

February 9, 2024 BJ/SH/L2/

BSE Limited
Corporate Relationship Department
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Rotunda Bldg., P. J. Towers
Dalal Street, Fort
Mumbai – 400 001.
Scrip Code: 500400

National Stock Exchange of India Limited Exchange Plaza, 5th Floor Plot No. C/1, G Block Bandra-Kurla Complex Bandra (East) Mumbai – 400 051. Symbol: **TATAPOWER**

Dear Sirs,

Presentation to Analysts

Pursuant to Regulations 30 of SEBI (Listing Obligations & Disclosure Requirements) Regulations, 2015. We forward herewith a presentation that will be made to the Analysts today in connection with the Audited Standalone and Unaudited Consolidated Financial Results of the Company for the quarter and nine months ended December 31, 2023.

Yours faithfully, For **The Tata Power Company Limited**

Vispi S. Patel Company Secretary FCS 7021

Encl: As above







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Agenda

- 04 About Tata Power
- 10 Sustainability: Manifesting a Greener Tomorrow
- 18 Industry Highlights
- 22 Business Highlights
- 31 Operational & Financial Highlights
- 37 Annexures







Glorious history of over 100 years...

Calendar Year Basis

- 1910: Company incorporated as Tata Hydroelectric Power Supply Company
- 1915:1st Hydro power generating station (40 MW) commissioned at Khopoli. followed by Bhivpuri (1922) and Bhira (1927)
- 2001:Commissioned first wind asset of 17 MW at Supa Maharashtra
- 2002: Takes over distribution of Delhi, later renamed as TPDDL a JV between Tata Power (51%) and Delhi Government (49%)
- 2003:Tata Power enters into a JV with Power Grid Corporation of India (PGCIL). to develop a 1,200 Km long transmission line to bring electricity from Bhutan to Delhi
- Commissioned first solar asset of 3 MW at Mulshi Maharashtra
- Unit 1 of 525MW Maithon Power Limited (MPL) commissioned
- 2014: Entered into agreement to sell 30% stake in Arutmin for US\$401Mn
- 2015: Commissions the 126MW Dagachhu Hydro Power Corporation in Bhutan

2014-2015 | 2016-2017

- Resurgent Power Ventures acquires 75.01% equity stake of Prayagraj Power Generation Limited (PPGCL)
- Announces sale of South African JV Cennergi for US\$84mn
- Tata Power wins bid for installation of 105MWp largest floating solar plant in Kavamkulam, Kerala

2020

2018-2019

₹2.000 Cr from Blackrock and Mubadala Consortium Takes over distribution TPREL Received LoA for in North-Eastern Odisha. Western and Southern Odisha. TPNODL, TPWODL and

TPSODL formed as JV

between Tata Power

(51%) and Odisha

Government (49%)

966MW Hybrid RE Project from Tata Steel Signed MoU with Maha Govt.

Received second tranche of

- for development of 2.8GW of Pumped Storage Project (PSP) 4.3GW Cell & Module Plant
- achieved First Module Out (FMO)
- Won bids for Bikaner-Neemrana & Jalpura-Khurja transmission projects worth ₹ 2,300 Cr

1910-1955 1956-2000 2001-2005 2007

- 1956-65: 3 units of 62.5 MW each and 4th thermal unit of 150 MW capacity at Trombay commissioned
- **1977:** 150MW pumped storage at Bhira upgraded
- 1984: 500 MW-5th Unit established at Trombay, to supply uninterrupted supply to Mumbai
- 1991: 1st Solar cell manufacturing capacity is set up by Tata Power Solar Systems Limited (TPSSL) in collaboration with BP Solar
- Tata Power completes acquisition of 30% stake in Indonesian Coal Mines: Kaltim Prima Coal (KPC) Arutmin & Indo Coal for US\$1.15Bn

2011

- Tata Power Mundra signed PPA with 5 states (Guiarat. Maharashtra, Punjab, Haryana & Rajasthan)
- Industrial Energy Limited (IEL), a JV formed between Tata Power (74%) and Tata Steel (26%) to meet power requirements for Tata Steel

2012:Commissioned 2nd unit of 525 MW in MPL

2012-2013

- 2013:5 units of 800 MW each at Mundra UMPP commissioned, the first super critical technology in
- 2013:Tata power acquires 26% share in the Indonesian coal mine PT Baramulti Suksessarana Tbk (BSSR) for US\$ 152 million
- 2016:Acquired 1,010MW operational RE assets of Welspun, renamed it to Walwhan Renewable Energy Ltd (WREL).
- 2016:Resurgent Power JV formed by Tata Power and ICICI Venture to acquire stressed assets in Indian Power Sector. Tata Power holds 26% stake in Resurgent Power"
- 2017: Tata Power Ajmer Distribution Limited (TPADL) is formed to take over supply and distribution of Ajmer

- Tata Power sells 3 ships for US\$ 213Mn
- Tata Sons infuse ₹ 2.600 Cr: raise promoter holding to 47% from 37%

2021

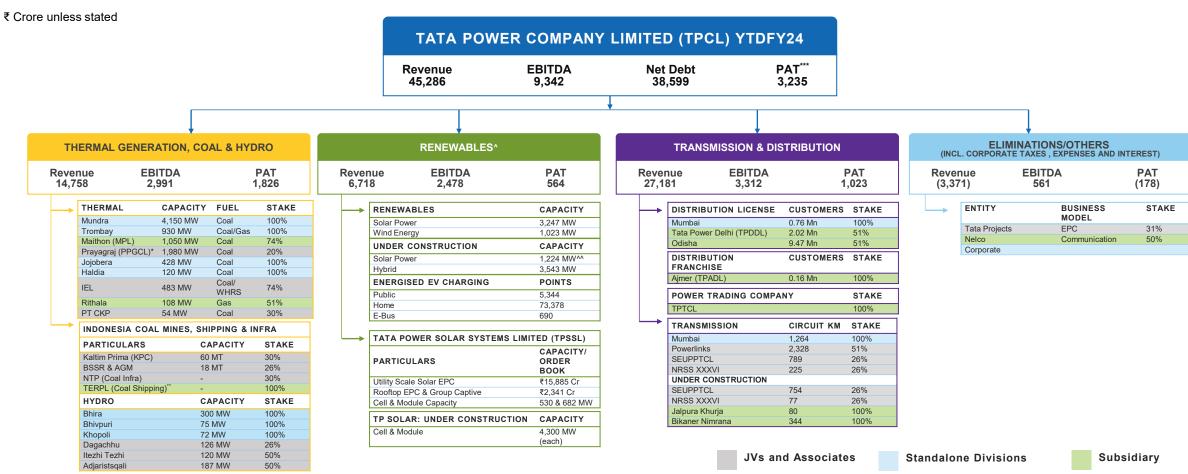
- Completed sale of Defence business to Tata advanced Systems Ltd. for ₹ 1,076 Cr.
- Tata power takes over distribution in Central Odisha TPCODL formed as JV between Tata Power (51%) and Odisha Government (49%)

2022 2023

- Mundra (CGPL) amalgamated into Tata Power
- Tata Power Renewable Energy Limited (TPREL) enters into an agreement to raise ~₹ 4,000 (US\$ 525 million) Cr by issuing shares to a consortium of Blackrock and Mubadala: received first tranche of ~₹2.000 Cr.
- Resurgent announces acquisition of 100% stake in NRSS XXXVI Transmission Ltd. and SEUPPTCL (Transmission Company)



