



Kyocera TCL Solar Inaugurates Floating Mega Solar Power Plants in Hyogo Prefecture, Japan

April 20, 2015 in [Asia](#), [Environment](#), [EV News](#), [Floating Solar](#), [Greentech](#), [Grid](#), [Japan](#), [Kyoto](#), [Manufacturing](#), [Renewables](#), [Solar](#)

1.7MW and 1.2MW installations will provide equivalent power for roughly 920 average households

KYOTO, Japan – 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, a joint venture established by the two companies, has completed construction of two floating mega-solar power plants at Nishihira Pond and Higashihira Pond in Kato City, Hyogo Prefecture, Japan.



Photo courtesy of Kyocera
Kyocera TCL Solar Inaugurates Floating Mega Solar Power Plants in Hyogo Prefecture, Japan

The plants, inaugurated in late March, will generate an estimated 3,300 megawatt hours (MWh) per year in total— enough electricity to power approximately 920 typical households .

Overview of the Project in Hyogo Prefecture, Japan

Location	Two reservoirs in Kato City, Hyogo Prefecture, Japan
Operation	Kyocera TCL Solar LLC
Output	Nishihira Pond: 1.7MW; Higashihira Pond: 1.2MW (Total: 2.9MW)
Solar Modules	255-watt Kyocera modules (11,256 modules in total)
Expected annual power generation	Approx. 3,300MWh/year Electricity generated will be sold to the local utility (The Kansai Electric Power Co., Inc.) through Japan’s feed-in-tariff system.
Start of construction	September 2014
Start of operation	March 2015

Features

1. Floating solar power generating systems typically generate more electricity than ground-mount and rooftop systems due to the cooling effect of the water.
2. They reduce reservoir water evaporation and algae growth by shading the water.
3. Floating platforms are 100% recyclable, utilizing high-density polyethylene, which can withstand ultraviolet rays and resists corrosion.
4. The floating platforms are designed and engineered to withstand extreme physical stress, including typhoon conditions.

* Based on average annual use of 3,600kWh per household. Source: Federation of Electric Power Companies of Japan

This article is an EV News Report repost, credit: [Kyocera](#).