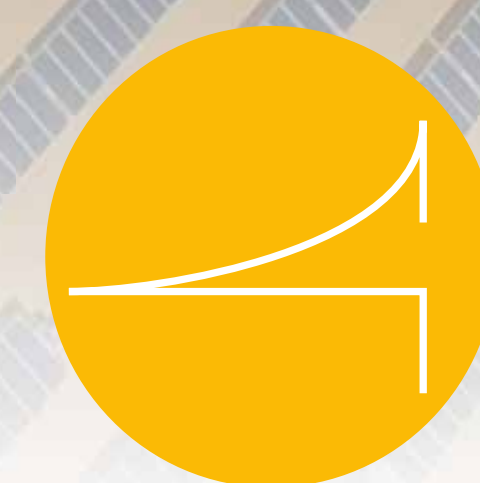


We check and design PV Tracker systems
for securing project investment
and cost optimization



sbpsonne

What are the benefits of our tracker review?

- A tracker review by sbp sonne avoids costly failures, delays and costs from redesign, repair and reconstruction.
- Incorporating sbp sonne' experience and expertise to review the structural integrity of a system will generate a safe structure and produce new optimization ideas.
- sbp sonne is an expert at analyzing complex structural systems and aerodynamics. We help you to improve technology reliability and reduce costs.
- Through checking of loads based on static pressures coefficients and dynamic response factors, key performance can be safeguarded under critical load conditions.

How we review your tracker



- Wind climate
- Wind tunnel test
- Specs
- Dynamic response factors
- Geotech report

- Statistical extreme wind analysis/wind climate study
- FEA model
- Hand calculations
- Plausibility checks

- Optional input: check structure on site/prototype
- Optional: Check assembly & erection methods

Selected References

We conducted review services for more than 10 GW of tracker projects worldwide.

Middle East

2020

Ideematec PV-Tracker (2200MW), Saudi Arabia
Review of the structural system of Ideematec 2P PV tracker for **Ideematec**

2019

Ibri NEXTracker (600MW), Oman
Review of the structural system of NEXTracker 1P PV tracker for **NEXTracker**

Sudair GameChange Tracker (2200MW), Saudi Arabia

Review of the structural system of GameChange 1P PV tracker for **GameChange**

2018

Mafraq Tracker (50MW), Jordan
Consulting ACWA Power to rebuild the Mafraq PV tracker solar field for **Acwa Power**

Asia-Pacific

2018

Mahindra Tracker, India
Review of the structural system of Mahindra 1P PV tracker for **Mahindra Susten**

Europe

2020

PVHardware Tracker for CHINT (48.5MW), Portugal
Review of the structural system of PV hardware 1P PV tracker for **PV Hardware**

2019

Talayuela Soltec Tracker (300MW), Spain
Review of the structural system of Soltec 2P PV tracker for **Soltec**

Ideematec Tracker Galloping, Germany
Review of the aeroelastic wind tunnel test results provided by Wacker engineers for **Ideematec**

Cabrera Soltec Tracker (200MW), Spain
Review of the structural system of Soltec 2P PV tracker for **Solar Century**

Africa

2018

Benban PVH Tracker (160MW), Egypt
Review of the structural system of PV Hardware 3L PV tracker for **Acwa Power**

