

Benefits

Most Financeable and Easy to Permit

The Oasis power block's high efficiency panels deliver up to 50% more energy per acre compared with conventional PV power plants, minimizing project footprint and permitting risk. Pre-engineered power blocks built with the most proven components ensure the highest reliability and lowest risk to project investors.

Rapid Installation

The highly efficient and modular design allows for simple assembly without specialized equipment. Pre-manufactured tracker and electrical system ensure your plant is quickly constructed and on the grid, producing energy.

Highest Capacity Factor and Most Proven Energy Delivery

Built with the SunPower™ T0 Tracker, the SunPower Oasis power block delivers capacity factors up to 25% higher than conventional PV power plant systems. SunPower's experience in operating over 400MW of PV systems ensures that your power plant will generate predictable energy for the life of the project.

Bankability

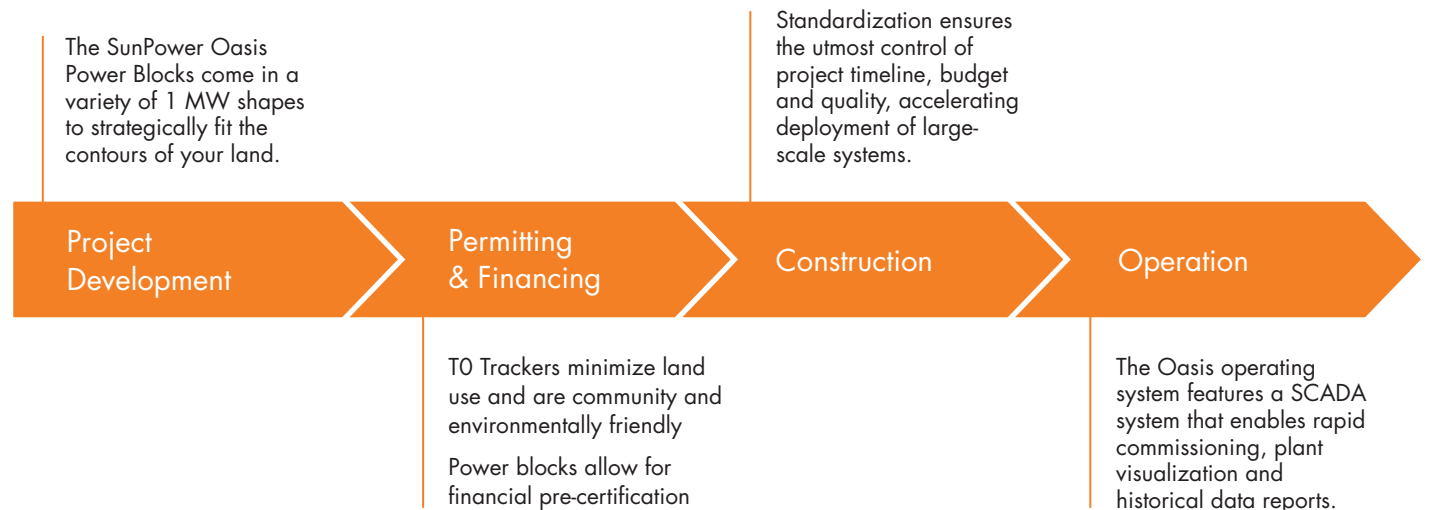
SunPower has been building and operating large-scale PV systems for over a decade with an unrivaled record of over-delivering on plant energy production. By being the easiest to permit, the fastest to build, and the most predictable to operate, total project lifecycle risk to investors is the lowest of any solar power plant technology.



The SunPower Oasis power plant is a fully-integrated solution built with cost-optimized power blocks to enable scalable deployment of clean, renewable energy. By creating a modular, pre-engineered solar power plant solution, SunPower has dramatically simplified solar for utilities.

The Oasis power block is designed to be both scalable and fast. The modular, low-impact 1MW AC power block allows you to not only speed installation, but also facilitate permitting and financing. And, SunPower controls every step, from tracker and panel manufacturing to grid connectivity, which means you can be sure that your SunPower Oasis power plant is quickly online delivering electricity and returns.

The Oasis Power Plant Simplifies the Development Process



SunPower Oasis Power Block Components

1. TO Tracker with 400 Panel

Pre-manufactured tracking structures enable maximum installation rate with factory levels of quality control. Proprietary tracking algorithms maximize plant capacity factor, while 400W panels ensure the fastest construction time and smallest project footprint.

2. Smart Inverter

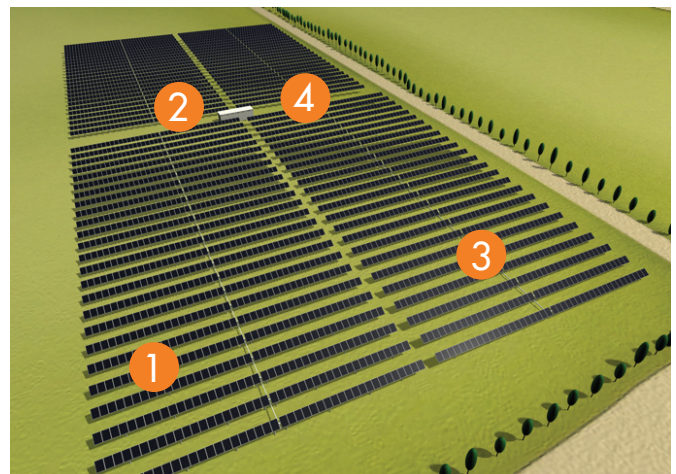
With advanced plant controls, the standardized Oasis inverter features voltage ride-through, curtailment control and dynamic power factor adjustment, enhancing grid interoperability for PV power plants.

3. Standard DC Electrical

Both the electrical and mechanical layout of the power block have been optimized to minimize field wiring, further driving down your balance of system costs. The pre-engineered and tested DC electrical system ensures the highest lifetime reliability.

4. Tracker Monitoring and Control System (TMAC™)

The TMAC advanced controls maximize energy production and anticipate and protect the array from storm conditions.



At the core of the SunPower Oasis Power Plant lies the modular power block, built for optimized performance, deployment and reliability.