



March 16, 2023

The Honorable Chair and Members
of the Hawai'i Public Utilities Commission
Kekuanao'a Building, First Floor
465 South King Street
Honolulu, Hawai'i 96813

Subject: Docket No. 2017-0352 – To Institute a Proceeding Relating to a Competitive Bidding Process to Acquire Dispatchable and Renewable Generation
Maui Injection Analysis Update

Dear Commissioners:

On March 15, 2023, the Companies¹ informed the Commission that Kamaole Solar LLC (“Kamaole Solar”) declared the Power Purchase Agreement for Dispatchable Generation, as amended, dated December 2023, 2020 (“PPA”) null and void pursuant to Section 12.4(a) of the PPA.²

Based on the foregoing and consistent with the Commission’s guidance provided on February 7, 2023 in the subject docket, the Companies are providing an update to the Stage 3 Maui injection analysis confirming that the removal of Kamaole Solar has no impact to the hosting capacities of the preferred interconnection locations provided in the Maui Stage 3 RFP.

The following table is a revision of the side-by-side comparison of injection results³ showing (1) the initial Maui Transmission System Injection Study (pg. ES-4, Table ES-1 20 MW SPOF scenario), (2) the updated injection analysis provided in the Companies’ February 21, 2023 filing that included (a) removal of a 40 MW contingency generator at Waena Switching Station, and (b) removal of Kahana Solar, LLC,⁴ and (3) the current injection analysis including the removal of Kamaole Solar (in addition to the changes made in the February 21, 2023 filing).

¹ Hawaiian Electric Company, Inc. (“Hawaiian Electric”), Hawai'i Electric Light Company, Inc. (“Hawai'i Electric Light”), and Maui Electric Company, Limited (“Maui Electric”) are collectively referred to as the “Hawaiian Electric Companies” or “Companies”.

² See Docket No. 2021-0026 – Kamaole Solar PPA “Seller’s Right to Declare the Power Purchase Agreement to be Null and Void and Withdrawal of Request for Approval of Second PPA Amendment” filed on March 15, 2023.

³ Previously provided in Docket No. 2017-0352 – To Institute a Proceeding Relating to a competitive Bidding Process to Acquire Dispatchable and Renewable Generation “Correction to Companies Letter dated February 17, 2023” filed on February 21, 2023.

⁴ Docket No. 2020-0142 – Kahana Solar, LLC PPA “Notice of Termination of Power Purchase Agreement” filed December 29, 2022.

Injection Location	69-kV Transmission Line or Substation	Table ES-1 (Dec. 22, 2022)	Revised Table ES-1 (Feb. 15, 2023)	Revised Table ES-1 (Mar. 15, 2023)
		Capacity Limit (MW) ^{1,2,3,4}	Capacity Limit (MW) ^{1,2,3,4}	Capacity Limit (MW) ^{1,2,3,4}
		20MW SPOF	20MW SPOF	20MW SPOF
C1	MPP-Lahainaluna	7	20	20
C2	MPP-Waiinu	20	20	20
C3	MPP-Waena	9.5	20	20
C4	Waena-Kealahou	11	20	20
C5	Waena-Pukalani	10.5	20	20
C6	Pukalani-Kula	12	20	20
C7	Kula-Kealahou	12.5	20	20
C8	Lahainaluna Switching Station	7	20	20
C9	Kealahou Switching Station	12.5	20	20
C10	MPP-KWP2	0	0	0
C11	KWP2-Lahaina	0	0	0
C12	Lahainaluna-Kahana	0	20	20
C13	Kahana-Napili	0	20	20
C14	Lahaina-Napili, Makai Line	0	20	20

[1] Capacity limits represent the lowest capacities for each site in all load flow simulations based on thermal limits and SPOF requirements, as defined in the criteria of this Study.

[2] Capacity limits at the various injection sites are interdependent and assume no additional generation at the other injection locations.

[3] Capacity limits are dependent on specific resource scenarios, as assumed in this Study. Any changes to available resource(s) can change the capacity limits.

[4] Final injection capacity limits will be determined by the System Impact Study.

Please feel free to contact the undersigned with any questions.

Sincerely,

/s/ Ken Aramaki

Ken Aramaki
Director, T&D and Interconnection Planning

cc: Division of Consumer Advocacy

Nojiri, Andrew

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