



# Redwood Coast Energy Authority

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**Redwood Coast Energy Authority Office**  
**633 3<sup>rd</sup> St., Eureka, CA 95501**

**April 9, 2019**  
**Tuesday, 6 - 7:30 p.m.**

In compliance with the Americans with Disabilities Act, if you need assistance to participate in this meeting, please contact the Clerk of the Board at the phone number, email or physical address listed above at least 24 hours in advance.

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 Community Advisory Committee, including those received less than 72 hours prior to the Committee's meeting, will be made available to the public in the agenda binder located in the RCEA lobby during normal business hours, and at [www.redwoodenergy.org](http://www.redwoodenergy.org).

PLEASE NOTE: Speakers wishing to distribute materials to the Committee at the meeting are asked to provide 17 copies to the Clerk.

PUBLIC NOTICE: Pursuant to Government Code Section 54953(b), Committee member Luna Latimer will teleconference from Orleans, California, to participate in the April 9, 2019, regular meeting of the RCEA Community Advisory Committee. A copy of this notice shall be posted at the teleconference location: 38150 State Highway 36, Orleans, CA, 95556.

## **COMMUNITY ADVISORY COMMITTEE** **MEETING AGENDA**

<b>Agenda Item</b>	<b>What / Action</b>	<b>When</b>
1. Open	<b>Roll Call:</b> Richard Johnson Norman Bell Luna Latimer (teleconference) Jerome Carman Dennis Leonardi Colin Fiske Kit Mann Larry Goldberg Craig Mitchell Pam Halstead Kathy Srabian Tom Hofweber Matty Tittman Robin Smith, Board liaison  <b>Review meeting agenda and goals</b>	6 - 6:05 (5 min)
2. Approval of Minutes	<b>Action: Approve minutes of January 8, 2019 Regular Meeting</b>	
3. Oral Communications	This item is provided for the public to address the Committee on matters not on the agenda. At the end of oral communications, the Committee will respond to statements, set requests requiring action to a future agenda, or refer requests to staff.	6:05 - 6:10 (5 min)
4. Election of Chair and Vice-Chair	<b>Action: Appoint Matty Tittman as Chair, and Larry Goldberg as Vice Chair, of the Community Advisory Committee for terms ending April 14, 2020.</b>	6:10 – 6:15 (5 min)

5. Humboldt County Climate Action Plan	<b>Presentation by Connor McGuigan, Civic Spark Fellow, County of Humboldt</b>	6:15 - 6:35 (20 min)
6. 100% Clean and Renewable Energy by 2025	<b>Update on RCEA Board adoption of 100% clean and renewable electricity mix by 2025 resolution and next steps</b>	6:35 - 6:55 (20 min)
7. CCE-Funded Customer Programs	<b>Action: Recommend that staff advance the five selected abstracts: RCEA_CS_001, 002, 004, 006 and 007, for consideration by the RCEA Board of Directors in June.</b>	6:55 - 7:15 (20 min)
8. Member Reports	This time is provided for Committee members to share information on topics not on the agenda. At the end of member reports, the Executive Director will set requests requiring action to a future agenda or refer requests to staff or the Board.	7:15 - 7:25 (10 min)
9. Close & Adjourn	Summarize actions, outcomes, Board communication items, next steps	7:25 - 7:30 (5 min)

**NEXT REGULAR MEETING**  
 Tuesday, July 9, 2019, 6 - 7:30 p.m.  
 RCEA Offices  
 633 3<sup>rd</sup> Street, Eureka, CA 95501



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**January 8, 2019**  
**Tuesday, 6 - 7:30 p.m.**

## **COMMUNITY ADVISORY COMMITTEE** **MEETING DRAFT MINUTES**

The agenda for this meeting was posted on January 4, 2019. Community Advisory Committee Chair Matty Tittman called the meeting to order at 6 p.m.

Members present:

Norman Bell	Richard Johnson
Jerome Carman	Luna Latimer
Colin Fiske	Dennis Leonardi
Vice chair Larry Goldberg	Kit Mann
Pam Halstead	Craig Mitchell
Tom Hofweber	Kathy Srabian
	Chair Matty Tittman

Staff present:

Demand Side Management Director Lou Jacobson  
Executive Director Matthew Marshall  
Community Strategies Manager Nancy Stephenson  
Clerk of the Board Lori Taketa

### **Approve Minutes of October 9, 2018 Regular Meeting**

Chair Tittman informed the Committee that Director Michael Sweeney stepped down from the RCEA Board and is no longer the liaison to the Community Advisory Committee. The Board will be appointing a new liaison at a future meeting.

Chair Tittman invited public comment. No one came forward to speak. Chair Tittman closed public comment.

**Motion Carman. Second Bell. By consensus, the Committee agreed to approve minutes of the October 9, 2018, regular Community Advisory Committee meeting.**

### **Oral Communications**

Chair Tittman invited public comment. Terra-Gen Senior Director of Wind Development Nathan Vajdos introduced himself and local community engagement consultant Natalynne DeLapp. Mr. Vajdos stated that the Humboldt Wind Project on Monument Ridge is progressing on schedule, will break ground this fall and that turbines will be erected in spring of 2020. Project permits allow for up to 155MW of production capacity and the environmental impact report will be released for public review soon. Mr. Vajdos will share polling information from Terra-Gen's public meetings with the CAC. Chair Tittman closed public comment.

## **Community Choice Energy Update**

Executive Director Matthew Marshall reported on renegotiated power purchase agreement terms with Humboldt Redwood Company. The Board of Directors' also approved a request for proposals from renewable energy providers which will favor local projects and may yield longer term contracts that meet new CCE requirements. Staff anticipates bringing proposed feed-in tariff terms to the Board for approval in February. The project would standardize purchase contracts with projects generating power beyond onsite needs but which are not commercial-scale. The Committee discussed the community's ability to support two large wind projects and current government interest in upgrading transmission capacity.

