	01/12/2018	7546	Humboldt Roller Derby	Pivot Sponsorship Advertising Package 2018 Season	-500.00
Bill Pmt -Check	01/12/2018	7547	HWMA	CFL & tube disposal	-530.80
Bill Pmt -Check	01/12/2018	7548	KHSU-FM	Radio underwriting	-305.00
Bill Pmt -Check	01/12/2018	7549	Means, M.	December mileage	-120.80
Bill Pmt -Check	01/12/2018	7550	Morse Media	Web hosting services	-372.20
Bill Pmt -Check	01/12/2018	7551	NorCan	2017 Regional Nonprofit Conference	-60.00
Bill Pmt -Check	01/12/2018	7552	PG&E CCA	December CCE Charges	-27,382.52
Bill Pmt -Check	01/12/2018	7553	Pitney Bowes-Rental	December postage meter rental	-21.69
Bill Pmt -Check	01/12/2018	7554	Recology	December garbage service	-85.40
Bill Pmt -Check	01/12/2018	7555	SDRMA Medical	February premium.	-21,201.72
Bill Pmt -Check	01/12/2018	7556	Southern Humboldt Chamber	2018 Annual chamber membership	-325.00
Bill Pmt -Check	01/12/2018	7557	Times Printing Company	Move in mailing service mailers	-801.02
Bill Pmt -Check	01/12/2018	7558	Verizon Wireless	Dec tablet/cell service for field staff/mobile broadband service.	-457.58
EFT	01/16/2018	EFT	The Energy Authority	November 2017 Invoice	-1,379,877.80
EFT	01/16/2018	EFT	The Energy Authority	RCEA - CAISO Invoice #20180111	-104,123.70
Bill Pmt -Check	01/22/2018	EFT	VISA	December 2017 Stmt	-9,199.83
EFT	01/23/2018	EFT	CalPine Corporation	December 2017 Stmt	-114,172.43
EFT	01/23/2018	EFT	Humboldt Redwood Co LLC	December 2017 Biomass	-515,042.50

Redwood Coast Energy Authority
Disbursements Report
For the Month of January, 2018

Type	Date	Num	Name	Memo	Amount
EFT	01/25/2018	EFT	The Energy Authority	RCEA - CAISO Invoice #20180118	-33,419.27
Liability Check	01/25/2018	E-pay	EDD	499-0864-3 QB Tracking # 414809032	-3,555.49
Liability Check	01/25/2018	E-pay	Internal Revenue Service	74-3104616 QB Tracking # 414809992	-18,160.08
Liability Check	01/25/2018	E-pay	EDD	499-0864-3 QB Tracking # 414811122	-2,208.61
Paycheck	01/25/2018	7559	Paycheck	1/1 - 1/15/18 Payroll	-1,689.30
Paycheck	01/25/2018	7560	Paycheck	1/1 - 1/15/18 Payroll	-2,666.08
Paycheck	01/25/2018	ACH	Direct Deposit Payroll	1/1 - 1/15/18 Payroll	-45,193.58
Bill Pmt -Check	01/26/2018	7560	White Rabbit Group	Web Development	-340.00
Bill Pmt -Check	01/26/2018	7561	Advanced Security	Security monitoring for Feb-Apr.	-118.50
Bill Pmt -Check	01/26/2018	7563	Anderson, A.	Purchasae reimbursement: dry erase magnet strip	-11.76
Bill Pmt -Check	01/26/2018	7565	AT&T	January Telephone Service	-597.73
Bill Pmt -Check	01/26/2018	7566	City of Arcata	December High Energy Use Tax	-2,399.36
Bill Pmt -Check	01/26/2018	7567	City of Blue Lake	December Utility User Tax	-711.39
Bill Pmt -Check	01/26/2018	7568	Cuddeback Elementary School	Cuddeback self-install rebate/Audit 4660.	-450.00
Bill Pmt -Check	01/26/2018	7569	Diamond, Nancy	Legal services	-6,173.60
Bill Pmt -Check	01/26/2018	7573	FedEx	Shipping expenses	-159.81
Bill Pmt -Check	01/26/2018	7574	Headwaters Fund - Interest	RCEA loan January 2018 Interest 3846000 800190	-50,000.00
Bill Pmt -Check	01/26/2018	7575	Mattio, B.	Mattio travel: DI Implementer Forum Dublin, CA	-290.54
Bill Pmt -Check	01/26/2018	7576	Mission Uniform & Linen	December janitorial supplies	-150.32
Bill Pmt -Check	01/26/2018	7577	Morse Media	Web development & support services	-1,200.00
Bill Pmt -Check	01/26/2018	7578	NorCan	2018 Board Leadership Roundtable	-10.00
Bill Pmt -Check	01/26/2018	7579	PG&E Utility Account	November utilities/lighting upgrade financing	-904.00
Bill Pmt -Check	01/26/2018	7580	Pierson's Home Ctr	Miscellaneous supplies	-35.06
Bill Pmt -Check	01/26/2018	7581	Platt/Rexel	Bulbs	-7,481.86
Bill Pmt -Check	01/26/2018	7582	Ponting, W.	December mileage reimbursement	-103.26
Bill Pmt -Check	01/26/2018	7583	SDRMA Dental	February Premium	-1,395.82
Bill Pmt -Check	01/26/2018	7584	SDRMA P&L	Cert 31-36	-285.00
Bill Pmt -Check	01/26/2018	7585	Siskiyou Daily News	Legal notice - Mattole Valley Charter	-290.00
Bill Pmt -Check	01/26/2018	7586	Taketa, L.	Purchase reimburse - Trashbags from Costco.	-10.84
Bill Pmt -Check	01/26/2018	7587	Times-Standard	Legal Notice: Notices Inviting Bids (Mattole Valley)	-808.48
Bill Pmt -Check	01/26/2018	7588	Times Printing Company	Mailers	-4,744.18

Redwood Coast Energy Authority
Disbursements Report
For the Month of January, 2018