... to become India's most Vertically Integrated Power Company



^{*} Resurgent owns 75% in Prayagraj | "TERPL is a wholly owned subsidiary of Tata Power International Pte Ltd., which is wholly owned by Tata Power. | "Reported PAT before Minority Interest after exceptional items | ^ Tata Power currently owns 88.57% stake in Renewables (TPREL). ^^15 MW is for IEL



14GW Generational Assets spread across India



PARTICULARS	DOMESTIC
FAITHOULAIN	CAPACITY (MW)
1. Gujarat	5,013.5
2. Maharashtra	2,309.2
Uttar Pradesh	2,082.1
4. Jharkhand	1,740.9
5. Rajasthan	740.2
6. Karnataka	620.0
7. Tamil Nadu	379.3
8. Andhra Pradesh	317.6
9. Odisha	242.9
10. Madhya Pradesh	175.0
11. West Bengal	123.0
12. Delhi	111.2
13. Bihar	41.0
14. Punjab	36.0
15. Telangana	19.5
16. Uttarakhand	6.6
17. Assam	4.4
18. Haryana	1.8
19. Pondicherry	1.0
20. Goa	0.7
21. Andaman & Nicobar	0.2
Grand Total	13,966

Capacity Mix (Domestic + International)

14,453 Total	MW	8,860 Thermal	MVV		

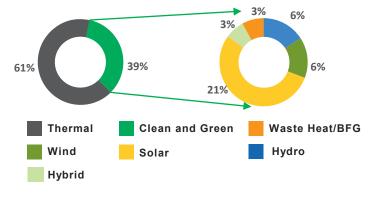
880 MW
Hydro

443 MW
Waste Heat Recovery /BFG

835 MW 3,022 MW Solar

413 MW Hybrid

Distribution of installed capacity (Domestic & International)





Assets located outside India







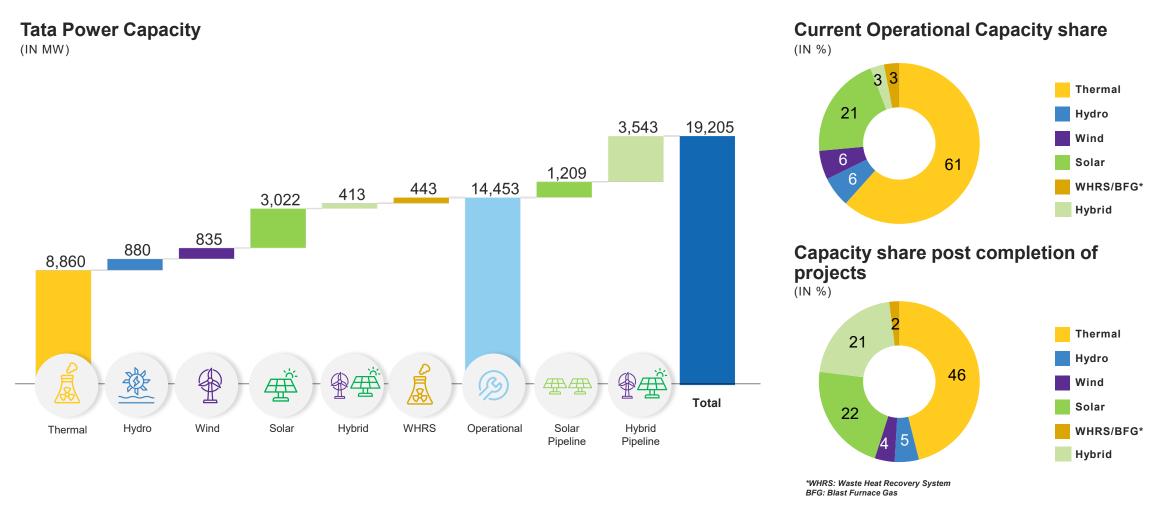


54 MW Installed capacity

TPCL stake

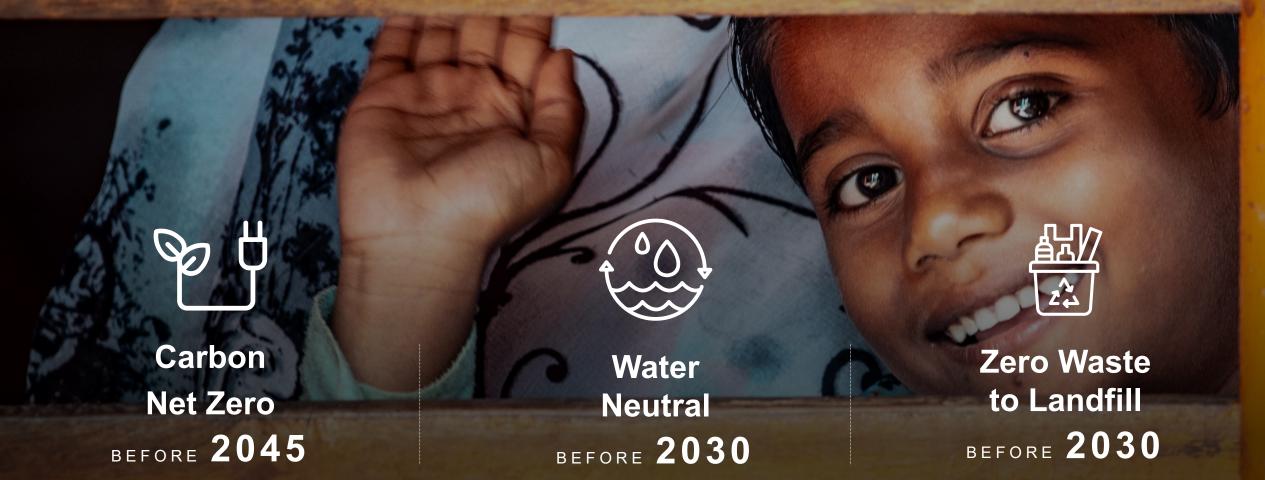


Clean & Green to account for ~54% capacity post project completions











Our sustainability aspirations



Become carbon net zero before 2045

Become water neutral before 2030 Zero waste to landfill before 2030

No Net Loss to Biodiversity

Leverage technology to create the 'Utility of the Future' (IOT, Smart Grids, BESS, Green H2, robotic panel cleaning etc.)



