The Kansai Electric Power Co., Inc. TonenGeneral Sekiyu K.K. Kanden Energy Solution Co., Inc.

Implementation of Plan for Mega Solar Power Generation in Arida, Wakayama

The Kansai Electric Power Co., Inc. ("Kansai Electric" herein) and TonenGeneral Sekiyu K.K. ("TonenGeneral Sekiyu" herein) have agreed to the joint implementation of a plan for a mega solar power generation project in the city of Arida in Wakayama Prefecture.

Under the plan, a 45-hectare plot of idle land owned by TonenGeneral Sekiyu in Arida will be utilized for the construction and operation of a 30MW (30,000kW) mega solar power plant by Kansai Electric Power Group company Kanden Energy Solution Co., Inc. TonenGeneral Sekiyu will provide the land for the project and will also handle regular facility inspections and other aspects of plant management. The companies will work together toward the implementation of the plan and aim to begin plant operations in fiscal 2014.

The Kansai Electric Power Group will continue to actively promote the development of renewable energy sources, while also contributing to their growth and expansion. TonenGeneral Sekiyu will continue to contribute to the development and invigoration of the communities in which it operates.

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Attachment: Overview of mega solar power plant in Arida, Wakayama

Overview of mega solar power plant in Arida, Wakayama

Output	Approx. 30MW (approx. 30,000 kW)
Power production	Approx. 31 million kWh/year
	(equivalent to annual electricity usage of approximately 9,000
	households*)
CO2 emission	Approx. 13,000 t/year**
reduction	
Address	845-40 Nishinohama, Minato-machi, Arida-shi, Wakayama
Area of idle land	Approx. 45ha (owned by TonenGeneral Sekiyu)
Start of operation	FY2014
(planned)	

* Calculated using Kansai Electric average model usage (300kWh/month) based on metered electric furnace A

** Calculated using Kansai Electric CO2 emission coefficient for 2011 (0.414kg-CO2/kWh)



Location

Reference: Overview of TonenGeneral Sekiyu K.K.

Representative:	Jun Mutoh, Representative Director and President
Date established:	July 1947
Address:	1-8-15 Konan, Minato-ku, Tokyo
Capital:	35.1 billion yen
Business description:	Transport of crude oil and oil products; manufacture, processing and sale of oil products and petrochemical products

Reference: Overview of Kanden Energy Solution Co., Inc.

Representative: Date established:	Hiroki Tanaka, Representative Director and President April 2001
Address:	Nakanoshima Festival Tower, Nakanoshima 2-3-18, Kita-ku, Osaka
Capital:	15.2 billion yen (wholly owned by The Kansai Electric Power Co., Inc.)
Business description:	Utility services, ESCO services, energy management services (energy diagnostics, energy management support), gas and fuels marketing, facility services (safety management for electrical equipment, design and construction of electrical equipment, equipment management)