

Högslätten Solar Park 2023



Högslätten Solar Park, located in Härnösand, Sweden, is a large-scale solar district heating facility operated by Absolicon. The Absolicon T160 collectors produce heat with a working temperature range of 73°C to 160°C, and they provide the district heating network supply line with temperatures up to 120°C.

The solar heat produced in the park is sold to through a heat purchase agreement with the local district heating supplier Härnösand Energi och Miljö AB, HEMAB. The park's construction was carried out in two phases. The first phase was commissioned in summer 2021, marking the first large-scale example of solar heat in Swedish district heating in 20 years. The project is financed by Absolicon Solar Collector AB and the Swedish Energy Agency.

The solar concentrators are equipped with a silver mirror that concentrates light on a receiver pipe filled with pressurized water. The solar collectors follow the sun during the day and retain heat under a protective glass. They are also the first of their kind to be certified according to the Solar Keymark.

In addition, the solar park has been serving as a demonstration facility where people from all over the world can study the possibilities of concentrating solar heat.

[Case: Högslätten 2023 Solar Thermal Park | Absolicon Solar Collector on Vimeo](#)