PERFECT YIELDS DESPITE HIGH LEVELS OF DUST AT A SOLAR-POWERED CAR PARK

Shopping centre in Dubai, UAE

At the "My City Centre Al Barsha" shopping centre in Dubai, the car parks serve several purposes. Not only do they provide shade for the customers' cars, they also produce over 200 MWh of clean energy every year thanks to a 123.5 kWp PV system.

The levels of dust in the region cannot be compared to anything found in central Europe. This makes the quality of the components used even more important. Fronius inverters have an IP 66 protection class, are dust- and spray water-resistant and can be mounted outdoors. This saves the cost of building an extra component room and has a positive effect on the total investment.

The Fronius Symo and Fronius Eco inverters used here are part of the Fronius SnapINverter range. PV expert Gorkem Soyumer from Enerwhere approves: *"Fronius inverters are easy to install and use. They also deliver excellent yields for a long period of time."*

OUR SOLUTION:

/ IP 66 protection class: our SnapINverters are dust- and spray water-resistant

/ The unique SnapINverter system simplifies installation and maintenance significantly

SYSTEM DATA	DUBAI, VAE
Size of installation	123.5 kWp
System type	Roof-top installation
Inverter	1 Fronius Symo 20.0-3-M, 4 Fronius Eco 27.0-3-S
Commissioned	October 2016
Annual yield	Approx. 204 MWh
CO_2 savings / year	Approx. 210 t
Special feature	Extremely dusty environment

enerwhere
Sustainable Energy. Anywhere.

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