

Integrated EPC & Grid-Infrastructure Solutions

WIND TURBINE USS

SOLAR-HYBRID

BESS

SVG

HARMONIC FILTERS

SWITCHYARDS

O&M

Engineering renewable power for Developers, IPPs and EPCs
from kW to utility-scale MW

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Harness the sun, power
your life with sustainable
energy for all

VSE Solar Pvt. Ltd. is an EPC and grid-infrastructure company headquartered in Ajmer, Rajasthan. We design, build, integrate, commission and maintain renewable power systems for India's leading developers, Independent Power Producers (IPPs) and EPC. Our work spans solar AC/DC electrical systems, solar-hybrid power plants, battery energy storage (BESS), reactive-power compensation through Static VAR Generators (SVG), harmonic filtering, high-voltage switchyards and wind turbine electrical works.

As a focused B2B partner, we operate across the full project value chain. Clients engage us for complete turnkey EPC delivery, for specialist grid-integration packages, and for long-term operations and maintenance. Our engineering team carries deep field experience in switchyard construction, substation interconnection and the precise commissioning disciplines that utility-scale plants demand.

Whether a project is a few hundred kilowatts or hundreds of megawatts, our approach is the same: standards-driven engineering, disciplined procurement, safe execution and dependable after-sales support — delivered by a team that has commissioned plants across five Indian states.

AT A GLANCE

Registered office

Ajmer, Rajasthan, India

GSTIN

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Core business

Integrated renewable
EPC & grid infrastructure

Segments served

Developers · IPPs
· EPC (B2B)

Delivery scale

kW to utility-scale MW

Operating states

· Rajasthan · Gujarat · Punjab
· Karnataka · Andhra Pradesh
· Maharashtra · Chhattisgarh

VSE Solar is driven by a hands-on leadership team that brings together field engineering expertise, project planning capability, procurement strength, and financial discipline. Built by its promoters from a grassroots EPC foundation into an integrated renewable EPC company, VSE Solar continues to maintain direct leadership involvement in project execution, delivery quality, and long-term client relationships.

Supporting the leadership is a multidisciplinary team of planning, design, procurement and commissioning engineers — including dedicated switchyard and grid-integration specialists — backed by trained site supervisors and O&M technicians.

A WORD FROM OUR LEADERSHIP

From EPC roots to integrated renewable EPC — we built VSE Solar on field-proven engineering, honest execution and a single promise: deliver it right, every time.

LEADERSHIP TEAM

RV OLAN

Chief Executive Officer (CEO)

Strategy, growth & client partnerships

BR Khokhar

Chief Financial Officer (CFO)

Finance, controls & commercials

Raghuveer Dheru

Chief Operating Officer (COO)

Project execution & site operations

Prakash Ram Dheru

CPMO (Chief Project Management Officer)

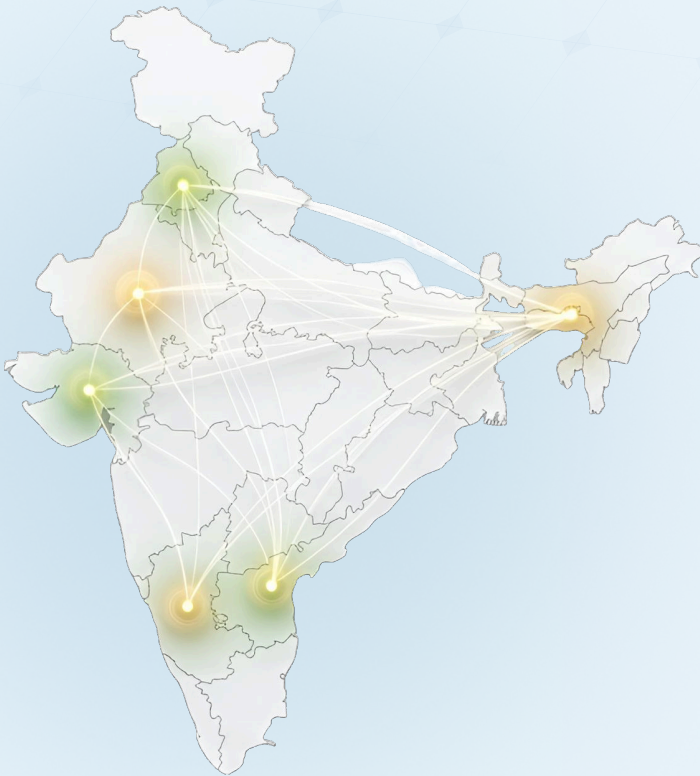
Sourcing, vendors & supply chain

Trust. Deliver. Lead.



