

DRAFT
REQUEST FOR PROPOSALS
FOR
RENEWABLE DISPATCHABLE GENERATION
AND
ENERGY STORAGE

AUGUST 26, 2024

Appendix A – Definitions



**Hawaiian
Electric**

“Affiliate” means any person or entity that possesses an “affiliated interest” in a utility as defined by section 269-19.5, Hawaii Revised Statutes (“HRS”), including a utility’s parent holding company but excluding a utility’s subsidiary or parent which is also a regulated utility.

“BESS” means the battery energy storage system.

“BESS Contract Capacity” means the anticipated maximum net instantaneous active power (MW) and maximum energy storage capability (MWh stored that represents a 100% State of Charge) for export to the Point of Interconnection upon Commercial Operations.

“Best and Final Offer” or “BAFO” means the final offer from a Proposer, as further described in Section 4.6 and elsewhere in this RFP.

“Capacity Charge” means the amount to be paid by Company to Seller pursuant to the terms and conditions in the Firm PPA.

“Code of Conduct” means the code of conduct approved by the PUC in Docket No. 03-0372 (Decision and Order No. 23614, August 28, 2007) with respect to a Self-Build Option. An updated code of conduct was submitted to the PUC in 2015-0389 on July 9, 2020.

“Co-located Project” means a Generation Project or a Paired Project with a separate co-located energy storage component subject to independent dispatch by the Company.

“Commercial Operations” has the meaning set forth in the applicable IGP Contract.

“Community Benefits Program” is a community benefit plan as described Section 4.3 and 4.4.2 of this RFP.

“Community Engagement Plan” is a community engagement and communication plan described in Section 4.3 and 4.4.2 of this RFP.

“Company” means Hawaiian Electric Company, Inc., Hawai‘i Electric Light Company, Inc., or both Companies.

“Company-Owned Interconnection Facilities” has the meaning set forth in the applicable IGP Contract.

“Company System” means the electric system owned and operated by the Company on the island of O‘ahu and the island of Hawai‘i (including any non-utility owned facilities) consisting of power plants, transmission and distribution lines, and related equipment for the production and delivery of electric power to the public.

“Consumer Advocate” means the Division of Consumer Advocacy of the Department of Commerce and Consumer Affairs of the State of Hawai‘i.

“Development Period Security” has the meaning set forth in Section 3.14.1.

“Dispatchable” means the ability to turn on or turn off a generating resource at the request of the utility’s system operators, or the ability to increase or decrease the output of a generating resource from moment to moment in response to signals from a utility’s Automatic Generation Control System, Energy Management System or similar control system, or at the request of the utility’s system operators.

“Electronic Procurement Platform” means the third-party web-based sourcing platform that will be used for the intake of Proposals and associated electronic information, storage and handling of Proposer information, and communication.

“Eligibility Requirements” has the meaning set forth in Section 4.2 of this RFP.

“Energy Charge” means the amount to be paid by Company to Seller for electric energy delivered to the Company pursuant to the terms and conditions in the Firm PPA.

“Energy Contract Manager” is the primary Company contact for this RFP.

“ESPA” means the Model Energy Storage Purchase Agreement attached as Appendix M to this RFP.

“Evaluation Team” means agents of the Company who evaluate Proposals.

“Facility” has the meaning set forth in the applicable IGP Contract.

“Facilities Study” means a study to develop the interconnection facilities cost and schedule estimate including the cost associated with the design and construction of the Company-owned interconnection facilities.

“Final Award Group” means the group of Proposals selected by the Company from the Priority List, with which the Company will begin contract negotiations, based on the results of the Company’s detailed evaluation.

“Firm PPA” means the Model Firm Renewable Dispatchable Generation Power Purchase Agreement attached as Appendix L to this RFP.

“Generation Project” means a Project with a generation component but no energy storage component.

“Greenhouse Gas” or “GHG” are gases that contribute to the greenhouse gas effect and trap heat in the atmosphere.

“Grid Connection Point” or “GCP” has the meaning set forth in Tariff Rule No. 19.

“Guaranteed Commercial Operations Date” or “GCOD” means the date on which a Facility first achieves Commercial Operations.

