



## PROJECT DATA SHEET



### SOLAR POWER (PHOTOVOLTAICS) ROOFTOP SYSTEM FOR NUEVITAS CEMENT FACTORIES CUBA

**Client:** FL Smidth A/S

**Consultant:**

**Form of contract:** Client Purchase Order

**Contract period:** February 2019 – June 2019

#### Project description:

The irradiation in Cuba is high and adapting PV roof top system on substation roofs proof worth investment for the investor.

Based on poly PV panel 280Wp, DKE have designed and optimized the system on PVsyst software to generate maximum kWh. String inverter with independent MPPTs tracking is using to convert and connect electricity from PV panel to the grid without any storage. A simple PV panel support system made from galvanize steel secures PV panel from wind and orientate them as design. The system allows dismantling PV panels quickly in case of sudden storm. Our customer also requires to purchase PV panel and Inverter to complete installation for special faster design.