



Staff Report Item 12

TO: East Bay Community Energy Board of Directors

FROM: Cici Saekow, Senior Power Resources Manager and Jim Dorrance, Power Resources Manager

SUBJECT: Power Procurement Project Update (Informational Item)

DATE: November 18, 2020

Recommendation

Update on three renewable energy projects:

- A. Clearway - Rosamond Central Solar Energy Project;
- B. Alameda Summit Wind Farm (Alameda County); and
- C. Mulqueeney Wind Project (Alameda County).

Background and Discussion

At the June and July 2019 East Bay Community Energy (EBCE) Board of Directors (Board) Meeting, the Chief Executive Officer was authorized to execute two long-term PPAs for renewable energy projects that were awarded during the 2018 California Renewable Portfolio Standard Request for Offers. The Clearway project is a 112 mega-watt (MW) portion of the Rosamond Central solar energy project and is expected to begin delivery of renewable energy during December 2020. The generation will include the associated Renewable Energy Certificates (RECs), and Resource Adequacy Capacity (RA) with a contract term of fifteen years. This will be the first project to come online from EBCE's CA RPS RFO.

The second project is the Alameda Summit Wind Farm, which is a 57.5 MW, Alameda County Wind Project and is expected to begin delivery of renewable energy in March 2021 and has a contract term of twenty years. The project will be the first local renewable energy project serving EBCE customers.

In addition to the above two renewable energy projects that are already under contract, EBCE has recently signed a Term Sheet and an Exclusivity Agreement for another wind project called the Mulqueeney Wind Project. The proposed project would repower some existing wind turbines in the Altamont Pass area in Alameda County. The total project could generate 80 MW and EBCE would share the generation with another Alameda County utility with EBCE receiving 90 percent of the available generation. The Exclusivity Agreement is a formal agreement stating that both parties, EBCE and the developer, will negotiate exclusively on the project's Power Purchase Agreement.

The project plan proposes repowering twenty-nine existing wind turbines on the Altamont Pass that when completed, could generate over 200,000 mega-watt-hours (MWh) per year of local renewable energy for EBCE customers. The project would start construction in early 2022 and is expected to come online by the summer 2022 with a proposed contract term of twenty years. The project would be EBCE's second renewable wind energy project under development in that area.

The projects presented in this staff report reflect EBCE's commitment towards creating new renewable energy projects in CA and in Alameda County. These projects will increase EBCE customer's access to renewable energy, create jobs within EBCE's jurisdictions, and help EBCE manage its long-term energy procurement risk.

Attachments

- A. Power Procurement Project Update Presentation



Power Procurement Project Update

Cici Saekow

November 18, 2020



Overview



Rosamond Central
Solar Project

December 2020



Alameda Summit
Wind Project

March 2021



Mulqueoney
Wind Project

Proposed 2022



Rosamond Central

1st long-term

renewable energy
PPA to come online

112 MW

of 192 MW
project size

609,168

solar modules
installed

\$250K

invested into
EBCE's COVID-19
Relief Grants



Next Steps

Expected Commercial Operation
December 15, 2020

Ribbon Cutting Ceremony
Expected Jan/Feb 2021



 Clearway
**ENGINEERING
&
CONSTRUCTION**



Alameda Summit Wind



1st local

Long-term renewable energy
PPA to come online

57.5 MW

Located in Livermore, CA

23 turbines

As of October 2020, all 23
turbines have been erected

Next Steps

Complete commissioning
process

Expected Commercial
Operation Date –
March 2021

Ribbon Cutting Ceremony–
To be planned around COD



Mulqueeney Wind Project

Under **term sheet** and **exclusivity** with Brookfield Renewables

Previously presented to the board (MOU)

- Formal PPA negotiations underway

Expect to bring to board in 60-90 days for approval

- Initially submitted into the SCPPA RFO
- Share renewable generation output with an Alameda County based entity

Mulqueeney Wind Project

Specifications	
<p>80 MW capacity</p> <p>~200,000 MWh per year of estimated renewable generation</p> <p>EBCE's share is 90%</p>	<ul style="list-style-type: none">• Second local wind project in Altamont Pass location• Turbines re-powered at existing wind sites• Expected online summer of 2022• 20 years contract term proposed

Questions ?