



COUNTY OF HUMBOLDT

For the meeting of: 4/28/2020

File #: 20-516

To: Board of Supervisors

From: Aviation

Agenda Section: Consent

SUBJECT:

Interconnection Agreement for Net Energy Metering (NEM2) of Solar or Wind Electric Generating Facilities of 1,000 KW or Less, Other Than Facilities of 30 KW or Less

RECOMMENDATION(S):

That the Board of Supervisors:

1. Authorize the Director of Aviation, or a designee thereof, to sign the attached Interconnection Agreement with Pacific Gas & Electric Company (PG&E); and
2. Authorize the Director of Aviation to execute any amendments and successor agreements after review by County Counsel and Risk Management.

SOURCE OF FUNDING:

N/A

DISCUSSION:

The Pacific Gas and Electric (PG&E) Interconnection Agreement (IA) is a requirement for the County of Humboldt to enter into to connect the proposed new electrical infrastructure into PG&E's Power Grid. This agreement allows the Customer (the County of Humboldt) to connect a Generating Facility (the Solar Array-Microgrid Infrastructure) to offset part or all of the Customer's electrical requirements. The Solar Array-Microgrid System will offset a portion of the power consumed by the ACV Terminal, Airfield Electrical Infrastructure, and the Aircraft Rescue and Fire Fighting (ARFF) Facility at the California Redwood Coast-Humboldt County Airport (ACV). The attached letter provided by the Humboldt State University (HSU)-Schatz Energy Research Center (SERC) verifies that the proposed Generating Facility will meet the technical requirements of PG&E identified throughout the IA. For reference, SERC is serving as the electrical engineer for the Redwood Coast Energy Authority (RCEA). RCEA will be the owner-operator of the proposed Generating Facility.

FINANCIAL IMPACT:

There is no financial impact to the general fund.

STRATEGIC FRAMEWORK:

This action supports your Board's Strategic Framework by managing our resources to ensure sustainability of services and providing for and maintaining infrastructure

OTHER AGENCY INVOLVEMENT:

Humboldt State University Schatz Energy Research Center, Redwood Coast Energy Authority, and Pacific Gas and Electric

ALTERNATIVES TO STAFF RECOMMENDATIONS:

The Board may decide not to authorize the Director of Aviation to sign the Interconnection Agreement. However, this alternative is not recommended because without this Interconnection Agreement the Microgrid Project will be unable to generate power to offset a portion of the ACV Airport electrical requirements.

ATTACHMENTS:

1. Interconnection Agreement for Net Energy Metering (NEM2) of Solar or Wind Electric Generating Facilities of 1,000 KW or Less, Other Than Facilities of 30 KW or Less
2. Letter dated, April 20, 2020, from David Carter of Schatz Energy Research Center

PREVIOUS ACTION/REFERRAL:

Board Order No.: N/A

Meeting of: April 28, 2020

File No.: 20-516