

How many PV systems are there in Sweden?

So, the actual number of PV systems above 1 MW in Sweden is larger than 99 systems the way most people would see it. With regards to the number of installed PV systems in Sweden, statistics are available for grid-connected systems for the years 2016 to 2023.

How is PV capacity collected in Sweden?

All the grid-connected PV capacity is collected through surveys sent out by Statistics Sweden, SCB, (Statistiska Centralbyrån) on behalf of the Swedish Energy Agency (Energimyndigheten) to all the Swedish grid operators.

Who pays for PV research in Sweden?

The majority of the Swedish government's funds to PV research are distributed by the Swedish Energy Agency (Energimyndigheten), which is tasked with leading the energy transition in Sweden, and the Swedish Research Council (Vetenskapsrådet).

How much does a PV system cost in Sweden?

The total price was 11.70 SEK/Wp. There have been some significant changes in the Swedish residential PV market between 2020 and 2023, for example, the size of the annual market and the number and size of companies working with PV system installations.

How many grid-connected PV systems are there in Sweden?

In total, there were 251 626 grid-connected PV systems in Sweden by the end of 2023. The number of off-grid systems is unknown. A majority of the grid-connected PV systems, 228 262, are small systems below 20 kW. 23 265 are in between 20 kW - 1000 kW and 99 systems are above 1 MW according to the official statistics (summarised in Table 5).

Are new PV technologies coming to Sweden?

However, some Swedish companies focusing on new PV technologies or Balance of System components continued to develop healthily. There has also been news about potential new PV industry deployment, with plans for new PV module manufacturing in Sweden involving both thin-film and silicon technologies.

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