

Major Components of Typical Solar Farms

As sunlight hits the solar panels, the photovoltaic energy is converted into direct current electricity (DC). The direct current flows from the panels through inverters and is converted into alternating current (AC). Finally, the electricity travels through transformers, and the voltage is boosted for delivery onto the distribution system.



Solar Panels & Tracker

.....▶
DC Current



Central Inverter

.....▼
AC Current



Interconnection

- Breaker/Recloser/Disconnect Switch
- Metering



MV Transformer

SCADA & Met Station

System performance and weather conditions are reported via the SCADA and local Met Station.

