

More Power *through collaboration*

Our **suppliers** and **partners** ecosystem is integral to our value creation process.

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More Power *is social empowerment*

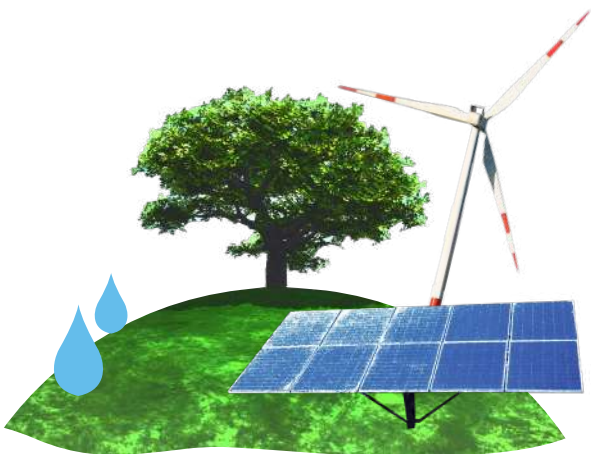
We derive our social licence to operate from the **communities** around our operational value-chain.

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More Power *to people*

The continuous commitment, contribution and knowledge of our **employees** help in delivering sustained value to our customers, investors and all other stakeholders.

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More Power *through better stewardship*

We progressively strive to leave behind a greener footprint, and are aligned to being a greener and more **environmentally** sustainable organisation.

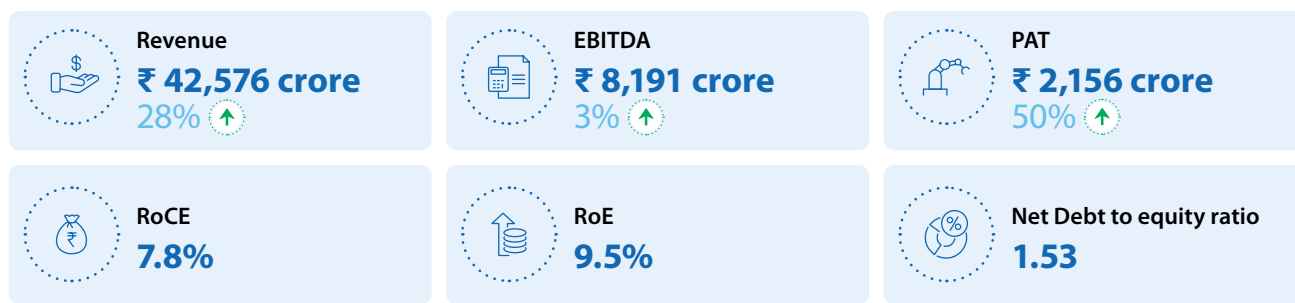
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Tata Power in FY22

A high-powered year

Financial

Delivered returns, upgraded ratings and progressing well on deleveraging.



Credit rating upgrades

Ba2 (Stable) from Ba3 (Stable) by Moody's

BB Rating (Stable) from B+ Rating (Positive) by S&P Global

Strategic partnership

with BlackRock Real Assets along with Mubadala Investment Company for investing ₹ 4,000 crore in our **Green business**