## **100% Renewable Energy Goal**

Committee member Fiske presented a report on four local government resolutions committing to a 100 percent clean electricity goal. The resolutions were initiated by 350 Humboldt, a local climate action group with which he volunteers. Mr. Fiske suggested possible ways the CAC could further this goal, including a CAC review of RCEA's current goals, requesting the Board raise RCEA's targets to 100 percent clean and renewable electricity by 2025, and discussing the feasibility of this goal with staff. Discussion ensued on the following topics: inclusion of clean transportation goals at a later time; the benefit of all Humboldt County jurisdictions adopting this goal; the need for definitions of "clean" and "renewable;" the possibility of the Board and CAC holding public meetings to define these terms; existing goals listed in the RePower Humboldt Strategic Plan and the Comprehensive Action Plan for Energy; including the 100% clean and renewable energy goal and public input in the integrated resource planning process; the need for a better understanding of the goal's financial impacts; the interconnections between biomass energy producers and the local economy; concerns around supporting CO2-emitting electricity sources; and the need to maintain a low CCE opt-out rate.

**Motion: Fiske. Second: Bell. Amended: Latimer. By consensus, the Committee agreed to recommend that the RCEA Board of Directors adopt a 100 percent clean and renewable electricity by 2025 goal without modifying other existing RCEA targets and establish a process to obtain public input on the definitions of "clean" and "renewable."**

## **Community Choice Energy-Funded Customer Programs Report**

Director of Demand Side Management Lou Jacobson reported that the CCE-Funded Customer Program was on schedule. Director Jacobson described the citizen sourcing request for customer program ideas document which will be distributed to the public beginning next week. Vice Chair Goldberg added that the process and outreach plan were well-developed by the CCE Customer Program Subcommittee, and commended Staff Director Jacobson and Staff Manager Stephenson for their leadership on the project.

## **CAC 1<sup>st</sup> Quarter Outreach Messaging Subcommittee**

Community Strategies Manager Nancy Stephenson requested CAC members to form an outreach subcommittee to provide staff with input on community engagement strategies for the first quarter of 2019.

**Motion Tittman. Second Carman. By consensus, the Committee agreed to create an ad hoc 2019 1<sup>st</sup> Quarter Outreach Messaging Subcommittee to sunset on April 9, 2019, and appoint Members Johnson, Latimer, Leonardi, Mann, Mitchell and Vice Chair Goldberg as members.**

## **CAC Chair and Vice Chair**

Nominees may be appointed at the April 9, 2019, Community Advisory Committee meeting following CAC member appointments and reappointments at the March 28, 2019, RCEA Board meeting.

**Motion Bell. Second Johnson. By consensus, the Committee agreed to nominate Matty Tittman as Chair, and Larry Goldberg as Vice Chair, of the Community Advisory Committee for terms beginning April 9, 2019, and ending April 14, 2020.**

## **Member Reports**

Vice Chair Goldberg requested that CivicSpark worker Connor McGuigan, who is working on the County of Humboldt's climate action plan, report on his multi-jurisdictional project at the April 9 meeting. The Comprehensive Action Plan for Energy update will be coordinated with the County's multi-jurisdictional climate action plan.

Upon inquiry by Member Mann about the effects of the recent California Public Utilities Commission's Power Charge Indifference Adjustment decision on RCEA's work, Executive Director Marshall stated that it decreases the amount of budget headroom for implementing Community Choice Energy customer programs. A second phase of CPUC decision making will affect how CCAs implement the PCIA decision in the future. Customer bills are not anticipated to be changed initially as a result of the recent decision.

The Committee discussed PG&E's liability following the recent, large wildfires, and Member Halstead requested an update on PG&E's situation and its effect on RCEA at the April 9 meeting.

Chair Tittman commended Power Resources Director Richard Engel and Executive Director Marshall for initiating a feed-in tariff and a renewable power sources request for proposals favoring local sources. Mr. Tittman also thanked Mr. Vajdos of Terra Gen for attending the meeting and answering questions and stated his hopes that Terra Gen would do as much local subcontracting as possible.

Chair Tittman adjourned the meeting at 7:31 p.m.

Respectfully submitted,

Lori Taketa  
Clerk of the Board

**NEXT REGULAR MEETING**  
Tuesday, April 9, 2019, 6 – 7:30 p.m.  
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# REDWOOD COAST Energy Authority

## COMMUNITY ADVISORY COMMITTEE STAFF REPORT Agenda Item # 4

AGENDA DATE:	April 9, 2019
TO:	RCEA Community Advisory Committee
PREPARED BY:	Lori Taketa, Clerk of the Board
SUBJECT:	Chair/Vice Chair Nomination

### SUMMARY

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The Community Advisory Committee nominated Matty Tittman as chair and Larry Goldberg as vice chair for terms beginning April 9, 2019 and ending April 14, 2020. Per the CAC Charter, the chair and vice chair are to be elected during a meeting in the first quarter of each calendar year and the term for each role shall be one year. No member will serve as chair or vice chair for more than two consecutive terms.

### Timing

Because roughly half of the CAC members' terms were due to expire on April 9, 2019, the Committee nominated a chair and vice chair at its January 2019 meeting and postponed appointment of the nominees until after the Board reappointed the members to serve another term on the CAC. The RCEA Board voted unanimously to reappoint Matty Tittman, as well as Norman Bell, Kit Mann, Kathy Srabian, Richard Johnson and Luna Latimer to serve another 2-year term at its January 2019 meeting.

### STAFF RECOMMENDATION

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Appoint Matty Tittman as Chair, and Larry Goldberg as Vice Chair, of the Community Advisory Committee for terms ending April 14, 2020.