Type	Date	Num	Name	Memo	Amount
Bill Pmt -Check	01/26/2018	7589	City of Arcata	December Utility User Tax	-6,444.98
Bill Pmt -Check	01/26/2018	7590	Winzler, John	Office Lease - February	-4,223.00
Bill Pmt -Check	01/26/2018	7591	Slackerelli, M.	Slackerelli: Billing & Customer Care Meeting 01/17-01/21/18	-98.04
EFT	01/29/2018	EFT	The Energy Authority	RCEA - CAISO Invoice #20180125	-278,141.10
Bill Pmt -Check	01/29/2018	7592	Arcata Technology Center	Site Host Reimbursement 10/01/17-012/31/17	-378.62
Bill Pmt -Check	01/29/2018	7593	Blue Lake Rancheria	Site Host Reimbursement 10/01/17-012/31/17	-147.79
Bill Pmt -Check	01/29/2018	7594	City of Arcata	Site Host Reimbursement 10/01/17-012/31/17	-697.84
Bill Pmt -Check	01/29/2018	7595	City of Blue Lake	Site Host Reimbursement 10/01/17-012/31/17	-22.94
Bill Pmt -Check	01/29/2018	7596	City of Trinidad	Site Host Reimbursement 10/01/17-012/31/17	-69.19
Bill Pmt -Check	01/29/2018	7597	GHD	Site Host Reimbursement 10/01/17-012/31/17	-156.50
Bill Pmt -Check	01/29/2018	7598	North Coast Unified Air Quality	Site Host Reimbursement 10/01/17-012/31/17	-94.50
Bill Pmt -Check	01/29/2018	7599	St. Joseph Hospital	Site Host Reimbursement 10/01/17-012/31/17	-355.07
Bill Pmt -Check	01/29/2018	7603	Central Office	Miscellaneous printing fees.	-48.84
Liability Check	01/30/2018	7600	Umpqua Bank	74-3104616	-558.36
Liability Check	01/30/2018	7601	Calvert	74-3104616	-14,171.95
Bill Pmt -Check	01/31/2018	ACH	Board of Equalization	Electrical Energy Surcharge Return	-46,483.00
Bill Pmt -Check	01/31/2018	7602	Internal Revenue Service	74-3104616 FUTA payment - Form 940 2017	-5,917.64
					-2,934,951.28

Redwood Coast Energy Authority

Visa

For the month of January, 2018

Type	Date	Num	Name	Memo	Amount
Credit Card Charge	01/01/2018	January	Square	Card Reader Fee	40.00
Credit Card Charge	01/02/2018	8938606	Amazon.com	Replacement smoke tubes	21.70
Credit Card Charge	01/03/2018	41374	CSDA	CSDA Membership Dues: 2018	1,299.00
Credit Card Charge	01/04/2018	110417	Symantec Corp.	Norton Internet Security subscription renewal	76.64
Credit Card Charge	01/05/2018	5014726220	Adobe Systems, Inc.	Adobe Creative Cloud membership	49.99
Credit Card Charge	01/05/2018	8480	SnuggPro	Modeling report - job #94071 & 94265	50.00
Credit Card Charge	01/06/2018	ADB01474480	Adobe Systems, Inc.	Acrobat Pro DC membership	99.97
Credit Card Charge	01/10/2018	5535423	Amazon.com	First aid supplies	22.76
Credit Card Charge	01/10/2018	PH00145613	American Red Cross	First Aid Kits	63.19
Credit Card Charge	01/11/2018	59165	EUCI	Utility Analytics Conference: A. Campbell	1,295.00
Credit Card Charge	01/11/2018	5535423	Amazon.com	First aid supplies	15.62
Credit Card Charge	01/12/2018	3853827	Amazon.com	Batteries	32.95
Credit Card Charge	01/16/2018	January	U-Verse	January DSL 1/09 - 2/8/18	38.15
Credit Card Charge	01/22/2018			Service Charge	105.98
Credit Card Charge	01/25/2018		Uberconference	Conference call subscription	11.06
TOTAL					<u>3,222.01</u>

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REDWOOD COAST EnergyAuthority

STAFF REPORT

Agenda Item # 3.3

AGENDA DATE:	March 28, 2018
TO:	Board of Directors
PREPARED BY:	Steven Edmiston, Director of Finance and Human Resources
SUBJECT:	Item 3.3 – Financial Reports for January 2018 – Budget Variance

BACKGROUND

Nonoperating costs are 112% of the annual budgeted amount due to principal payments on the Headwaters operating line of credit. Under the loan agreement, RCEA paid interest only on the \$700,000 line of credit through the end of calendar year 2017. The loan then becomes fully amortized with principal and 5% interest payable over 60 months. There is no penalty for early payment of loan principal, and staff will be accelerating repayment to the extent cash flow allows.

RCEA's Auditors have recommended that we record the Headwaters loan under the *Annual Financial Resources Concept*, which would record debt principal repayment as a current expenditure. Conversely, the receipt of loan proceeds would be recorded as income when received in the prior fiscal year.

The current budget was not developed with this approach to reporting loan proceeds and repayment, and so included only interest expenses and not principal payments, and conversely the FY16-17 budget did not include "income" from the loan (it was only captured on the balance sheet as an increase in cash assets and an associated debt liability). An adjustment to the budget will be provided for the Board's consideration at the April meeting. Corrections to prior year information will be made as part of the FY16-17 audit.

RECOMMENDED ACTION

Accept the January, 2018, financial statement as submitted. A budget adjustment to update how loan principle payments are reflected in the budget will be presented for consideration at the April Board Meeting.

Redwood Coast Energy Authority

Balance Sheet

As of January 31, 2018

	Jan 31, 2018
ASSETS	
Current Assets	
Checking/Savings	
1075 · Umpqua Reserve Account 2300	1,000,890.62
1070 · Umpqua Deposit Cntrl Acct 1687	3,441,040.53
1062 · Chase DD Checking	25.00
1060 · Umpqua Checking-9271	305,237.73
1000 · COUNTY TREASURY 3839	4,207.73
1010 · Petty Cash	414.35
1050 · GRANTS & DONATIONS 3840	15,037.26
Total Checking/Savings	4,766,853.22
Accounts Receivable	
1100 · Accounts Receivable	289,825.32
Total Accounts Receivable	289,825.32
Other Current Assets	6,125,673.86
Total Current Assets	11,182,352.40
Fixed Assets	44,983.39
Other Assets	504,100.00
TOTAL ASSETS	11,731,435.79
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
2000 · Accounts Payable	102,601.73
Total Accounts Payable	102,601.73
Credit Cards	461.32
Other Current Liabilities	
2001 · Accounts Payable-Other	7,204,437.08
2100 · Payroll Liabilities	64,341.48
2210 · Retentions Payable	1,208.96
Total Other Current Liabilities	7,269,987.52
Total Current Liabilities	7,373,050.57
Long Term Liabilities	
2700 · Long-Term Debt	
2701 · Lighting Upgrade	6,520.63
2702 · Headwaters Credit Line	700,000.00
Total 2700 · Long-Term Debt	706,520.63
Total Long Term Liabilities	706,520.63
Total Liabilities	8,079,571.20
Equity	
2320 · Investment in Capital Assets	38,462.75
3900 · Fund Balance	367,695.02
Net Income	3,245,706.82
Total Equity	3,651,864.59
TOTAL LIABILITIES & EQUITY	11,731,435.79

