

Press release

## **Largest photovoltaic plant in Western Sweden supplies manufacturer of prefabricated houses**

*Derome Plusshus implements green production with 600 kilowatt peak (kWp) solar power plant*

**Bad Staffelstein / Germany, December 3rd, 2018 – Solkompaniet, Swedish premium partner of the German IBC SOLAR AG, has planned and installed a self-consumption photovoltaic (PV) system for the prefabricated house manufacturer Derome Plusshus. With the new PV system, Derome is taking an important step towards becoming a climate-neutral company.**

The new Derome Plusshus factory in Varberg on the Swedish west coast was built with the aim of producing climate-neutral prefabricated houses. Around half of the electricity required for production is produced by the building itself: On the roof, around 2,200 photovoltaic modules with a total capacity of 607 kWp catch the sun on an area of 6,000 square metres. The plant is the largest in Western Sweden to date.

Derome's corporate philosophy is to work as environmentally and climate-friendly as possible. "It feels right to invest in solar energy and other renewable sources," says Henrik Svahn, project manager for the construction of the Derome plant. "We build our houses with environmentally friendly materials such as wood and we are proud that we have also found a climate-friendly alternative for the electricity supply with solar energy." In addition to the solar electricity the factory also uses energy from wind and water power.

For the planning, design and construction of the PV system, Derome turned to the experts of Solkompaniet, the Swedish premium partner of IBC SOLAR. In addition to the solar modules, IBC SOLAR also supplied the IBC AeroFix mounting system. This substructure is particularly important because it has three decisive advantages. Firstly, it is aerodynamically designed. This means that the modules lie securely on the roof even in case of heavy wind loads. Secondly, the aerodynamic optimisation requires very little additional ballast. Especially in winter, with snow loads on the roof and the modules, this is important for static reasons. Thirdly, IBC AeroFix is not screwed to the roof. The roof skin is not damaged, and water cannot penetrate it.

### **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.

**Media contact:**

IBC SOLAR AG

Iris Meyer (Press Officer)

Am Hochgericht 10

DE-96231 Bad Staffelstein, Germany

Tel.: +49 9573 / 92 24 782

[presse@ibc-solar.de](mailto:presse@ibc-solar.de)