

August 17, 2022

Electric Power Development Co., Ltd.

## **J-POWER Signs Joint Development Agreement with JHI in the US for New Hydroelectric Power Plant**

Hydroelectric power plant development project in the state of Alaska, US

Electric Power Development Co., Ltd. (headquartered in Chuo-ku, Tokyo; President & CEO: Toshifumi Watanabe; “J-POWER”) has signed a joint development agreement with Juneau Hydropower Inc. (“JHI”), an electric power production and supply developer in the US for the Sweetheart Lake Hydroelectric Development Project (the “project”) near Juneau, the capital of the State of Alaska.

The purpose of the agreement is for the two companies to cooperate on the development of the project, including the construction of a hydroelectric power plant, transmission lines, and a district heating system in Alaska’s state capital based on J-POWER’s expertise in hydroelectric power generation—accumulated through domestic operations in Japan and consulting overseas—and JHI’s project development strengths in Alaska.

J-POWER, guided by J-POWER BLUE MISSION 2050, announced in February 2021, continues contributing to the stable supply of electricity worldwide and taking on the challenge of achieving carbon neutrality.



Sweetheart Lake (red circled area)

(Photo: RE Johnson)

(1) Overview

1. Project name Sweetheart Lake Hydroelectric Development Project (SLHP)
2. Location Near Juneau, Alaska, US
3. Output 19.8 MW

(2) Location



[Appendix]

J-POWER's overseas renewable energy IPP projects

J-POWER's Renewable IPP Projects (Overseas)

(Currently operational projects)

Country Region	Project Name	Power Generation Method	Capacity (MW)	J-POWER Investment Ratio (%)	Owned Capacity (MW)
Thailand	Roi-Et	Biomass (Chaff)	9	24.7	2
	GYG	Biomass (Rubber Wood Waste)	20	49.0	10
	Rooftop Solar(1 project)	Solar	0.8	60.0	0.5
China	Hanjiang (Xihe / Shuhe)	Hydro	450	27.0	122
	Gemeng	Wind, Solar, Hydro(Pumped-	946	7.0	66
Phillipines	Caliraya	Hydro	23	50.0	11
	Botocan	Hydro	21	50.0	10
	Kalayaan	Hydro(Pumped-storage)	685	50.0	343
Australia	Kidston Stage 1	Solar	50	7.7	4
	Jemalong Solar	Solar	50	7.7	4
United Kingdom	Triton Knoll	Wind(Offshore)	857	25.0	214
Total			3,111		786

(Projects under construction / development)

Country Region	Project Name	Power Generation Method	Capacity (MW)	J-POWER Investment Ratio (%)	Owned Capacity (MW)
United States	Sweetheart Lake	Hydro	19.8	TBD	TBD
	Refugio	Solar	400	25.0	100
	Birchwood	Solar	50	50.0	25
Australia	Kidston Stage-3 Wind	Wind(Onshore)	150	53.9*	81
	K2-Hydro	Hydro(Pumped-storage)	250	7.7	19
Thailand	Rooftop Solar(4projects)	Solar	5.5	60.0	3.3

\*J-POWER owns 50% stake of the project, and with its 7.7% stake in Genex Power Limited, J-POWER's overall stake is 53.9%.