Education - Train 35 lakh+ youth as conservation and STEM education champions by 2028 Employability and Employment - 20 lakh+ youth trained and made employable by 2028 Entrepreneurship -Enable 1 lakh+ community collectives (Self Help Groups) by 2028

Improve overall gender diversity ratio to 20% by 2028



Improve Sustainability Disclosures and get listed in DJSI Emerging Markets list by 2027 Inclusion in S&P Global Emerging Market List by 2027



Taking leaps towards our ESG goals

Particulars		Baseline		Target				
	Description	Value (FY23)	Year	Value	Year	On going actions		
	Clean & Green Portfolio	16%*	2015	70%	2030	39% Clean & Green portfolio as on Dec2023		
Environment	Net Zero (Absolute Carbon Emissions)	38.9 Million Tonnes	2023	100%	2045	 SBTi Commitment Renewable Portfolio Growth Thermal plant phase-out plan Annual plantation of more than 1 million saplings 		
	Water Neutral (Fresh Water Consumption)	69.7 Billion litres	2023	100%	2030	3% Fresh Water reduction17% Rain Water Harvesting80% by offsets		
	Zero Waste to Landfill	5.96 Million Tonnes				Waste utilisation of Ash		
	Total Non HW Waste (including Ash)	5.8 Million Tonnes	2023	100% 20		 Waste Management Plan for biodegradable waste, plastic, and e- waste 		
	Education	1.6 Million beneficiaries	2023	3.5 Million	2028			
	Employability & Employment	39,156 beneficiaries	2023	2.0 Million	2028	• CSR initiatives made a positive impact on 3.7 million lives across 17 Indian states during FY23		
Social	Entrepreneurship	26,170 beneficiaries	2023	100,000	2028	• ₹ 50 Cr CSR spend in FY23		
	Gender Diversity (%)	9%	2023	20%	2028	 Women employees across roles 59% - Campus hires Policies supporting women in all life stages and mentorship program 		
Governance	DJSI Emerging Markets List (Absolute Score)	67/100	2023	80/100	2027	ESG Action Plan and Gap Analysis		

^{*}Base Year 2015 for Clean & Green Portfolio in alignment with Paris Agreement



Gradually improving our ESG ratings

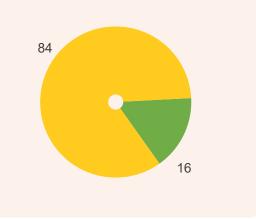
	2023	2022	2021	2020	2019	2018
DISCLOSURE INSIGHT ACTION CDP – Climate Change	В	В	С	С	D	D
DISCLOSURE INSIGHT ACTION CDP — Water	В	В	В	С	F	F
Dow Jones Sustainability Indexes DJSI	67	67	67	-	48	15
MSCI MSCI	BBB	BBB	ВВ	ВВ	ВВ	ВВ
Sustainalytics	38.5	41.2	38.6	-	-	-



Achieving 100% Clean & Green Power generation by FY 2045

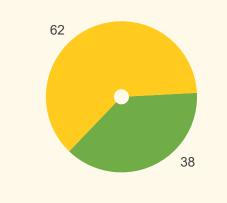
2015

Largely a coal-based company, having capacities to fulfil the energy demands of a developing India



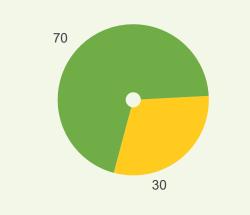
2023

Transitioning towards a clean and green portfolio through renewable energy capacity expansion



2030

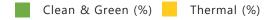
Clean & Green Capacity will account for 70% of our overall capacity in 2030



2045

Phasing out thermal portfolio before 2045 as Power Purchase Agreements (PPA's) for our thermal capacities expire







Empowering Communities



CSR Mission

To work with communities in the vicinity of our operations or as specially identified, to gain their acceptance of co-existence by addressing salient development imperatives

The key interventions for target communities are focused in the following thematic areas

Employability & Employment

Entrepreneurship

Education

Essential Enablers

3.7 Mn

Touching lives

85+

Districts in 17 states

**Tata Power has taken a major leap in the CSR ranking by securing a spot in top 10 as against its 57th rank in the last vear





















Powering Transforming

Public Private Partnerships (Collaboration & Leverage) Improving access & creating opportunities

Far Reaching Impact on Community and Coownership

Optimal Utilization of Resources (Premises) Green Jobs Technology Enablement

Institutionalisation & Standardization

Tree Mittra leveraged for social afforestation

**Source: https://www.futurescape.in/responsible-business-rankings/ | https://thecsrjournal.in/top-100-companies-india-csr-sustainability-2021/



Well-established governance framework

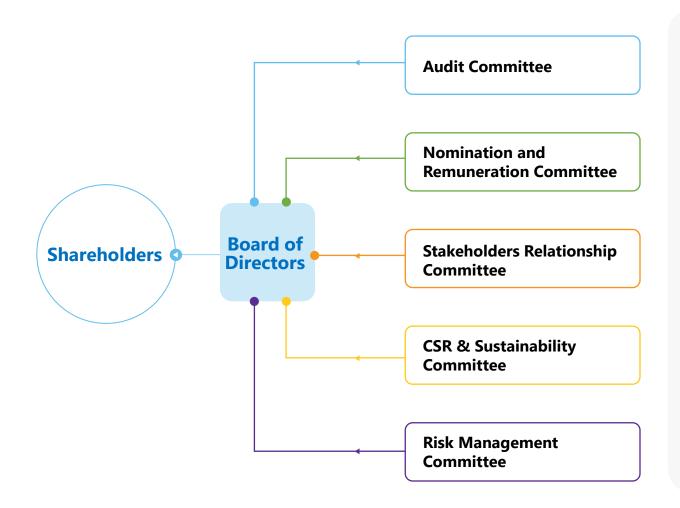
Our CSR and Sustainability Committee at the Board level guides the strategy, and the Apex Leadership Team enables its impactful implementation







Robust Governance Structure in place



Governance policies

- Tata Code of Conduct
- Code of Conduct for Independent Directors
- Code of Conduct for Non-Executive Directors
- Related Party Transactions Policy, Framework & Guidelines
- Whistle Blower Policy & Vigil Mechanism
- · Risk Management Policy ISO certified
- CSR Policy
- Tata Code of Conduct for Insider Trading and Corporate Disclosure Policy
- Dividend Policy
- Policy for Determining Material Subsidiaries
- · Policy for determining Materiality for Disclosures
- Remuneration Policy for Directors, Key Managerial Personnel and Other Employees
- Charters of various Board appointed Committees ... and others



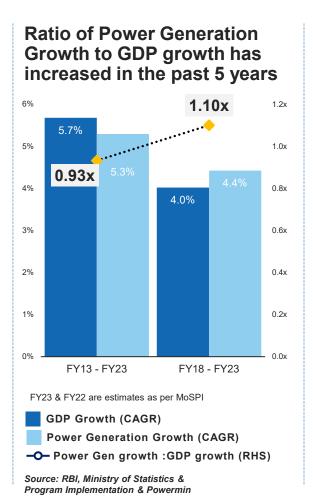


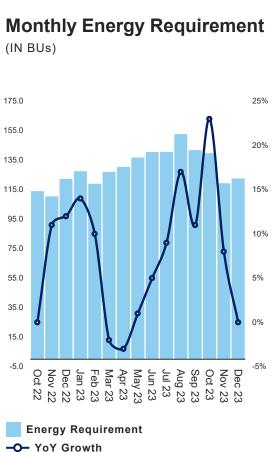
Power Demand is up 10% Y-o-Y in Q3FY24 and up 8% in 9MFY24

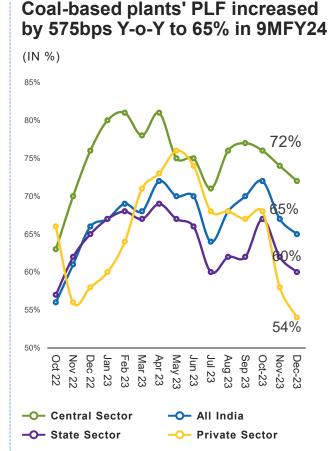
India has one of the lowest power consumption per capita

(IN KWH) 30,000 25.000 20.000 15,000 10,000 5,000 Japan Data represents per capita power consumption for CY22