Our Vision

To be India's most trusted integrated EPC partner for renewable and hybrid power known for grid-quality engineering, on-time delivery and lifecycle reliability.



Our Mission

- Deliver complete, standards-compliant EPC for solar, hybrid, BESS and grid-integration projects of every scale.
- Bring specialist switchyard, SVG and harmonic-filter capability to plants that need clean, stable, grid-code-compliant power.
- Protect client investments through structured O&M and rapid, expert field support.
- Operate safely, transparently and sustainably across every site we touch.



Who We Serve

Our B2B Segments

VSE Solar is a business-to-business partner. We do not compete with our clients; we enable them.. Our engagements fall into three core segments:

Segment	How we partner	Typical engagement
Developers	End-to-end EPC for plants they own and operate; balance-of-system, grid integration and commissioning.	Turnkey EPC + O&M
IPPs (Independent Power Producers)	Reliable, grid-code-compliant power evacuation, reactive-power compensation and storage integration.	EPC + grid Integration packages
EPC	Specialist sub-contract scope: switchyards, SVG, harmonic filters, HT cabling and electrical works	Specialist packages / sub-EPC

Across all three, our value is the same: a single, accountable partner who can take a project from concept to energised asset and keep it running.



Our core strength is integration. Modern renewable plants are no longer just panels and inverters — they are hybrid systems that must store energy, manage reactive power, suppress harmonics and connect cleanly to the grid. VSE Solar engineers and delivers all of these elements as one coordinated solution.

Solar & Solar-Hybrid Power Plants

- Complete AC and DC electrical works for ground-mount and utility-scale solar plants.
- Solar-hybrid configurations combining PV with storage and other generation for firm, dispatchable output.
- Module-to-grid balance-of-system design, supply, installation and commissioning.



Battery Energy Storage Systems (BESS)

- Integration of BESS for firming, peak-shifting, time-shifting and grid support.
- Power conversion, control integration and protection coordination with the plant and grid.
- Hybrid solar-plus-storage solutions that improve plant availability and revenue.

Static VAR Generator (SVG) Reactive Power Compensation

- Specialist SVG supply, installation, commissioning and lifecycle service, a core VSE competency.
- Dynamic reactive-power support to meet grid-code voltage and power-factor requirements.
- Experience across multiple OEM platforms and HV ratings, with detailed cable sizing and compatibility engineering.



Harmonic Filters

- Design and installation of harmonic filtering to keep power quality within grid limits.
- Mitigation of distortion from inverters and power electronics for clean, compliant evacuation.



Switchyards, Substations & Grid Interconnection

- Switchyards and pooling substations engineered and built by an experienced switchyard team.
- Complete grid interconnection from plant to point of evacuation, including testing and commissioning.

Because all of these scopes sit under one roof, interfaces are engineered together rather than stitched across multiple vendors, reducing risk, rework and commissioning delays.



EPC at Every Stage

Lifecycle Delivery

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We support a project at every stage of its life, and clients can engage us for the full lifecycle or any single stage.

01

Engineering & Design

Detailed electrical design, load and cable sizing, SVG/harmonic studies, switchyard layout, grid-code compliance.

02

Procurement

Disciplined sourcing of cables, switchgear, SVG, transformers and BOS; vendor management and quality control.

03

Construction & Installation

Safe, standards-driven site execution, civil-electrical interface, cabling, equipment erection.

04

Testing & Commissioning

Pre-commissioning checks, protection testing, energisation and grid synchronisation.

05

Operations & Maintenance

Preventive and corrective O&M, performance monitoring and rapid field support.



Scale of Delivery

kW to Utility-Scale MW

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VSE Solar engineers projects across the full size spectrum. The same engineering rigour applies whether a system is a few hundred kilowatts or a multi-hundred-megawatt utility plant; only the scale of resources changes.

kW-scale

distributed and captive installations where quality and reliability matter most.

MW-scale

large ground-mount plants with full balance-of-system and grid integration.

Utility-scale

hundreds of MW, with pooling substations, switchyards, SVG and harmonic compensation built for grid-code compliance.

Operations & Maintenance (O&M)

Commissioning is the beginning, not the end. Our O&M services protect plant performance, availability and the long-term return on a client's investment.

