

Turnkey containerized solar project ROI in Libya

Will TotalEnergies develop a 500MW solar PV project in Libya?

TotalEnergies will develop a 500MW solar PV project in Libya under the agreement. Image: TotalEnergies French energy giant TotalEnergies has won new contracts in Libya that include the development of a 500MW solar PV project, although it will also see the company pour US\$2 billion into crude oil production and invest in gas extraction.

What is the largest solar project in Libya?

Sadada area is about 280 km south east of Tripoli. This plant will be the largest solar project in Libya with the latest technological application in the field of solar energy. According to the Renewable Energy Authority of Libya that about 1.2 million solar panels will be used in the project to generate up to 152 TWh per year.

How can solar energy be used to generate electricity in Libya?

Renewable energy including solar energy can be used to generate electricity by photovoltaic conversion. Solar energy by far is the most available in Libya as the average sunlight hours is about 3200 hours/year and the average solar radiation is approximately 6 kWh/m²/day.

What did TotalEnergies do at the Libya Energy & Economy Summit?

During the Libya Energy & Economy Summit, TotalEnergies agreed to develop the production capacity of the Waha concessions via a US\$2 billion investment, including in the 100kbpd North Gialo project. Moreover, it said it would invest in gas gathering projects in the region.

How many solar panels will be used in Libya?

According to the Renewable Energy Authority of Libya that about 1.2 million solar panels will be used in the project to generate up to 152 TWh per year. It is planned that the implementation of the strategic project to reach 25 percent of the generation capacity during the year 2022.

Does TotalEnergies have a solar park deal with Libya?

Among the signed agreements is a Memorandum of Understanding (MoU) between TotalEnergies and the General Electricity Company of Libya for the development of a 500MW solar park that will supply electricity to the national grid. The solar park deal was dwarfed by TotalEnergies' additional investments in oil and gas announced at the same event.

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