



An Effective Way to Integrate Solar

- *PROLEC-GE Launches New Three-Phase Pad-Mounted Transformer for Solar Industry*
- *New Product Offers Customers A Reliable Solution in Solar Farm Energy Generation*
- *Product is designed based on the specific user application in order to ensure power quality and cost effectiveness*

PARIS - August 25, 2014 — Helping to meet the growing integration of solar energy, GE's Digital Energy business (NYSE: GE) today launched its three-phase, [PROLEC-GE Solar Pad-Mounted Transformer](#). With [PROLEC-GE's](#) three-phase solar pad-mounted transformers, the energy coming from the solar inverter and generated by photovoltaic (PV) cells in solar farms will be transformed from low voltage to medium voltage.

The new transformer will support the solar industry's annual growth of 13 percent which is expected to continue for several years¹.

The new solar product line transformers can be designed to help customers find the most cost-effective configuration according to their particular needs. These transformers can be engineered with two low-voltage windings, which enable the user to connect two inverters, helping to decrease the operating cost and initial investment.

"The increasing importance of solar generation will require grid operators and the photovoltaic industry to develop strategies to ensure solar continues to play a major part in the global generation mix," said Rosario Lopez, Commercial Director, PROLEC-GE. "Our three-phase pad-mounted transformer solution will help to support solar growth trends by improving the ROI for solar developments."

Among the characteristics that provide high reliability to this product's operation is the inclusion of electrostatic shield as a standard feature, which helps to isolate the low voltage windings from the high-frequency pulses present in the medium voltage system, protecting the solid-state components of the inverters.

The announcement was made at CIGRE Session 45 being held Aug. 24-29 in Paris.

GE's Digital Energy business is a global leader in transmission and distribution solutions that manage and move power from the power plant to the consumer. Its products and services increase the reliability of electrical power networks and critical equipment for utility, industrial and large commercial customers. From protecting and optimizing assets such as generators, transmission lines and motors, to delivering analytic tools to help manage the power grid, GE's Digital Energy business delivers industry-leading technologies to solve the unique challenges of each customer. For more information, visit <http://www.gedigitalenergy.com/>.

About PROLEC-GE

PROLEC-GE is a joint venture between the GE and Xignux, S.A. de C.V. It is one of the largest transformer manufacturers in the Americas, offering a full line of transformer products for the generation, transmission and distribution of electric power. PROLEC-GE has more than 40 years of experience in the industry, with products installed in more than 35 countries around the world. For more information, please visit www.prolecge.com.

1. <http://www.slideshare.net/FrostandSullivan/global-solar-power>

About GE

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