Redwood Coast Energy Authority
Profit & Loss Budget vs. Actual
July 2017 through January 2018

	Jul 2017 - Jan 2018	Budget	% of Budget
Income			
Total Revenue - government agencies	143,697	268,835	53%
Total Revenue - program related sales	27,677	15,000	185%
Total Revenue-nongovernment agencies	891,694	1,570,364	57%
Electricity Sales Revenue			
Electricity Sales - Retail Revenue	26,201,208	46,735,993	56%
Electricity Sales - Uncollectable Accounts	(78,604)	(140,208)	56%
Total Electricity Sales Revenue	26,122,604	46,595,785	56%
Total Income	27,185,672	48,449,983	56%
Expense			
WHOLESALE POWER SUPPLY			
CAISO			
Total CAISO Energy	1,203,962	5,336,455	23%
Total CAISO Non-Energy Charges	626,575	1,830,563	34%
Total CAISO	1,830,537	7,167,018	26%
Bilateral Activity			
Resource Adequacy	1,010,813	2,572,007	39%
Energy Hedges Notional Value	13,083,083	19,298,480	68%
Low Carbon Settlements	103,772	518,145	20%
Total Bilateral Activity	15,037,656	23,106,420	65%
Local Power Purchase Agreements			
Humboldt Redwood Company	3,161,274	4,862,651	65%
Total Local Power Purchase Agreements	3,161,274	4,862,651	65%
TOTAL WHOLESALE POWER SUPPLY	20,029,467	35,136,090	57%
 PERSONNEL EXPENSES	 1,244,390	 2,506,578	 50%
 FACILITIES AND OPERATIONS	 74,522	 232,976	 32%
 COMMUNICATIONS AND OUTREACH	 43,489	 200,041	 22%
 TRAVEL AND MEETINGS	 15,534	 48,617	 32%
 PROFESSIONAL AND PROGRAM SERVICES			
Contracts - Program Related Services	37,649	242,029	16%
Wholesale Services - TEA	329,581	567,821	58%
Procurement Credit - TEA	457,361	725,576	63%
Data Management - Calpine	628,471	921,508	68%
Regulatory	-	25,000	0%
Accounting	15,000	45,000	33%
Legal	31,563	85,000	37%
PROFESSIONAL AND PROGRAM SERVICES	1,499,625	2,611,934	57%

Redwood Coast Energy Authority
Profit & Loss Budget vs. Actual
July 2017 through January 2018

	<u>Jul 2017 - Jan 2018</u>	<u>Budget</u>	<u>% of Budget</u>
PROGRAM EXPENSES	668,450	965,897	69%
INCENTIVES AND REBATES	290,925	460,000	63%
NON OPERATING COSTS	73,565	65,610	112%
Total Expense	<u>23,939,966</u>	<u>42,227,742</u>	<u>57%</u>
RESERVE REQUIREMENT CONTRIBUTIONS	<u>1,000,000</u>	<u>6,000,000</u>	<u>17%</u>
Net Income	<u>2,245,706</u>	<u>222,241</u>	<u>1010%</u>



STAFF REPORT
Agenda Item # 3.4

AGENDA DATE:	March 28, 2018
TO:	Board of Directors
PREPARED BY:	Nancy Diamond, General Counsel
SUBJECT:	Executive Director, Matthew Marshall, Merit Salary Adjustment

BACKGROUND

The Board completed the Executive Director's annual evaluation and has determined to provide a merit salary increase by adjusting his annual base salary from Step 1 (\$117,479.43) to Step 2 (\$120,491.72) effective February 1, 2018.

RECOMMENDED ACTION

Approve Amendment No. 3 to Agreement for Employment of Executive Director with Matthew Marshall.

ATTACHMENTS:

Amendment No. 3 to Agreement for Employment of Executive Director.

**AMENDMENT No. 3 TO
AGREEMENT FOR EMPLOYMENT
OF EXECUTIVE DIRECTOR**

This is an amendment (“Amendment”) to that certain agreement by and between the Redwood Coast Energy Authority (“RCEA”) and Matthew Marshall (“Employee”), entitled *Agreement for Employment of Executive Director*, effective November 15, 2010, and first amended by Addendum on November 15, 2012, and further amended on November 15, 2015, and February 1, 2017. The initial 2010 Agreement, 2012 Addendum, 2015 Amendment, and 2017 Amendment are collectively referred to herein as the “Agreement.” This Amendment No. 3 is effective February 1, 2018.

RECITALS

WHEREAS, the Board of the RCEA completed its annual review of Employee; and

WHEREAS, and RCEA and Employee desire to amend the Agreement to provide Employee a merit salary increase from Step 1 to Step 2.

NOW THEREFORE, in consideration of the mutual covenants, conditions and terms recited herein and made a material part hereof, the parties agree as follows:

1. **Salary.** Section 1.A. Salary, is hereby amended by adjusting Employee’s annual base salary from Executive Director Step 1 (\$117,479.43) to Step 2 (\$120,491.72).
2. **Ratification of Agreement.** The terms and conditions of the Agreement, including all exhibits and attachments, are ratified in their entirety except to the extent inconsistent with the terms and provisions of this Amendment. In the event of such inconsistency, this Amendment No. 3 shall control.

IN WITNESS WHEREOF, Employer has caused this Amendment No. 3 to be signed and executed on its behalf by its Chair, and the Employee has executed this Agreement as of the day and year first above written.

AUTHORITY

EXECUTIVE DIRECTOR

Sheri Woo, Chair of RCEA Board

Matthew Marshall

Dated: _____

Dated: _____

Approved As to Form:

Nancy Diamond, RCEA General Counsel

Dated: _____

STAFF REPORT

Agenda Item # 5.1

AGENDA DATE:	March 28, 2018
TO:	Board of Directors
PREPARED BY:	Matthew Marshall, Executive Director
SUBJECT:	Offshore Wind Energy Development Partners RFQ

BACKGROUND

At the January 2018 RCEA Board meeting the Board authorized staff to issue a Request for Qualifications (RFQ) for Offshore Wind Energy Development Partners and that RFQ was subsequently released on February 1, 2018. At the January 2018 meeting the Board also established an Offshore Wind Energy Board Subcommittee to finalize the RFQ, guide the RFQ process, and establish an RFQ Review Team to evaluate responses.

