

Press release

IBC SOLAR provides solar hybrid solution for private housing estate in Lebanon

Solar modules and battery storage show how to deal with regular power cut-offs

Bad Staffelstein / Germany, December 20, 2018 – IBC SOLAR AG, a global leader in photovoltaic (PV) systems and energy storage, has equipped a private housing estate in Lebanon with an off-grid PV system including batteries for backup storage. The solution for Feelwood Compound was realised by SMART AGE, a long term Premium Partner of IBC SOLAR who has the expertise, capacity and professional EPC skills to implement such projects on turnkey basis.

Feelwood Village Compound is located in Baabdat, a mountain village close to Beirut. The private housing estate with eleven residential deluxe buildings was finalised in the beginning of 2016.

Feelwood is committed to provide a clean and quiet environment to its residents. Noting the dependency on diesel generators in the area due to chronic utility cut-offs, the owner “Corbani Group” decided to invest in an off-grid PV system. 230 polycrystalline modules have been installed on different roofs, oriented towards south and east west. The yield should reach 80,000 kWh per year. 48 batteries of the type MOLL OPzV 2870 Ah store the solar energy to make it available at night. The owner’s aim was to reduce the diesel generator usage during daytime and to rely only on stored solar energy at night.

To develop a turnkey solution, SMART AGE conducted a site evaluation, determining customer requirements and expectations as well as associated load curves. After several iterations and in-depth analysis of the collected data, SMART AGE compiled a tailored solution to fit the requirements. The design of the 60-kWp PV hybrid plant was further validated by IBC SOLAR, which provided all necessary components such as IBC SOLAR Line modules, batteries, a multicluster box, inverters and the IBC TopFix 200 mounting system.

Lebanon has been an important target market for IBC SOLAR in the Middle East and North Africa (MENA) since 2015. Private households and companies are increasingly investing in PV solutions, with a focus on self-supply with solar power to reduce energy costs and to become more independent from utilities. Albert Engelbrecht, Senior Vice President Solutions International, commented: “The combination of high solar radiation and attractive state funding programs like Green Loan in Lebanon will make the countries in the MENA region key solar markets in the future.”

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 over 3 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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