Source: ember-climate.org







Source: NPP

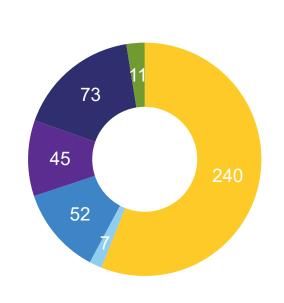
tatapower.com 19

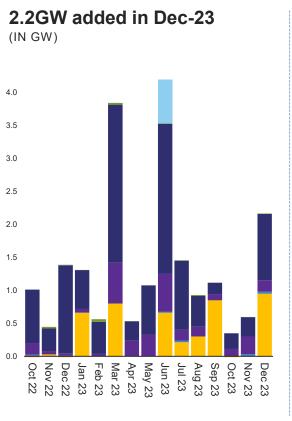
Source: CEA

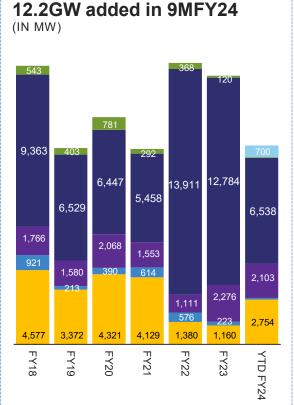


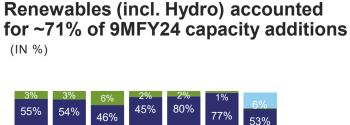
RE continues to account for bulk of the Capacity additions in India

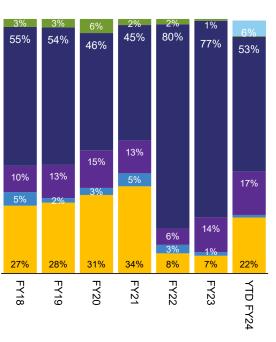












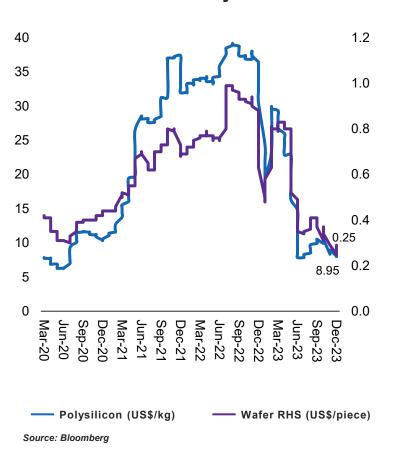
Thermal Hydro (incl. small Hydro) Wind Solar Nuclear Other Renewable (Biomass, Waste to Energy)

Source: Central Electricity Authority

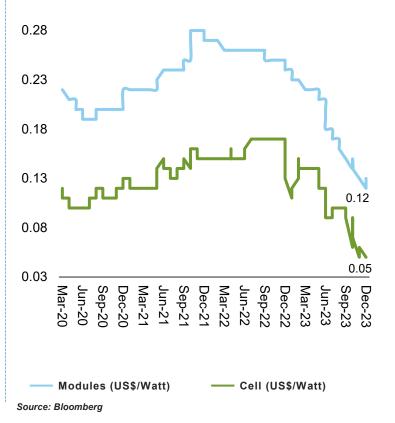


Cell and Module trading near multi-year lows; Coal has stabilised

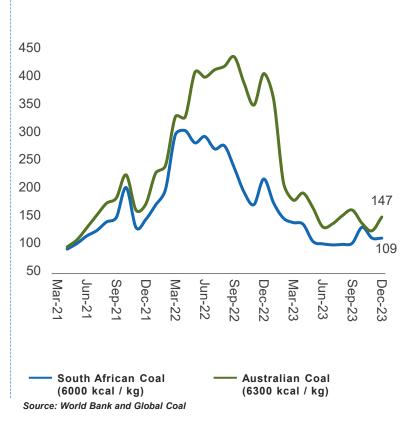
Price Movement of Polysilicon & Wafer



Price Movement of Solar Cell & Module



Thermal Coal Prices (US\$/t)







Q3 FY24 Highlights

Tata Power surpasses ₹1 trillion Market Capitalization



4.3GW Module plant ramp up on track with 2GW module line ramp up completed and remaining expected in Q4FY24

Tata Power has received its first dividend of USD50m from its Zambia Hydro unit of 120MW (Itezhi Tezhi Power Corporation) Tata Power acquires 344cKm Bikaner-III Neemrana-II Transmission Limited to evacuate 7.7 GW of renewable energy from Bikaner complex in Rajasthan.

Declared L1 for 80cKm Jalpura Khurja transmission line connecting Jalpura Substation to Khurja Power plant



TPREL energized 400+ public EV charging points in Q3 FY24 taking the total charging points to 5300+ public/ semi public chargers across 479 cities



TPREL has won FDRE project from SJVNL of 1316.5 MW Solar 460 MW, Wind 799 MW & BESS - 57.5 MW Tata Power Reaches milestone of ~9 lakh smart meters across its Discoms in Mumbai, Delhi and Odisha

India Ratings has upgraded Tata Power's Credit rating to AA+/Stable from AA/Stable and CRISIL upgraded to AA/Positive from AA/stable TPSSL receives order of 152MWp DCR Solar PV Module from NTPC for its Nokh Solar Project in Rajasthan

Signed a MoU with IOC to install 500+ fast and Ultra-fast EV charging points across multiple IOCL retail outlets





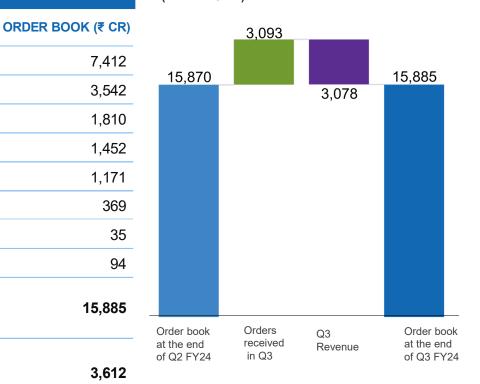
Solar Utility Scale EPC Update



WELL DIVERSIFIED UTILITY SCALE ORDER BOOK

CUSTOMER	ORDER BOOK (₹ CR)
Tata Power Group	7,412
SJVN	3,542
NTPC	1,810
NLC	1,452
NHPC	1,171
NHDC	369
SECI	35
Others	94
Order Book as on 31st Dec 2023 (₹ Cr)	15,885
Total Capacity as on 31st Dec 2023 (MW)	3,612

Utility Scale EPC Order Book (IN ₹ CRORE)



BUSINESS UPDATES

- Utility Scale Solar EPC business has won orders of 612MW worth ₹2,894Cr in Q3FY24.
- Highest orders won in a quarter by Tata Power which consists of 460 MW solar project from SJVN and 152 MWp Solar PV Module from NTPC.



