Beat: Technology

Phoenix Contact Solar Park Management: Automation and Networking

Technology News

Dubai, United Arab Emirates, 28.08.2018, 23:05 Time

USPA NEWS - -(AETOSWire) Photovoltaic (PV) systems have become an important and established source of power, with a current installed capacity of approximately 230 gigawatts worldwide. In the Middle East alone, 11 gigawatts projects have been announced that are either in the bidding or the prequalification stage. The main driver for adopting solar and renewables in the region is the low prices of solar energy that led policy makers and industry leaders to take a number of steps towards increasing and accelerating its adoption.

Photovoltaic systems are being installed in industrial areas and public spaces more and more frequently because environmentally friendly power sources are perceived positively by the public. This trend is further fueled by the fact that PV applications are easy to use.
To enhance the efficiency and yield of your photovoltaic system, you need to use continuous operating data acquisition and intelligent data management. Irrespective of which transmission medium you use, Phoenix Contact has the right network components for you to set up a failsafe communication solution. The basis for this includes high-performance Gigabit switches, modems, and media converters.

The profitable operation of large photovoltaic systems requires continuous monitoring and control at segment level. The Array Control switchgear and controlgear assembly from Phoenix Contact performs this function and records all relevant data related to the current performance of the arrays, the ambient conditions, and the inverter status. This data is transmitted to a higher-level SCADA system in the central control room.
Phoenix Contact provides standard and customer-specific solutions for the automation and visualization of photovoltaic systems.

About Phoenix Contact
Phoenix Contact, a global market leader and innovator in the field of electrical engineering, is headquartered in Germany. Phoenix Contact has five production sites in Germany and eleven abroad, with more than 50 sales subsidiaries and 40 representations. Its mission is to provide the best possible solution for your electrical engineering tasks. Phoenix Contact Middle East in the United Arab Emirates is an independent subsidiary with local management, sales, training, support and logistics operations. Their reliable presence in the region brings Phoenix Contact´s products and expertise into closer proximity to their clients and partners in the Middle East and Northeast Africa.

For more information, please visit: www.phoenixcontact.ae

Article online:
https://www.uspa24.com/bericht-14030/phoenix-contact-solar-park-management-automation-and-networking.html

Editorial office and responsibility:
V.i.S.d.P. & Sect. 6 MDStV (German Interstate Media Services Agreement): Zayad Alshaikhli

Exemption from liability:
The publisher shall assume no liability for the accuracy or completeness of the published report and is merely providing space for the

submission of and access to third-party content. Liability for the content of a report lies solely with the author of such report. Zayad Alshaikhli

Editorial program service of General News Agency:
United Press Association, Inc.
3651 Lindell Road, Suite D168
Las Vegas, NV 89103, USA
(702) 943.0321 Local
(702) 943.0233 Facsimile
info@unitedpressassociation.org
info@gna24.com
www.gna24.com