

POWERING TRANSFORMATION

Delivering reliable power that
lights homes & drives real progress



Vedanta Power is among India's leading private power producers, delivering reliable and affordable power that lights homes and industries, transforms lives and drives nation's progress. With a multi-state footprint and long-term offtake commitments, we strengthen India's energy security through grid stability and operational excellence.

4,780 MW
installed capacity

4 thermal power assets nationwide

- Punjab • Chhattisgarh
- Andhra Pradesh • Odisha

5000+ Employed

Rising Demand. Rapid Momentum.

India's energy security rests on reliable baseload power enabling renewable integration.

India is the 3rd largest producer and consumer of electricity globally, reflecting the scale of its growth ambitions. Thermal power remains critical for base-load stability and grid reliability. Thermal capacity requirement by FY34-35 is estimated at approximately 307 GW, and the Government of India's Ministry of Power plans to add 97 GW of thermal capacity by FY34-35 to meet the projected demand.



Powering Progress

Anchored in performance and responsibility,
powering people, communities, and nation-building.

MISSION

To deliver round-the-clock and affordable power through operational excellence, tech-driven solutions and capacity building, driven by a shared purpose.

VISION

Leading energy security with reliable power, for a future that inspires inclusive and sustainable growth.



“ India’s next phase of economic growth will be defined by affordable, reliable power. If we ensure dependable and cost-effective electricity for homes, factories, AI-driven industries, data centres and manufacturing, India can become a future-ready economy. ”

~ Anil Agarwal, Chairman, Vedanta Group

OUR POWER PORTFOLIO

Talwandi Sabo Power Ltd.
1980 MW
Mansa District, Punjab
Super-Critical Plant

Vedanta Limited Chhattisgarh Thermal Power Plant
1200 MW
Sakti District, Chhattisgarh
Sub-Critical Plant

Vedanta Jharsuguda IPP
600 MW
Jharsuguda District, Odisha
Sub-Critical Plant

Meenakshi Energy Ltd.
1000 MW
Nellore District, Andhra Pradesh
Sub-Critical Plant

Portfolio: Four grid-relevant assets, delivering dependable power across key demand corridors, through execution excellence

Punjab

Talwandi Sabo Power Limited (TSPL) | 1,980 MW (3 units x 660 MW) Super-Critical Plant

North India's largest private thermal asset, built for uninterrupted, large-scale operations.

Supplies 100% power to Punjab State Power Corporation Limited (PSPCL), supporting ~35% of Punjab's power needs.



Odisha

Jharsuguda Thermal Power Plant | 600 MW (1 unit x 600 MW) Sub-Critical Plant

A premier, efficient power station delivering reliable power to the state grid.

Long term power supply with state owned Grid Corporation of Odisha Ltd. (GRIDCO).



Chhattisgarh

Vedanta Ltd. Chhattisgarh Thermal Power Plant (VLCTPP) | 1,200 MW (2 units x 600 MW) Sub-Critical Plant

Transforming a stalled asset into a high-capacity plant, reclaiming critical national capacity.

Strategically located with strong infrastructure, fuel proximity, and expansion-ready land for cost-efficient growth.

Providing reliable electricity to Tamil Nadu Power Development Corp. Ltd. (TNPDC).



Andhra Pradesh

Meenakshi Energy Limited (MEL) | 1,000 MW (2 units x 350 MW & 2 units x 150 MW) Sub-Critical Plant

A rapid turnaround, anchored in speed, scale, and execution strength.

Revived within two years of acquisition and brought to stable, full-capacity operations.

Supplying reliable electricity to Tamil Nadu Power Development Corp. Ltd. (TNPDC).



Scaling from Regional Growth to National Presence



Growth built through acquisitions-to-execution capabilities.

In less than a decade, Vedanta Power has scaled from a regional presence to a multi-state power business with 4,780 MW of installed capacity, built through disciplined acquisitions and operational integration.

FY12 — 600 MW

Entry into power generation with Jharsuguda IPP (600 MW) in Odisha, establishing the foundation of baseload capacity.



FY17 — 2,580 MW

Powered by Talwandi Sabo Power Plant (1,980 MW) in North India, delivering large-scale baseload power across regions.



H1 FY26 — 4,180 MW

Expansion through acquisition and stabilisation of Meenakshi Energy (1,000 MW) and initial capacity at VLCTPP (600 MW).



Operational Excellence

Circular Fuel Strategy

Enabled Punjab's largest torrefied bio-pellets manufacturing unit with 2 x 500 TPD capacity, turning stubble into biofuel and driving large-scale biomass co-firing at TSPL.

Water Stewardship

MEL uses 100% saline water, protecting freshwater resources. Advancing wastewater treatment and zero liquid discharge practices across all plants.

Repurpose Waste-to-value

Fly ash fully utilized, turning waste into cement, bricks, and roads.

Nurturing Nature

Driving biodiversity and large-scale plantations, with 85% forest cover growth at Mansa in Punjab.



5% biomass
co-firing at TSPL

100% saline
water at MEL

2 units of 500 TPD
bio-pellet ecosystem enabled

Powering Communities

3,00,000+ lives transformed through community initiatives since 2020

Flagship Social Impact Initiatives



Project Navi Disha

Building farmers' capacities for sustainable agriculture and long-term livelihoods.

Project SEHAT

Improving community health outcomes through preventive healthcare, medical outreach and awareness programmes in underserved localities.



Project TARA

Empowering rural women with skills, vocational training, and microcredit access for sustained income.

Gram Nirmaan

Advancing village development with infrastructure support, sanitation, water access, and community resilience tailored to local needs.



People Powering the Megawatts

Building a culture where people power performance.

At Vedanta Power, dependable operations begin with a safe, supported and engaged workforce. We are committed to creating a diverse and inclusive workplace that prioritises well-being, reinforces safety at every level, and fosters purpose-driven engagement across our teams.

Transforming the Workplace



Safety-first Culture



Integrated across operations with Zero Fatalities and Zero Health Incidents, focusing on uncompromised prevention and compliance.

Capability development and fast-track growth opportunities offered.

Always-on well-being support, including 24x7 mental health counselling.



Women representation of 29% across sector & 26% in senior leadership; Young workforce of over 50%.



V-Shakti: The symbol of Vedanta Power's strength and spirit to powering transformation.

When people feel protected, supported and equipped with the right opportunities, power becomes more dependable, driving disciplined growth, operational resilience and long-term value creation.