The goal of the RFQ was to identify and engage one or more qualified entities to enter into a public-private partnership for the purpose of submitting an application for an outer continental shelf renewable energy commercial lease to the Bureau of Ocean Energy Management (BOEM) in the spring of 2018 for the development of an offshore wind energy project off the Northern California coast. Should a lease be secured, RCEA intends to then work with these partners to develop and eventually operate a floating offshore wind project within the lease area.

RCEA received six statements of qualification which were reviewed, evaluated and ranked by RCEA's RFQ review team and Board Offshore Wind Subcommittee. Staff and the Review Team were highly impressed by the caliber and capacity of the entities that responded. All responses except one were for all three "Areas of Capability" defined in the RFQ: Technical Consulting Services; Floating Offshore Wind Technology Provider and Project Design; and Project Financing, Development, and Operations.

The RCEA Board of Directors Offshore Wind Subcommittee concurred with the RFQ Review Team recommendation, and forwards to the full RCEA Board of Directors the following respondent team to begin contract negotiations for all three Areas of Capability defined in the RFQ:

1. Principle Power Inc., Aker Solutions Inc., EDPR Offshore North America LLC, HT Harvey & Associates, and Herrera Environmental Consultants Inc.

The other responses received were deemed qualified and were ranked as follows:

2. (tied) EDF Renewable Development Corporation

2. (tied) North Coast Floating Wind LLC, a partnership between Copenhagen Infrastructure Partners P/S and Magellan Wind Inc.
3. Statoil Wind US, LLC
4. Trident Winds Inc., with EnBW Energie Baden-Württemberg AG, and Green Giraffe B.V.
5. Oscar Larson & Associates Consulting Engineers Inc. (responding to, and qualified for, only some components of RFQ Area of Capability 1).

The “Notice of Recommendation for Preferred Respondent” and the full scoring results for all responses are attached. The Executive Director, RCEA General Counsel, and the Board Offshore Wind Subcommittee have determined that it is in the best interest of the public and RCEA that RFQ responses not be publicly disclosed until after agreement negotiations, as allowed by the RFQ.

As stated in the Notice of Recommendation, the decision at this meeting is to authorize negotiations with the recommended respondent team. No agreement may be considered binding until approved by the RCEA Board of Directors at a publicly noticed meeting and subsequent execution of that agreement. Further, RCEA reserves the right, at its sole discretion, to terminate negotiations at any time, rescind its selection of a particular respondent(s), and/or begin agreement negotiations with another respondent(s) for any of the three Areas of Capability.

STAFF RECOMMENDATIONS

Select for agreement negotiations the respondent team of Principle Power Inc., Aker Solutions Inc., EDPR Offshore North America LLC, HT Harvey & Associates, and Herrera Environmental Consultants Inc., and direct the Executive Director to negotiate an agreement subject to final Board approval.

ATTACHMENT

Offshore Wind Energy Development Partners RFQ Notice of Recommendation for Preferred Respondent.

**Redwood Coast Energy Authority
Offshore Wind Energy Development Partners
Request for Qualifications
RFQ-18-001**

Notice of Recommendation for Preferred Respondent

March 21, 2017

**RCEA Board of Directors
Offshore Wind Energy
Subcommittee**

Estelle Fennell
County of Humboldt

Dwight Miller
City of Trinidad

Michael Winkler
City of Arcata

Sheri Woo
Humboldt Bay
Municipal Water District

RFQ Response Review Team

Alison Talbott, Public Affairs Representative
Pacific Gas & Electric

Cordel Stillman, Director of Programs
Sonoma Clean Power

Darren Weiss, Director of Engineering
Novatus Energy

Gregg Foster, Executive Director
Redwood Region Economic Development Commission

James Zoellick, Managing Research Engineer
Schatz Energy Research Center, Humboldt State University

Jana Ganion, Sustainability & Government Affairs Director
Blue Lake Rancheria

Jeff Hunerlach, District Representative
Operating Engineers Local No 3.

Jen Kalt, Director
Humboldt Baykeeper, Northcoast Environmental Center

Karen Diemer, City Manager
City of Arcata

Ken Bates, Vice President
Humboldt Fisherman's Marketing Association

Larry Oetker, Executive Director
Humboldt Bay Harbor, Recreation, & Conservation District

Matthew Marshall, Executive Director
Redwood Coast Energy Authority

Richard Engel, Director of Power Resources
Redwood Coast Energy Authority

Rob Holmlund, Director, Development Services
City of Eureka

Shehzad Wadalawala, Client Services Specialist
TEA – The Energy Authority



On February 1, 2018, the Redwood Coast Energy Authority (RCEA) released a request for qualification (RFQ) for Offshore Wind Energy Development Partners. RCEA received six statements of qualification which were reviewed, evaluated and ranked by RCEA's RFQ review team and Board Offshore Wind Subcommittee. All responses except one (as noted below) were for all three "Areas of Capability" defined in the RFQ.

It should be noted that review team members participated in the process as individuals, not formal representatives of their respective organization, and that their participation in the review process does not constitute an endorsement of any of the respondents nor the project overall.

The RCEA Board of Directors Offshore Wind Subcommittee concurs with the RFQ Review Team recommendation, and forwards to the full RCEA Board of Directors the following respondent team to begin contract negotiations for all three Areas of Capability defined in the RFQ:

- 1. Principle Power Inc, Aker Solutions Inc, EDPR Offshore North America LLC, HT Harvey & Associates, and Herrera Environmental Consultants Inc**

The other responses received were deemed qualified and were ranked as follows:

- 2. (tied) EDF Renewable Development Corporation**
- 2. (tied) North Coast Floating Wind LLC, a partnerships between Copenhagen Infrastructure Partners P/S and Magellan Wind Inc**
- 3. Statoil Wind US, LLC**
- 4. Trident Winds Inc, with EnBW Energie Baden-Württemberg AG, and Green Giraffe B.V.**
- 5. Oscar Larson & Associates Consulting Engineers Inc** (responding to, and qualified for, only some components of RFQ Area of Capability 1)

The full scoring results for all responses are attached. It has been determined that it is in the best interest of the public and RCEA that RFQ responses not be publicly disclosed until after agreement negotiations, as allowed by the RFQ (see RFQ page 17).