### ATTACHMENTS:

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None.

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# REDWOOD COAST Energy Authority

## COMMUNITY ADVISORY COMMITTEE STAFF REPORT Agenda Item # 5

AGENDA DATE:	April 9, 2019
TO:	RCEA Community Advisory Committee
PREPARED BY:	Lori Taketa, Clerk of the Board
SUBJECT:	Humboldt County Multijurisdictional Climate Action Plan

### SUMMARY

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At its January 2019 meeting, Community Advisory Committee Vice Chair Goldberg requested that Connor McGuigan, a CivicSpark Fellow with the Humboldt County Planning Department, be invited to speak at the April CAC meeting.

Connor McGuigan will present a report on the Humboldt County Regional Climate Action Plan (<https://humboldt.gov/2464/Climate-Action-Plan>). The project is a collaborative effort between RCEA, the County of Humboldt and the seven cities within its boundaries to reduce greenhouse gas emissions throughout the region.

RCEA is coordinating an update of the Comprehensive Action Plan for Energy (CAPE), a regional energy implementation plan and RCEA guiding document adopted by the RCEA Board in September 2012, with the County's Regional Climate Action Plan.

### RECOMMENDED ACTION

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None. Information only.

### ATTACHMENTS:

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1. Humboldt County Regional Climate Action Plan presentation (PDF)

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# Humboldt County Regional Climate Action Plan

COUNTY OF HUMBOLDT

Planning and Building Department

RCEA Community Advisory Committee  
April 9, 2019

11



# I. Climate Action Planning Background

*Greenhouse gas mitigation in California*



# Climate Action in California

- **AB 32 ('06) and SB 32 ('16):** statewide emissions targets
  - 1990 levels by 2020
  - 40% below 1990 levels by 2030
  - 80% below 1990 levels by 2050
- **CARB Climate Change Scoping Plans**
  - Actions and measures to meet AB 32 and SB 32 targets
  - Detail role of local governments and contain guidance for CAPs
- **SB 97 (2007):** project GHG analysis required under CEQA



# What is a Climate Action Plan?

## Climate Action Plan:

- A roadmap to reduce greenhouse gas emissions within a local government's jurisdiction
- Community emissions and/or emissions from government operations

## Three components:

1. Greenhouse gas inventory & forecast
2. Reductions target
3. Emissions reduction measures

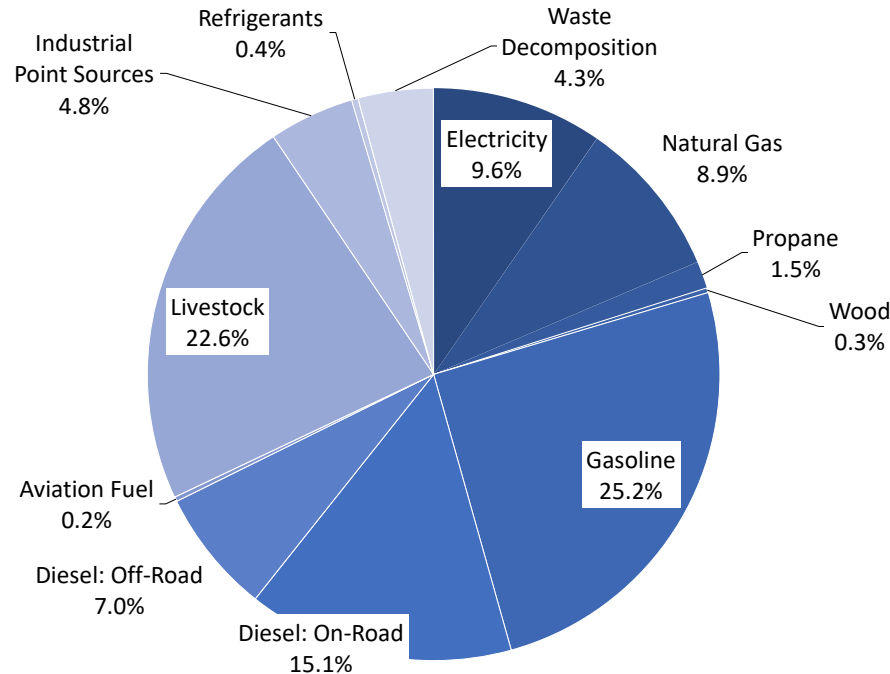


# CAPs Throughout CA



- 42% of local governments have completed a plan that addresses GHG emissions
- 25% have adopted CAPs
- 18% are in the CAP process

