Berlin, 30 April 2014

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.

About Valentin Software

Valentin Software can look back on over 20 years of successful company history. Thanks to its brands PV*SOL®, T*SOL® and GeoT*SOL® for the dynamic simulation, design, yield calculation and financial prognosis of photovoltaic, solar thermal and heat pump systems, Valentin Software has become the worldwide leading provider in innovative planning software for sustainable energy supply.

Among its customers count engineers, planners, architects, installers, and craftsmen as well as manufacturers active in the fields of heating technology, electrical engineering, and building services.

Valentin Software at Intersolar Europe

Valentin Software will be presenting its products at Intersolar Europe in Munich in Hall A1, Stand 631 from 4 to 6 June.

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You can find the press release as a PDF and image material at the following link:
http://pressedownload.pr-krampitz.de/Valentin_PVSOL_premium_EN.zip

Caption:
PVSOL_premium_3D-Planning_EN: Planning via 3D visualization
PVSOL_premium_3D-Textures_EN: Buildings and shading objects are freely configurable

Source: Valentin Software, Berlin

Publication free of charge, although we kindly request a sample copy. We would be pleased to send you further images. If you have any questions, we would be glad to help you.