TRUSTED SOLAR ADVISORS

PV Plant Check Q3

Operational Assets

PI Berlin offers a comprehensive technical due diligence package for the evaluation and risk assessment of operational PV plants for asset owners, investors and lenders. Our independent PV experts assess projects worldwide acting as a technical advisor on the long term quality and investment/financing risk level.

PI Berlin has developed evaluation criteria for the inspection of assets for transactions or re-financing based on our years of experience designing, testing and investigating PV plants. Our systematic approach emphasizes performance and quality (not only compliance), which is key to maximizing returns throughout the project life.

Key Features

Each step is specifically designed for fast and reliable feedback.

- Review of contractor and supplier warranties
- In-depth analysis of performance and monitoring data
- Assessment of O&M reports and performance
- On-site inspections and testing
- Energy yield assessments for remaining lifetime

Comprehensive Reporting

Our complete technical reports include clear summaries for executives and commerciel managers.

- PV plant rating of quality and risk level
- Costs and benefits for plant optimization
- Expected annual yields and uncertainties
- Actionable punch lists

Development	Q1	Construction	Q2		Q3
Documentation Review, Design and Yield Optimazition	Financial Close	On-site Testing and Inspections Quality Assurance	Provisional Acceptance	Operation	Final Acceptance

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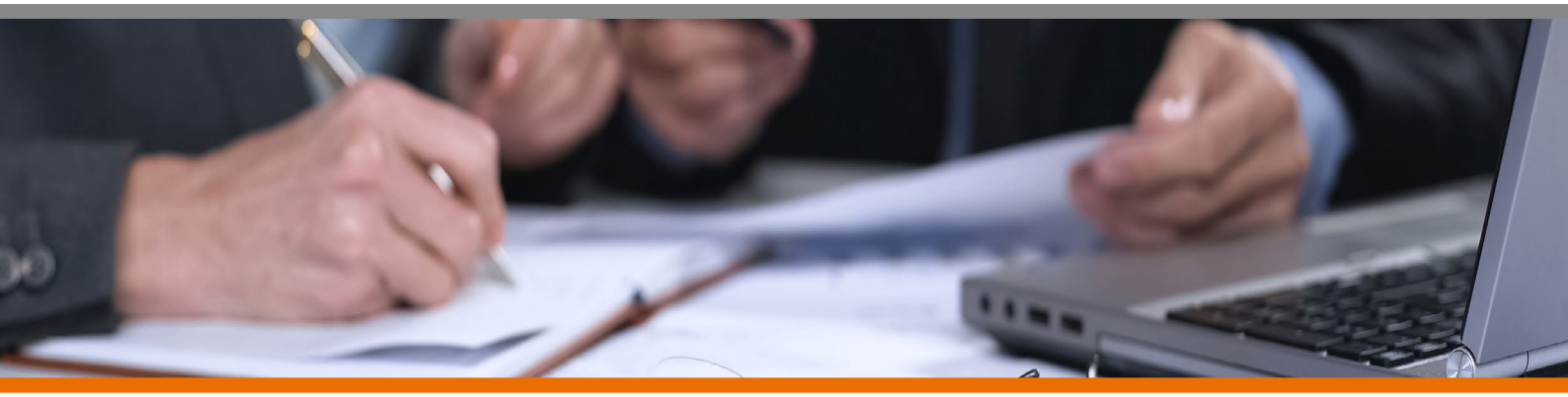


We Are on Your Side

Our PV Plant Check approach will protect your long term interest.

- Review of O&M activities and spare part management
- Assessing PV plant and equipment lifetime
- Inspecting the quality of the electro-mechanical installation
- Checking compliance with contracts, permits and safety regulations
- Verify the performance to date compared to expectated yields

We want to help you make the investment decision best for you.

Case Study

Situation: An investor is considering the acquisition of a PV plant where backsheet chalking has been identified.

Investigation: PI Berlin conducts a full assessment of the issue including factory, lab and on-site inspections.

Result: The chalking affects only 50 % of the modules and the risk of backsheet failure is low.

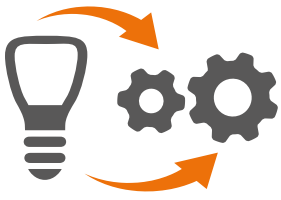
Outcome: The investor acquires the asset at a reduced price.

Rating System

Quality Score	Performance Risk	Interpretation
10	None	No identified deficiencies; performance expectations likely to be met.
8.5 to 10	Very low	Minor deficiencies present; very low risk that performance expectations will not be met.
7 to 8.5	Low	Moderate deficiencies present; low risk that performance expectations will not be met.
5 to 7	Moderate	Large number of small deficiencies or small number of significant deficiencies; moderate risk that performance expectations will not be met.
< 5	High	Large number of significant deficiencies. High risk that performance expectations will not be met.

Why Choose PI Berlin?

Projects on all Continents



Experience in desert, tropical and temperate climates

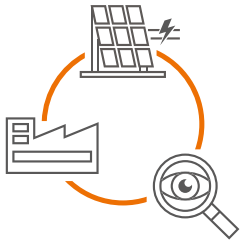
Offices in Key Locations

Presence in USA, Europe, and Asia

All Major Components

Quality assurance of modules, inverters, trackers and batteries

Factory, Lab and Field



More than 150 satisfied clients including developers, investors, and EPCs.

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