# 1. Greenhouse Gas Inventory

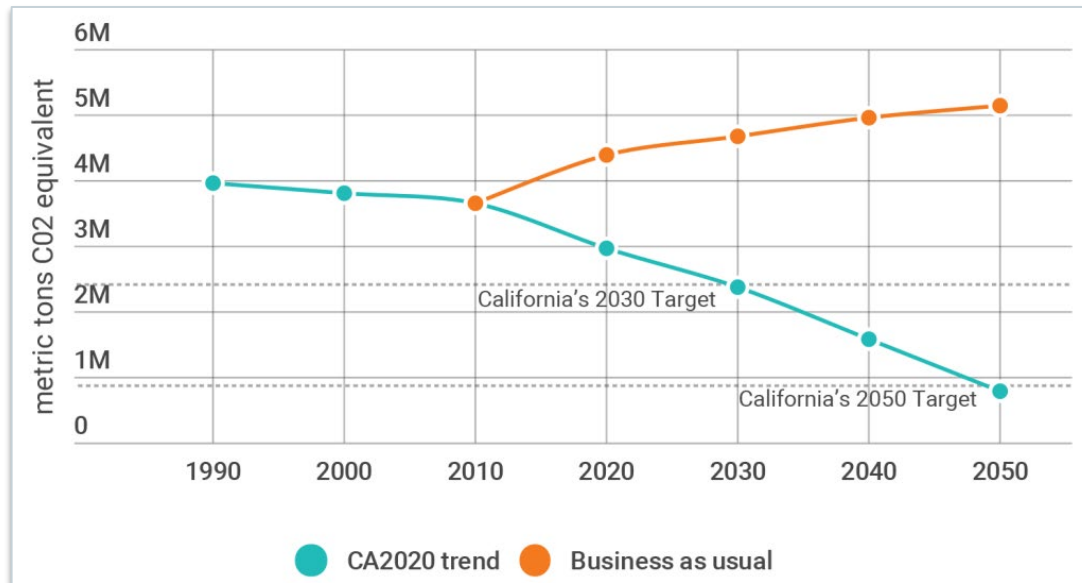


Humboldt County 2015 GHG Inventory

- Snapshot of emissions across a variety of sectors
- Baseline year close to current as possible



## 2. Reduction Targets



- Short-term and long-term targets
- Alignment with statewide targets

### 3. Reduction Measures



- Five main categories
- Mix of enforceable and voluntary
- Detailed implementation strategy and progress indicators

### 3. Reduction Measures: Transportation



**CAP Goals:** reduce vehicle trips by promoting focused growth, encourage low-carbon transportation options like biking and public transit

**Example Measure:** Update zoning codes to promote mixed-use development

### 3. Reduction Measures: Building Energy



**CAP Goals:** Increase building energy efficiency, encourage local renewable energy generation, switch equipment from fossil fuel to electricity

**Example Measure:** Establish an online process to streamline solar panel permit applications

## CAP Benefits

- Climate change imperative
- CEQA streamlining
- Economic benefits
- Health benefits
- Makes project approvals more defensible
- Funding opportunities
- Leadership



# Benefits of a County-wide Effort

- Scope of the problem calls for coordinated effort
- Efficient use of staff resources and budget
- Leverages existing regional efforts
- Broader platform → new opportunities for collaboration
- More funding opportunities
- Regional leadership
- Grassroots momentum



## II. Humboldt County's Regional Climate Action Plan



# CAPs Throughout Humboldt County

**Arcata:** Community Greenhouse Gas Reduction Plan (2006)

**Blue Lake:** Climate Action Plan (2014)

**County:** Draft CAP (2012)

**Eureka:** Implementation measure in 2040 General Plan

**Trinidad:** Draft CAP (2010)



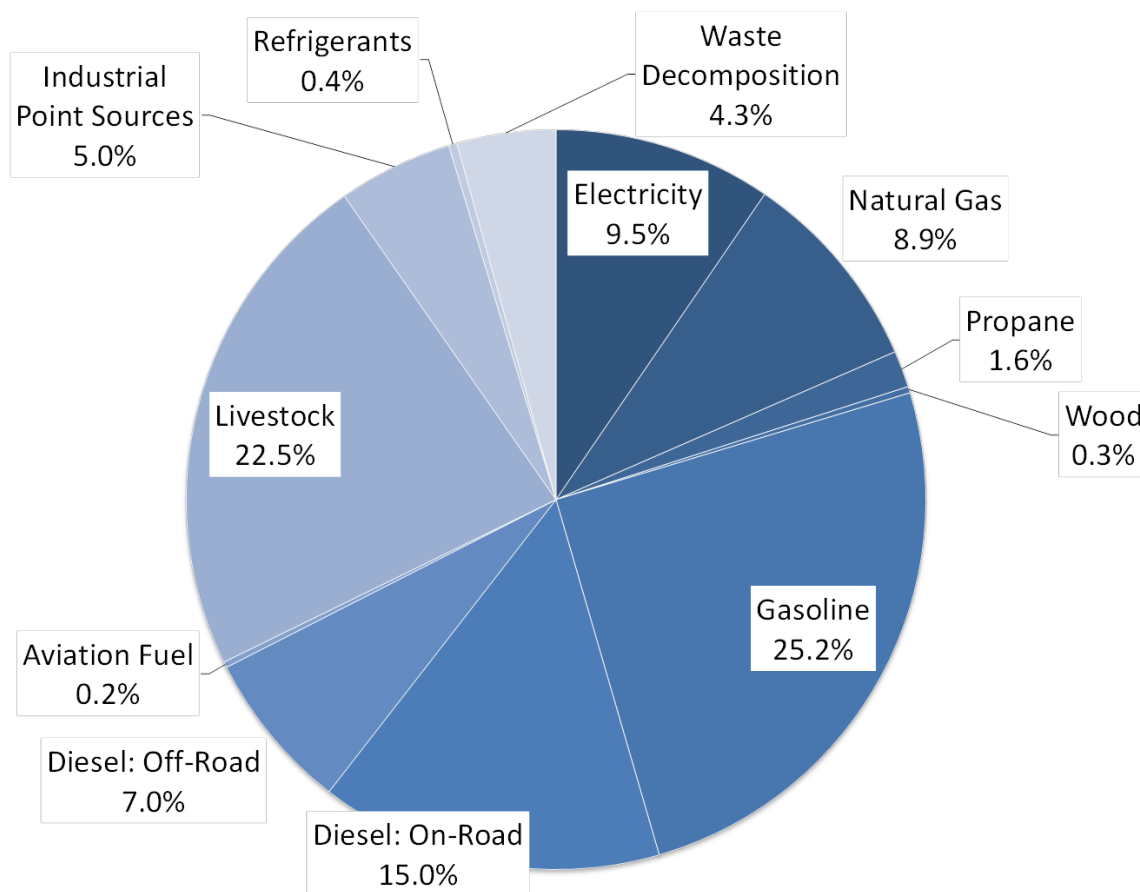


# Project Overview

- Collaborative effort between County, RCEA and the cities of Arcata, Blue Lake, Eureka, Ferndale, Fortuna, Rio Dell and Trinidad
- Grant funding from PG&E
- RCEA contracted as consultant
- Jurisdictions develop and choose their own measures



