Press release

Maximum energy efficiency with a PV solution from IBC SOLAR

Car dealer focuses on green energy for more profitability and sustainability

Bad Staffelstein / Germany, November 10, 2020 – IBC SOLAR AG, a global leader in photovoltaic (PV) systems and energy storage, has developed an individual and comprehensive energy solution in cooperation with Kempka-Elektrotechnik for the car dealership Dresen in Korschenbroich, Germany. The solution includes a PV system plus storage, a charging infrastructure as well as an energy management system. This makes the company less dependent on rising electricity costs and makes it e-mobility ready with immediate effect.

More and more car dealerships in Germany are leading the way by demonstrating where the mobility turnaround begins: with a complete PV system in their own company. The car dealership Dresen from Korschenbroich in Germany is now leading by example. Since this summer, a total of 528 IBC SOLAR modules with a total output of 167 kilowatt peak have been producing climate-friendly solar power.

For the fast and efficient realisation of the project, an expert team from IBC SOLAR supported their long-term specialist partner Kempka-Elektrotechnik, who installed the system: from the selection of the right components, the design and detailed planning, to support with commissioning and during the first operating phase.

The tailor-made system has been specifically adapted to the needs of the car dealership. In addition to the integration of a storage system, a suitable energy management system (EMS) ensures an efficient regulation of the energy flows in the company and maximum utilisation of the solar power through load management. At the same time, the area of electromobility was expanded accordingly and integrated into the PV system.

Thanks to this new energy solution, Dresen is significantly reducing its energy procurement costs and service charges, thereby increasing its profitability. Due to the planned e-charging infrastructure, a massive network expansion including a new transformer would have been necessary. Thanks to the PV system, this measure can now be omitted. Another advantage: As a result of combining the PV system with a storage possibility, the car dealership not only relieves the public power grid, but also saves around 61.6 tons of CO2 per year with its new energy solution.

About IBC SOLAR

IBC SOLAR is a leading global provider of photovoltaic and energy storage solutions and services. The company offers complete systems and covers the entire product range from planning to the turnkey handover of photovoltaic systems. The product range comprises solar parks, self-consumption systems for commercial enterprises and private households, off-grid photovoltaic systems and diesel hybrid solutions. As a project developer and general contractor, IBC SOLAR implements and markets major solar projects worldwide. The manufacturer-independent system house guarantees the highest quality for all projects and has currently implemented photovoltaic systems with an output of 4,7 gigawatts worldwide. IBC SOLAR works with a close network of Premium Partners and supports them with their own software tools for planning and designing grid-connected systems including storage systems. IBC SOLAR offers customised packages for energy providers, municipal utilities and providers of photovoltaic solutions. The company ensure the best possible output of solar parks through technical management and monitoring.

IBC SOLAR was founded by Udo Möhrstedt in Bad Staffelstein in 1982 who has managed the company as the Chairman of the Executive Board to date. The system house is a pioneer of the energy turnaround in Germany and is especially committed to energy cooperatives with its own planned public solar parks. The company is active internationally with numerous regional companies, sales offices and partner companies in more than 30 countries.

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