This recommendation does not constitute a final determination by the RCEA Board to begin contract negotiations, which may only occur by action of the full Board taken at a publicly noticed meeting. Further, no agreement may be considered binding until approved by the RCEA Board of Directors at a publicly noticed meeting and execution of that agreement. RCEA reserves the right, in its sole discretion, to terminate negotiations at any time, rescind its selection of a particular respondent(s), and/or begin agreement negotiations with another respondent(s) for any of the three Areas of Capability.

This notice is being sent to the RFQ respondents and is also posted on RCEA's website at: <https://redwoodenergy.org/services/bid-opportunities/> .

For information, please contact Lori Biondini at 707-269-1700 or lbiondini@redwoodenergy.org.

Redwood Coast Energy Authority
Offshore Wind Energy Development Partners Request for Qualifications
RFQ-18-001

RCEA Offshore Wind Subcommittee and RFQ Review Team Scoring & Ranking Results

	Oscar Larson & Associates	EDF Renewable Development	Northcoast Floating Wind	Principle Power and Team	Statoil Wind US	Trident Winds and Team
General/overall (0-70 pts)	34	50	52	64	40*	38
Area 1 Specific (0-30 pts)	11	24	22	29	21	22
Area 2 Specific (0-30 pts)	N/A	21	20	28	24	14
Area 3 Specific (0-30 pts)	N/A	26	24	27	26	18
Combined Scoring						
Area 1 + General (0-100 pts)	45	74	74	93	60	59
Area 2 + General (0-100 pts)	N/A	70	72	92	64	51
Area 3 + General (0-100 pts)	N/A	76	76	91	66	56
Total Combined (0-160 pts)	N/A	120	118	147	111	91
Review Team Ranking	5 (Area 1 only)	2 Tied	2 Tied	1	3	4

* The Statoil SOQ did not contain references as specified in the RFQ; the Board Subcommittee did not disqualify the response for this omission but the response received a 10-point deduction in the scoring as a result

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STAFF REPORT
Agenda Item # 5.2

AGENDA DATE:	March 28, 2018
TO:	Board of Directors
PREPARED BY:	Lori Taketa, Nancy Stephenson
SUBJECT:	Community Advisory Committee Appointments

BACKGROUND

Director Austin Allison has nominated Kathy Srabian for reappointment to the Community Advisory Committee and ad-hoc CAC at-large candidate subcommittee members Michael Sweeney and Michael Winkler reviewed 12 at-large committee applications. Directors Sweeney and Winkler recommend that the Board appoint the following candidates to the four at-large Community Advisory Committee seats:

- Jerome Carman, Eureka
- Colin Fiske, McKinleyville
- Larry Goldberg, Trinidad
- Pam Halstead, Eureka

The subcommittee selected candidates based on geographic diversity, ability to communicate well, interest in local energy programs, experience holding leadership positions and participation in community groups, including energy-related groups.

The current Community Advisory Committee members are:

- Eureka: *vacant – Nominee: Kathy Srabian*
- Arcata: Norman Bell
- Fortuna: *vacant*
- Rio Dell: *vacant*
- Ferndale: Dennis Leonardi
- Blue Lake: Kit Mann
- Trinidad: Richard Johnson
- HBMWD: Craig Mitchell
- County 1: Luna Latimer (Orleans - Eastern Humboldt)
- County 2: Matty Tittman (ideally Southern Humboldt)
- County 3: *vacant* (ideally McKinleyville)
- Four at-large: *vacant*

In order to reconvene and conduct committee business, eight Community Advisory Committee members (one more than half of the 15 committee positions) must be seated and present.

STAFF RECOMMENDATIONS

Appoint members to the Community Advisory Committee.

ATTACHMENT

At-Large Candidate List

RCEA Community Advisory Committee

At-Large Applicants	Residency	Other
Julia Anderson	Arcata	Renewable Energy Student Union member and Energy, Technology and Policy Grad student at HSU. International teaching experience.
Jerome Carman	Eureka	Works in clean energy sector. Interest in transportation planning, community engagement. Brings technical, scientific perspective, technical translation abilities.
Bob Earl	McKinleyville	Friends of Dunes member, Arcata Community Forest Work Days participant. Interest in educating public on renewable energy use, human impacts on environment.
Colin Fiske	McKinleyville	Climate action/environmental justice advocate, transportation issue expertise. Understanding of energy systems' support of resilient local economy. Extensive committee, consensus process experience.
Larry Goldberg	Trinidad	38 years of involvement in alternative energy, 30 years in community economic development and 36 years in business management. Active participant in Transition Humboldt, 350 Humboldt, Rural Trinidad, CERT.
Pam Halstead	Eureka	Green technology, AP environmental science instructor. 35 year Fortuna High School teacher. Interested in energy, successful grant writer, stream monitoring and restoration advisor. Trail Stewards, PacOut Green Team member, KEET-TV Homework Hotline volunteer.
Richard Hansis	Bayside	Former Humboldt County Planning Commissioner and HSU Environmental Science faculty member. Did power plant evacuation planning and power plant alternatives research. Involved with Humboldt Permaculture Guild, Bayside Community Hall board.

RCEA Community Advisory Committee

At-Large Applicants	Residency	Other
Tom Hofweber	Loleta	Long history of public policy making and coastal resource planning, interest in energy. Involved with Humboldt Area Saltwater Anglers, Caltrout, Trout Unlimited.
Alyson Hunter	Eureka	20 yrs local land use, coastal and environmental planning. Interest in energy. Involved with NC Regional Land Trust, Planned Parenthood NorCal, Make a Wish Foundation.
Mischelle Liscano	Eureka	Interested in civic involvement, contributing to Humboldt County. Lifelong learner interested in growing a vibrant community. Served on Picayune Rancheria of the Chukchansi Indians Tort Board.
John Schaefer	Arcata	Brings renewable energy technical expertise, taught engineering at Stanford, power system engineer for Cleveland Electric and PG&E, electronic engineer at UC Lawrence Radiation Laboratory in Livermore.
Meg Stofsky	Eureka	Water management, preservation/protection experience. Past service on CAC in New York. Familiar with Federal water regulations.



STAFF REPORT
Agenda Item # 6.1

AGENDA DATE:	March 28, 2018
TO:	Board of Directors
PREPARED BY:	Nancy Diamond, General Counsel Matthew Marshall, Executive Director
SUBJECT:	Approve contract with Braun Blasing Smith Wynne for regulatory support and legal services.