Solar Rooftop and Group Captive – Q3 FY24 Highlights



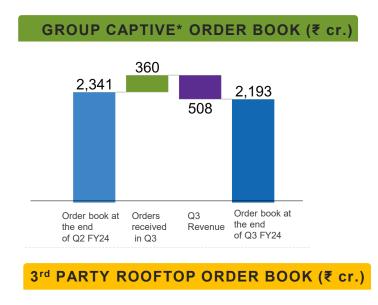
GROUP CAPTIVE*

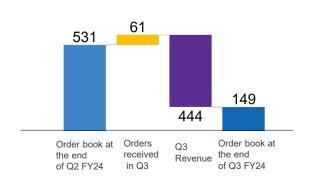
- Order book as at Q3 FY24 end stands at ₹ 2,193 crore
- 73 MW of Group Captive orders won in Q3 FY24

3rd PARTY ROOFTOP

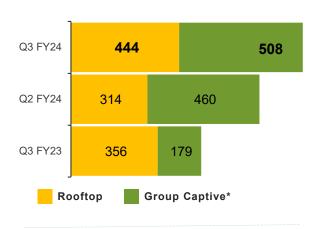
- Order Book at Q3 FY24 end stands at ₹ 149 crore
- 103 MW Rooftop installed in Q3FY24
- Channel network crosses 503+ partners across 307+ districts

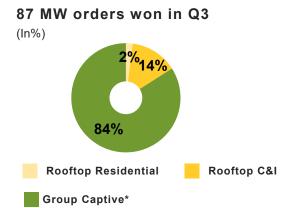






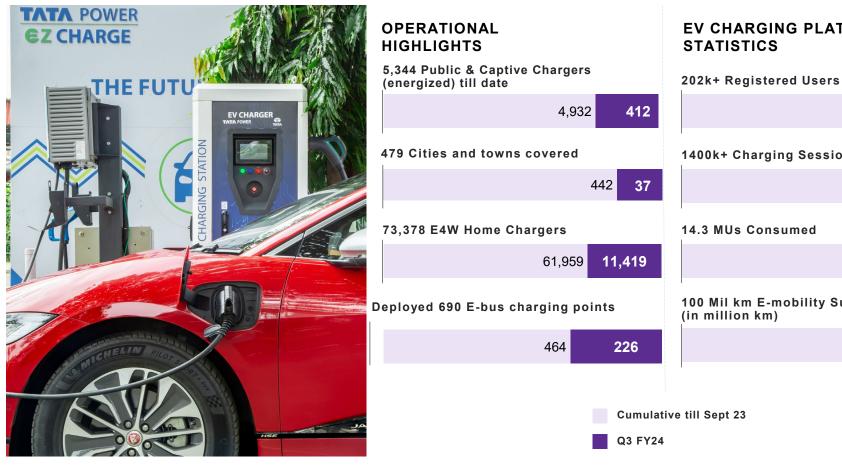
Revenue (In ₹ Crore)







Tata Power - EZ Charge



EV CHARGING PLATFORM



177

	11.7	2.0
00 Mil km E-mobility Supp	ported	

82

BUSINESS HIGHLIGHTS

- Tata Power and Indian Oil Corporation (IOC) to deploy 500+ EV charging Points across India
- Partnership with Kanpur Municipal Corporation for deployment of charging infrastructure in the city
- Agreement signed with Assam Government to roll out charging network in Guwahati city



Odisha Discoms –Q3 FY24 Highlights STRONG OPERATIONAL PERFORMANCE ACROSS ALL DISCOMS

			STRONG OPERATIONAL PERFORMANCE ACROSS ALL DISCOMS							
			THEFT LOAD (MW)P		METERS REPLACED (in lakhs)		SUBSTATIONS AUTOMATED (No's)		PRE-TAKEOVER ARREARS COLLECTED (₹Crs)	
		REDUCING AT&C LOSSES => PROMISING GROWTH (Incl. past arrears)	Q3 FY24	Upto Dec'23	Q3 FY24	Upto Dec'23	Q3 FY24	Upto Dec'23	Q3 FY24	Upto Dec'23
TPCODL	~72,700 smart meters installed till date	Q3 FY24 15% Q3 FY23 19%	14	282	0.5	10	5	211	5	600
TPSODL	~77,200 smart meters installed till date	Q3 FY24 25% Q3 FY23 24%	35	203	0.3	6	7	122	4	261
TPWODL	~1,49,000 smart meters installed till date	Q3 FY24 11% Q3 FY23 14%	53	262	0.8	5	15	163	7	377
TPNODL	~62,100 smart meters installed till date	Q3 FY24 8% Q3 FY23 9%	18	264	0.7	7	4	119	13	589



4.3 GW Cell and Module Manufacturing Plant - Update

Module Testing completed
Oct 2023

Module Ramp-up 4.3GW*
& First Cell-out
Q4 FY24

Cell line Ramp-Up 4.3GW* Q1 FY25















*Subject to necessary approvals

Pre-Lamination Area Completed- Under Trial Run

First Module Out (FMO)



Pumped Storage Hydro Plants (PSP)

BHIVPURI PSP Key Highlights

1,000 MW

Type

Existing Off-stream

Upper Reservoir

Thokarwadi – 352 MCM (million cubic meters)

Lower Reservoir

New – 5 MCM

Daily Generation

6,000 MWhr

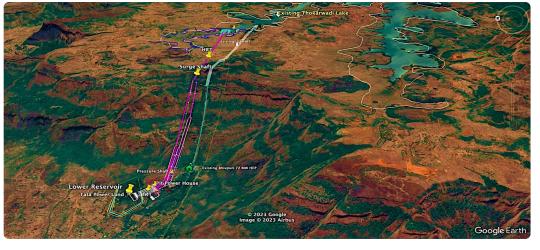
Capital Investment

₹4,700 Crores

Timeline:

Start by Mid-2024 Completion- End 2027







SHIRAWATA PSP Key Highlights

1,800 мw

Type

Off-stream

Upper Reservoir

New -15 MCM

Lower Reservoir

Existing Shirawta Dam 197 MCM

Daily Generation

10,800 MWhr

Capital Investment

₹7,850 Crores

Timeline:

Start by Mid-2024 Completion by 2028



Transmission- Recent wins to expand transmission portfolio

Declared L1*

Project:

Jalpura Khurja Power Transmission Limited (80 Ckm)

Project Brief

- Construction and O&M of 400 kV substation at Greater Noida and Jalpura in Uttar Pradesh
- Line in line out (LILO) of 400 kV line at Greater Noida substation and construction of 400 kV line from Jalpura substation to Tehri Hydro development corporation (THDC) Khurja Thermal Power Plant (TPP)

Capex: ₹750Cr

Received LOA*

Project:

Rajasthan Phase IV Part C (344 Ckm)

Project Brief

- Bikaner-III Neemrana-II 765 kV D/C line (2nd)
- 765 kV 110 MVAR switchable line reactor 6 at Bikaner III PS
- 765 kV 110 MVAR switchable line reactor 6 at Neemrana II S/S
- 765 kV line bays 2 at Bikaner III PS
- 765 kV line bays 2 at Neemrana II S/S

Capex: ₹1,544 Cr

Transmission Capacity (Ckt Km)



