



SMA Solar Technology AG—Press Release

SMA inverters powering the largest single floating PV power plant in Jiangsu, China

Yancheng, November 7, 2018 – SMA Solar Technology AG (SMA) has supplied the Zevelution Pro 40K-MV inverters to the largest single floating PV power plant in Jiangsu, China. The 20MW PV Power Plant Project of Yancheng has been successfully connected to the grid and started functioning since July 26, 2018. The 511 Zevelution Pro 40K-MV inverters supplied by SMA greatly reduce the installation and maintenance cost for the project due to its compact and lightweight design.

Adopting the 40kW photovoltaic inverter of SMA and occupying a total of 350,000m² of state-owned untapped water area, the project is estimated to have a generating capacity of over 26 million kW. Compared with fossil fuel power stations with the same generating capacity, this PV power plant can save about 9,200 tons of CO₂ every year.

"We are very pleased to establish the partnership with SMA China," said Mr. Junhai Du, General Manager of RUNHAI, EPC for the project. "RUNHAI is careful to only select products with leading technologies to offer to our esteemed clients. We see the SMA product line and their strategy of producing cutting edge products an excellent fit with RUNHAI's vision. We can benefit from the high reliability and efficiency of the system with SMA products."

"Agricultural solar market is very important with potential to grow significantly in China," said Mr. Yong Zhang, President of SMA China. "RUNHAI has extensive experience developing large-scale solar plants and has the capability to effectively advance our value-added technologies. We look forward to further cooperation with RUNHAI."

Compared with traditional fishing-photovoltaic integration projects, this 20MW PV power plant project of Yancheng is especially highlighted with its installation of photovoltaic power generation components on the floating construction. Power generation over the water and aquatic farming under the water operate at the same time. Thus, it boasts the benefits of occupying no land resources, lowering water evaporation and generating plenty of power with photovoltaic components of water cooling. When the photovoltaic farming project launches, it will absorb labour force, thus bringing a stable wage income to local residents.

The investment in the 20MW single floating photovoltaic power plant project can not only help local residents increase their income and promote economic development on site, but also bring significant benefits to local environmental protection.

About SMA

The SMA Group with sales of around €900 million in 2017 is a global leader for solar inverters, a key component of all PV plants. SMA offers a wide range of products and solutions that allow for high energy yields for residential and commercial PV systems and large-scale PV power plants. To increase PV self-consumption efficiently, SMA system technology can easily be combined with different battery technologies. Intelligent energy management and digital energy solutions, comprehensive services and operational management of PV power plants round off SMA's range. The company is headquartered in Niestetal, near Kassel, Germany, is represented in 19 countries and has more than



3,000 employees worldwide, including 500 working in Development. SMA's multi-award-winning technology is protected by more than 1,100 patents and utility models. Since 2008, the Group's parent company, SMA Solar Technology AG, has been listed on the Prime Standard of the Frankfurt Stock Exchange (S92) and is listed in the SDAX index.

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