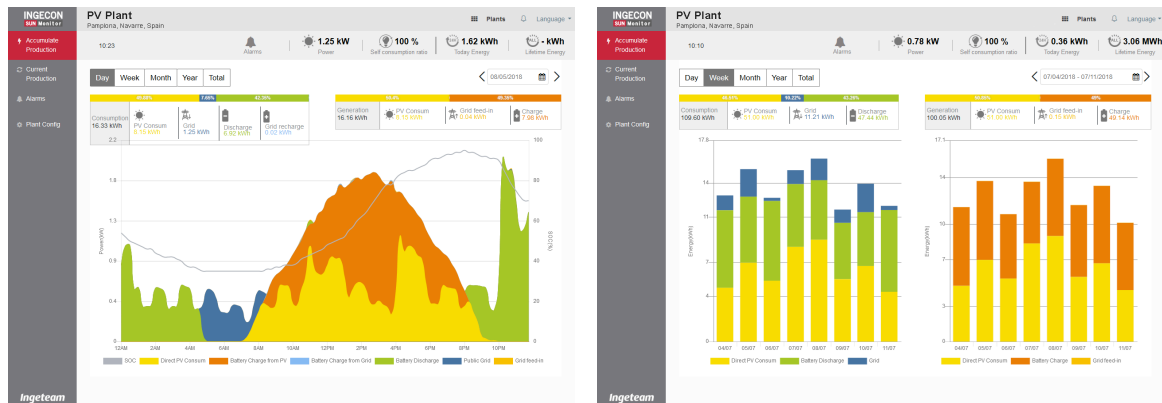


Ingeteam presents its new platform to monitor PV plants and self-consumption systems



- **The INGECON SUN Monitor platform is available as a web application and also as an app for iOS and Android mobile devices.**
- **A number of self-consumption systems monitored with this application are already achieving mean monthly self-consumption ratios of more than 99%.**

Ingeteam, 20th of September, 2018.

Ingeteam has developed a new monitoring platform directed at all sizes of solar PV plants, as well as PV self-consumption systems. With regard to the latter, the INGECON SUN Monitor platform (www.ingeconsunmonitor.com) makes it possible to monitor domestic and industrial systems alike, with or without batteries.

The INGECON SUN Monitor application presents the real-time data for generation, consumption and energy storage if applicable. Users can view this information on a daily, weekly, monthly or yearly basis.

Those users with an Ingeteam self-consumption system installed in their homes now have information on how much they are saving on their electricity bill, thanks to the harnessing of solar power. Furthermore, the INGECON SUN Monitor application gives details of all the energy flows in each time slot, so that users have real-time information on which electricity supply is being used to power their homes, the self-consumption

ratio achieved (percentage of the electricity demand covered with the energy generated by the system itself, in other words, by the PV panels) and the final use of the solar energy. which can either be direct consumption, battery storage for subsequent consumption or delivery to the public grid in those places where this is permitted. This helps users to be aware of their consumption habits, offering the possibility to change these habits in order to increase their self-consumption ratios.

Many homes are now equipped with self-consumption systems with batteries, based on Ingeteam technology and which use this monitoring system in order to achieve average monthly self-consumption ratios of more than 99%.



The application has also been designed to monitor large-scale PV plants. In this case, the tool proves extremely useful for providing information on all the generation data, both in real time and also for daily, weekly, monthly and yearly figures and to view the gain obtained with this energy production. Likewise, the application provides remote information on the status of any possible alarm present at the plant, so that the user can monitor this situation. Moreover, all this information is compiled in a report that is emailed to the user on a daily basis.

Ingeteam

Ingeteam is a leading company specializing in the design of power and control electronics (frequency converters, process automation and control systems), electric machines (generators and motors), electrical engineering and generation plants. To date, Ingeteam has supplied 50 GW in power converters for renewable energy plants and is amongst the TOP 10 companies dedicated to the operation and maintenance of renewable plants, with a portfolio of 12 GW.

The company operates in all continents, and has a headcount of 3,750 employees around the world. Ingeteam invests 5.5% of its annual turnover in R&D, which is the backbone of the company's business activity.

For more information:

www.ingeteam.com

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