

## **New Software Helps Plan and Customise Photovoltaic Plants**

### **Valentin Software presents PV\*SOL premium at Intersolar Europe for the first time ever**

Valentin Software GmbH, located in Berlin, will be presenting its new planning software PV\*SOL premium at the world's largest trade fair for the solar industry for the very first time. With a new intuitive user interface, PV\*SOL premium will succeed the company's simulation program PV\*SOL Expert starting in June – it will help users plan and visualize solar power plants in detail.

### **New feature calculates own consumption more precisely**

As with the previous versions, the new version has, at its core, the analysis of shading for roof-top and free-standing plants in 3D mode: it calculates how often the modules are under shade on average and how that affects the plant yield, then presenting these results graphically. Users can select all of the shading objects freely and place them on the premises or the building in any way desired.

Among its new features, PV\*SOL premium takes own consumption into account precisely, since it can also display the electricity stored in the battery systems, in contrast to its predecessor. The program imports current load profiles on the basis of hourly, quarter-hourly or minute values, which significantly eases the input of the load curves.

### **More flexibility in selecting components**

In addition, PV\*SOL premium enables users to select as many possible arrays per PV plant as desired, which increases flexibility and maximum plant size. They can select different inverters and combine them with each other in any way needed. Since the program connects the components automatically, it can indicate all useful inverter combinations, also in 3D mode, in seconds.

PV\*SOL premium represents the energy balance of the total plant in an extensive table, which eases plant control. Detailed project reports for grid operators and customers, as well as the circuit diagram it creates automatically for the grid connection, ensure additional transparency and safety.

The new software is available in German, English, French, Italian, Polish and Spanish. As with the previous versions, Valentin also offers training seminars and beginner webinars free-of-charge for PV\*SOL premium.