

VALUE CREATION MODEL

INPUTS

Manufactured Capital

- Renewable Energy Capacity: **1,423.25 MW**
- Thermal Capacity: **1,320 MW**
- Transmission Lines: **494 km**
- Dry cleaning of solar PV panels
- Investment in low-carbon business (₹ million): **3,165**

Intellectual Capital

- Investment in digital interventions (₹ million): **261**
- Providing advanced metering solutions
- Strengthening cybersecurity
- Integration of various IT applications

Natural Capital

- Water Consumption: **16,110,860 kL**
- Quantity of Biomass Used: **215,165.35 MT**
- Number of Trees Planted: **63,274**
- Total Waste Recycled: **1,297.03 MT**
- Natural Capital Action Plan (NCAP)
- Decarbonisation of Business

Human Capital

- Number of Employees: **597**
- Employee Training Coverage: **100%**
- Training Hours per Employee: **70.21**
- Women in Workforce: **15%**
- Learning Sessions: **681 Training Days**
- Investment in Employee Well-being (₹ million): **109**

Social & Relationship Capital

- Investment in CSR (₹ million): **201.7***
- Employee Volunteering Hours: **4,260 hours**
- Projects in Aspirational Districts: **2**
- Local Sourcing (non-fuel only): **92.75%**

*Please note that this includes Unspent funds transferred towards ongoing projects and the administrative overheads as allowable under CSR rules.

Financial Capital

- Capital Commitment (₹ million): **28,141**
- Paid-up Share Capital (₹ million): **28,427**
- Net Debt (₹ million): **51,783**
- Net Worth (₹ million): **93,451**

BUSINESS PHILOSOPHY



Our Purpose

Empowering lives sustainably for a happy planet



Our Vision

To partner in India's energy transition by being the most trusted, inclusive, and integrated energy solutions provider



Our Mission

To provide reliable and affordable energy solutions to the nation with a focus on innovation and sustainability



Our Values

- Operational Excellence
- Sustainability Through Responsibility
- Respect For All
- Result Orientation



Our Business Commitment

Long term value creation through low-carbon investments



Our Business Portfolio

- Solar Energy Assets
- Wind Energy Assets
- Thermal Power Asset
- Power Transmission Lines
- Advanced Metering Infrastructure (AMI)



Decarbonisation Strategy

To achieve a 46.3% reduction in Scope 1 and Scope 2 intensity (tCO₂e/MWh) by 2027, using 2022 as the baseline year.

OUTPUTS

Manufactured Capital

- Net Generation – Thermal: **7,600.26 GWh**
- Net Generation – Renewable: **2,665.87 GWh**
- Transmission System Availability – **100% (STPL)**, **99.87% (KMTL)**
- Smart Meters Installed: **1,160,485**

Intellectual Capital

- Embedding risk management and structured Project Management Governance Systems (PMGS) to ensure seamless execution of large-scale renewable projects
- Transitioning from fragmented systems to a unified ONE operating platform, integrating AI, and enhancing real-time decision-making
- Enabling data-driven decisions through integrated dashboards
- Staying ahead of cybersecurity threats by strengthening resilience through advanced defences and awareness initiatives

Natural Capital

- Elimination of Single-Use Plastics at all operational sites and corporate offices
- Zero Waste to Landfill certification for JPL
- TNFD aligned disclosure
- Specific Water Consumption: **1.57 kL/MWh**
- Fly Ash Utilisation: **100%**
- GHG Intensity: **0.63**
- Water Saved from Dry Cleaning of Solar Panels: **16,011 kL**
- Avoided Emissions from Biomass Co-firing: **289.42 ktCO₂e**

Human Capital

- Great Place to Work Certification
- Employee Engagement Score: **82%**
- Attrition Rate: **13.40%**
- TRIR – Employees: **0**
- TRIR – Workers: **1.31**

Social & Relationship Capital

- Lives Impacted Through CSR: **513,704**
- Trees Planted: **63,274**
- Villages Impacted: **560**

Financial Capital

- EBITDA (₹ million): **19,008**
- Profit After Tax (₹ million): **2,555**
- Return on Capital Employed (%): **7.84**
- Revenue (₹ million): **71,641**

OUTCOMES



Ensuring utmost safety and striving for operational excellence across all assets



Building customised user applications and system-wide tech integration



Reduction in carbon, water, and waste intensity across operations



Employee satisfaction leading to higher productivity, stronger retention, and better talent attraction



Boosting community engagement through targeted, need-based initiatives



Championing cost flexibility, productivity, and long-term profitability

STRATEGIC FOCUS AREAS



Advancing from water-intensive operations to low-water-use systems



Expanding the clean energy solutions portfolio



Incorporating climate-related risks in business and procurement strategies



Building a workforce skilled in future technologies and evolving roles



Fostering resilient and empowered communities for a happier planet



Aligning investments with national low-carbon development goals