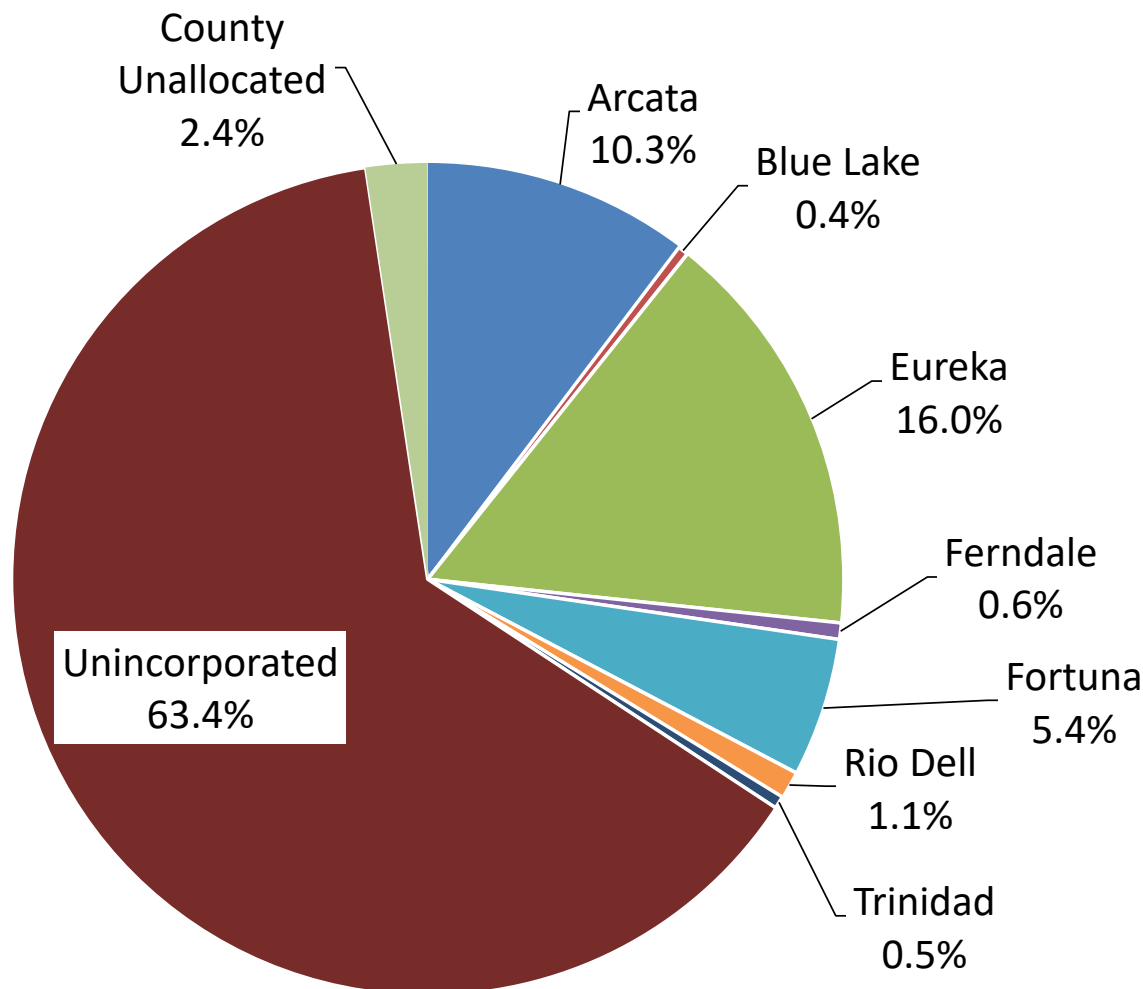
# 2015 GHG Inventory: Emissions by Source/Activity



26



# 2015 GHG Inventory: Emissions by Jurisdiction



# Community-Oriented Effort

- Public workshops throughout the County
- Sector-specific advisory groups:
  - Building Energy & Solar
  - Renewable Energy Generation
  - Transportation & Land Use
  - Forest Lands & Carbon Sequestration
  - Solid Waste
  - Agriculture
- Outreach at events, community group meetings
- Ideas?





# REDWOOD COAST Energy Authority

## COMMUNITY ADVISORY COMMITTEE STAFF REPORT Agenda Item # 6

AGENDA DATE:	April 9, 2019
TO:	RCEA Community Advisory Committee
PREPARED BY:	Matthew Marshall, Executive Director
SUBJECT:	100% Renewable Electricity by 2025 Goal

### SUMMARY

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At its January 2019 meeting, the Community Advisory Committee by consensus agreed to recommend that the RCEA Board of Directors adopt a 100 percent clean and renewable electricity by 2025 goal without modifying other existing RCEA targets and establish a process to obtain public input on the definitions of “clean” and “renewable.”

Staff will provide an update on Board actions subsequent to the CAC recommendation and outline next steps following the Board’s adoption of a 100 percent clean and renewable electricity mix by 2025 goal at its March 2019 meeting.

### RECOMMENDED ACTION

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None. Information only.

### ATTACHMENTS:

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1. “100% Clean and Renewable Electricity by 2025 Goal,” RCEA Board of Directors meeting staff report, March 28, 2019.
2. Resolution No. 2019 – 1: A Resolution of the Board of Directors of the Redwood Coast Energy Authority Adopting the Target of a 100% Clean and Renewable Electricity Mix by 2025.



