

East Bay Municipal Utility District Power Generation Station

Request for Expression of Interest: Sale of Renewable Energy and Environmental Attributes from EBMUD Wastewater Facilities

General

The East Bay Municipal Utility District (EBMUD) generates renewable electricity from biogas at its Main Wastewater Treatment Plant (MWWTP) in Oakland, California and is exploring options for the sale of renewable electricity and renewable energy credits (RECs) associated with the output of the on-site Power Generation Station (PGS). The PGS includes three internal combustion engines rated at about 2.15 MW each and a gas turbine rated at about 4.5 MW. After serving the MWWTP loads on-site, there is surplus renewable power available for purchase that does not follow the typical production pattern of other intermittent renewables like solar or wind. This surplus renewable power would consist of an energy component and the associated renewable energy credits bundled with it, consistent with California Portfolio Content Category 1 (PCC1) requirements. EBMUD is requesting expressions of interest for this product.

Product Description

The product is surplus renewable energy generated at PGS beyond that required to serve on-site demand. Typically, surplus power is available in the 1-3 MW range, throughout the day, between Monday and Saturday. Typical surplus power availability over the last 3 years is shown in Attachment 1. Over the past five years, annual surplus power available has ranged from approximately 11,500 megawatt-hours (MWh) to 17,000 MWh with an average annual surplus of around 14,000 MWh. EBMUD anticipates a similar amount of surplus power annually going forward over the next five years. This power is anticipated to follow a similar availability pattern as over the past five years. EBMUD will sell the surplus renewable power on an as-available basis. Scheduling and delivery terms are negotiable.

Certifications and Registrations

Engines and turbine are certified Qualifying Facilities (QFs) with the Federal Energy Regulatory Commission (FERC). The engines and turbine are certified by the California Energy Commission as eligible under California's Renewables Portfolio Standard, and meet the California Public Utilities Commission (CPUC) PCC1 specifications. The engines and turbine are registered with WREGIS.

Scheduling and Delivery

The EBMUD facilities are interconnected with the Pacific Gas and Electric Company (PG&E) distribution system at 12.5 kV. Interested parties should express their terms for scheduling and delivery in the Response Form. Delivery at the PGS generator node is preferred.

Disclaimer/Conditions

This Request for Expression of Interest and any responses to this request are for discussion purposes only. This Request for Expression of Interest is not an offer to sell any product or service and does not constitute a commitment on the part of EBMUD to enter into a transaction. Likewise, a response will not be considered an offer to purchase. The Product Descriptions herein and any related information or conditions are subject to change and shall not bind EBMUD to any obligation or further action. Neither EBMUD nor any party responding to this Request for Expression of Interest will be obligated to enter into a power purchase agreement (PPA) or any other form of agreement with the other party, and each party may cease discussions for any reason at any time. This request is not a public Request for Proposals and EBMUD asks that responses be kept confidential.

EBMUD may enter into negotiations to sell renewable energy and RECs with one or more interested parties on the basis of responses received. Any agreement resulting from this Request for Expression of Interest will be memorialized in a written contract. Interested parties should indicate if they have a preference for use of a standard form of PPA (e.g. WSPP, EEI).

Instructions

Interested parties should provide EBMUD with information on the attached Response Form by the due date of January 21st, 2022, by 5 p.m. Pacific Prevailing Time (PPT) by e-mail to:

John Hake
jhake@ebmud.com
Phone: (510) 287-1542

Interested parties should fill in prices for the products and contract duration (five or 10 years) in the table that match their interest. Otherwise those products and durations not matching respondent's interests may be left blank or marked with "NI" for not interested.

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FOR DISCUSSION PURPOSES ONLY

EBMUD Expression of Interest - Response Form
Due: January 21st, 2022, 5 PM PPT

Interested Party Information

Name: _____

Contact Name: _____

Phone Number: _____

e-mail address _____

For each price provided, please specify the following applicable terms and requirements.

| Product Number | Quantity | Price (\$/MWh) | Duration (years) | Any Additional Buyer Requirements (e.g., delivery, scheduling) |
|-----------------------|-----------------|-----------------------|-------------------------|---|
| 1 | As-Available | | 5 | |
| 2 | As-Available | | 10 | |

Additional notes regarding buyer requirements:

Return by e-mail:
jhake@ebmud.com