

Press Release

IBC SOLAR and their South African Partner Lapp Group Implement Solar Project for Coca-Cola Water Bottling Plant

Bad Staffelstein / Heidelberg (South Africa), September 20, 2011 – Coca-Cola is utilizing green solar power in its Valpré plant at Heidelberg in South Africa. At the site of a newly constructed water bottling plant, a photovoltaic system was built using components from German PV specialist IBC SOLAR. The PV system was installed by IBC SOLAR's South African partner Lapp Group. At a nominal power of approximately 30 kWp, the photovoltaic system will generate approximately 50,000 kWh per year. For this project, Coca-Cola received the sustainability certificate of the 'Green Building Council of South Africa' which honors energy-efficient buildings.



IBC SOLAR was responsible for delivering the modules, additional components and the monitoring system and for starting up the facility. A total of 132 IBC PolySol modules and two inverters were installed together with Lapp Group as a partner. With this PV system, Coca-Cola contributes to a sustainable and environmentally friendly electricity generation. The PV system will make the company less dependent on the local power grid while also reducing annual CO₂ emissions by 29.5

tons.

Constructions of a nationwide power grid are still underway in South Africa. Electrical supply is only available near the main grid lines at high tariffs. Companies and residents therefore often use diesel-powered generators as a back-up power supply, a costly approach which is as well harmful for the environment. For this reason, solar-generated electricity is increasingly used as an alternative to conventional power plants. In order to have a sustainable, distributed, low-cost electricity supply on a local basis, the Coca-Cola executives decided to build their own PV project.

The Lapp Group as IBC SOLAR's partner will monitor the facility, ensuring that the facility will yield high long-term returns. Using an automatic remote-monitoring system, technical problems can be identified and remedied in order to avoid potential failures. The Lapp Group will also be responsible for the regular maintenance of the installation.

Dieter Dilchert, Director at the renewable energy division at Lapp Group explained: "Our close collaboration with IBC SOLAR enabled us to build this environmentally-friendly PV facility and to contribute to Coca Cola's global green strategy. The government's support will certainly drive ahead the

creation of sustainable infrastructures in South Africa, and solar technology will become a significant success factor for additional energy-efficient buildings in our country.”

“The company is setting a good example by building this PV facility”, said Alexander Müller, who is responsible for the Off-Grid Power Supply business at IBC SOLAR. “Solar energy in particular enables the promotion of the local infrastructure development and the prevention of significant CO₂ emissions. As an international PV system provider, it is our goal to promote the use of renewable energies in South Africa.”

Thanks to its high solar radiation, South Africa is ideally suited for the use of photovoltaic technology. The South African city of Johannesburg, for instance, has an annual insolation of nearly 2,000 kWh/m².

About IBC SOLAR

IBC SOLAR is a leading global photovoltaic specialist for photovoltaic systems, offering complete solutions for power production from solar energy. The company covers the entire spectrum, from planning to the turnkey handover of photovoltaic installations. Globally, IBC SOLAR has already implemented more than 100,000 turnkey photovoltaic systems with a total power of more than 1.4 gigawatt (GWp). The scale of these installations ranges from large photovoltaic power stations and solar parks, which feed electricity into the grid, to off-grid systems. IBC SOLAR sells its photovoltaic components and systems over an extensive network of trade partners. As general contractor, IBC SOLAR plans and implements large scale solar projects. Through maintenance and monitoring, IBC SOLAR ensures an optimal performance of the solar park.

IBC SOLAR was founded in 1982 in Bad Staffelstein. IBC SOLAR is represented by several subsidiaries around the world and currently employs around 400 employees, of which approximately 290 work in Germany. The international business group IBC SOLAR is directed from its headquarters in Bad Staffelstein.

Press contacts:

IBC SOLAR AG
Katrin Birner
Am Hochgericht 10
96231 Bad Staffelstein
Tel.: 09573 / 9224-780
Fax: 09573 / 9224-709
Katrin.Birner@ibc-solar.de
www.ibc-solar.com

Fleishman-Hillard München
Ortrud Wenzel / Anja Feuerstacke
Herzog-Wilhelm-Str. 26
80331 Munich
Tel.: 089 / 230 316 - 0
Ortrud.Wenzel@fleishmaneuropa.com
Anja.Feuerstacke@fleishmaneuropa.com