BACKGROUND

RCEA's ongoing contract with The Energy Authority (TEA) contains a specific task order for TEA to provide "regulatory and legal compliance" services. This task includes providing services such as regulatory and legislative monitoring as it affects CCAs in California; regular compliance filings with the California Public Utilities Commission (CPUC) and California Energy Commission (CEC) such as the Resource Adequacy showings, Renewable Portfolio Standard, Annual Greenhouse Gas Emissions Performance Standard, load forecasts, and energy Storage Biennial Progress Report. The Sacramento law firm of Braun Blasing Smith and Wynne (BBSW) has assisted TEA in providing these services to RCEA. However, providing legal advice and/or representation exceeds the TEA contract scope of services, and, importantly, the TEA contract expressly acknowledges that TEA is not authorized nor intends to provide RCEA with legal advice.

In operating its CCE program, RCEA staff has identified the occasional need to obtain direct advice about and/or representation in regulatory proceedings before the various oversight agencies. For example, PG&E recently asked RCEA together with the other CCAs to share detailed data related to its energy procurement costs as part of the CPUC's proceedings on the Power Charge Indifference Adjustment (PCIA), and filed a Motion to Compel production of the information with the CPUC as part of the proceedings. RCEA joined other CCAs through its membership in CalCCA to defeat this motion. However, it would be prudent for RCEA to have direct access to specialized legal expertise in the future as these types of issues can arise unexpectedly and require immediate attention.

Staff proposes retaining BBSW to provide these services. The BBSW firm specializes in energy power law and has extensive knowledge of, and experience with, regulatory compliance matters unique to CCAs. BBSW provides expert counsel to numerous CCAs throughout California. As noted, it has worked with TEA in support of the RCEA-TEA contract, and is therefore familiar with RCEA's CCE program.

FINANCIAL IMPACT

Staff estimates that no more than \$2,000 per month would be expended on services from BBSW. The RCEA operating budget for the current 2017-18 fiscal year includes a “regulatory” line item for \$25,000 and a “legal” line item for \$85,000. Staff will monitor budgets to ensure that in no case do combined expenditures for BBSW services and general counsel (Nancy Diamond Law) exceed the total of these line item amounts in any fiscal year. In the unlikely event that expenditures in excess of these amounts are anticipated, staff will consult with the Board.

RECOMMENDED ACTION

Approve Legal Services Agreement with Braun Blasing Smith Wynne, P.C. (BBSW) for regulatory support and legal services in support of RCEA's CCE program, and authorize the Executive Director to engage and direct BBSW on specific matters as needed based on his determination, subject to sufficient budgetary allocations.

ATTACHMENTS:

DRAFT Legal Services Agreement between Redwood Coast Energy Authority and Braun Blasing Smith Wynne, PC.

Legal Services Agreement

This **Legal Services Agreement** (Agreement), effective as of latest date set forth in the signature block, is entered into by and between **Redwood Coast Energy Authority**, a California joint powers agency (Client), and **Braun Blaising Smith Wynne, P.C.**, a California professional corporation (Firm). The Firm and the Client shall be collectively referred to herein as the Parties.

The Firm provides regulatory and legal services related to rules, policies and regulations affecting Community Choice Aggregation (CCA) programs. The Parties are interested in entering into this Agreement to allow the Firm to provide regulatory and legal services to the Client in support of the Client's CCA program.

- Agreement -

The Parties agree as follows:

1. **Term and Termination**. This Agreement shall be effective as of February 1, 2018 and shall terminate on January 31, 2021. Either Party may terminate this Agreement earlier than the stated termination date by providing no less than 30 days written notice.

2. **Scope of Services**.

(a) The Firm shall provide as-needed regulatory and legal services, as expressly authorized by the Client's Executive Director or his designee, or the Client's General Counsel. The range of services may include formal representation of the Client on matters before the California Public Utilities Commission (CPUC) or other regulatory agencies, review and analysis of rules, rates and tariffs affecting the Client's CCA program, consultation on regulatory matters, and related activities. The Firm acknowledges that the Client contracts for some or all of these services through The Energy Authority (TEA), which, through separate arrangement by the Firm with TEA, may be provided by the Firm. The Client will not be financially responsible to the Firm for such services that are provided to the Client through these separate contracts and arrangements with TEA.

(b) In addition, upon the written authorization of the Client's Executive Director, the Firm may provide joint representation on various regulatory matters before the CPUC. Under this category of service, the Firm will undertake work that jointly involves the Client's CCA program and other CCA programs. As further described below, the Firm represents other CCA programs and in certain instances joint representation on matters before the CPUC is advisable and otherwise cost-effective.

3. **Fees**.

(a) **Individual Regulatory and Legal Services**. For regulatory and legal services authorized by the Client, the Client shall pay a fee based on the Firm's corresponding hourly rate times actual time spent.

(i) The Client shall pay the Firm in accordance with the following hourly rates, subject to additional provisions set forth below:

Senior Partners:	\$405
Junior Partners:	\$335
Senior Associates:	\$295
Junior Associates:	\$265

(ii) The Client shall pay the Firm in accordance with the then-applicable hourly rates for the Firm's research assistants for research conducted by such employees under the supervision and direction of the Firm's assigned attorney.

(iii) All office, research, travel and meeting time will be billed at the hourly rates set forth above.

(iv) The hourly rates for services provided under this Agreement are reviewed annually by the Firm on or about June 1, and are subject to adjustment on no less than 30 days written notice.

(b) Joint Representation. For joint representation expressly authorized by the Client, the Client's share of such joint services shall generally be its pro-rata share, but in any event shall be described to and authorized by the Client. Costs associated with joint representation shall generally be setup as a separate matter in the Firm's accounting system. Further information regarding joint representation is described in Section 8.

4. Costs and Expenses. In addition to the fees set forth above, the Client shall reimburse the Firm for all out-of-pocket costs and expenses actually incurred by the Firm in connection with the services provided by the Firm. Out-of-pocket costs and expenses include, but are not necessarily limited to, travel expenses, and postage costs associated with representation of the Client in regulatory or other legal proceedings. Reproduction and postage costs otherwise incurred in the normal course of business are considered Firm overhead and will not directly be charged to the Client.