# REDWOOD COAST EnergyAuthority

## STAFF REPORT Agenda Item # 7.2

AGENDA DATE:	March 28, 2019
TO:	Board of Directors
PREPARED BY:	Matthew Marshall, Executive Director
SUBJECT:	100% Clean and Renewable Electricity by 2025 Goal

### SUMMARY

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At their January 8, 2019 meeting, RCEA's Community Advisory Committee (CAC) moved by consensus to recommend that the RCEA Board of Directors "adopt a 100% clean and renewable electricity by 2025 goal without modifying other existing RCEA targets and establish a process to obtain public input on the definitions of 'clean' and 'renewable.'" The City of Eureka, the City of Arcata, and the County of Humboldt have adopted similar resolutions setting a target of 100% renewable electricity by 2025.

Attached is a proposed resolution that staff prepared based on the CAC's recommendation. RCEA's Comprehensive Action Plan for Energy (CAPE) and the RePower Humboldt strategic plan have established the goal of supplying the majority of the county's electricity demand from local renewable resources by 2030; the CAC's recommendation would accelerate that goal by 5 years.

The resolution also proposes that this 2025 target be incorporated into a larger planning effort to update the CAPE in 2019. This would include conducting additional technical and economic analysis on the feasibility and cost-impacts of achieving the target and also engaging the community to gather input on further defining and focusing the details of how the goal would be implemented.

This CAPE update effort will be aligned with the country-wide, multi-jurisdictional Climate Action Plan effort that the County of Humboldt has initiated this year. RCEA is supporting the County and Cities in this effort, and coordinating the CAPE update with this work will ensure that RCEA's plan aligns with its member-governments' goals and will also facilitate gathering input from the broader community. Staff is working with County staff to develop a contract that will be presented to the RCEA Board in April, and additional details of the timeline and community engagement for these activities will be presented at that time.

At the February RCEA Board meeting staff presented some preliminary financial analysis on the potential cost impacts of adopting a 100% by 2025 target. The preliminary results of that analysis indicate that it is financially feasible for RCEA to achieve that target, but that to the extent that it would increase power procurement costs it would impact the resources available to fund other goals such as customer rate savings, building the contingency reserve fund, and funding for customer programs. Incorporating the analysis of the 100% goal into a broader

CAPE update will facilitate an assessment of the cost-effectiveness of achieving that goal compared to directing funding to other greenhouse-gas reduction strategies, such as supporting the electrification of transportation and building natural gas end-uses.

The resolution proposes that the outcomes from the 2019 CAPE update would then be used to inform the 2020 update to the State-required long-term Integrated Resource Plan for RCEA's community energy program.

## **FINANCIAL IMPACT**

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The long-term impacts of accelerating RCEA's renewable electricity mix target from 2030 to 2025 will likely result in some incremental increase to power supply costs; the resolution directs staff to analyze the details of potential cost impacts from various scenarios for achieving the 100% by 2025 goal and present the findings of that analysis for further consideration by the Board later in 2019.

There will be near-term costs in staff and consultant time to conduct the planning and analysis associated with the CAPE update proposed in the resolution. These activities can be covered by the CCA program budget as well as the 2019 Energy Watch Program budget for strategic initiatives – activities through the remainder of the 2018-19 fiscal year can be covered by the existing budget, and staff can incorporate subsequent costs into the budgeting process for 2019-2020.

It should be noted that State regulations require RCEA to update its integrated resource plan by May of 2020, so a significant portion of the anticipated planning costs will have to be incurred to meet that requirement regardless of whether RCEA incorporates an updated 2025 goal into that update.

## **STAFF RECOMMENDATION**

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Adopt Resolution 2019-1 of the Board of Directors of the Redwood Coast Energy Authority Adopting the Target of 100% Clean and Renewable Electricity Mix by 2025.

## **ATTACHMENT:**

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Resolution 2019-1 of the Board of Directors of the Redwood Coast Energy Authority Adopting the Target of 100% Clean Renewable Electricity Mix by 2025.

## **RESOLUTION NO. 2019-1**

### **A RESOLUTION OF THE BOARD OF DIRECTORS OF THE REDWOOD COAST ENERGY AUTHORITY ADOPTING THE TARGET OF A 100% CLEAN AND RENEWABLE ELECTRICITY MIX BY 2025**

**WHEREAS**, the 100 Percent Clean Energy Act of 2018 established as a policy of the state that eligible renewable energy resources and zero-carbon resources supply 100% of retail sales of electricity to California end-use customers by December 31, 2045; and

**WHEREAS**, RCEA was established in 2003 with its purpose including to “develop and implement sustainable energy initiatives that reduce energy demand, increase energy efficiency, and advance the use of clean, efficient and renewable resources available in the region for the benefit of the Member agencies and their constituents;” and

**WHEREAS**, in 2012 the RCEA Board adopted a Comprehensive Action Plan for Energy (CAPE) that established a vision for 2030 that includes Humboldt County no longer being a net energy importer and the majority of the community’s energy needs being met by renewable energy sources; and

**WHEREAS**, in 2013 RCEA finalized the RePower Humboldt Strategic Plan which further evaluated and reaffirmed the goal of Humboldt County meeting the majority of its electricity needs as well as a significant portion of its heating and transportation energy needs from local renewable resources by 2030; and

**WHEREAS**, in 2017 RCEA launched a community choice energy program to establish local control over the County’s electricity supply to be able to advance the goals established in the CAPE and the RePower Humboldt Strategic Plan; and

**WHEREAS**, the RCEA Board of Directors, with input from the community, adopted as the community choice energy program’s core goal maximizing the use of local renewable energy while providing competitive rates to customers, and further adopted Guidelines for the Community Energy Program Launch-period Strategy and Targets for the first five years of the program through 2021; and

**WHEREAS**, RCEA is on track toward achieving the targets established in the Launch-period Guidelines and it is necessary to build on and expand those targets to achieve RCEA’s 2030 goals as well as the state’s 2045 target, and also that the CAPE states that it shall be periodically updated by the RCEA Board; and

**WHEREAS**, time is of the essence to eliminate the use of fossil fuels 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 adopts the target of a 100% clean and renewable electricity power generation mix for RCEA’s community choice energy program by 2025.



