

Hawaiian Electric Renewable Project Status Board

2019 COMPLETED PROJECTS						
Name	Island	Developer	Tech	Size	Commercial Operation	RPS % Points Contribution
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
Kawailoa Solar, LLC	O'ahu (North Shore)	Kawailoa Solar, LLC (Clearway)	Solar	49 MW	11/20/2019	1.0
West Loch Solar	O'ahu (Ewa Beach)	Hawaiian Electric	Solar	20 MW	11/25/2019	0.5

UNDER CONSTRUCTION						
Name	Island	Developer	Tech	Size	Estimated Completion	RPS % Points Contribution
Aloha Solar Energy Fund II	O'ahu (Kalaheo)	Aloha Solar Energy Fund II, LLC (Altus Power America)	Solar	5 MW	2020	0.1
Mauka FIT 1	O'ahu (North Shore)	Mauka FIT One LLC (SPI)	Solar	3.5 MW	2020	0.1
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
Molokai Island Energy Project	Moloka'i (Kaunakakai)	Molokai New Energy Partners LLC	Solar + BESS	2.6 MW 15 MWh (BESS)	2020	0.1
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)	2021	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)	2021	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)	2021	1.2
Waiawa Solar Power LLC	O'ahu (Waiawa)	Waiawa Solar Power LLC (Clearway)	Solar + BESS	36 MW 144 MWh (BESS)	2021	1.2
Hale Kuawehi Solar LLC	Hawai'i Island (Waimea)	Hale Kuawehi Solar LLC (Innergex)	Solar + BESS	30 MW 120 MWh (BESS)	2022	0.8

BESS = Battery Energy Storage System

PROPOSED, AWAITING APPROVALS						
Name	Island	Developer	Tech	Size	Estimated Completion	RPS % Points Contribution
Hu Honua	Hawai'i Island (Pepe'ekeo)	Hu Honua	Biomass	21.5 MW	2020	1.6
Paeahu Solar LLC	Maui (Wailea)	Paeahu Solar LLC (Innergex)	Solar + BESS	15 MW 60 MWh (BESS)	2022	0.5
Puna Geothermal Venture	Hawai'i Island (Puna)	Ormat Technologies Inc.	Geothermal	46 MW	2022	~4.0

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

FUTURE PROJECTS			
Island	Tech	Anticipated Need	Completion
O'ahu	Project + Energy Storage optional	Up to 1,300,000 MWh annually	2022-2025
Hawai'i Island	Solar + Energy Storage required, storage optional for other technologies	Up to 444,000 MWh annually	2022-2025
Maui	Project + Energy Storage required	Up to 295,000 MWh annually	2023-2025