30

^{*}Lowest bidder *Letter of Agreement



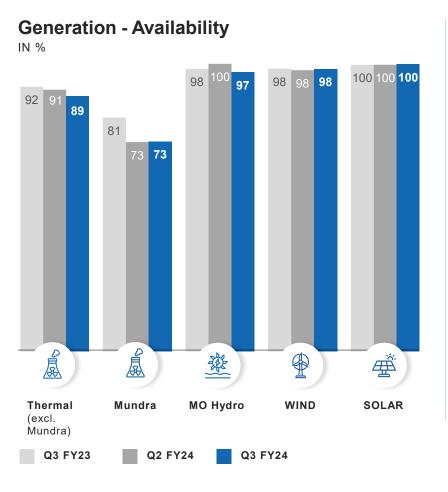


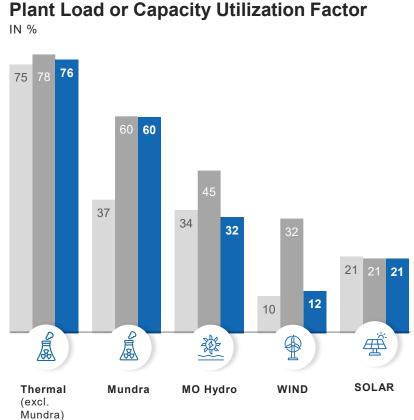
Operational & Financial Highlights

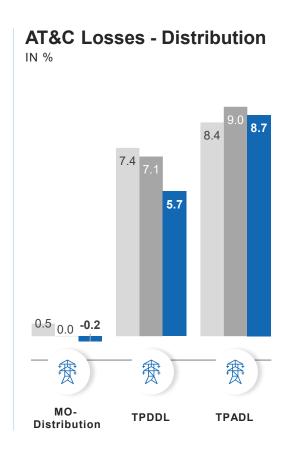




Q3 FY24 Operational Highlights

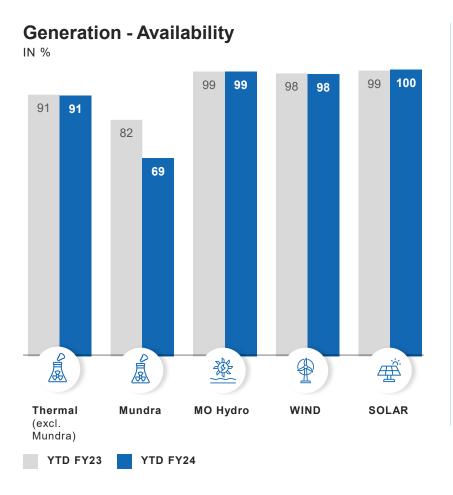


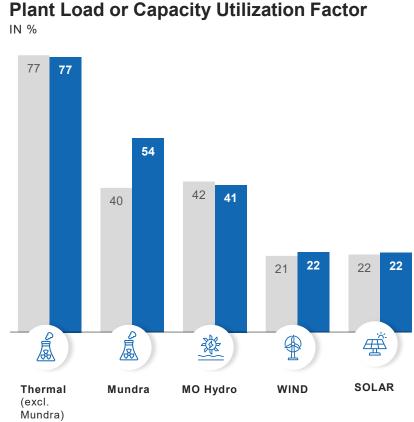


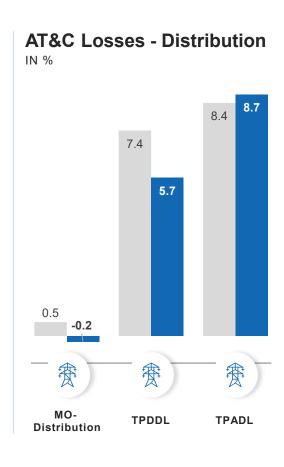




9M FY24 Operational Highlights



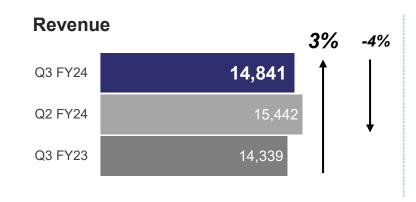


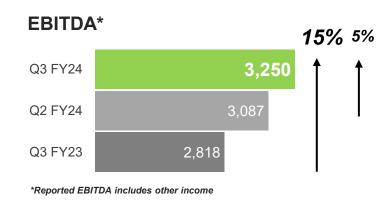


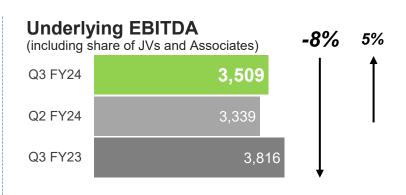


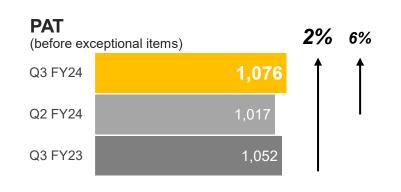
Financial Highlights

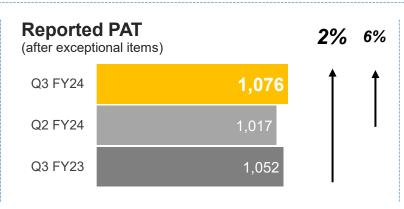
Posted PAT growth for the 17th consecutive quarter

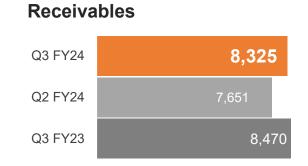








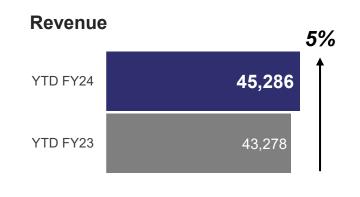


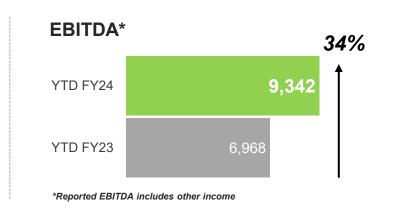


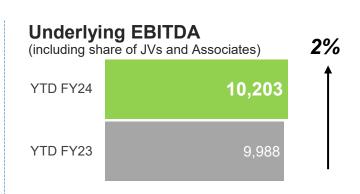


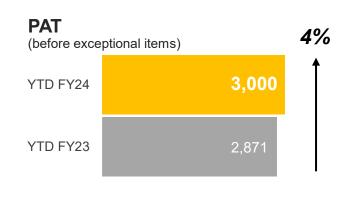
Financial Highlights

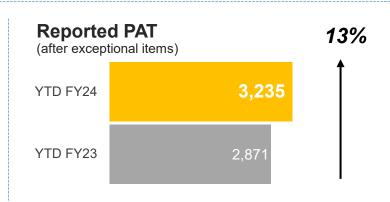
Robust fundamentals as core businesses reported highest ever EBITDA in 9MFY24

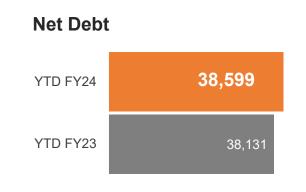












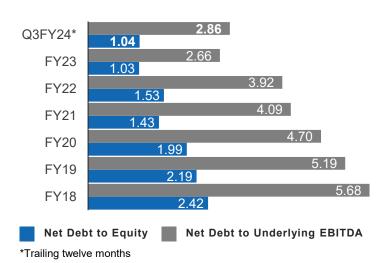


Comfortable Debt Position For Sustainable Growth

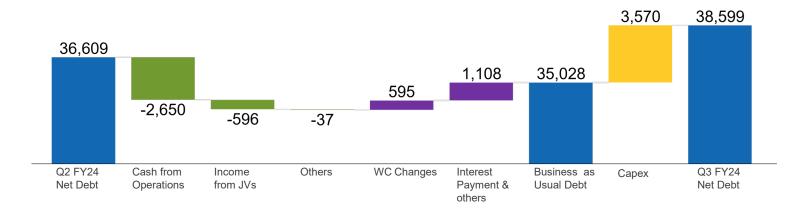
Net Debt



Balance Sheet continues to be strong



Net Debt has increased Q-o-Q largely due to higher capex (IN ₹ CRORE)