5. Billing and Payment. The Firm shall provide monthly invoices to the Client for all fees and expenses. The invoice shall be itemized to include, at a minimum, the time spent by each service provider, the total time spent by each service provider, a description of services performed, and a description and itemization of costs and expenses. The Firm shall bill the Client in minimum increments of 1/10th of an hour. Invoices shall be considered due and payable upon receipt, and shall be overdue after 30 days of receipt. Invoices shall be delivered via electronic mail, or other mutually acceptable means, to:

Finance and Human Resources, RCEA,
accounting@redwoodenergy.org

And shall be copied via electronic mail to:

Executive Director

Matthew Marshall
mmarshall@redwoodenergy.org

6. **Notices.** All notices, reports or other communication required herein shall be properly given if delivered via electronic mail, or other mutually acceptable means, to the following addresses:

Client: Redwood Coast Energy Authority
Attention: Matthew Marshall, Executive Director, RCEA,
mmarshall@redwoodenergy.org

Firm: Braun Blasing Smith Wynne, P.C.
Attention: Scott Blasing
blasing@braunlegal.com

7. **Independent Contractor.** The Firm is and shall be considered an independent contractor with respect to the performance of services under this Agreement.

8. **Conflict Waiver.**

(a) The Firm currently represents several clients that have operational CCA programs. The Firm also represents the California Community Choice Association, an association of CCA programs. (See Exhibit A, which reflects the Firm's current list of clients.) Together with the Client, these clients shall be referred to below as "CCA Clients." The Firm anticipates that it will from time to time provide joint representation of the CCA Clients before the CPUC, whether directly or indirectly through a coalition or other organizational structure. This section generally describes the contemplated joint representation and requests written consent to the Firm's joint representation. This section also describes potential conflicts and requests written consent to the Firm's continuing representation in such circumstances.

(b) The Firm does not believe that the Firm's joint representation of the CCA Clients presently involves any *actual* conflicts of interest. The Client should be aware, however, that such representation may involve *potential* conflicts and that the interests and objectives of each of the participants individually on certain issues may, at some time in the future, become inconsistent with the interests and objectives of the other participants. The Firm's joint representation has implications, which the Client should consider. For example, rather than vigorously asserting a single participant's interest on an issue, it is likely that the Firm will balance interests between the participants represented. Because individual participants may have different talents, energy, personal goals, and financial resources, sole representation of one participant could result in more aggressive advocacy, and hence more favorable treatment, for that participant compared to the more even-handed approach the Firm may follow in representing multiple interests. Joint representation may also result in the loss of the attorney-client privilege for communications between you and members of the Firm, because anything disclosed by one participant on a matter of common interest could be disclosed to a jointly represented client in a civil proceeding between the two participants.

(c) The Firm will make every effort during the course of joint representation to confirm that the participants continue to have a commonality of interest in connection with the positions asserted. If interests diverge during the course of joint representation, further disclosure and waiver of the conflict, or withdrawal from representation, could be necessary.

(d) In addition to the joint representation described above, the Firm also represents numerous public agencies in California on diverse matters of energy law and regulation. (See Exhibit A, which reflects the Firm's current list of clients.) Therefore, it is possible that, while the Firm is representing the Client, certain types of conflicts may arise in matters unrelated to the present engagement for which the Firm requests the Client's consent and waiver now. Present or future clients, including clients who rely upon the Firm for general representation, may ask the Firm to represent them in transactions or litigation adverse to the Client. The Firm would decline the other representation if the Firm believes there is a risk of misuse of the Client's confidential information.

(e) By signing this Agreement, the Client confirms (i) that the Client has been informed as to the nature of potential conflicts that may arise as a result of the Firm's joint representation and the Firm's representation of other clients; (ii) that the Client has been provided a reasonable opportunity to seek the advice of independent counsel regarding potential conflicts and waiver thereof; (iii) that the Client understands an actual conflict may arise in the future that would require an additional disclosure and waiver, or, alternatively, withdrawal by the Firm; (iv) that the Client agrees that the Firm may represent other clients as described herein, including clients in *unrelated* matters adverse to the Client; and (v) that the Client hereby waives any claim of conflict of interest arising from such representation.

9. Insurance

(a) Malpractice Insurance. Without limiting the provisions of this Agreement relating to indemnification and defense, the Firm, at its expense, shall maintain in full force and effect during the period of performance of this Agreement and for three years thereafter, professional malpractice insurance that covers the services provided pursuant to this Agreement in the amount of not less than \$1,000,000, with an insurance carrier authorized to do business in California.

(b) Other Insurance. The Firm, at its expense, shall also maintain during the period of performance of this Agreement and for three years thereafter, insurance as follows:

- (1) General liability: (with coverage at least as broad as ISO form CG 00 01 10 01) coverage in an amount not less than \$2,000,000 general aggregate and \$1,000,000 per occurrence for general liability, bodily injury, personal injury, and property damage.
- (2) Automobile liability: (with coverage at least as broad as ISO form CA 00 01 10 01, for "any auto") coverage in an amount not less than \$1,000,000 per accident for personal injury, including death, and property damage.
- (3) Workers' compensation and employer's liability: coverage shall comply with the laws of the State of California.

(c) Primary. The Firm's insurance is primary to any other insurance available to the Client with respect to any claim arising out of this Agreement. Any insurance maintained by the Client shall

be excess of the Firm's insurance and shall not contribute with it. The Firm's endorsement of insurance shall include a waiver of any rights of subrogation against the Client, and its directors, officers, employees and agents.

10. **Miscellaneous.**

(a) This Agreement shall be governed by and construed and enforced in accordance with the laws of the State of California, exclusive of conflict of laws provisions.

(b) This Agreement constitutes the entire agreement between the Parties concerning the subject matter hereof.

(c) This Agreement may not be modified or amended without the express written agreement of the Parties.

(d) This Agreement may be executed in any number of counterparts, including through facsimile signatures, and upon execution by the Parties, each executed counterpart shall have the same force and effect as an original document and as if the Firm and the Client had signed the same document. Any signature page of this Agreement may be detached from any counterpart of this Agreement without impairing the legal effect of any signatures thereon, and may be attached to another counterpart of this Agreement identical in form but having attached to it one or more signature pages.

(e) This Agreement may be scanned and stored in electronic format. Neither Party shall object to the admissibility of an electronic version of this Agreement on the basis that such was not originated or maintained in documentary form.

11. **Signature.** In witness whereof, the Parties have caused this Agreement to be executed by their duly authorized representatives.

Client

Firm



Name: Sheri Woo

Name: Scott Blaising

Title: Chair of Board
Redwood Coast Energy Authority

Title: Principal/Shareholder
Braun Blaising Smith Wynne, P.C.

