

TECHNICAL PRE- AND POST-LOSS SUPPORT FOR PHOTOVOLTAIC PLANTS

Allianz Center for Technology (AZT)

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SUPPORT THROUGH ALL PROJECT PHASES WITH CUSTOMISED SERVICE

Photovoltaic (PV) power plants are complex systems with a large number of technical components. Their reliability and interaction over decades at exposed locations is key to safe and economic operation and successful investments. However, our experience shows that many PV plants do not operate profitably or

do not achieve maximum yields – e.g. due to planning, installation or operational errors. AZT provides world wide support with a high level of expertise throughout all phases of PV projects, in order to prevent damage and avoid yield loss, thus exploiting the full potential of PV power plants.



Project Phase



CORE AZT SERVICES

- Consulting and Assessment regarding Quality requirements and criteria
- Review of plant concepts
- Investigation of complex losses on modules & electrical components
- Partner in Research & Development

IN COOPERATION WITH TRUSTED PARTNERS

- Project Planning
- Reports, Studies, Consulting
- Operation & Maintenance Supervision
- Field Measurements & Analysis (EL, IV, IR)
- Lab Measurement (EL, IV, IR)

YOUR BENEFITS

- ✓ Independent, focused consultings
- ✓ Reduction of erection, operational and long-term Risks
- ✓ Greater investment security due to quality assurance
- ✓ Higher return due to optimised system technology
- ✓ Enhancement of insurability and bankability



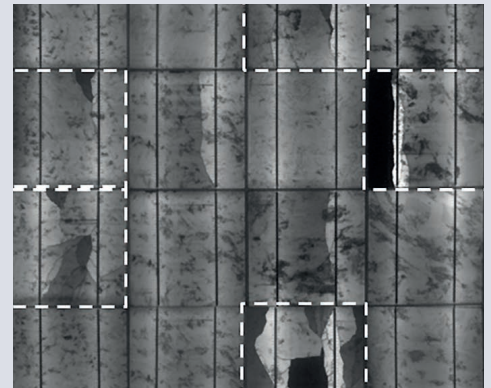
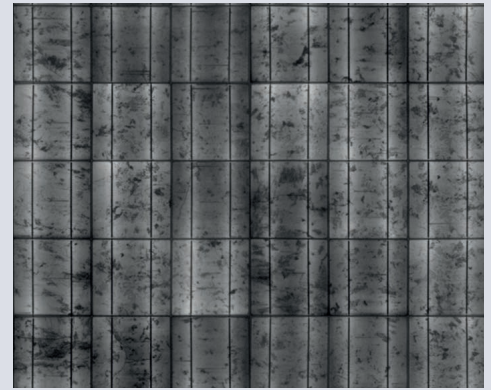
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Electroluminescence photo of a photovoltaic module