"Hawaiian Electric" is a trade name with the State of Hawai'i Department of Commerce and Consumer Affairs, as evidenced by Certificate of Registration No. 4235929, dated December 20, 2019. Hawaiian Electric Company, Inc., Maui Electric Company, Limited, and Hawai'i Electric Light Company, Inc. are each doing business as "Hawaiian Electric" and have jointly registered "Hawaiian Electric" as a trade name.

"Hawaiian Electric Companies" or "Companies" means Hawaiian Electric Company, Inc. and its subsidiaries, Hawai'i Electric Light Company, Inc. and Maui Electric Company, Limited.

"Hawaiian Electric Proposal" means a Proposal submitted by the Company that is responsive to the resource need identified in the RFP, as required by Section VI of the Framework.

"Hawaiian Electric Development Team" means agents of the Company who develop Self-Build proposals.

"Host Community" has the meaning set forth in the applicable IGP Contract.

"HRS" means the Hawai'i Revised Statutes as of the date of this Request for Proposals.

"IGP Contract" means the applicable contract for that technology – i.e., RDG PPA, Firm PPA, or ESPA.

"Imputed Debt" means adjustments to the debt amounts reported on financial statements prepared under generally accepted accounting principles ("GAAP"). Certain obligations do not meet the GAAP criteria of "debt" but have debt-like characteristics; therefore, credit rating agencies "impute debt and interest" in evaluating the financial ratios of a company.

"Independent Observer" has the meaning set forth in Section 1.4 of this RFP.

"Independent Power Producer" or "IPP" means an entity that owns or operates an electricity generating facility that is not included in the Company's rate base.

"Interconnection Facilities" means the equipment and devices required to permit a Facility to operate in parallel with, and deliver electric energy to, the Company's System (in accordance with applicable provisions of the Commission's General Order No. 7, Company tariffs, operational practices, interconnection requirements studies, and planning criteria), such as, but not limited to, transmission and distribution lines, transformers, switches, and circuit breakers. Interconnection Facilities includes Company-Owned Interconnection Facilities and Seller-Owned Interconnection Facilities.

"Interconnection-Related Dispute Resolution Process" or "IDRP" shall have the meaning approved by Order No. 39163 and clarified by Order No. 39286, issued in Docket 2017-0352.

"Interconnection Requirements Study" or "IRS" means a study, performed in accordance with the terms of the IRS Letter Agreement, to assess, among other things, (1) the system requirements and equipment requirements to interconnect the Facility with the Company's System, (2) the Performance Standards of the Facility, and (3) an estimate of interconnection costs and project schedule for interconnection of the Facility.

“kV” means kilovolt.

“Land RFI” refers to a Request for Information activity conducted by the Company to identify interested parties willing to make land available for utility-scale renewable energy projects and gather relevant property information.

“LEP” means a levelized energy price (\$/MWh) calculated and used for comparison of Proposals based on information provided in the Proposal submission in this RFP.

“Lump Sum Payment” has the meaning set forth in the applicable IGP Contract. It may also be referred to as a monthly Lump Sum Payment to reflect the portion of the payment made each month.

“Mediation” means the confidential mediation conducted in Honolulu, Hawai‘i, pursuant to and in accordance with the Mediation Rules, Procedures, and Protocols of the American Arbitration Association then in effect.

“MVA” means megavolt ampere.

“MW” means megawatt.

“MWh” means megawatt hour.

“NDA” means the Mutual Confidentiality and Non-Disclosure Agreement attached to this RFP as Appendix E.

“NEP” means Net Energy Potential as set forth in Section 2.1.18.

“Net Nameplate Capacity” means the net maximum instantaneous active power capability of the Facility at the point(s) of interconnection, considering nameplate power rating of energy generating equipment sizing, expected losses in delivery of power to the point(s) of interconnection, and any project control system involved in managing the delivery of power to the point(s) of interconnection. This value, subject to verification by the Company, will determine how a project is evaluated relative to the terms and requirements of the RFP, including, but not limited to ability to interconnect to a transmission line and validation of the maximum output levels used to calculate the NEP RFP Projection. For the purposes of calculating the NEP RFP Projection it should be assumed all energy is being delivered directly to the point(s) of interconnection from the renewable resource as it is generated and never in excess of the Project’s Net Nameplate Capacity, independent of the existence of any storage device. In the applicable IGP Contract, this value will be the default Contract Capacity.