**BE IT FURTHER RESOLVED** that RCEA staff is directed to:

1. Develop by the end of 2019 a proposed update to RCEA's Comprehensive Action Plan for Energy that incorporates the target of a 100% clean and renewable electricity mix by 2025, and the process to develop that update shall include:
  - a. Analyzing the technical feasibility and cost impacts of various scenarios to meet the 100% renewable goal, considering different resource mixes and local vs non-local sources.
  - b. Gathering community input on how RCEA will implement the 100% clean and renewable goal, including on how to fully define "clean"; as a minimum baseline it is defined as power sources that are non-fossil fuel, non-nuclear, and in compliance with all applicable air, water, and other environmental regulations. ("Renewable" is already defined by the State's Renewable Portfolio Standard.)
  - c. Considering not just electricity generation but also addressing through high-efficiency electrification the reduction of fossil fuel use for heating, cooking, industrial uses, and transportation, and planning for any resulting increase in needed renewable electricity supply to meet these needs.
  - d. Analyzing the feasibility of adding energy storage, both end-use and large-scale, short-duration and inter-seasonal, using batteries, biological storage, thermal storage, and other technologies to buffer and allow increased usage of variable renewable energy sources such as wind and solar PV.
  - e. Evaluating the need for upgrades to the electric grid at both micro and macro scales to enhance resilience and support development of both community-scale distributed energy systems as well as large-scale local renewable energy projects capable of exporting energy from the county.
  - f. Continuing to prioritize efforts to increase efficiency and conservation of all energy end uses, as well as continuing to incorporate goals around local economic and community benefits and local energy security and resilience.
  - g. Integrating and consolidating into the CAPE key elements of other subsequent RCEA planning documents, including RePower Humboldt, RCEA's Regional Electric Vehicle Readiness Plan, and the Community Energy Program Launch-Period Guidelines, and also working to align the CAPE with the climate action plans of RCEA's member governments.
2. Following the evaluation and adoption of the updated CAPE by the RCEA Board of Directors, incorporate the relevant elements of the CAPE into the long-term Integrated Resource Plan for RCEA's community energy program which will be submitted to the California Public Utilities Commission in 2020.

Adopted this \_\_\_\_ day of \_\_\_\_\_, 2019

ATTEST:

\_\_\_\_\_  
Michael Winkler, RCEA Board Chair

Date: \_\_\_\_\_

\_\_\_\_\_  
Lori Taketa, Clerk of the Board

Date: \_\_\_\_\_

#### CLERK'S CERTIFICATE

I hereby certify that the foregoing is a true and correct copy of Resolution No. 2019-1 passed and adopted at a regular meeting of the Redwood Coast Energy Authority, County of Humboldt, State of California, held on the \_\_\_\_ day of \_\_\_\_\_, 2019, by the following vote:

AYES:

NOES:

ABSENT:

ABSTENTIONS:

\_\_\_\_\_  
Clerk of the Board, Redwood Coast Energy Authority



**COMMUNITY ADVISORY COMMITTEE  
STAFF REPORT  
Agenda Item # 7**

AGENDA DATE:	April 9, 2019
TO:	RCEA Community Advisory Committee
PREPARED BY:	Lou Jacobson, Demand-Side Management Director
SUBJECT:	Community Choice Energy-Funded Citizen Sourced Programs

**SUMMARY**

Citizen Sourcing was designed in collaboration with the Community Advisory Committee (CAC) programs subcommittee. Citizen Sourcing provides a pathway for the community to recommend program ideas and was launched in early 2019. The initial proposal submission due date was March 14, 2019, and ideas submitted by that date were reviewed for potential funding beginning fiscal year 2019-2020. Ongoing submissions will be accepted. Subsequent reviews will occur after an October 31 deadline and will be reviewed and considered for future fiscal year budgeting purposes. Continuity of existing programs will be made part of the ongoing conversation.

Eight Citizen Sourced recommendations were received. Staff members Lou Jacobson, Dana Boudreau and Jocelyn Gwynn reviewed and scored the submissions. Staff member Jacobson presented the findings to the CAC Programs subcommittee on March 25. Table 1 presents each proposal and the staff score. The subcommittee had varying perspectives on the scoring but all were in agreement that the five ideas that scored above 85 should be advanced. In addition, staff and subcommittee members noted that the scoring does not infer implementation loading order or organizational priority.

**Table 1: Staff Review Results**

Unique Identifier	Proposal Title	Result
RCEA_CS_006	E-Bike Incentive Program	91.33
RCEA_CS_007	E-Bike/Scooter Incentive Program	89.33
RCEA_CS_002	Refrigerant Proposal	88.00
RCEA_CS_001	Green your Grow	86.67
RCEA_CS_004	Solar Panels for Mobile/Manufactured Homes	85.67
RCEA_CS_005	Community Solar Farm	68.33
RCEA_CS_003	Community Grid Optimization	67.33
RCEA_CS_008	PortfolioProPlus	0.00

The following provides a brief summary of findings as associated with each proposal.