- Preventive and scheduled maintenance for electrical systems, SVG, switchyards and BESS.
- Corrective maintenance and breakdown response with experienced field engineers.
- Performance monitoring, reporting and continuous-improvement recommendations.
- Lifecycle service for SVG and grid-integration equipment across OEM platforms.



Proven Track Record

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As of FY 2024–25, VSE Solar has delivered a substantial portfolio of renewable and grid-infrastructure works:

1GW +

Turnkey EPC

100 MVAR

Harmonic Filter Services

3.2 GVAR

SVG Integration

300 MW

WTG / USS Work

100 MW

Turnkey Switchyard Solution Package
(PSS + GSS + SVG + Harmonic Filter)

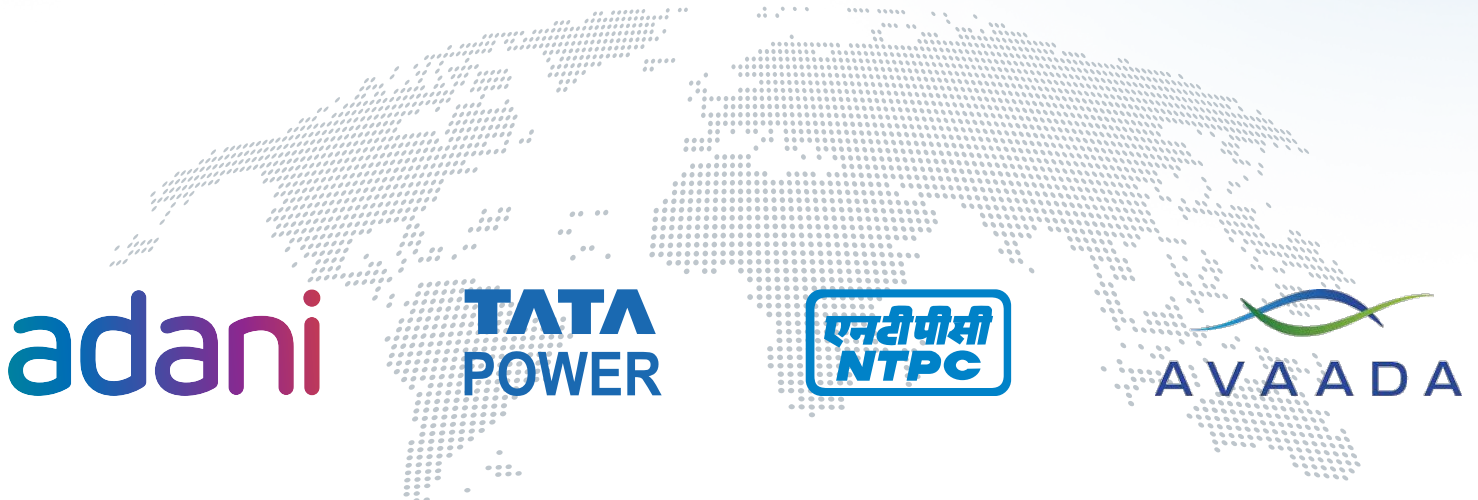


This track record reflects repeat execution for India's largest renewable players and a depth of grid-integration experience that is rare among regional EPC firms.

