

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