



SPM

Your partner for
photovoltaic open field projects



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SPM GmbH's vision is to build a sustainable, cost-efficient and future-proof energy supply based on renewable energy. After all, the energy transition and optimal use of renewable energy provide a fight chance for both the environment and our future.

SPM GmbH offers all services for photovoltaic open field projects, from individual consulting and design to construction site management and turn-key implementation or subsequent operational management.

Absolute reliability, flexibility and a consistently high quality level of our services are the focus of our work in order to achieve the best results for our customers.

Thanks to their extensive specialist knowledge and many years of international experience, our employees can guarantee the industry expertise required by our clients.

We offer you a customized and economical solution for every project without losing sight of our vision and the careful use of our resources.



Our services

For your photovoltaic ground mounted project SPM GmbH is available for planning, installation, service, repowering and BESS.



Planning



Our services include the comprehensive planning and design of photovoltaic projects – from the project and electrical planning to yield calculation. In doing so, we take all relevant aspects into account, such as transformer sizing and shading analysis.

- Project planning (e.g. with Helios 3D)
- Electrical planning
- Yield calculation
- Planning and design of the carrier system
- Transformer dimensioning and design
- Shading analysis
- Project logistics



Installation



We take care of all key services related to the implementation of photovoltaic systems – from precise surveying work to fence construction. Through professional project management, we ensure a smooth process and the highest execution quality.

- Surveying work (barrier, support system, cable route, transformer station, etc.)
- Carrier system installation
- Module installation
- DC installation
- AC installation
- Fence installation
- Cable route
- Site management and quality assurance
- Project management

All services can also be provided as individual work packages.



Service



With our extensive expertise, we take over maintenance, operation, and certification of PV systems. Regular inspections according to DIN standards and in-depth performance analyses ensure efficient and compliant plant operation.

- 20 kV Operating permit
- Maintenance and operation
- System certification
- Yield analysis
- Testing of electrical systems according to DIN VDE 0100-600 / IEC 60364-6
- Testing of electrical systems according to DIN EN IEC 62446 (VDE0126-23)

Repowering



You would like to retrofit your PV system?

We support you in the repowering process for more efficiency and performance!

Possible measures:

- New carrier system
- More powerful modules
- New inverters
- New DC/AC cabling
- New transformer station

Of course, all the usual services from our range are also included in the repowering process and customised to the customer's requirements.



Battery Energy Storage Systems (BESS)



The future of photovoltaics

In the photovoltaic industry, battery energy storage systems (BESS) play a crucial role in enabling a sustainable and efficient energy supply. They make it possible to store surplus solar energy and provide it exactly when it is needed – regardless of sunlight or time of day.

Why BESS?

- Maximum self-consumption rate
- Grid independence & supply security
- Grid stability & peak load management
- Sustainability & CO² reduction

We develop the following types of storage systems:

- Co-location hybrid
- Co-location
- Stand-alone



Your contact persons

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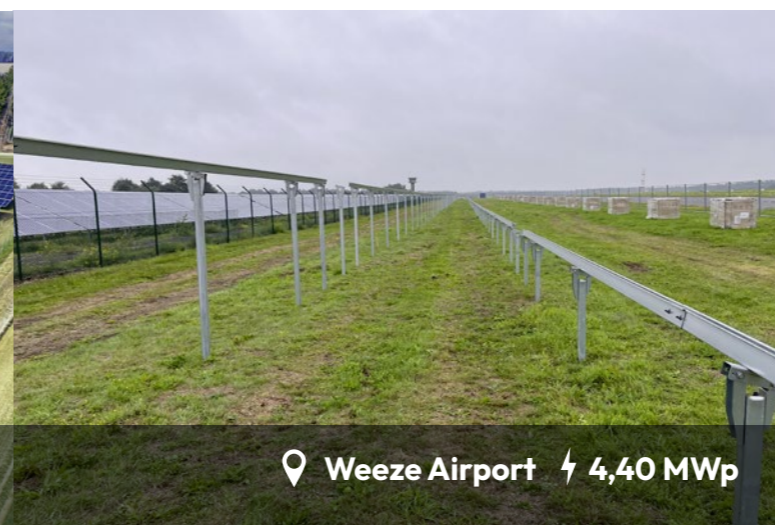
BESS



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Save contact



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