

## **PDEOZE PowerContainer**

# **Qatar s new GW-scale solar projects**



## Overview

---

QatarEnergy has signed an agreement with TotalEnergies to build the Dukhan Solar Project, a 1.6 GW project that will more than double Qatar's solar capacity by 2029. Will qatarenergy build a new solar power plant in 2022?

Furthermore, the new Dukhan Solar Power Plant will be integrated into QatarEnergy's existing solar portfolio, which includes the Al-Kharsaah plant, inaugurated in 2022 with an 800 MW capacity, and two additional projects in Ras Laffan and Mesaieed industrial cities, set to produce 875 MW by year-end.

How much solar power will Qatar have by 2030?

With the addition of the new Dukhan Solar Power Plant, QatarEnergy's portfolio of solar power projects in Qatar will reach a capacity of about 4,000 megawatts by 2030. This represents approximately 30% of Qatar's total electrical power production capacity.

When will a 2 GW solar plant start in Qatar?

In September 2024, QatarEnergy unveiled plans for a 2 GW solar plant in Dukhan, western Qatar. The project is forecast to begin operations in 2029. Qatar is targeting a renewable energy portfolio of more than 4 GW by the end of the decade.

Who is building a solar power plant in Qatar?

State-owned petroleum firm QatarEnergy has awarded a contract for the construction of the 2,000MW Dukhan solar power plant. The agreement was signed between the client company and South Korea's Samsung C&T, about 80 kilometers west of Doha. The plant will double Qatar's solar generation capacity once completed.

How many solar projects are there in Qatar?

The inauguration of two solar projects with a combined capacity of 875 MW

has more than doubled Qatar's installed solar capacity. State-owned petroleum company QatarEnergy has inaugurated two solar projects with a combined capacity of 875 MW.

Is Qatar relying on other countries to build solar power plants?

Speaking at an inauguration ceremony earlier this week, Saad Sherida Al-Kaabi, the Minister of State for Energy Affairs, said Qatar has "moved beyond relying on the expertise of others for the construction, operation, and maintenance of solar power plants, and has begun implementing such projects using our own national expertise."

## Qatar s new GW-scale solar projects

---

Furthermore, the new Dukhan Solar Power Plant will be integrated into QatarEnergy's existing solar portfolio, which includes the Al-Kharsaah plant, inaugurated in 2022 with an 800 MW capacity, and two additional projects in Ras Laffan and Mesaieed industrial cities, set to produce 875 MW by year-end.

With the addition of the new Dukhan Solar Power Plant, QatarEnergy's portfolio of solar power projects in Qatar will reach a capacity of about 4,000 megawatts by 2030. This represents approximately 30% of Qatar's total electrical power production capacity.

In September 2024, QatarEnergy unveiled plans for a 2 GW solar plant in Dukhan, western Qatar. The project is forecast to begin operations in 2029. Qatar is targeting a renewable energy portfolio of more than 4 GW by the end of the decade.

State-owned petroleum firm QatarEnergy has awarded a contract for the construction of the 2,000MW Dukhan solar power plant. The agreement was signed between the client company and South Korea's Samsung C&T, about 80 kilometers west of Doha. The plant will double Qatar's solar generation capacity once completed.

The inauguration of two solar projects with a combined capacity of 875 MW has more than doubled Qatar's installed solar capacity. State-owned petroleum company QatarEnergy has inaugurated two solar projects with a combined capacity of 875 MW.

Speaking at an inauguration ceremony earlier this week, Saad Sherida Al-Kaabi, the Minister of State for Energy Affairs, said Qatar has "moved beyond relying on the expertise of others for the construction, operation, and maintenance of solar power plants, and has begun implementing such projects using our own national expertise."

Sep 2, 2024 · QatarEnergy has unveiled plans for a new solar mega project that will more than double the country's solar energy output. The project will increase Qatar's PV solar capacity to ...

Sep 23, 2025 · Qatar's new 2 GW solar plant marks a significant step in its energy transition, doubling solar capacity and setting a strong precedent for large-scale renewable integration in ...

Sep 18, 2025 · Qatar's solar journey began with the Al-Kharsaah Solar Power Plant (KSPP) in October 2022. This 800 MW plant, Qatar's first large-scale solar project, was developed by a ...

Sep 18, 2025 · Qatar's solar journey began with the Al-Kharsaah Solar Power Plant (KSPP) in October 2022. This 800 MW plant, Qatar's first large-scale solar project, was developed by a consortium including ...

Sep 17, 2025 · The first phase of the Dukhan solar plant will deliver 1,000MW of power to the Kahramaa grid by the end of 2028. QatarEnergy has shown its zeal in delivering solar projects ...

Apr 9, 2024 · The new 2GW facility will more than double Qatar's installed PV capacity by 2030, increasing its PV solar capacity to approximately 4GW. It is expected that solar power will ...

Sep 17, 2025 · QatarEnergy has awarded Samsung C& T Corp the contract to build the 2-gigawatt (GW) Dukhan solar power project, a move aimed at doubling Qatar's solar energy capacity and supporting the country's ...

May 2, 2025 · The inauguration of two solar projects with a combined capacity of 875 MW has more than doubled Qatar's installed solar capacity.

Apr 9, 2024 · The new 2GW facility will more than double Qatar's installed PV capacity by 2030, increasing its PV solar capacity to approximately 4GW. It is expected that solar power will provide about 30% of the country's ...

May 2, 2025 · The inauguration of two solar projects with a combined capacity of 875 MW has more than doubled Qatar's installed solar capacity.

Sep 2, 2024 · QatarEnergy Announces 2 GW New Solar Power Mega Project In QatarThe company currently has the 800 MW Al-Kharsaah Solar Power Plant which was commissioned ...

Sep 1, 2024 · New solar power mega project to more than double Qatar's solar power production capacity to 4,000 megawatts World-scale solar ...

Sep 17, 2025 · QatarEnergy has awarded Samsung C& T Corp the contract to build the 2-gigawatt (GW) Dukhan solar power project, a move aimed at doubling Qatar's solar energy capacity ...

Sep 1, 2024 · New solar power mega project to more than double Qatar's solar power production capacity to 4,000 megawatts World-scale solar power plant at Dukhan expected to be ...

Oct 30, 2025 · The national targets were ambitious but manageable: 4 GW of large-scale renewables and a modest 200 MW of distributed solar generation by 2030. The most critical ...

## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://pdeozepv.pl>