

Utility-Scale Solar Installation & EPC Support

Utility-Scale Photovoltaic Construction

Operational Partner for Large-Scale Solar Projects

Integrated Solar & Energy Storage Capabilities



Executive Summary

PHV.ENERGY provides installation and execution services for both utility-scale photovoltaic parks and Battery Energy Storage Systems (BESS), supporting the development of modern integrated renewable energy infrastructure.

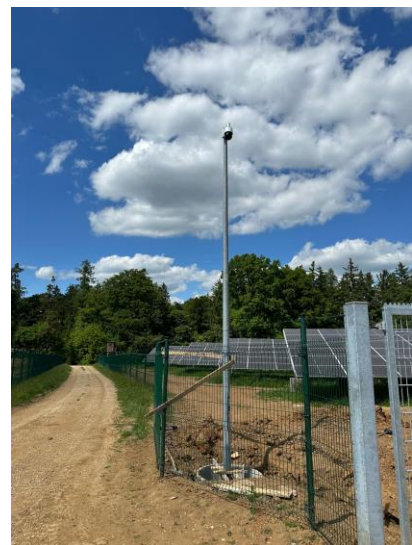
With experienced field teams and structured site coordination, the company contributes to the efficient delivery of projects combining solar generation and energy storage solutions.

This integrated approach allows developers and EPC contractors to implement more stable and flexible energy systems, improving grid stability and optimizing renewable energy utilization.



Operational Capacity

Total Installed Capacity	304 MW+
Modules Installed	553,000+
Installation Teams	6 Teams
Active Personnel	≈60 Technicians
Peak Installation Rate	15–20 MW / Month



Security and Perimeter Infrastructure

In addition to photovoltaic installation works, PHV.ENERGY also executes perimeter security infrastructure for solar parks, including perimeter fencing systems, access gates, and CCTV surveillance installations.

These solutions ensure controlled site access, asset protection, and full compliance with project security standards.

Construction Capabilities

- Photovoltaic module installation
- Mounting structure installation
- DC cabling
- Inverter station installation
- Site logistics and coordination
- Installation workflow supervision



Major Projects

Year	Project	Capacity (MW)
2021	Theilenhofen	6
2021	Stopfenheim	9
2022	Schrobenhausen 1	10
2022	Frestedt	26
2022	Pritzwalk Site for CWF	1,3
2022	Henschleben 2	10
2022	Kasacker	1
2022	Weissenburg RUD SUD	1
2022	Dorfen Unterschiltern	1
2022	Unterschiltern	4,3
2023	Reisbach	13
2023	Oberrossbach	22
2023	Kevenhull	4,2
2023	Schrobenhausen 2	13
2024	Unsleben	23
2024	Pondorf	2,7
2024	Westernhausen	4,3
2024	Seukendorf	11,6
2024	Oberburg	60
2025	Hupperath	17
2025	Schneebergerhof	33
2026	Gohlsdorf 2	19
2026	Bruck-Linthe	4,5
2026	Nagelsberg	2,5
2026	Biessenhofen	4,6
	Total	304

Site Organization

- Site coordination
- Logistics planning
- Safety procedures
- Installation workflow management
- Equipment and material management

Project Execution

PHV.ENERGY operates with structured installation teams and coordinated site logistics, ensuring efficient execution of large-scale photovoltaic projects.

Our workflow includes site preparation, mounting structure installation, module installation, electrical works and final system preparation for commissioning.

Through experienced supervisors and trained field teams, the company maintains high productivity while respecting strict safety and quality standards.

Battery Energy Storage Systems (BESS)

PHV.ENERGY is actively expanding its operations into Battery Energy Storage Systems (BESS), providing installation and on-site execution services for utility-scale energy storage projects.

With 2-3 specialized teams currently deployed, the company supports the installation of BESS containers, electrical infrastructure and site coordination activities.

Two BESS projects are currently approaching final completion, marking an important step in the company's capability to deliver both photovoltaic and energy storage infrastructure.





Quality & Safety Standards

PHV.ENERGY operates according to strict quality and safety procedures on all project sites.

Installation works are executed by trained personnel following established safety protocols, ensuring compliance with project requirements and industry standards.

Continuous supervision and structured workflows allow the company to maintain high installation quality and reliable project delivery.

Contact

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