

40+
YEARS

OF INDUSTRY EXPERIENCE
& LEARNING

100+
PROJECTS

IMPLEMENTED IN
THE LAST DECADE

END-TO-END ENERGY SOLUTIONS, BUILT TO PERFORM

Solar PV | Hybrid Power Solutions | Battery Energy Storage (BESS)
Captive & Open Access Solutions | EPC & PPA |
DG-Grid-Solar Synchronization | O&M and Asset Management
Containerized Energy Solutions

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www.solonindia.com

SOLON delivers integrated energy solutions backed by deep engineering expertise and proven execution.

From system design and construction to commissioning and long-term operations, we enable reliable, high-performance energy systems across applications and geographies.

Delivering innovative, reliable solar solutions tailored to every client.



SKILLED
PROFESSIONALS

100+



LOCAL
PARTNERS IN

20+

COUNTRIES



SOLAR PV POWER
PROJECTS

~300
MW_p



BATTERY ENERGY
STORAGE SYSTEM (BESS)

100+
MWh



Proven performance across diverse energy projects and geographies.
Delivering scalable solutions with long-term reliability and impact.



Our Solutions



Rooftop & Canopy Solar Solutions

Utilize unused rooftop and parking spaces to generate clean power for self-consumption, reducing grid dependence and energy costs.



Ground-Mounted Solar PV Systems

Generate large-scale solar power on available land to offset grid electricity and secure long-term cost stability.



Battery Energy Storage Systems (BESS)

Store excess solar energy and use it during peak or high-load hours to reduce grid power and diesel generator expenses.



Hybrid Power Solutions

Ensure uninterrupted power by intelligently combining solar, grid, and diesel sources while minimizing fuel consumption and costs.



Network Synchronization

Seamlessly manage multiple power sources to maintain stable, reliable electricity for smooth plant operations.



Diesel Abatement Solutions

Reduce reliance on diesel generators by maximizing solar usage, lowering fuel costs and emissions.



Containerized Solar & Hybrid Systems

Deploy fast, plug-and-play power solutions for remote or temporary sites with minimal installation time.



Captive & Open Access Solar Solutions

Access solar power at predictable, lower tariffs to reduce long-term energy costs without heavy upfront investment.



Operation and Maintenance

Maximize system performance and uptime through proactive monitoring and lifecycle maintenance.

Our Services

Site survey and feasibility assessment

End-to-end turnkey solution right from site feasibility study to commercial operation.

Liasioning, Approvals & Regulatory Compliances

Secures necessary permits and clearances.

Project design and engineering

Development of custom design and technical specifications

Procurement of PV modules, inverters and materials

Sourcing quality solar equipment.

Installation and Construction

Installation and Construction ensure safe, efficient solar system setup.

Testing, commissioning and grid integration

System inspection, performance and connection to grid.

Operation & Maintenance

Asset Management, Preventive Maintenance, Performance Management Ensures ongoing monitoring, maintenance, and optimal performance of the system.

UNGM

Powering Global Development Through Renewable Energy

SOLOON India is an established turnkey project provider to the United Nations Global Marketplace (UNGM) program globally, delivering reliable solar and hybrid energy solutions for international development and humanitarian operations.

Why SOLOON

UNGM Level 2 Registered Supplier and active UN Global Compact (UNGC) member

Dedicated in-house UNGM team with years of active UN project experience

MoUs with 20+ in-country partners for installation, O&M, and joint market development

Dedicated In-House Research & Development Team – Solar BESS Containerised systems

Active UN project contracts across multiple regions

Large-scale projects executed and ongoing across Asia and Africa

Multi-year Long Term Agreements with several UN procurement agencies

End-to-end solar EPC expertise: engineering, supply, logistics, installation, training & O&M

Accredited products available on UNOPs Web Buy Plus



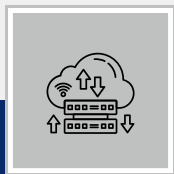
Partner with SOLOON to accelerate the transition to clean, dependable, and future-ready energy solutions.

UNOPS – Long Term Agreement (LTA)

Delivering Sustainable, Rapid-Deploy Infrastructure

UNOPS (The United Nations Office for Project Services) is the UN's specialist agency for designing, procuring, and delivering mission-critical projects worldwide. Its focus on transparency, quality, & climate-resilient infrastructure makes it an ideal platform for scalable solar deployment.

