

Commercial Operation Starts at JRE Yamato Takamori 1 and 2 Solar Power Plants

Japan Renewable Energy Corporation (“JRE”; headquartered in Minato-ku, Tokyo; CEO: Kazuhiro Takeuchi) and SMFL MIRAI Partners Co., Ltd. (“SMFL MIRAI Partners”; head office: Chiyoda-ku, Tokyo; President and Representative Director: Tatsuro Terada) today announced that JRE Yamato Takamori 1 Solar Power Plant and JRE Yamato Takamori 2 Solar Power Plant, which have been under construction in Yamato-cho, Kamimashiki-gun, Kumamoto, have started commercial operation.

Together, the two power plants are expected to meet the annual demand of some 21,980 average households, helping to reduce carbon dioxide emissions by approximately 35,280 tons¹ (equivalent to 2.52 million cedar trees²) annually. The total capacity for both plants will be around 80,000 kW, making them the largest power generation facility operated by JRE.

In February 2020, JRE and SMFL MIRAI Partners entered into a joint investment project agreement for large-scale solar power plants under construction in Kumamoto and Kagoshima prefectures, and have since proceeded with construction. In addition to the two power plants that have recently started operation, JRE Aso Takamori Solar Power Plant (Kumamoto; capacity: 62,525 kW) started operation in May 2022, and JRE Satsuma Solar Power Plant (Kagoshima; capacity: 54,000 kW) is scheduled to start operation in January 2023.

With the support of all our stakeholders, JRE will continue to place importance on local concerns in relation to the operation of our power plants and proactively strive toward the realization of a carbon-free society through the development of renewable energy power plants.

1. Based on an emission coefficient of 0.000433 specified for individual electric utility companies in the Act on Promotion of Global Warming Countermeasures
2. Based on the estimation that a single cedar tree absorbs an average of 14 kilograms of carbon dioxide annually

JRE Yamato Takamori 1 Solar Power Plant

Name	JRE Yamato Takamori 1 Solar Power Plant
Operating Company	GK JRE Yamato Takamori (JRE-SMFL MIRAI Partners joint venture)
Location	Yamato-cho, Kamimashiki-gun, Kumamoto
Operation start date	September 7, 2022
Capacity	39,977 kW
Total planned annual generation	Approx. 49.7 million kWh (equivalent to annual demand of some 10,990 average households)
Electricity buyer	Kyushu Electric Power Transmission and Distribution Co., Inc.

JRE Yamato Takamori 2 Solar Power Plant

Name	JRE Yamato Takamori 2 Solar Power Plant
Operating Company	GK JRE Yamato Takamori (JRE-SMFL MIRAI Partners joint venture)
Location	Yamato-cho, Kamimashiki-gun, Kumamoto
Operation start date	June 17, 2022
Capacity	39,977 kW
Total planned annual generation	Approx. 49.7 million kWh (equivalent to annual demand of some 10,990 average households)
Electricity buyer	Kyushu Electric Power Transmission and Distribution Co., Inc.

Also see our website at <https://www.jre.co.jp/english/business/list/>.

JRE Yamato Takamori 1 Solar Power Plant



JRE Yamato Takamori 2 Solar Power Plant



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