

Press release

## Solar plant on gas station shows how Jordan can achieve its renewable energy goals

*High efficiency solar modules produce 15,000 kilowatt-hours clean energy per month*

**Amman / Jordan, October 15, 2018 – MIRNA, Jordan Premium Partner of IBC SOLAR AG, a global leader in photovoltaic (PV) systems and energy storage, has installed a solar plant with 100 kilowatt peak for a gas station located near Amman. The PV plant contributes to the national energy independence strategy of the monarchy.**

353 solar modules facing south have been installed on the roof of the gas station near Airport Bridge. The PV plant is meant to produce around 15,000 kilowatt hours monthly which are feed into the public grid. The PV plant contributes to climate protection with an annual CO<sub>2</sub> saving of 59 tons.

To ensure high quality of the components and high yields during the whole life cycle of the plant of approx. 25 years, MIRNA decided on modules from the German system provider IBC SOLAR. The monocrystalline modules of the type IBC MonoSol 295 VL offer high performance at a competitive price. In order to meet high profitability and yield requirements, the modules are subject to the strictest quality requirements that are regularly tested and certified by independent institutes like Fraunhofer ISE. Thanks to a good economic design with high yields, the investor can expect a payback period of 38 months.

Jordan is heavily dependent on energy imports. The national energy independence strategy therefore envisages massively strengthening the expansion of renewable energies and generating a large part of the steadily growing electricity demand of its 7.6 million inhabitants from its own regenerative sources. To this end, the state introduced a Renewable Energy Sources Act in 2012 with technology-specific feed-in tariffs. By 2020, ten percent of the power plant mix is to be covered by renewable energies. Therefore, solar energy is to be expanded to 600 megawatts.

### **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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