

SOLAR POWER

SAFE, RELIABLE & VIABLE



BUREAU
VERITAS

SAFETY, QUALITY AND PERFORMANCE THROUGHOUT THE LIFECYCLE

Bureau Veritas supports the accelerated deployment of solar sites with dedicated solutions for owners, solar project developers, EPCs, investors and lenders.

Safety, quality and performance are paramount when developing and operating solar power installations: PV modules, inverters, tracking systems and balance of plant. Bureau Veritas is with you every

step of the way throughout the asset lifecycle to ensure projects run safely and efficiently.

Our experts act as your eyes and ears on the ground during asset origination, project development and project deployment. With Bureau Veritas, you have the certainty that your projects comply with regulations and industry standards.

OWNER'S ENGINEERING • TECHNICAL ADVISORY • INSPECTION & CERTIFICATION



DESIGN & DEVELOPMENT

Reduce development risk & secure viability

- Feasibility studies
- Energy yield & site assessment
- PV module & BOS component testing
- Design review
- Approval in principle (for floaters)
- Permitting support
- Risk assessment studies
- Environmental & Social impact assessment
- Grid connection assessment
- Due diligence
- Investor / lender services
- Cybersecurity assessment studies



PROCUREMENT

Ensure the reliability of your global supply chain

- Supplier factory audit
- Tendering support
- Shop inspections (QA/QC)
- Expediting
- Factory acceptance tests
- Pre-shipment PV module testing
- Packaging, transport, loading & unloading supervision
- Supplier factory and bankability audits
- Cybersecurity tender support



CONSTRUCTION

Run projects safely and to schedule

- Project & construction management support
- Construction supervision
- On site QA/QC
- On site HSE
- Commissioning and test run supervision
- Take-over / hand-over inspection
- Cybersecurity review & testing



ASSET OPERATION

Ensure availability & shorten outage time

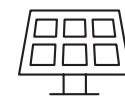
- Periodic inspections
- End-of-warranty inspection
- Occupational health & safety
- Process health & safety
- Environmental monitoring
- Failure & damage analysis
- Cybersecurity awareness & training



CONDITION ASSESSMENT & MONITORING

Understand the state of your asset

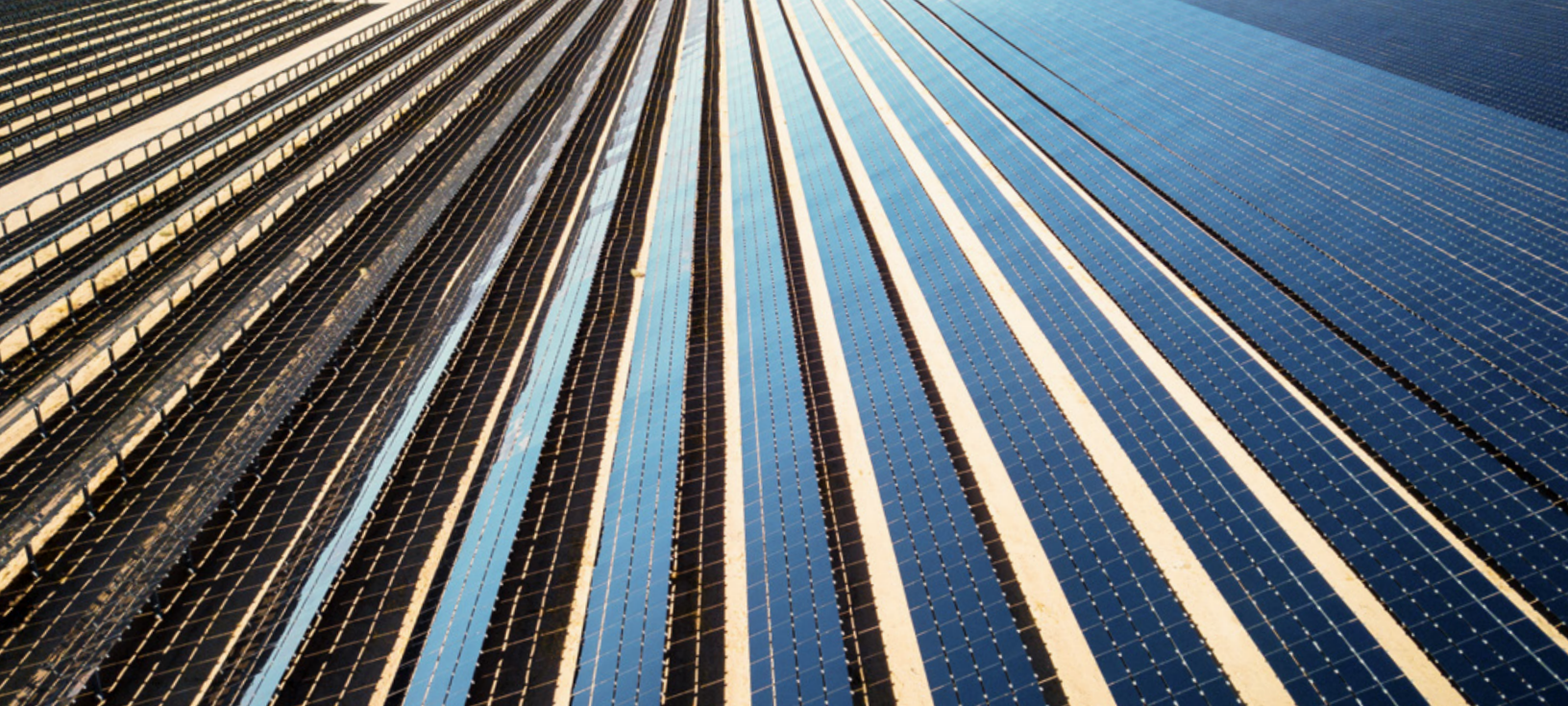
- Performance assessment
- Performance testing
- O&M track record review
- EL imaging (micro-crack check)
- Thermographic inspection
- Drone inspections
- Transformer assessment and oil condition monitoring
- Foundation and support structure assessment
- Cybersecurity assessment



ASSET MANAGEMENT

Extend operating life & increase performance

- Lender's technical advisory and due diligence support for M&A
- Performance optimization
- Reliability assessment
- O&M strategy review
- Inspection & maintenance strategy advisory
- Cybersecurity strategy advisory
- Remaining life assessment & lifetime extension advisory
- End of life liabilities assessment
- Decommissioning supervision
- Waste management & recycling supervision
- Cybersecurity testing and certification



OWNER'S ENGINEERING SHAPING TRUST IN PROJECT DEPLOYMENT

Our owner's engineering services ensure you're supported throughout site selection, design, development, procurement and construction of your power plant project. You can trust that your new asset is built to required standards and to industry best-practice standards.

TECHNICAL ADVISORY SERVICES GLOBAL EXPERTISE DELIVERED LOCALLY

Renewables experts in our global network of Technical Centers help you navigate the complexity of technical, permitting and regulatory requirements at every step. These global experts relevant to the supply chain and life cycle of your asset provide the most comprehensive services for your local projects wherever they are.

SHAPING A WORLD OF TRUST

Bureau Veritas is a Business to Business to Society company, contributing to transforming the world we live in. A world leader in testing, inspection and certification, we help clients across all industries address challenges in quality, health & safety, environmental protection and social responsibility.

POWER FOR TODAY AND TOMORROW

Your partner in the energy transition, Bureau Veritas helps society to meet today's energy needs and transition to a low-carbon future.



**BUREAU
VERITAS**

Shaping a World of Trust

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