



## ***PRESS RELEASE***

March 19, 2015

### **JGC Launches Operations Business for Mega-Solar Power Plant in Kamogawa, Chiba -Kamogawa Mayor Attends an On-Site prayer for safe operation-**

JGC Corporation has completed a mega-solar power plant in Kamogawa, Chiba, which began commercial power generation on January 6<sup>th</sup> of this year. Today (March 19<sup>th</sup>), a ceremony was held at the site to celebrate the completion and pray for safe operation of the plant. The ceremony was attended by Kamogawa Mayor Takao Hasegawa, Deputy Mayor Masao Shoji, City Council President Toshinori Tatsuno, and JGC President Koichi Kawana, among other guests.

JGC has conducted this project independently from the business development stage through to engineering, procurement and construction (EPC) and the plant operation, and this plant is the second solar photovoltaic power plant to be operated by the company. Following the start of operations, the plant will produce electricity for commercial use over a 20-year period, with JGC subsidiary Kamogawa Mirai Solar to purchase the electricity under a fixed-price system. The mega-solar business boasts a significant contribution to the Japanese domestic energy market.

In Japan, as sites suitable for constructing mega-solar photovoltaic power plants decrease in number, JGC aimed to apply the project management abilities cultivated through numerous domestic and overseas projects to the realization of an efficient and highly economical business plan. From the perspective of both an operator and an EPC contractor, JGC assessed the complex topography of the construction site to enable maximized power output, and conducted engineering and construction work accordingly.

Previously, JGC initiated a 25.6 MW mega-solar business in Oita Prefecture, which came into operation on May 1<sup>st</sup>, 2013, and is currently operating. As an EPC contractor, JGC has cultivated knowledge and experience in solar photovoltaic power generation through numerous construction project orders, including construction of a mega-solar power plant in Futtsu, Chiba, which was developed by Mitsui Green Energy Co., Ltd. and Renova, Inc. JGC completed hand-over of the plant in July of last year.

As worldwide demand for electricity increases, JGC will continue to apply the expertise it has cultivated through the EPC business toward the active development of renewable energy not only in Japan, but also overseas, especially in the intense sunlight of the Middle East.

<Reference>

Plant Outline

Facility Name	Kamogawa Mirai Solar Power Plant	
Address	3231-21, Uchiura, Uchiurayama, Kamogawa City, Chiba Prefecture, Japan	
Site Area	360,000 square meters (leased from Taiyo Kogyo Corporation)	
Operator	Kamogawa Mirai Solar (wholly-owned subsidiary of JGC)	
	Representative	President, Mitsugu Fujinami
	Office	Minato Mirai, Nishi-Ku, Yokohama City, Kanagawa Prefecture
	Founded	2013 August 8 <sup>th</sup>
Start of Commercial Operation	2015 January 6 <sup>th</sup>	
Generation Capacity	31,211kW (equivalent to the power consumed by 9,000 households)	
Construction Contractor	JGC Corporation	
Schedule	September 2013: start of site-clearing work March 2014: start of construction November 2014: connection to grid and start of commissioning	
Solar Panel Type	Total of ~125,000 solar panels manufactured by TOSHIBA Corp. and KYOCERA Corp.	

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