



SMA Solar Technology AG – Press Release

SMA is the only international company to supply large-scale storage project in Korea with battery inverters and system technology

Niestetal/Seoul, October 13, 2015 – SMA Solar Technology AG (SMA) is supplying a large-scale storage project, run by the state-owned Korean electric utility company KEPCO, with 24 Sunny Central Storage 1000 battery inverters and system technology. The project is aimed at supplying reserve power and is the largest of its kind in the world. In addition to SMA, only local companies were qualified for the other portions of the 200-megawatt project.

In November 2015, SMA will deliver 24 Sunny Central Storage 1000 battery inverters to Korea. They include the necessary system technology for integrating the batteries. The SMA inverters will be used with large lithium-ion batteries from a leading Korean manufacturer to supply 24 MW of power conditioning output. The entire system will then be qualified during a test operation scheduled for a six-month period.

“The selection of SMA as the only foreign manufacturer on this project, which is so important for the Korean electricity supply, is a great success for us and our Korean partner BOSUNG Powertec Co. Ltd., who will install the Sunny Central Storage battery inverters on-site,” said Myoung-Bae Lee, General Manager of SMA Korea, after the signing of the contract.

Supplying reserve power is of particular importance in Korea. Because of the country’s island location and its border with neighboring North Korea, it is not possible to import the balancing power needed to stabilize utility grids the way it is done in other countries. The power must therefore be generated and supplied within the country itself. KEPCO (Korea Electric Power Corporation) has announced that in the coming years it will issue invitations to bid on additional portions of frequency regulation projects, each with 200 MW that will be used to supply reserve power for grid stabilization. This is intended to guarantee long-term reliability of the Korean utility grid.

“With on-grid storage systems, the Sunny Central Storage battery inverters provide a full range of grid management services such as frequency control or grid congestion management,” explained Volker Wachenfeld, Executive Vice President Off-Grid and Storage at SMA. “This reduces ongoing reserve power capacities and ensures grid stability. Integration of large-scale storage systems and Sunny Central Storage battery inverters to supply reserve power to utility grids thus supports continuous expansion of renewable energies worldwide.”



About SMA

The SMA Group with sales of more than €800 million in 2014 is the global market leader for solar inverters, a key component of all PV plants and offers innovative key technologies for future power supply structures. It is headquartered in Niestetal, near Kassel, Germany, and is represented in 21 countries. The Group employs more than 4,000 people worldwide. SMA's broad product portfolio includes a compatible inverter for every type of module on the market and for all PV system sizes. The repeatedly awarded product range includes system technologies for grid-connected photovoltaic systems as well as off-grid and hybrid systems. The technology is protected by 740 patents and utility models worldwide. The range of services is supplemented by comprehensive services and operational management of large-scale PV power plants. 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 also in the TecDAX index.

SMA Solar Technology AG

Sonnenallee 1
34266 Niestetal
Germany

Head of Corporate Communications:

Anja Jasper
Tel.: +49 561 9522-2805
Presse@SMA.de

Press Contact:

Susanne Henkel
Manager Corporate Press
Tel.: +49 561 9522-1124
Fax +49 561 9522-421400
Presse@SMA.de

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