- **RCEA\_CS\_006 and 007:** Consensus on staff scoring was not achieved as there were general concerns regarding whether savings would be fully realized based on use patterns. The subcommittee did agree that both submissions should be advanced for funding consideration. In addition, the subcommittee recommends that staff explore terms and conditions that target customer segments that have either a need for “low cost” transportation or a higher propensity for use.
- **RCEA\_CS\_002:** The subcommittee recommends that this proposal be considered for funding. Staff suspects that the general proposed concept can be incorporated into existing non-residential account services with minimal incremental implementation costs.
- **RCEA\_CS\_001:** The subcommittee agreed that providing a rebate for LED lighting for horticultural purposes was feasible and reasonable.
- **RCEA\_CS\_004:** The subcommittee was very supportive of this proposal and the concept of developing a program that serves this historically underserved residential subsector. Staff and the subcommittee agreed that this program would be labor intensive but that if combined with other potential funding opportunities it has the potential of providing significant value.
- **RCEA\_CS\_005:** The subcommittee expressed excitement over this idea as a stand-alone and as being potentially combined with RCEA\_CS\_004. Subcommittee members agreed with staff that although this idea is very exciting it should be referred to the Power Resources department as it will likely require supply side interconnection and general billing support to be successful. Staff will explore Community Solar in greater detail outside of this funding pathway.
- **RCEA\_CS\_003:** The subcommittee expressed interest in the concept. Lincus is currently providing energy services to 4 municipal water customers in Humboldt County through the Water Infrastructure and System Efficiency (WISE) program. WISE is administered by PG&E under the auspices of the California Public Utilities Commission. All were in agreement that additional information relating to the energy audit and energy grid balancing plans described in the proposal’s scope of work should be solicited—the follow-up will focus on the potential for programmatic integration with WISE and RCEA’s Public Agency Solar Program.
- **RCEA\_CS\_008:** A tool of this type may prove to be very useful for future efforts but is not considered a program and will be explored through other channels if and when needed.

Committee member Tittmann observed that submissions seemed to naturally fall into two categories; those that are easy to implement like equipment rebates and those that are more resource intensive to implement such as RCEA\_CS\_004 or the existing Public Agency Solar program. Staff and subcommittee members discussed how this will likely impact ongoing scoring and program selection.

Should the CAC recommend the selected abstracts, RCEA staff will finalize potential budgets and scoping statements in April and May with the intent of presenting program concepts to the RCEA Board in June. The advancement of all proposals is contingent on fiscal year 2019-2020 funding levels.

**SUBCOMMITTEE RECOMMENDATION**

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Recommend that staff advance the five selected abstracts: RCEA\_CS\_001, 002, 004, 006 and 007, for consideration by the RCEA Board of Directors in June.

**ATTACHMENTS:**

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None

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## USEFUL ACRONYMS/TERMS TO KNOW

BOD	Board of Directors
BOEM	Bureau of Ocean Energy Management, an agency within the U.S. Department of the Interior
CAC	RCEA's <a href="#">Community Advisory Committee</a> – a 15-member citizen volunteer committee who support RCEA public engagement efforts and provide decision-making support and input to the RCEA Board.
CAEECC	California Energy Efficiency Coordinating Committee
CAISO	California Independent Systems Operator, a non-profit entity overseeing operation of California's bulk electric power system, transmission lines and electricity market generated and transmitted by its member utilities
CalCCA	The California Community Choice Association, an organization advocating for the development and sustainability of locally-run Community Choice Aggregation electricity providers.
CAPE	RCEA Board-adopted <a href="#">Comprehensive Action Plan for Energy</a> , supports achieving energy-related goals in Humboldt County
CARE	PG&E's California Alternate Rates for Energy program, provides gas and electricity discounts for income-qualified customers
CCA	Community Choice Aggregation, a legal term used by the State of California
CCE	Community Choice Energy
CEC	California Energy Commission, the state's primary energy policy and planning agency
CPUC	California Public Utilities Commission
ERRA	Energy Resource Recovery Account
FERA	PG&E's Family Electric Rate Assistance Program, provides electricity discounts for income-qualified customers
FY	Fiscal Year – RCEA operates on a July 1 – June 30 fiscal year
GHG	Greenhouse gas
IOU	Investor Owned Utility (e.g. PG&E)
JPA	Joint Powers Authority, an entity allowing two or more public agencies to jointly exercise common powers. RCEA is a joint powers authority.

MW	Megawatt (Power = how fast energy is being used at one moment)
MWh	Megawatt-hour (Energy = how much energy is used over time)
NEM	Net Energy Metering, self-generation power credited to customer's bill
PCIA	Power Charge Indifference Adjustment <i>(This fee is intended to ensure that customers who switch to RCEA pay for certain costs related to energy commitments made by PG&amp;E prior to their switch.)</i>
PV	Photovoltaics for making electric energy from sunlight
Prop 39	California Proposition 39, the California Clean Energy Jobs Act allocating revenue to local educational agencies to support energy efficiency and alternative energy projects.
RCAA	Redwood Community Action Agency, locally-based, private nonprofit providing weatherization and energy-efficiency services to low- and moderate-income Humboldt County residents
RCEA	Redwood Coast Energy Authority
REC	Renewable energy certificates, also known as "green tags" or "green credits," represent the environmental attributes associated with a megawatt-hour of clean, green energy.
REpower	RCEA's community choice energy default electricity service costing slightly less than PG&E's electricity and offering a slightly higher percentage of renewable energy
REpower+	RCEA's community choice energy premium service offering 100% renewable energy
RFP	Request for Proposal
RREN	Rural Regional Energy Network
TOU	Time of Use, used to refer to rates that differ by time of day
WECC	Western Electricity Coordinating Council
WREGIS	Western Renewable Energy Generation Information System – a system that tracks renewable energy generation from registered units

See also the California Energy Commission's extensive glossary of energy terms at <http://www.energy.ca.gov/glossary/>.