“Non-Price Evaluation Team” means Employees and consultants of the Company who evaluate the Proposal non-price related criteria as set forth in Section 4.4 of this RFP. Non-Price Evaluation Team members will not include any Shared Resources and will be solely made up of Company RFP Team Members.

“O&M” means operation and maintenance.

“Operating Period Security” has the meaning set forth in Section 3.14.1.

“Paired Project” means a Project with both a variable renewable generation component and an energy storage component, where the generation and energy storage components are controlled by Company dispatch as a single combined resource.

“Point of Interconnection” or “POI” has the meaning set forth in the applicable IGP Contract.

“Power Purchase Agreement” or “PPA” means an agreement between an electric utility company and the developer of a renewable energy generation facility to sell the power generated by the facility to the electric utility company.

“Pre-Bid Meeting” has the meaning set forth in Section 1.6.1.

“Preliminary Interconnection Report” has the meaning set forth in Section 1.6.1.

“Price Evaluation Team” means Employees and consultants of the Company who evaluate the Proposal price related criteria as set forth in Section 4.4 of this RFP. Price Evaluation Team members will not include any Shared Resources and will be solely made up of Company RFP Team Members.

“Priority List” means the group of Proposals selected by the Company as described in Section 4.5 of this RFP.

“Procedures Manual” means the manual approved by the PUC, which was put in place to address and to safeguard against preferential treatment or preferential access to information in a Company RFP process. The Procedures Manual is attached as Appendix C to this RFP.

“Project” means a Facility proposed to the Company by a Proposer pursuant to this RFP.

“Proposal” means a proposal submitted to the Company by a Proposer pursuant to this RFP.

“Proposal Due Date” means the date stated in RFP Schedule, Table 1, Section 3.1 for the Hawaiian Electric Proposal and the IPP and Affiliate Proposals of this RFP.

“Proposal Fee” means the non-refundable fee of \$10,000 for each proposal submitted as set forth in Section 1.8 of this RFP.

“Proposer” means a person or entity that submits a Proposal to the Company pursuant to this RFP.

“Proposer’s Response Package” means the form in which the Proposal should be submitted, which is attached as Appendix B to this RFP.

“PUC” means the State of Hawai‘i Public Utilities Commission.

“RDG PPA” means the Model Power Purchase Agreement For Renewable Dispatchable Generation [Wind or PV + BESS] attached as Appendix J to this RFP.

“Renewable Portfolio Standards” or “RPS” means the Hawai‘i law that mandates that the Company and its subsidiaries generate or purchase certain amounts of their net electricity sales

over time from qualified renewable resources. The RPS requirements in Hawai‘i are currently codified in HRS §§ 269-91 through 269-95.

“Request for Proposals” or “RFP” means a request for Proposals issued pursuant to a competitive bidding process authorized, reviewed, and approved by the PUC.

“Resilience Requirements” has the meaning set forth in the applicable IGP Contract.

“Revised Competitive Bidding Framework” or “Revised Framework” means the Integrated Grid Planning Framework for Competitive Bidding contained in Order No. 38481 issued by the Public Utilities Commission on June 30, 2022 in Docket No. 2018-0165.

“RFP Schedule” means the schedule set forth in Table 2, Section 3.1 of this RFP.

“Seller” means the entity that the Company is contracting with, as set forth in the applicable IGP Contract.

“Seller-Owned Interconnection Facilities” has the meaning set forth in the applicable IGP Contract.

“Site” means the parcel of real property on which the Facility, or any portion thereof, will be constructed and located, together with any Land Rights reasonably necessary for the construction, ownership, operation and maintenance of the Facility.

“Site Control” has the meaning set forth in Section 4.3 of this RFP.

“Standalone Storage Project” means a Project with an energy storage component but no generation component.

“Technical and Operational Requirements” means the various technical and operational requirements for the operation of the Facility and the delivery of electric energy from the Facility to the Company as set forth in this RFP and the Technical and Operational Requirements as defined in the applicable IGP Contract.

“Threshold Requirements” has the meaning set forth in Section 4.3 of this RFP.

Any capitalized term not defined in this RFP has the meaning set forth in the applicable IGP Contract.