Credit Rating* (Consolidated)	2019-20	2020-21	2021-22	2022-23	Current
CRISIL	AA- /Positive	AA /Stable	AA /Stable	AA /Stable	AA /Positive
ICRA	AA- /Stable	AA- /Positive	AA /Stable	AA /Stable	AA /Positive
India Ratings	AA /Stable	AA /Stable	AA /Stable	AA /Stable	AA+ /Stable
CARE	AA /Stable	AA /Stable	AA /Stable	AA /Stable	AA /Positive
S&P Global	-	B+ /Positive	BB /Stable	BB+ /Stable	BB+ /Stable
Moody's	-	Ba3 /Stable	Ba2 /Stable	Ba2 /Stable	Ba1 /Stable

^{*}Credit Upgrades indicated by deepening shades of blue



Entity-wise Consolidated Performance – Q3 FY24



₹ Crore unless stated

Particulars	Op Inc	come	EBITE)A^^	PA	T
	Q3 FY24	Q3 FY23	Q3 FY24	Q3 FY23	Q3 FY24	Q3 FY23
Consolidated before exceptional items	14,841	14,339	3,250	2,818	1,076	1,052
Standalone & Key Subsidiaries						
Tata Power (Standalone)	5,063	5,496	1,503	2,841	527	1,504
Maithon Power (MPL) *	845	809	182	213	81	103
Delhi Discom (TPDDL) **	2,231	2,236	325	329	109	107
Power Trading (TPTCL)	65	120	46	31	33	21
Solar EPC (TPSSL)***	4,037	1,430	203	96	120	49
Renewable Generation (RE Gencos) ***	740	704	614	654	54	92
Coal SPVs incl. TPIPL (Investment Companies)	-	-	(7)	(2)	(96)	(264)
TERPL (Shipping Co)	253	184	76	53	39	23
TP Central Odisha Dist Ltd (TPCODL)**	1,273	1,058	107	35	19	(32)
TP Southern Odisha Dist Ltd (TPSODL)**	490	503	54	33	1	(3)
TP Western Odisha Dist Ltd (TPWODL)**	1,761	1,686	94	47	17	27
TP Northern Odisha Dist Ltd (TPNODL)**	871	849	109	97	26	43
Others	207	172	16	21	(14)	2
TOTAL - A	17,837	15,247	3,322	4,445	916	1,675
Joint Venture and Associates	-	-	-	-	259	998
TOTAL - B	17,837	15,247	3,322	4,445	1,175	2,673
Eliminations#	(2,996)	(908)	(72)	(1,627)	(99)	(1,621)
Exceptional Items	-	-	-	-	-	-
TOTAL - C	14,841	14,339	3,250	2,818	1,076	1,052

Previous year numbers are restated

^{*}TPCL stake-74%; ***TPCL stake-51%; ***Tata Power currently owns 88.57% stake in Renewables (TPREL). # Eliminations include inter-company transactions; ^^ including other income

Entity-wise Consolidated Performance – YTD FY24



₹ Crore unless stated

Particulars	Op In	come	EBITI	DA^^	PAT		
	YTD FY24	YTD FY23	YTD FY24	YTD FY23	YTD FY24	YTD FY23	
Consolidated before exceptional items	45,286	43,278	9,342	6,968	3,000	2,871	
Standalone & Key Subsidiaries							
Tata Power (Standalone)	15,164	15,654	4,325	5,795	1,384	2,588	
Maithon Power (MPL) *	2,456	2,373	669	592	352	265	
Delhi Discom (TPDDL) **	7,976	8,324	987	1,001	332	341	
Power Trading (TPTCL)	215	353	86	10	61	3	
Solar EPC (TPSSL)***	7,439	3,918	395	236	205	67	
Renewable Generation (RE Gencos) ***	2,589	2,415	2,247	2,143	441	449	
Coal SPVs incl. TPIPL (Investment Companies)	-	-	(24)	12	(315)	(521)	
TERPL (Shipping Co)	645	489	235	103	139	21	
TP Central Odisha Dist Ltd (TPCODL)**	4,091	3,578	286	168	27	(21)	
TP Southern Odisha Dist Ltd (TPSODL)**	1,581	1,571	196	113	32	24	
TP Western Odisha Dist Ltd (TPWODL)**	5,175	4,682	288	153	67	50	
TP Northern Odisha Dist Ltd (TPNODL)**	2,850	2,452	321	185	91	54	
Others	661	602	34	23	(30)	(29)	
TOTAL - A	50,842	46,410	10,047	10,534	2,785	3,291	
Joint Venture and Associates	-	-	-	-	861	3,020	
TOTAL - B	50,842	46,410	10,047	10,534	3,646	6,311	
Eliminations#	(5,555)	(3,132)	(705)	(3,566)	(647)	(3,441)	
Exceptional Items	-	-	-	-	235	-	
TOTAL - C	45,286	43,278	9,342	6,968	3,235	2,871	

Previous year numbers are restated

^{*}TPCL stake-74%; ***TPCL stake-51%; ***Tata Power currently owns 88.57% stake in Renewables (TPREL). # Eliminations include inter-company transactions; ^^ including other income

Cluster-wise Consolidated Performance – Q3 FY24



₹ Crore unless stated

Particulars	Op In	come	EBITE)A^^	PA	T
	Q3 FY24	Q3 FY23	Q3 FY24	Q3 FY23	Q3 FY24	Q3 FY23
Consolidated before exceptional items	14,841	14,339	3,250	2,818	1,076	1,052
Thermal Generation, Coal and Hydro	4,958	5,370	884	1,055	456	1,263
Maithon Power Limited (MPL) *	845	809	182	213	81	103
Traditional Generation (incl. Mumbai and Hydro)	1,455	1,671	329	259	201	169
IEL *	-	-	-	-	20	11
PPGCL ***	-	-	-	-	15	10
Others (Incl. eliminations#)	35	34	37	37	49	46
Mundra, Coal and Shipping	2,623	2,856	335	546	89	924
Renewables "	2,484	1,916	758	762	138	144
RE Gencos (Incl. CSL)	740	704	614	654	54	92
Solar EPC (TPSSL)	4,037	1,430	203	96	120	49
Others (Incl. eliminations#)	(2,293)	(217)	(60)	12	(36)	3
<u>T&D</u>	8,451	8,256	1,132	926	339	307
Transmission						
Mumbai	296	254	213	215	70	89
Powerlinks **	-	-	-	-	11	11
Distribution and Services						
Mumbai	1,089	1,206	171	137	47	42
Odisha **	4,396	4,096	364	211	63	36
Delhi **	2,231	2,236	325	329	109	107
Others (T&D incl, TPADL**, TPTCL and eliminations#)	439	464	59	34	40	22
Others (Incl. Tata Projects, Nelco and inter cluster eliminations#)	(1,052)	(1,203)	476	<u>75</u>	143	(662)
Consolidated before exceptional items	14,841	14,339	3,250	2,818	1,076	1,052
Exceptional items	-		-		-	
Consolidated after exceptional items	14,841	14,339	3,250	2,818	1,076	1,052

Previous year numbers are restated

^{*}TPCL stake-74%; **TPCL stake-51%; ***TPCL stake-20%;" Tata Power currently owns 88.57% stake in Renewables (TPREL). # Eliminations include intercompany transactions; ^^ including other income