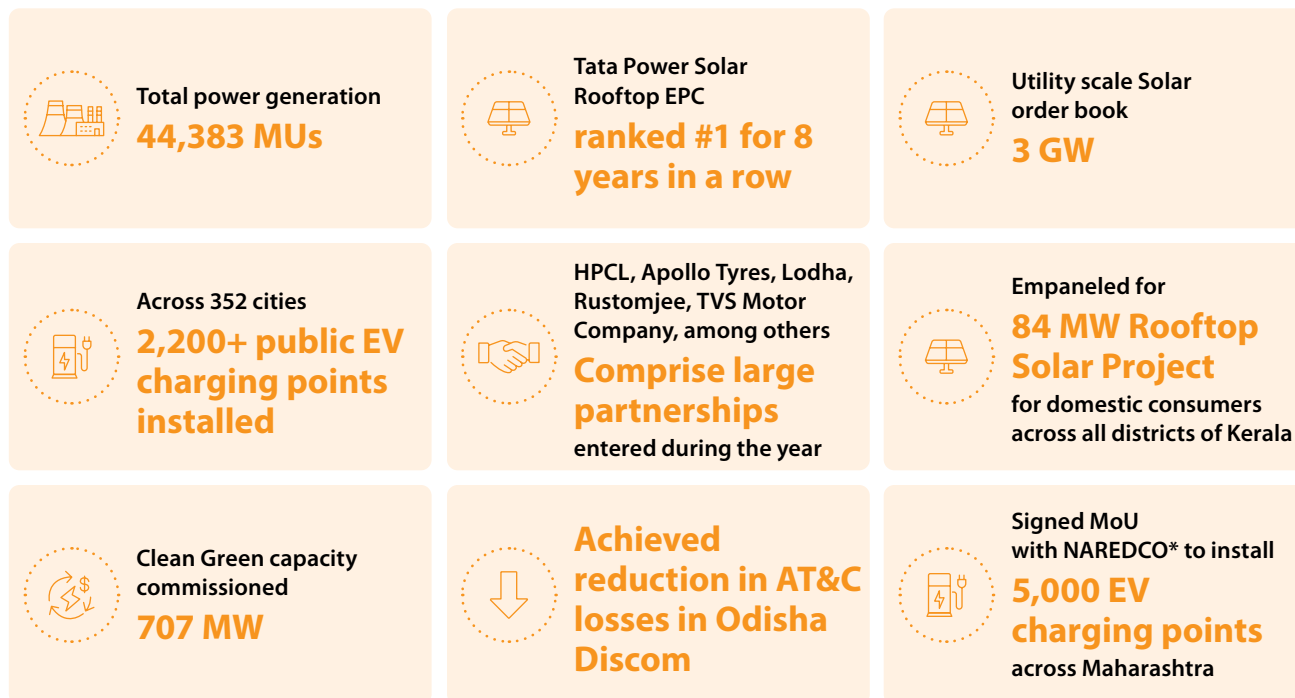
New acquisitions

Completed acquisition of NRSS XXXVI Transmission Limited (NRSS)

LOI received for acquisition of South- East UP Power Transmission Company Limited

Operational

Solar portfolio shines, new partnerships for EV and increasing customer base.

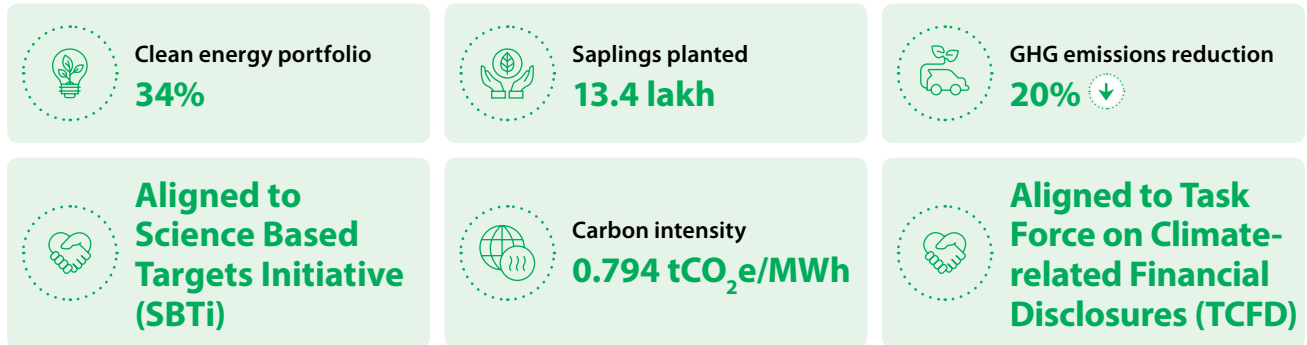


*National Real Estate Development Council

ESG

Demonstrated progress and leadership across all ESG parameters.

