

172 MW PV PLANT

credit: BELECTRIC

CLEAN ENERGY FOR SMART CONSUMERS

**SG3125HV-20****+50.000
HOUSEHOLDS****E-VEHICLES
& MORE**

ONE OF THE MAJOR ENERGY TRANSITION PROJECT IN GERMANY IS NOW DELIVERING ELECTRICITY

The system developed and constructed by BELECTRIC is connected to the public grid in order to make the electricity available to end consumers. All of this takes place on an area that is roughly the size of 248 soccer fields.

Volkswagen is supporting the project as a reliable bulk buyer so that more clean electricity is available for electric cars, among other things.

In addition to the purely technical systems, the project also includes numerous compensatory and replacement measures for species and nature conservation. The entire area on and around the solar park will be developed into a species-rich grassland and provided with a circular path.

Location

Tramm and Lewitzrand
in Mecklenburg-Western
Pomerania, Germany

Systems

Ground mounted
37x SG3125HV-20 inverters
plus 7.2 MV skid

Size

2,480,000 m²

BENEFITS

At the end of 2020, BELECTRIC began the preparatory measures, such as road construction and construction site equipment.

The underground cables have been laid in order to then erect the substructure for the around 420,000 solar modules. The park's solar modules face south.



Sungrow's inverters SG3125HV-20 plus MV Skid on site
(credit: BELECTRIC)



Truck unloading of Sungrow inverters on-site

Sungrow Service staff is always present on-site following installation operations and commissioning.

Sungrow also trains the local Service staff to make them independent on managing inverters and MV stations.

After its completion, the system will be permanently looked after by staff on site. This guarantees the reliability of the technology and creates local added value in the long term.

ABOUT SUNGROW

Sungrow Power Supply Co., Ltd. ("Sungrow") is the world's most bankable inverter brand with over 182 GW installed worldwide as of June 2021. Founded in 1997 by University Professor Cao Renxian, Sungrow is a leader in the research and development of solar inverters with the largest dedicated R&D team in the industry and a broad product portfolio offering PV inverter solutions and energy storage systems for utility-scale, commercial & industrial, and residential applications, as well as internationally recognized floating PV plant solutions. With a strong 24-year track record in the PV space, Sungrow products power installations in over 150 countries.

ABOUT BELECTRIC

BELECTRIC is one of the most successful enterprises in the realization of utility scale solar power plants and energy storage systems. BELECTRIC was founded in 2001 and has been expanded to an international group since then. The solar energy specialist has constructed over 480 solar PV power plants with 4,2 GWp PV capacity so far. Engineers and project developers from BELECTRIC conduct interdisciplinary research in all areas of solar PV technology and battery storage systems and develop technologies which form the foundation for an environment-friendly energy supply of the future.