

Solar panels installed in Denmark





Overview

Denmark installed 545 MW of solar in 2024, with utility-scale projects driving market growth, according to Danish solar association Dansk Solcelleforening. How much solar does Denmark have in 2024?

The nation added 545 MW of solar last year, up from 378 MW in 2023 but down from more than 1 GW in 2022. The new additions bring Denmark's total solar capacity to more than 4 GW. Utility-scale installations drove Denmark's solar growth in 2024, with projects over 1 MW adding 356 MW, said Dansk Solcelleforening.

How many solar PV installations are there in Denmark?

The latest version can be found below and shows a total expansion of solar PV in Denmark of more than 3.3 GW as of 1 July 2023. The installations consist of both large installations in the open country as well as smaller installations, mainly on rooftop. Solar PV Statistics 2nd quarter 2023 (Only available in Danish).

What is the solar PV market in Denmark?

According to GlobalData, solar PV accounted for 22% of Denmark's total installed power generation capacity and 10% of total power generation in 2023. GlobalData uses proprietary data and analytics to provide a complete picture of this market in its Denmark Solar PV Analysis: Market Outlook to 2035 report. Buy the report here.

How many solar projects will Google invest in in Denmark?

In September 2019, Google announced to invest in five different Danish solar projects with a collective capacity of 161 MW. The capacity of each project is 17 MW, 23 MW, 41 MW, 25 MW, and 55 MW. The projects are estimated to be operational in the late 2020s.



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