

Press release

## **Kyocera and Century Tokyo Leasing to Develop 13.4MW Floating Solar Power Plant on Reservoir in Chiba Prefecture, Japan**

**Providing the equivalent power used by roughly 4,700  
typical households, installation set to become the world's  
largest floating solar plant**

**January 7, 2015, Kyoto/Neuss** – Kyocera Corporation and Century Tokyo Leasing Corporation announced that Kyocera TCL Solar LLC, a joint venture established by the two companies, will develop and operate a 13.4-megawatt (MW) floating solar power plant on the Yamakura Dam reservoir, managed by the Public Enterprises Agency of Chiba Prefecture in Japan for industrial water services. The plant will become the largest floating solar installation in the world<sup>\*1</sup>.



Aerial view of the  
Yamakura Dam site

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### Overview

Location	Yamakura Dam (Ichihara City, Chiba Prefecture, Japan)
Operation	Kyocera TCL Solar LLC
Output	Approx. 13.4MW
Solar modules	Approx. 50,000 Kyocera modules
Expected annual power generation	Approx. 15,635MWh/year Electricity generated is planned to be sold to Tokyo Electric Power Company, Incorporated

Aiming to reduce its burden on the environment, the Public Enterprises Agency of Chiba Prefecture had been publicly seeking companies to construct and operate a floating solar power plant at the Yamakura Dam. Kyocera TCL Solar was selected to undertake this project in part due to its experience and expertise in developing utility-scale solar power plants in Japan. The company aims to begin operations in March 2016 after negotiating with related parties including Tokyo Electric Power Company.

“When we first started R&D for solar energy in the mid 1970’s, the technology was only viable for small applications such as street lamps, traffic signs and telecommunication stations in mountainous areas,” stated Nobuo Kitamura, senior executive officer and general manager of the Corporate Solar Energy Group at Kyocera. “Since then, we have been working to make solar energy use more ubiquitous in society, and have expanded our business to residential, commercial and utility-scale solar applications. We are excited to work with our partners on this project, taking another step forward by utilizing untapped bodies of water as solar power generation sites.”

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The project will be comprised of approximately 50,000 Kyocera modules installed over a water surface area of 180,000m<sup>2</sup>. The plant will generate an estimated 15,635 megawatt hours (MWh) per year — enough electricity to power approximately 4,700 typical households<sup>\*2</sup> — while offsetting about 7,800 tons<sup>\*3</sup> of CO<sub>2</sub> emissions annually.

Under the plan, Kyocera TCL Solar will build and operate the installation, and Century Tokyo Leasing will provide project financing. The Kyocera Group will be responsible for the supply of solar modules and related equipment in addition to construction, operation and maintenance. The modules will be installed on floating platforms manufactured by Ciel et Terre (headquarters: France), which is also supplying the platforms for a [floating solar power plant project in Hyogo Prefecture](#) currently being constructed by Kyocera TCL Solar.

By cooperating with local companies on construction and operation, and establishing an environmental education facility adjacent to the plant to provide environmental classes for local elementary school students, Kyocera and Century Tokyo Leasing hope that the project will play a role in the development of the local community. The companies are committed to promoting solar energy as a means to attain a low-carbon society.

\*<sup>1</sup> World's largest floating solar power plant in terms of output (as of December 22, 2014)

\*<sup>2</sup> Based on an average annual use of 3,313kWh per household. Source: Federation of Electric Power Companies of Japan (2012)

\*<sup>3</sup> Based on calculations derived from JPEA standards

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Photo of a similar floating solar installation

### For more information about Kyocera:

[www.kyocera.eu](http://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 230 subsidiaries (as of April 1, 2014), 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 5 gigawatts of solar power having been installed around the world to date.

The company is ranked #531 on *Forbes* magazine's 2014 "Global 2000" listing of the world's largest publicly traded companies.

With a global workforce of about 70,000 employees, Kyocera posted net sales of approximately €10.19 billion in fiscal year 2013/2014. The products marketed by the company in Europe include laser printers, digital copying systems, microelectronic components, finceramic products and complete solar power systems. The Kyocera Group has two independent companies in the Federal Republic of Germany: Kyocera Finceramics 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 €362,000 per prize category).

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### About Century Tokyo Leasing

Century Tokyo Leasing Corporation (TOKYO:8439) (<http://www.ctl.co.jp/english/>), was launched in 2009 through the merger of the former Century Leasing System, Inc. and the former Tokyo Leasing Co., Ltd. Century Tokyo Leasing is one of the leading companies in the industry, operates in four business segments, Equipment Leasing, Specialty Financing (including environmental and energy business), International Business and Automobile Financing. The company enjoys the support of a strong line-up of shareholders, including Mizuho Financial Group and ITOCHU Corporation. As of the year ended March 31, 2014, the company's consolidated operating assets reached total of 2.6 trillion yen (approx. USD25.7 billion), and the Company's market capitalization stood at 308 billion yen (approx. USD3 billion).

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