Date: _____

Date: March 16, 2018

Exhibit A

List of Clients Braun Blasing Smith Wynne, P.C. (February 2018)

Balancing Authority of Northern California (BANC)
Bonneville Power Authority (BPA)
California Choice Energy Authority (CCEA)
 Cities of Lancaster, Pico Rivera, San Jacinto and Rancho Mirage
California Community Choice Association (CalCCA)
California Municipal Utilities Association (CMUA)
City of Cerritos
City of Colton
City of Corona
Eastside Power Authority
City of Escondido
Friant Power Authority
City of Lancaster
Lathrop Irrigation District
Local Energy Aggregation Network (LEAN)
Marin Clean Energy
Merced Irrigation District
Monterey County Water Resources Agency
City of Moreno Valley
City of Needles
Orange Cove Irrigation District
City of Pasadena
City of Pittsburg (Pittsburg Power Company)
Peninsula Clean Energy Authority
Pioneer Community Energy
Port of Stockton
Power and Water Resources Pooling Authority (PWRPA)
City of Rancho Cucamonga
City of Redding
City of Roseville
Sacramento Municipal Utility District (SMUD)
City of Salinas
San Diego County Water Agency
Sites Power Authority
City of Shasta Lake
Silicon Valley Clean Energy
Sonoma Clean Power Authority
The Energy Authority (in its role as service provider to Redwood Coaster Energy Authority)
Turlock Irrigation District
Tuolumne Public Power Agency
City of Victorville
West Basin Municipal Water District



REDWOOD COAST Energy Authority

STAFF REPORT Agenda Item # 8.1

AGENDA DATE:	March 28, 2018
TO:	Board of Directors
PREPARED BY:	Richard Engel, Director of Power Resources
SUBJECT:	Approval of Multi-Year Resource Adequacy Procurement

SUMMARY

Pacific Gas and Electric (PG&E) has issued a request for bids (RFB) to sell resource adequacy to other load-serving entities, including community choice aggregators such as RCEA. Resource adequacy (RA) is a power product that load-serving entities are required to procure in order to ensure the California Independent System Operator (CAISO) is able to match load and supply at all times throughout its service area. PG&E's RFB is for the period January 2019 through December 2022.

To date, The Energy Authority (TEA) has procured RA for RCEA on a year-ahead basis. The opportunity to buy multi-year RA offers RCEA a hedge against future price fluctuations. The deadline to submit bids to PG&E for multi-year RA was March 23. TEA was able to submit bids by the deadline without making a firm commitment to purchase this RA. PG&E will notify short-listed bidders by April 2, and these bidders will need to respond by April 3 letting PG&E know if they wish to proceed. Negotiations and execution of RA purchase contracts will take place between April 4 and April 16.

Both the total value and the term of the proposed transaction exceed limits in RCEA's Risk Management Policy for transactions that can be approved by the Risk Management Team. Therefore, Board approval of the proposed transaction is required. The bids are also subject to acceptance by PG&E.

FINANCIAL IMPACTS

Future costs of resource adequacy are unknown; thus, the financial impact of advance RA procurement is unknown. In general, RA prices are not highly volatile but have tended to rise over time. TEA staff have recommended that hedging (i.e. procuring in advance) 50% of resource adequacy for the period 2019-2022 is a prudent risk management strategy and have bid at that level. The RA as bid by TEA would cost under \$1 million per year over the four-year period.

RECOMMENDED ACTION

Approve procurement by TEA of multi-year resource adequacy for the period January 2019-December 2022, subject to bid acceptance and negotiation with PG&E.

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STAFF REPORT

Agenda Item # 9.2

AGENDA DATE:	March 28, 2018
TO:	Board of Directors
PREPARED BY:	Aisha Cissna, Transportation Specialist
SUBJECT:	ChargePoint Electric Vehicle Fast-Charging Station Installation Update

BACKGROUND

In 2016, the California Energy Commission (CEC) awarded grant funding to ChargePoint, a provider of electric vehicle charging station hardware and network management services, to install DC fast chargers throughout California.

ChargePoint partnered with the Mendocino Council of Governments (MCOG) and the Redwood Coast Energy Authority (RCEA) to secure two CEC grants for the North Coast. These grants invest more than \$2.7 million of electric vehicle charging infrastructure in the North Coast region.

The network will include six locations in Humboldt and Del Norte counties, three locations in Mendocino County and two in northern Sonoma County, with the longest gap at 57 miles. Potential sites were evaluated for convenience, accessibility, proximity to services, and distance from other planned sites. Tentative locations include Smith River, Crescent City, Klamath, Arcata, Loleta, Garberville, Leggett, Laytonville, Ukiah, Cloverdale, and Healdsburg. Final site installation is expected to complete in late 2018; see table for estimated dates.

Business Name	Miles to Next Site	DCFC (50 kW)	Dual-Port L2	Anticipated Date
Smith River Lucky 7 Casino and Hotel	17.9	1	2 ¹	May 2018
Crescent City Best Western PLUS Northwoods Inn	19.4	1	2	TBD
Klamath Holiday Inn Express	57.0	2	2	TBD
Arcata F Street Lot	22.7	2	2	October 2018
Bear River Casino	56.4	2	2	August 2018
Garberville Benbow Inn	20.7 ²	2	2	TBD

¹ Equivalent to 2 single-port charging stations

² Have not confirmed exact site location in Leggett, but approximate distance is 20.7 miles.

Each site will initially receive up to two 62.5-kilowatt DC fast charging ports, providing an 80% charge in one hour for most electric vehicles. Each fast charger will be equipped with the two most common fast charging connectors, compatible with the vast majority of EVs. Tesla EVs can use an adapter to access the new stations. Sites will also provide between two and four ports for Level-2 charging for EVs that lack fast-charging capability. Currently, two L2 ports are planned for each site.

As a minor subcontractor to ChargePoint's DCFC grant from the CEC, RCEA is responsible to align grant activities with local readiness plans, coordinate with local government decision makers, promote public awareness, serve as a local liaison for ChargePoint, and assist with site host installation and ongoing operation.

Staff is preparing for a ribbon-cutting ceremony to celebrate the opening of the Humboldt County DCFC network. With plans to invite media, local elected officials including the RCEA Board of Directors, and state dignitaries such as Congressman Huffman, Senator McGuire, and Assembly member Jim Wood.

Staff is evaluating the ribbon cutting location to best meet logistical needs of event attendees, dignitaries, and the media. Arcata and Loleta are the leading candidates based on their general accessibility. Staff will update the Board once an event site and date are selected.

STAFF RECOMMENDATION

None – informational only

ATTACHMENTS:

None – informational only