

LEADING RENEWABLE EPC PARTNER

DPSS ENGINEERING SERVICES LLP

EMPOWERING FUTURE ENERGY

A premier renewable energy infrastructure contractor specializing in Utility-Scale Solar EPC, Battery Energy Storage Systems (BESS), Substation Works, and High-Voltage Civil & Electrical Engineering.

Solar EPC Solutions

400+ MW BESS Installed

3+ GW Solar Experience

Civil & Substation Infrastructure

Pan India Execution



DPSS ENGINEERING SERVICES LLP

COMPANY OVERVIEW

1. Executive Overview

DPSS Engineering Services LLP is a trusted renewable energy contractor specializing in Utility Scale Solar EPC, Battery Energy Storage Systems (BESS), and comprehensive civil and electrical infrastructure. With a steadfast commitment to quality, safety, and timely delivery, we power India's transition to green energy, executing complex projects with our highly skilled workforce and in-house fleet of modern equipment.

2. Corporate Snapshot

80+

PROJECTS DELIVERED

3+ GW

SOLAR EXPERIENCE

400+ MW

BESS INSTALLED

200+

SKILLED WORKFORCE

10+

IN-HOUSE FLEET UNITS

PAN India

OPERATIONAL FOOTPRINT



3. Strategic Differentiators

Utility Scale & BESS Expertise

- Proven capabilities in handling gigawatt-scale solar parks.
- Advanced integration for high-capacity BESS projects.
- Turnkey execution from site grading to grid synchronization.

Self-Reliant Execution Fleet

- In-house heavy earthmovers, hydra cranes, and DG sets.
- Dedicated cable pullers & precision crimping equipment.
- Reduced mobilization time and enhanced project velocity.

Substation & High Voltage Focus

- Capabilities up to 220 KV / 132 KV / 66 KV substations.
- Delivered over 15+ high-voltage switchyard & substation projects.
- Full compliance with CEA standards and grid safety rules.

Quality & Safety Commitment

- ISO 9001, 45001, 27001, and 37301 certified management systems.
- Zero Harm safety culture with rigorous PTW & PPE protocols.
- End-to-end quality assurance and pre-commissioning testing.

4. Specialized Engineering Services

Solar EPC Capabilities

- Comprehensive AC Works & Transformer connections
- Complete DC Works, stringing, & module interconnections
- Grid & Equipment Earthing networks
- I-V Curve testing, megger testing & polarity checks
- Final plant testing & grid synchronization

BESS (Battery Energy Storage)

- Battery Container un-stacking & site installation
- Power Conversion System (PCS) integration
- AC/DC power & signal cabling
- Earthing grids & thermal management hookups
- Commissioning support for utility-scale systems

Civil Infrastructure

- Equipment & inverter structure foundations
- Main Control Room (MCR) building construction
- Internal access & heavy approach roads
- Plant surface drainage & water management
- Extensive RCC cable trenching & ducting

Substation & Switchyard (up to 220 KV)

- Heavy equipment erection (Transformers, CBs, CT/PT)
- Bus bar erection & high-bay gantry structural setup
- Control & relay panel wiring and interconnections
- Earthing mat installation & lightning protection
- Complete switchyard pre-commissioning testing

5. AC & DC Electrical Works Detail

CATEGORY	SCOPE OF ENGINEERING & INSTALLATION SERVICES
AC Electrical Works	High Tension (HT) & Low Tension (LT) Cable Laying, Precision Cable Termination, Transformer Connectivity, Busduct Routing, Continuity & Insulation Resistance Testing.
DC Electrical Works	Module-to-String Cabling, String Combiner Box (SCB) Installation, Underground Trench Routing, System Earthing, Polarity & Open Circuit Voltage Checks.
High Voltage Testing	Hi-Pot Testing, VLF Cable Testing, Relay Testing, CT/PT Ratio & Burden Analysis, Transformer Oil Breakdown Voltage (BDV) Testing.

6. In-House Machinery & Fleet

Having our own fleet enables us to maintain complete operational control, eliminating rental delays and ensuring rapid project execution across India.

EQUIPMENT TYPE	OPERATIONAL CAPABILITY & APPLICATION
JCB & Earthmovers	Civil foundations, trenching, levelling, and site development.
Hydra Cranes	Heavy equipment positioning, structural erection, and container placement.
Diesel Generators (DG Sets)	Uninterrupted temporary site power for remote installation phases.
Mechanized Cable Pullers	Safe, high-tension HT/LT cable laying over long distances.
Hydraulic Crimping Tools	Precision, high-tonnage lug crimping for zero-defect electrical joints.
Project Support Fleet	Logistics vehicles dedicated to manpower and swift material handling.

7. Supply Material Portfolio

CATEGORY	SUPPLY ITEMS
Cabling & Conduits	HT & LT Cables, Solar DC Cables, HDPE Conduit Pipes, Cable Trays & Steel (Hot-dip & GI).
Electrical Accessories	Cable Glands, Heavy Lugs, MC4 Connectors, HT/LT Termination & Jointing Kits (Indoor/Outdoor).
Earthing & Protection	Copper & GI Earthing Electrodes, Chemical Earthing Compound, Lightning Arresters (LA), Strip & Wire.
Civil & Structural Materials	RCC Pre-cast Chambers, Hume Pipes, Structure Fasteners, Industrial Safety Enclosures.
Lighting & Safety	High-bay Flood Lights, Solar Street Lights, EHS Compliance Gear, Safety Barriers & Signage.

8. Corporate Milestone Timeline

YEAR	ACHIEVEMENT MILESTONE
2017	Company Establishment & Foundation in Renewable Works
2020	Crossed 100 MW+ Solar Executed Landmark
2022	Scaled Portfolio to 250 MW+ Across Multiple States
2024	Surpassed 500 MW+ Solar EPC Execution Milestone
2026	Expanded Major Operations into BESS (400+ MW) and Substation Infra



9. Industry Experience & Trusted Partners

We take pride in partnering with India's most respected energy developers and EPC leaders:

Juniper Green Energy	ReNew	CleanMax Solar
Tata Power Solar	Sterling & Wilson	ACME Solar
Avaada Energy	Mahindra Susten	Aditya Birla Renewables

10. Integrated Management Systems & Certifications

CERTIFICATION	SCOPE / FOCUS AREA
ISO 9001 Certified	Quality Management System for EPC Execution & Infrastructure Delivery
ISO 45001 Certified	Occupational Health & Safety Management System (Zero Harm Target)
ISO 27001 Certified	Information Security Management System for Project Assets & Data
ISO 37301 Certified	Compliance Management Systems & Governance Practices
MSME Enterprise Registered	Registered Government Enterprise with Full Statutory Compliance

11. Pan-India Operational Footprint

Our project execution capabilities extend across India, with active and completed project footprints in: **Punjab, Tamil Nadu, Rajasthan, Gujarat, Maharashtra, Karnataka, Uttar Pradesh, Uttarakhand, Andhra Pradesh, and Bihar.**

Contact Us & Corporate Office

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