



SMA Solar Technology AG press release

Hessian Minister of Economics Tarek Al-Wazir Opens New SMA Test Center

Niestetal, August 26, 2021 – SMA Chief Executive Officer Jürgen Reinert was yesterday joined by Hessian Minister of Economics Tarek Al-Wazir to inaugurate the new SMA EMC Test Center. The electromagnetic compatibility (EMC) test hall will enable comprehensive testing for inverters and systems with high electrical outputs of up to five megawatts. SMA has invested around €6 million in the construction of the state-of-the-art test center and is thus clearly committed to Germany as a location.

“Photovoltaics is becoming one of the most important pillars of our energy supply worldwide. With this in mind, ever higher demands are being placed on the safety and integration capacity of PV inverters,” explained SMA CEO Jürgen Reinert. “Our new test center – which we suspect is the only one of its kind in the world – will enable us to reliably and rapidly test even very large systems for electromagnetic compatibility. This will give us the confidence that our future solutions for PV power plants will too meet the safety requirements of international markets. As an energy transition company, we are investing in the future so that SMA can tap into the potential of the ever-growing global PV market.”

“SMA is demonstrating that the energy transition is a promising business model for the future”

“SMA has been an innovation and technology driver of the energy transition for 40 years,” declared Hessian Minister of Economics Tarek Al-Wazir (Green Party) as he took a tour of the new SMA Test Center for large-scale PV and battery inverters in Kassel. He said that the new EMC hall underscored the high quality and performance standards that SMA sets for itself and its products. “SMA is demonstrating that the energy transition not only makes ecological sense, but is also a promising business model for the future.”

EMC tests for inverters and other applications

SMA’s cutting-edge EMC test hall will cover around 740 square meters of laboratory space. Devices weighing up to 30 tons and emitting as much as 200 kW of waste heat will be tested there in the future. It will be possible to measure radiated interference and interference immunity at distances of up to ten meters. The facility will be capable of testing a range of devices, including future generations of the recently launched Sunny Central UP central inverter. There are also plans to make the test facility available to external companies in fields such as e-mobility, wind energy and rail.

The tests for electromagnetic compatibility will ensure that the electronic components installed in the inverters and other devices do not cause interference that could affect other applications. At the same time, the EMC tests will prevent external electromagnetic waves from having any damaging effect on the devices.



About SMA

As a leading global specialist in photovoltaic and storage system technology, the SMA Group is setting the standards today for the decentralized and renewable energy supply of tomorrow. SMA's portfolio contains a wide range of efficient PV and battery inverters, holistic system solutions for PV and battery-storage systems of all power classes, intelligent energy management systems and complete solutions for PV diesel hybrid applications. Digital energy services as well as extensive services up to and including operation and maintenance services for PV power plants round off SMA's range. SMA inverters with a total output of more than 100 gigawatts have been installed in more than 190 countries worldwide. SMA's multi-award-winning technology is protected by more than 1,600 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 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
Presse@SMA.de

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