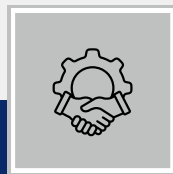
SOLON INDIA'S CONTAINERIZED TURNKEY SOLUTIONS



Fully engineered, plug-and-play hybrid solar systems for fast, repeatable deployment



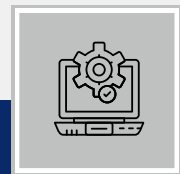
Containerized design ensures effortless transport, ultra-rapid installation and minimal maintenance



Supported by a partner network across 20+ countries in Africa & Asia



Remote monitoring, 10-year warranty on critical components and 25-year warranty on PV modules



Delivered with a complete installation guide and spare-parts kit



ULTRA Series 5,10,15 kWp

- 20ft fully integrated containerized hybrid solar power supply.
- Deployed/Dismantled in < 2 hours
- Small/Medium Humanitarian Aid, Relief Zone situations,
- Applications: Lighting, Water supply, ITC, Security

RAPID Series 30,50,100 kWp

- 20ft/40ft pre-installed hybrid power pack with fully containerized and/or ground-mounted hybrid solar power supply.
- Deployed/Dismantled in 4-8 hours
- Humanitarian Aid, Conflict, Disaster Relief Zone situations
- Applications: Hospitals, Schools, Emergency Relief Centres.

Selected Solar & Energy Storage Projects



**IPP, East Africa,
72 MWp**



**Property Developer,
Mauritius, 13 MWp**



**RE Developer,
Tamil Nadu, 22 MWp**



**Cement Manufacturer,
Andhra Pradesh, 6 MWp**



**C & I, Tamil Nadu,
11.97 MWp**



**RE Developer,
Sri Lanka, 12.50 MWp**



**IPP, East Africa,
31.14 MWh BESS**



**C & I, Telangana,
2.50 MWp Single Axis Tracker**



**Automobile Parts Manufacturer,
Tamil Nadu, 16 MW**



**IPP, East Africa,
72 MWp**



**EPC, Kenya,
61.38 KWp**



**Health Care & Educational
Institutions, Timor-Leste,
446.9 KWp**

SOLON has delivered solar photovoltaic and battery energy storage systems across multiple regions, supporting utilities, commercial facilities, and critical infrastructure. The projects shown here highlight a selection of our installations in Africa and Asia, demonstrating our capability to design and implement reliable renewable energy systems ranging from distributed installations to utility-scale solar parks.

ANDHRA PRADESH

Advancing Industrial Decarbonisation
Through Utility-Scale Solar Integration.



Solon India Private Limited designed, supplied, installed, and commissioned a 6.022 MWp DC / 6 MW AC grid-connected solar PV power plant within the premises of Andhra Cement Limited in Andhra Pradesh. The complete execution cycle—from work order through design, manufacturing, installation, regulatory approvals, performance certification, and grid injection—was completed within 120 days. The plant incorporates 10,276 bifacial PV modules, two 3.125 MW central inverters, and a 6 MVA transformer stepping the output up to 6.6 kV for integration with the facility's electrical network.

Integrated within an energy-intensive cement manufacturing facility, the project combines utility-scale solar generation with comprehensive SCADA, string-level performance monitoring, weather instrumentation, earthing, and safety systems. The installation reduces dependence on conventional power while demonstrating Solon India Private Limited's capability to deliver technically demanding industrial solar projects within accelerated timelines, supporting greater energy security, operational sustainability, and industrial decarbonisation.



KENYA

Strengthening Justice and Public Governance Infrastructure with Sustainable Energy Solutions.



Under a contract with the United Nations Office on Drugs and Crime, Solon India Private Limited delivered turnkey EPC services for solar PV and battery energy storage systems at Makadara Law Court, Moyale GK Prison, and the Ethics and Anti-Corruption Commission Office in Isiolo. The project implemented in collaboration with our local partner Mazard Engineering Co. Ltd., the multi-site programme was completed within a very short timeframe as mandated by UNODC despite dispersed locations, security requirements, and restricted installation windows.

The project improved access to reliable and cleaner energy for institutions supporting Kenya's justice and public governance systems. It also demonstrated Solon India Private Limited's ability to coordinate technically demanding, time-sensitive projects through a delivery model that combines international engineering capability with strong local execution.



TIMOR-LESTE

Advancing Education and
Healthcare Resilience Through
Solar Power in Timor-Leste



Through its participation in the UNDP Pacific Green Transformation Project in Timor-Leste, Solon India Private Limited designed, supplied, installed, and commissioned solar power systems for ITC facilities in 15 schools and for the electrification of two health centres across Ainaro, Manatuto, and Manufahi Municipalities. The work was implemented in collaboration with a local partner, and the completed systems were handed over to the relevant ministries.

The local partner continues to provide monitoring and maintenance under the supervision of Solon India Private Limited. The project demonstrates the company's ability to coordinate solar hybrid installations across remote and challenging locations while supporting education, healthcare resilience, productivity, and Timor-Leste's transition towards low-carbon, climate-resilient development.



Certifications and Awards



Powering Sustainable Growth for People That Move the World.

Great
Place
To
Work®

Certified

APR 2025-APR 2026

USA

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Telangana, India



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