

# 30 MWp PV PLANT



## FOLLOWING THE SUN

Credits: Total Eren

\*\* This picture refers to installation still in process



**SG250HX**



**+3.400  
HOUSEHOLDS\***



**+43,000 t/y  
CO<sub>2</sub> SAVED\***

### SUNGROW PROVIDES INVERTER SOLUTION TO TOTAL EREN SOLAR FARM COMMISSIONED IN NOVEMBER 2021

Total Eren, a leading renewable energy Independent Power Producer ("IPP") headquartered in Paris, announced the successful commissioning of the "Kozani" project, consisting in four solar photovoltaic PV plants and totalling c. 40 MWp in Kozani region, Northern Greece. The solar farms have been operating at 100% nominal power since November 10th, 2021. The projects were awarded a feed-in premium in July 2019 in the frame of a public tender organized by the Regulatory Authority for Energy ("RAE").

Three of these PV plants, for a total of **30 MWp**, work with **Sungrow SG250HX string inverters**.

\* rough calculation for projects with Sungrow inverters only and considering 3-4 people each household.

#### Location

Kozani, Greece  
Ipsoma Karoglou  
Trano Fragma north  
Trano Fragma south

#### Systems

Ground mounted  
30x SG250HX

#### Expected production

51 GWh per year\*

#### Owner



# BENEFITS

The PV modules installed follow the sun thanks to a tracker system: SG250HX inverters, with 12 MPPTs are ideal for maximizing the energy production when irradiation level changes along the day.

With outdoor design and IP66 ingress protection rating, SG250HX are very resistant to harsh environment conditions. The smart forced air cooling also ensure long-lasting life of the inverter even under high working temperatures.



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Sungrow SG250HX inverters are installed at the side of the trackers rows.

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*Sungrow's parts of Kozani Solar Project consists in three PV farms of nearly 10 MWp each.*



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## ABOUT SUNGROW

Sungrow is the world's most bankable inverter brand with over 224 GW installed worldwide as of December 2021. Founded in 1997 by University Professor Cao Renxian, Sungrow is a leader in the research and development of solar inverters, with the largest dedicated R&D team in the industry and a broad product portfolio offering PV inverter solutions and energy storage systems for utility-scale, commercial, and residential applications, as well as internationally recognized floating PV plant solutions. With a strong 25-year track record in the PV space, Sungrow products power installations in over 150 countries.