Have your PV plant bugs explained to you by your child!

The innovative "Deep Sniff" display from SunSniffer provides "at a glance" information on the status of a PV plant - so even a five-year-old child can monitor the PV plant.

Out of the informational Middle Ages and into the transparent future: until now it has been necessary to execute time-consuming and expensive search and measurement actions on site at the plant, but now even a small child can explain to you what is operating sub-optimally and where at your plant.

This innovative display on the SunSniffer web portal shows you all modules in series on the y-axis, and their performance in the course of a sunny and cloudless day on the x-axis.
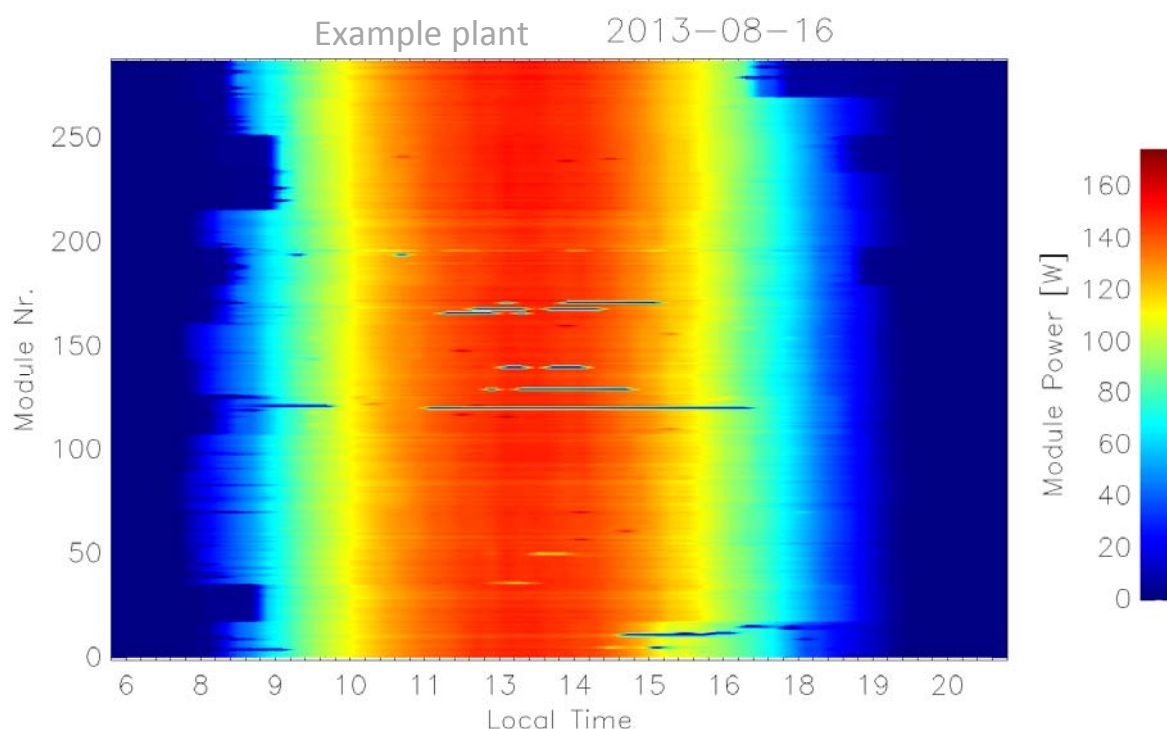
The system automatically recognizes a cloudless day and provides the corresponding analysis. A basically well-functioning plant can be seen in the example given here. However, a few "inclusions" can be discerned: the bar in the middle, for example, or the formation at the bottom right. This formation nicely shows a wandering shadow - a lamppost, maybe. The central bar on the other hand indicates that the corresponding modules malfunctioned during the midday period.

Are you able to detect this sort of thing in your system? Or do you just hope for the best that it will operate efficiently? It really could not be any easier to identify potential problems and errors than with this display. And armed with this knowledge it is now a simple matter to take appropriate action, such as the exchanging of a module, removing shade-inducing branches or the like – or not. And the deciding factor: you now have a choice and can make informed decisions based on 100% transparent data. For example, if a module is defective, it can easily and quickly be replaced - if you know that a module is faulty, and which one. If it is not replaced the overall performance of the plant is reduced; after replacement it can once again perform at a high level. So you not only save money, but also increase your earnings by 7% and more. Get to know our SunSniffer using our short, explanatory video: http://videoen.sunsniffer.de.

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About STORM:

STORM Energy GmbH is a Storm Holding company, which, over 25 years, has devoted itself to the development of new technologies in the area of real-time processes and big data. In 2002, following the establishment of a new division, attention was turned to renewable energies, in particular photovoltaics. The experience and lessons learned from the construction and operation of solar power plants and the constructive discussion of these specific challenges led to the creation of their current core competency: the development of an operating system for solar plants.

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For further information about SunSniffer®-technology, please go to: www.sunsniffer.de, about the company: www.stormenergy.de