

Press information

KYOCERA TCL Solar Completes 8.5MW Solar Power Plant on Reclaimed Island on Japan's Largest Lake

Underutilized land repurposed with solar installation to provide equivalent power for roughly 2,900 average households

November 11, 2015 – Kyoto/Neuss – Kyocera Corporation (President: Goro Yamaguchi; herein “Kyocera,”) and Century Tokyo Leasing Corporation (President: Shunichi Asada; herein “Century Tokyo Leasing”) announced today that Kyocera TCL Solar LLC (herein “Kyocera TCL Solar”), a joint venture established by the two companies, has completed construction of the largest*¹ mega-solar power plant in Shiga Prefecture, Japan. A ceremony was held on October 31 to commemorate completion of the 8.5-megawatt (MW) plant, which will generate an estimated 9,300 megawatt hours (MWh) per year — enough electricity to power approximately 2,900 typical households*².



8.5 MW mega-solar power plant on Yabasekihanto Island

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To see a video of the plant, please visit:

https://www.youtube.com/watch?v=LTNw_-o5lrc&feature=youtu.be

Project planning began in October 2013, when Shiga Prefecture was publicly seeking companies to construct a solar power plant on underutilized land on Yabasekihanto Island, located on Lake Biwa. Shiga Prefecture, Kyocera and Kyocera TCL Solar concluded basic agreements in December 2013 and started construction in October 2014.

With the goal of promoting renewable energy and creating a resilient community, the multi-faceted project also includes emergency power-supply equipment consisting of a 4-kilowatt (kW) Kyocera solar power generating system and a 16.2kW storage battery, as well as solar streetlights with clocks powered by 95-watt Kyocera solar modules. In addition, the plant features a nearby observation deck where year-round visitors can view more than 33,000 solar modules from an elevated vantage point with Japan's largest fresh water lake in the background.

To further educate students about solar energy, Kyocera TCL Solar donated eco-lesson kits including miniature solar-powered cars and trains to the Center of Shiga to Act against Global Warming to help students experiment and discover potential solutions for Global Warming, in the hope of helping children deepen their understanding of environmental and energy-related issues.

In addition to this project, Kyocera and Century Tokyo Leasing are developing solar power plants at multiple sites in Japan — many of which are being repurposed on underutilized land such as abandoned golf courses, including a [92MW plant](#) in Kagoshima,

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[23MW plant](#) in Kyoto, 29.2MW plant in Tottori and 27MW plant in Fukushima, sites which are characterized by expansive land mass, high sun exposure, and a low concentration of shade trees. Kyocera and Century Tokyo Leasing hope to contribute to the development of the region with expansion of renewable energy using solar as a particularly productive way to reduce the impact of global climate change.

Project Overview

Location	Yabasekihanto Island, Kusatsu City, Shiga Prefecture, Japan
Operation	Kyocera TCL Solar LLC
Output	Approx. 8.5MW
Site area	96,138m ²
Solar modules	255-watt Kyocera modules (Approx. 33,000 modules in total)
Expected annual power generation	Approx. 9,300 megawatt MWh/year Electricity generated will be sold to the local utility (The Kansai Electric Power Co., Inc.) through Japan's feed-in-tariff system.
Completion date	October 31, 2015 (Start of Construction: October 28, 2014)
Start of operation	November 1, 2015
Design & construction	KYOCERA Communication Systems Co., Ltd.
Maintenance	KYOCERA Solar Corporation

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*1 Largest operating solar power plant in Shiga prefecture, Japan. Research by Shiga Prefecture, Kyocera, Century Tokyo Leasing and Kyocera TCL Solar (as of October 30, 2015).

*2 Based on an average annual use of 3,254.4kWh per household. Source: Federation of Electric Power Companies of Japan (Graphical Flip-chart of Nuclear & Energy Related Topics 2015)

For more information about Kyocera:

www.kyocera.eu

About Kyocera

Headquartered in Kyoto, Japan, Kyocera Corporation is one of the world's leading manufacturers of fine ceramic components for the technology industry. The strategically important divisions in the Kyocera Group, which is comprised of 226 subsidiaries (as of March 31, 2015), are information and communications technologies, products which increase quality of life, and environmentally friendly products. The technology group is also one of the largest producers of solar energy systems worldwide, with more than 6 gigawatts of solar power having been installed around the world to date.

The company is ranked #552 on Forbes magazine's 2015 "Global 2000" listing of the world's largest publicly traded companies.

With a global workforce of over 68,000 employees, Kyocera posted net sales of approximately €11.74 billion in fiscal year 2014/2015. The products marketed by the company in Europe include printers, digital copying systems, microelectronic components, fine ceramic products and complete solar power systems. The Kyocera Group has two independent companies in the Federal Republic of Germany: Kyocera Fineceramics GmbH in Neuss and Esslingen and Kyocera Document Solutions in Meerbusch.

The company also takes an active interest in cultural affairs. The Kyoto Prize, a prominent international award, is presented each year by the Inamori Foundation — established by Kyocera founder Dr. Kazuo Inamori — to individuals and groups worldwide who have contributed significantly to the scientific, cultural, and spiritual betterment of humankind (converted at present €360,000 per prize category*).

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