Marquee Clients

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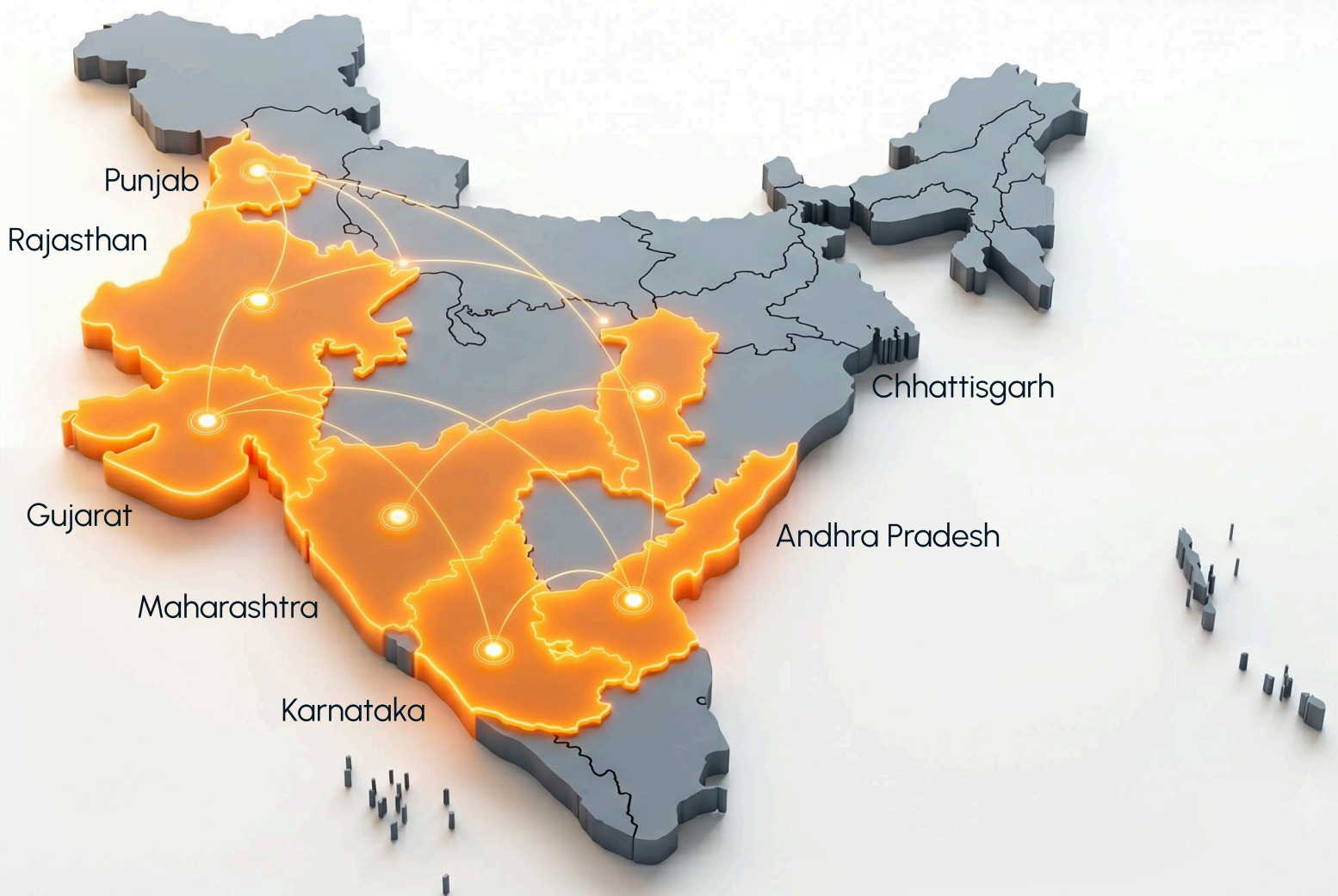
Our clients are India's most respected renewable energy developers, Independent Power Producers and EPC. These are organizations that demand engineering precision, on-time delivery and long-term accountability and they return to VSE Solar, project after project because we deliver exactly that. From utility-scale solar and hybrid plants to complex grid-integration packages, we have earned the trust of industry leaders by treating every project as our own.



Geographic Footprint

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From our base in Ajmer, Rajasthan, we execute projects across India's key renewable corridors. Our active operating states include:



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"From first cable to final commissioning — our presence, our precision and our accountability have made VSE Solar the partner India's top renewable developers rely on."

We are not just another EPC. We are an integrated engineering partner built for developers, IPPs and EPC who demand more demand more.

Integrated under one roof

Solar, hybrid, BESS, SVG, harmonic filters and switchyards engineered together, with fewer interfaces, less risk, zero finger-pointing.

Grid-integration specialists

Deep SVG, harmonic and switchyard expertise that ensures clean, grid-code-compliant power evacuation on every project.

Integrated under one roof

Field-proven capability in substations, HT/EHV cabling and grid interconnection - rare expertise among regional EPC firms.

kW to utility-scale

One partner across every project size from captive installations to hundreds of megawatts with consistent engineering quality throughout.

Lifecycle reliability

Structured O&M and lifecycle service that protects long-term plant performance, availability and return on investment.

Trusted by leaders

Repeat delivery for Adani Green Energy, Mahindra Susten, Hero Future Energies and Apraava Energy - India's top developers.



Let's Work Together

From initial scoping to full EPC delivery, our team is ready to discuss how we can support your next project.

VSE Solar Pvt. Ltd.

Connect With Us



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