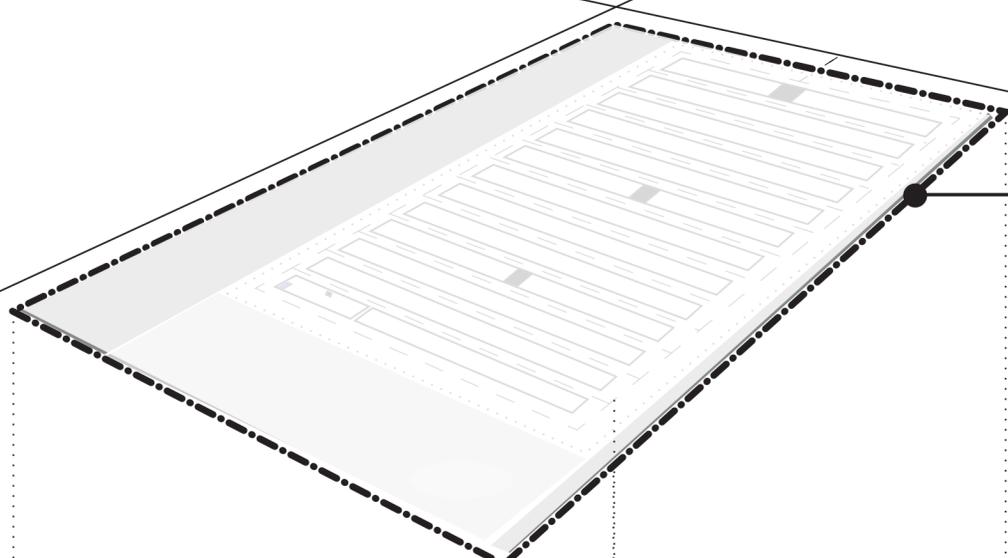


Terminology concerning solar parks on land

To facilitate clear communication



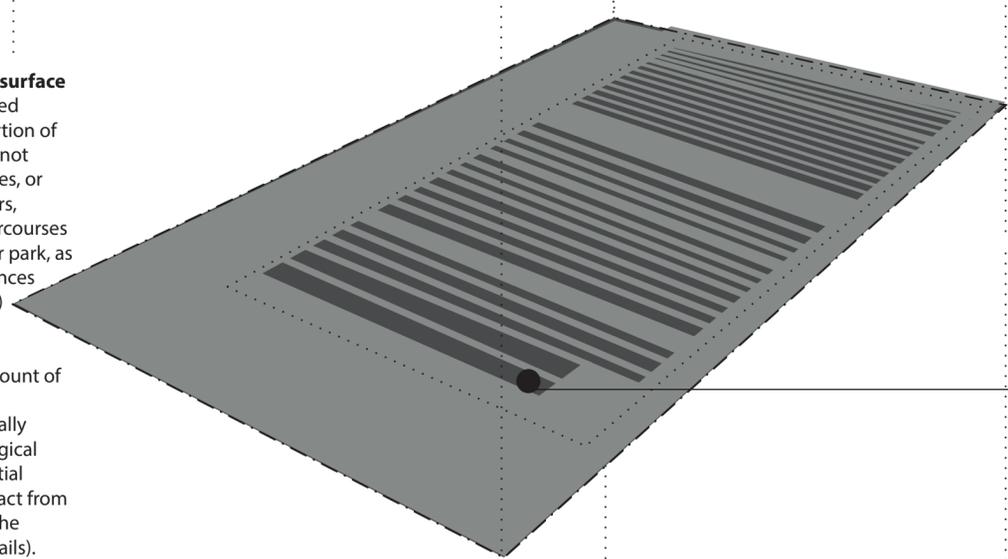
Solar field

The entire project area where measures concerning the PV arrays are taking place. Also characterized as solar park with nature and landscape elements, solar park, ground-mounted solar park, ground-mounted photovoltaic park, pv park, pv array or energy garden.

Percentage of uncovered surface

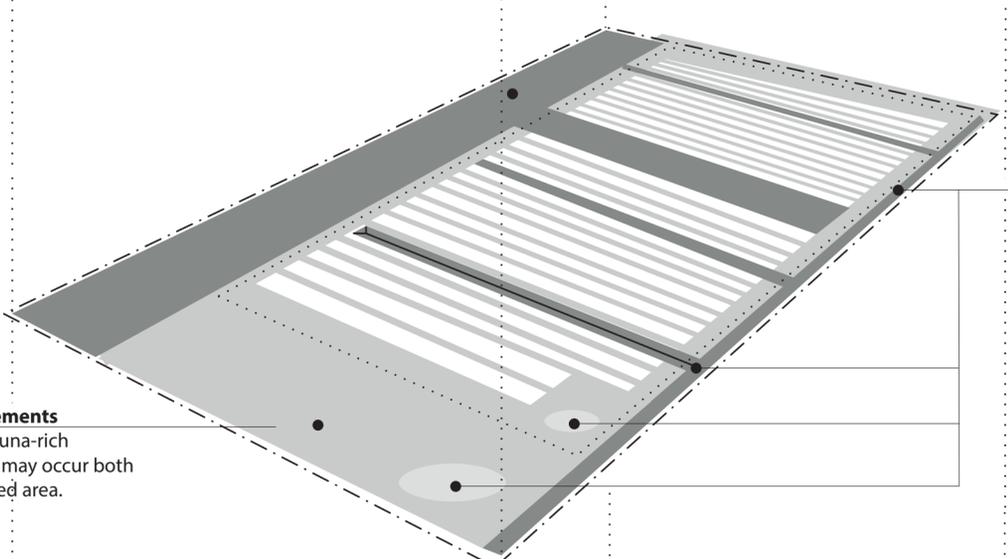
The percentage of uncovered surface refers to the proportion of the entire solar park that is not covered by panels, structures, or paving. This includes corners, edges, hedgerows, or watercourses within and around the solar park, as well as areas outside the fences (but still part of the project) where, for example, nature development takes place.

