

# **More Power**

# through collaboration

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

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# is social empowerment

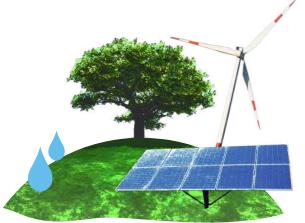
We derive our social licence to operate from the communities around our operational value-chain.

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







# **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.



Revenue

₹ **42,576** crore 28% ♠



**EBITDA** 

₹ **8,191 crore** 3% ♠



PAT

₹ **2,156** crore 50% ♠



RoCE **7.8%** 



RoE

9.5%



Net Debt to equity ratio

1.53

### **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.



Total power generation 44,383 MUs



Tata Power Solar Rooftop EPC ranked #1 for 8 years in a row



Utility scale Solar order book

3 **GW** 



**Across 352 cities** 

2,200+ public EV charging points installed



HPCL, Apollo Tyres, Lodha, Rustomjee, TVS Motor Company, among others

Comprise large partnerships entered during the year



**Empaneled for** 

84 MW Rooftop Solar Project

for domestic consumers across all districts of Kerala



Clean Green capacity commissioned 707 MW



Achieved reduction in AT&C losses in Odisha Discom



Signed MoU with NAREDCO\* to install

5,000 EV charging points

across Maharashtra

<sup>\*</sup>National Real Estate Development Council



### **ESG**

### Demonstrated progress and leadership across all ESG parameters.

### **Environment**



Clean energy portfolio 34%



Saplings planted 13.4 lakh



**GHG** emissions reduction 20%



**Aligned to Science Based Targets Initiative** (SBTi)



**Carbon intensity** 0.794 tCO<sub>2</sub>e/MWh



**Aligned to Task Force on Climate**related Financial **Disclosures (TCFD)** 

### Social



**Total employee** training hours

7,84,761



**Customers served** 12.3 million



CSR spend ₹ 32.8 crore

### Governance

# CRISIL 67/100

First time rating

Top ranked Indian energy utilities



B+(66.7/100)

16% Score improvement from B- (FY20)

# S&P Global

67/100

Top ranked Indian energy utilities

80th percentile globally

Score increase by 40%



Score improvement from C to B (CDP Water)

## **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**

(%)

### 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)**

### **Commit** Submit a letter establishing your intent to set a science-based target

Develop Work on an emissions reduction target in line with SBTi's criteria

Submit Present your target to SBTi for official validation

Communicate Announce your target and inform your stakeholders

**Disclose** Report company-wide emissions and progress against targets on an annual basis

**MARCH 2021** 

**Alignment with Businesses & CDP** 

2023

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 CO<sub>3</sub> savings across stakeholder groups.



### **Suppliers**

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



- 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
- **x** Focus on skill-based and virtual volunteering
- Refining of Tree Mittra initiative to increase plant survival rates