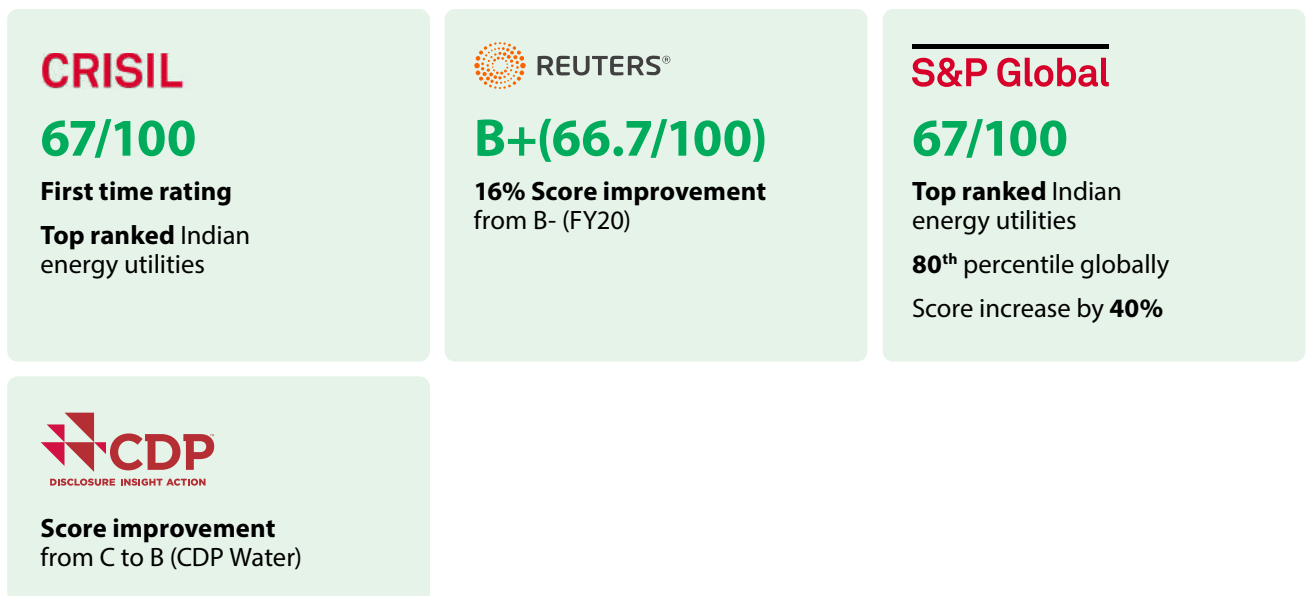
Environment



Social



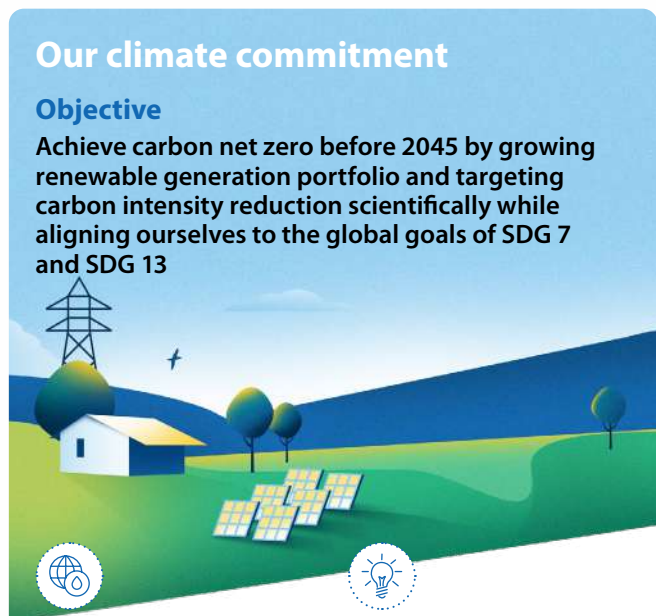
Governance



Decarbonisation: Roadmap and Progress

Solid progress on decarbonisation goals

Being an integrated power company, we take cognisance of the role we can play in the global movement to mitigate climate change. We have taken proactive steps towards climate action, and have identified a robust decarbonisation roadmap and targets for making our overall portfolio greener.



Our climate commitment

Objective

Achieve carbon net zero before 2045 by growing renewable generation portfolio and targeting carbon intensity reduction scientifically while aligning ourselves to the global goals of SDG 7 and SDG 13

Decarbonisation

- Zero coal-based growth
- Thermal phase-out upon completion of contractual obligations
- Thermal operation at benchmark efficiency
- Afforestation
- SBTi alignment



Renewable growth

- Renewable utility scale growth
- Rooftop solar
- Solar pumps
- Microgrids

Innovation

- Distributed generation
- Storage solutions
- Home automation
- Smart grids
- Carbon mitigation
- EV charging Infrastructure



Stakeholders

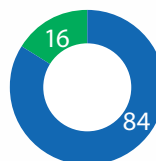
- Demand-side management
- KYEC
- Club Enerji
- Be Green
- Low carbon lifestyle guide
- Responsible sourcing
- Green power supply
- TCFD alignment

Leading utility transition to clean energy

Evolving generation mix

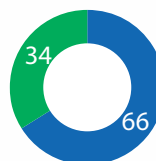
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2015



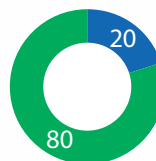
Largely coal-based capacity expansion to meet the growing energy demand in India

2022



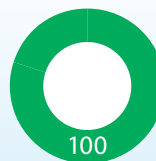
Major capacity expansion of greenfield solar capacity
Inorganic growth through acquisition of Welspun portfolio

2030



Pursuing new solar and hybrid capacities

2040-2050



Phase-out of all coal-based generation
Carbon net zero before 2045

● Thermal ● Clean (non-carbon based)

Committed to Science Based Targets Initiative (SBTi)



Currently evaluating different options aligned to below 2° Celsius scenarios and fixing yearly reduction targets basis the Sectoral Decarbonisation Approach (SDA)

Setting collaborative and newer benchmarks in carbon mitigation

Our carbon mitigation framework includes initiatives for powering CO₂ savings across stakeholder groups.



Suppliers

- ❑ Encourage **ESG disclosure** among Tier-1 suppliers
- ❑ **Responsible supply chain** management - ethics, environment, human rights, safety



Business

- ❑ **Stringent targets for carbon intensity reduction**
- ❑ Focus on viable technologies
 - Storage technology (hydrogen)
 - Carbon capture/mitigation



Employees

- ❑ **Zero emission campus** – EVs for in-campus
- ❑ **Mobile app** to reduce travel emissions
- ❑ **Paperless office**



Customers

- ❑ **Qualification of carbon savings** (DSM, ESCO, New businesses)
- ❑ **Green power supply** for customers
- ❑ **Digitalise customer processes** (Paperless billing and chatbot)



Community

- ❑ **Scaling up Club Enerji** as a brand property
- ❑ Focus on **skill-based and virtual volunteering**
- ❑ Refining of **Tree Mittra initiative** to increase **plant survival rates**