It is independent of the amount of light reaching the soil. The uncovered surface is generally intended to enhance ecological value and/or serve as a spatial buffer to reduce visual impact from the surrounding area (see the cross-section below for details).



Under the panels (covered surface)

The area beneath the solar panel tables. This zone contains the deepest shadows.



Nature and Landscape Elements

Such as hedgerows and thickets of native shrubs, and ditches with gently sloping, nature-managed banks. These elements may occur both inside and outside the fenced area.

Nature and Landscape Elements

Such as herbaceous- and fauna-rich grassland. These elements may occur both inside and outside the fenced area.

Docking station / substation

Collects electricity from an array of transformer stations and connects to the power grid.

Transformer station

Collects generated electricity from a series of PV panels.

PV array (with solar panels)

The construction carrying the solar panels. Also array.

Inverter

Collects direct current (DC) from a series of panels and transforms this into alternate current (AC).

Solar panel

Or PV panel. Various types of solar panels are used in solar parks.

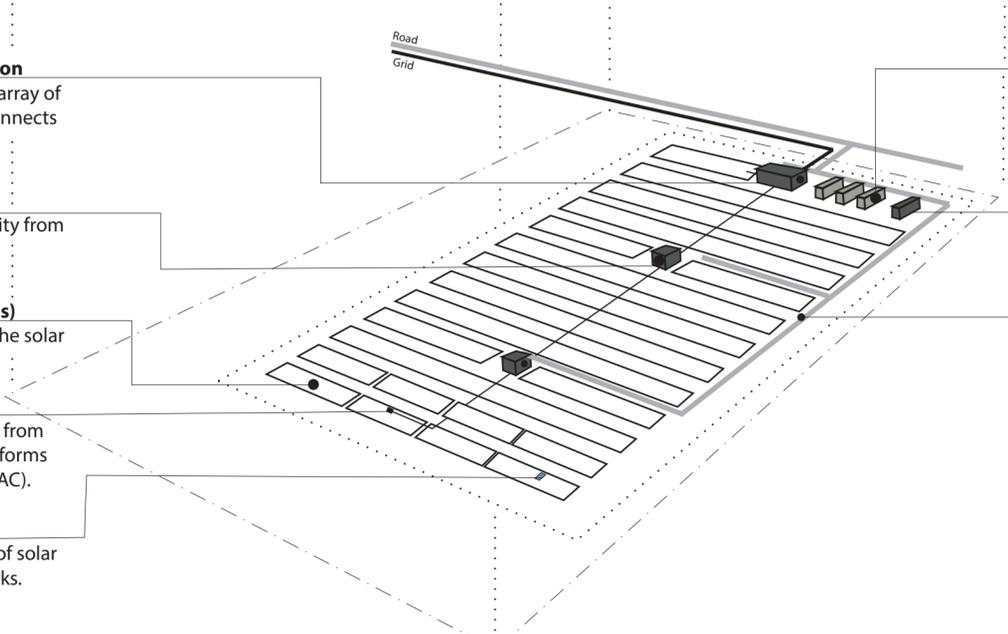
Optional battery / energy storage

Here electricity is stored temporarily, to prevent peak discharges in the power grid.

Container for monitoring and spare parts

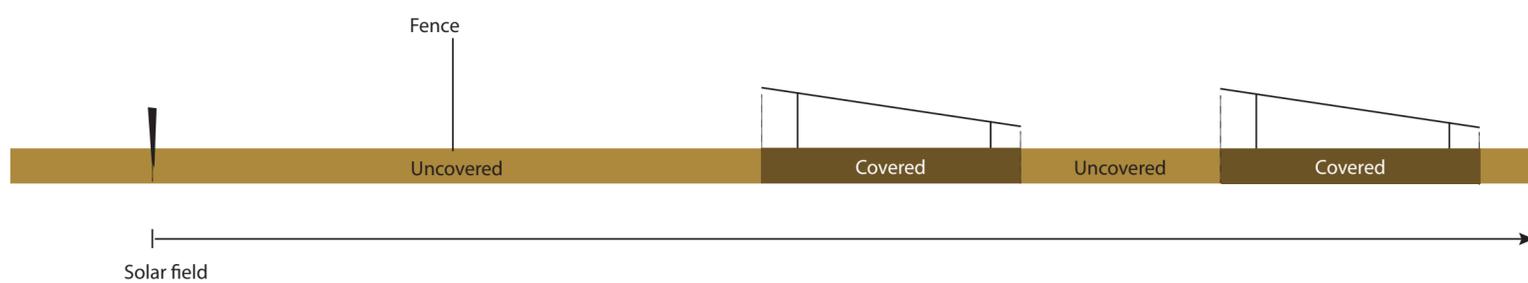
Service road

Track that provides access to the solar field for service, maintenance and also fire department. Often consisting of a rubble path or grass paving blocks.



Percentage of uncovered surface

The percentage of uncovered surface refers to the share of the entire solar field that is not covered by panels, structures, or paving. This includes irregular corners, as well as edges, hedgerows, or watercourses in and around the solar park, and areas outside the fencing (but still part of the project) where, for example, nature is developed. It is unrelated to the amount of sunlight reaching the soil. The uncovered area is typically intended to enhance ecological value and/or serve as a visual and spatial buffer for the surrounding environment.



Nature and Landscape Elements

The part of the solar field that is specifically designed with nature and landscape elements, such as herb-rich grassland, thickets, hedgerows of native shrubs, ditches with gently sloping banks, and/or sand mounds.

