

Hawaiian Electric Renewable Project Status Board

Stage 2 RFP Final Award Group Projects Awaiting Regulatory Approval						
Name	Island	Developer	Tech	Size	Estimated Completion	RPS % Points Contribution
Kapolei Energy Storage	O'ahu (Barbers Point Harbor)	Energy Storage Resources LLC	BESS	185 MW, 565 MWh	2022	0.1
Keahole Battery Energy Storage	Hawai'i Island (Kailua-Kona)	Hawaiian Electric Company	BESS	12 MW, 12 MWh	2022	N/A
Kupehau Solar	O'ahu (Kunia)	Hanwha Energy USA Holdings Corp. (174 Power Global)	Solar + BESS	60 MW, 240 MWh (BESS)	2022	1.3
Barbers Point Solar	O'ahu (Kapolei)	Innergex	Solar + BESS	15 MW, 60 MWh (BESS)	2023	0.4
Kahana Solar	Maui (Napili - Honokowai)	Innergex	Solar + BESS	20 MW, 80 MWh (BESS)	2023	0.7
Mahi Solar	O'ahu (Kunia)	Longroad Development Company, LLC	Solar + BESS	120 MW, 480 MWh (BESS)	2023	3.1
Mountain View Solar	O'ahu (Wai'anae)	AES Distributed Energy Inc.	Solar + BESS	7 MW, 35 MWh (BESS)	2023	0.3
Pulehu Solar	Maui (Pulehu)	Longroad Development Company, LLC	Solar + BESS	40 MW, 160 MWh (BESS)	2023	1.2
Waena BESS	Maui (Kahului)	Hawaiian Electric Company	BESS	40 MW, 160 MWh	2023	0.2
Waiawa Phase 2 Solar	O'ahu (Waiawa)	AES Distributed Energy Inc.	Solar + BESS	30 MW, 240 MWh (BESS)	2023	1.2

Stage 2 Final Award Group Projects Contracts Under Negotiation						
Name	Island	Developer	Tech	Size	Estimated Completion	RPS % Points Contribution
Kūpono Solar	O'ahu ('Ewa Beach)	Bright Canyon Energy	Solar + BESS	42 MW, 168 MWh (BESS)	2022	1.0
Puakō Solar PV + Battery Storage	Hawai'i Island (Puakō, South Kohala)	ENGIE Development, LLC	Solar + BESS	60 MW, 240 MWh (BESS)	2023	1.9

Hawaiian Electric Renewable Project Status Board (Cont'd)

2019-2020 COMPLETED PROJECTS						
Name	Island	Developer	Tech	Size	Commercial Operation	RPS % Points Contribution
Mauka FIT 1	O'ahu (North Shore)	Mauka FIT One LLC (SPI)	Solar	3.5 MW	10/13/2020	0.1
Aloha Solar Energy Fund II	O'ahu (Kalaheo)	Aloha Solar Energy Fund II, LLC (Altus Power America)	Solar	5 MW	4/2/2020	0.1
West Loch Solar	O'ahu (Ewa Beach)	Hawaiian Electric	Solar	20 MW	11/25/2019	0.5
Kawailoa Solar, LLC	O'ahu (North Shore)	Kawailoa Solar, LLC (Clearway)	Solar	49 MW	11/20/2019	1.0
Lanikuhana Solar, LLC	O'ahu (Mililani)	Lanikuhana Solar, LLC	Solar	14.7 MW	9/19/2019	0.3
Waipio PV, LLC	O'ahu (Waipio)	Waipio PV, LLC (Clearway)	Solar	45.9 MW	9/19/2019	1.0

UNDER CONSTRUCTION						
Name	Island	Developer	Tech	Size	Estimated Completion	RPS % Points Contribution
Na Pua Makani Wind Project	O'ahu (North Shore)	Na Pua Makani Power Partners, LLC (AES)	Wind	24 MW	2020	1.0

APPROVED BY REGULATORS						
Name	Island	Developer	Tech	Size	Estimated Completion	RPS % Points Contribution
AES Kuihelani	Maui (Central Maui)	AES Kuihelani Solar, LLC	Solar + BESS	60 MW 240 MWh (BESS)	2021	1.9
AES Waikoloa Solar, LLC	Hawai'i Island (Waikoloa)	AES Waikoloa Solar, LLC	Solar + BESS	30 MW 120 MWh (BESS)	11/2022	0.8
AES West Oahu Solar, LLC	O'ahu (West O'ahu)	AES West Oahu Solar, LLC	Solar + BESS	12.5 MW 50 MWh (BESS)	9/2022	0.4
Ho'ohana Solar 1, LLC	O'ahu (Kunia)	Hanwha Energy USA Holdings Corp (174 Power Global)	Solar + BESS	52 MW 208 MWh (BESS)	2021	1.4
Mililani I Solar, LLC	O'ahu (Mililani)	Mililani I Solar, LLC (Clearway)	Solar + BESS	39 MW 156 MWh (BESS)	11/2022	1.2
Waiawa Solar Power LLC	O'ahu (Waiawa)	Waiawa Solar Power LLC (Clearway)	Solar + BESS	36 MW 144 MWh (BESS)	12/2022	1.2
Hale Kuawehi Solar LLC	Hawai'i Island (Waimea)	Hale Kuawehi Solar LLC (Innergex)	Solar + BESS	30 MW 120 MWh (BESS)	12/2022	0.8
Paeahu Solar LLC	Maui (Wailea)	Paeahu Solar LLC (Innergex)	Solar + BESS	15 MW 60 MWh (BESS)	2022	0.5

PROPOSED, AWAITING APPROVALS						
Name	Island	Developer	Tech	Size	Estimated Completion	RPS % Points Contribution
Honua Ola (Hu Honua)	Hawai'i Island (Pepe'ekeo)	Hu Honua	Biomass	21.5 MW	TBD*	1.6
Puna Geothermal Venture	Hawai'i Island (Puna)	Ormat Technologies Inc.	Geothermal	46 MW	2022	~4.0

**On 7/9/20, the Public Utilities Commission denied an application for a waiver from competitive bidding and an amended power purchase agreement, creating significant uncertainty about the project's future.*

OUT OF SERVICE					
Name	Island	Owner	Tech	Size	Estimated Return to Service
Waiau Hydro	Hawai'i Island (Hilo)	Hawaiian Electric	Hydro	1 MW	TBD