TATA POWER Cluster-wise Consolidated Performance – YTD FY24



₹ Crore unless stated

Particulars	Op In	come	EBITI	DA^^	P.A	ΛT
	YTD FY24	YTD FY23	YTD FY24	YTD FY23	YTD FY24	YTD FY23
Consolidated before exceptional items	45,286	43,278	9,342	6,968	3,000	2,871
Thermal Generation, Coal and Hydro	14,758	15,329	2,991	1,908	1,826	3,011
Maithon Power Limited (MPL) *	2,456	2,373	669	592	352	265
Traditional Generation (incl. Mumbai and Hydro)	4,473	5,374	973	772	591	506
IEL *	-	-	-	-	70	73
PPGCL ***	-	-	-	-	47	35
Others (Incl. eliminations#)	101	96	111	101	147	125
Mundra, Coal and Shipping	7,728	7,486	1,238	442	619	2,008
Renewables "	6,718	5,610	2,478	2,276	564	452
RE Gencos (Incl. CSL)	2,589	2,415	2,247	2,143	441	449
Solar EPC (TPSSL)	7,439	3,918	395	236	205	67
Others (Incl. eliminations#)	(3,309)	(723)	(165)	(103)	(83)	(63)
<u>T&D</u>	27,181	26,236	3,312	2,623	1,023	834
Transmission						
Mumbai	882	752	637	566	208	209
Powerlinks **	-	-	-	-	32	30
Distribution and Services						
Mumbai	3,329	3,877	476	417	153	142
Odisha **	13,696	12,283	1,091	619	217	107
Delhi **	7,976	8,324	987	1,001	332	341
Others (T&D incl, TPADL**, TPTCL and eliminations#)	1,298	1,001	121	21	80	4
Others (Incl. Tata Projects, Nelco and inter cluster eliminations#)	(3,372)	(3,897)	<u>560</u>	<u>161</u>	(413)	(1,426)
Consolidated before exceptional items	45,286	43,278	9,342	6,968	3,000	2,871
Exceptional items	-	-	-	-	235	-
Consolidated after exceptional items	45,286	43,278	9,342	6,968	3,235	2,871

Previous year numbers are restated

^{*}TPCL stake-74%; **TPCL stake-51%; ***TPCL stake-20%;" Tata Power currently owns 88.57% stake in Renewables (TPREL). # Eliminations include intercompany transactions; ^^ including other income

Tata Power (Consolidated) Performance



₹ Crore unless stated

Particulars	Q3 FY24	Q3 FY23	Var	YTD FY24	YTD FY23	Var	Quarter Variance Remarks
Operating Income	14,841	14,339	502	45,286	43,278	2,008	Higher TPPSL projects execution, higher PLF in Mundra and higher power prices
Operating Expenses	12,234	11,794	(440)	37,150	36,877	(274)	- '
Operating Profit	2,607	2,545	62	8,136	6,401	1,735	
Other Income	643	273	370	1,206	566	640	ITPC Dividend and higher interest income
EBITDA	3,250	2,818	432	9,342	6,968	2,375	
Interest cost	1,094	1,098	4	3,498	3,176	(322)	Reduction in Gross Debt
Depreciation	926	853	(73)	2,746	2,513	(233)	Higher T&D capitalization and RE capacity addition
PBT before share of Assoc & JVs	1,230	866	363	3,099	1,279	1,820	
Share of Associates & JV's results	259	998	(739)	861	3,020	(2,159)	Lower profits from coal companies due to lower coal prices
PBT after share of JV	1,489	1,864	(376)	3,960	4,299	(338)	
Tax Expenses	413	812	399	960	1,428	468	Lower taxes on lower dividend from Coal SPV's
Net Profit before exceptional items	1,076	1,052	24	3,000	2,871	129	
Exceptional Items (Net of Tax)	-	-	-	235	-	235	
Net Profit for the period *	1,076	1,052	24	3,235	2,871	364	
* As per line item 9 in the SEBI Advt							

Tata Power (Standalone) Financial Performance



₹ Crore unless stated

Particulars	Q3 FY24	Q3 FY23	Var	YTD FY24	YTD FY23	Var	Quarter Variance Remarks
							Lower fuel cost & lower tariff offset by
Operating Income	5,063	5,496	(433)	15,164	15,654	(490)	favorable order in Jojobera and high
							PLF in Mundra
Operating Expenses	4,029	4,385	356	11,986	13,462	1,476	Decrease in fuel cost
Operating Profit	1,034	1,111	(77)	3,178	2,192	986	
Other Income	469	1,730	(1,261)	1,147	3,603	(2,456)	Lower dividend income received
EBITDA	1,503	2,841	(1,338)	4,325	5,795	(1,470)	
Interest cost	533	539	6	1,719	1,657	(62)	
Depreciation	284	289	5	861	866	(5)	
PBT	685	2,013	(1,328)	1,746	3,271	(1,525)	
Tax Expenses	158	509	351	362	684	322	Lower taxes on lower dividend
PAT (before exceptional items)	527	1,504	977	1,384	2,588	(1,204)	
Exceptional items	-	-	-	-	538	(538)	
PAT for the period*	527	1,504	(977)	1,384	3,126	(1,742)	
* Line no. 9 of advertisement							

Maithon Power Limited - Highlights



₹ Crore unless stated

Particulars	Q3 FY24	Q3 FY23	Var	YTD FY24	YTD FY23	Var	Quarter Variance Remarks
Generation (MUs)	2,076	2,063	13	6,125	6,093	32	
Sales (MUs)	2,030	2,029	1	6,068	6,018	50	
Availability (%) (Plant)	96%	98%	-2%	95%	97%	-2%	
PLF (%)	90%	89%	1%	88%	88%	0%	
Financials							
Operating Income	845	809	36	2,456	2,373	83	Higher generation and higher rate
Fuel Cost	581	522	(59)	1,554	1,559	5	Higher Fuel Cost
Other operating expense	90	80	(10)	249	243	(6)	
Operating profit	175	207	(32)	652	571	81	
Other Income	8	6	2	17	21	(4)	
EBITDA	182	213	(31)	669	592	77	
Interest cost	26	32	6	85	98	13	
Depreciation	72	68	(3)	221	205	(16)	
PBT	85	112	(28)	364	290	74	
Tax	4	9	6	12	24	13	
PAT	81	103	(22)	352	265	87	

Prayagraj Power Generation Co. Ltd. - Highlights



₹ Crore unless stated

Particulars	Q3 FY24	Q3 FY23	Var	YTD FY24	YTD FY23	Var	Quarter Variance Remarks
Generation (MUs)	3,131	3,256	(125)	9,700	9,632	68	
Sales (MUs)	2,947	3,069	(122)	9,142	9,077	65	
Availability (%)	80%	86%	-6%	84%	82%	2%	
PLF %	72%	74%	-1%	74%	74%	0%	
Financials							
Operating Income	1,245	1,144	101	3,683	3,362	321	Higher merchant sales
Operating expenses	967	928	(39)	2,815	2,693	(123)	Provision made in respect to demand raised by UPPCL
Operating profit	278	216	62	867	670	198	
Other Income	23	55	(32)	36	179	(143)	Late Payment surcharge received in PY
EBITDA	301	271	30	903	849	55	
Interest cost	174	172	(2)	517	528	11	
Depreciation	50	49	(1)	151	147	(4)	
PAT	77	50	27	236	174	62	

Tata Power Delhi Distribution Ltd. - Highlights



₹ Crore unless stated

Crore unless stated							
Particulars	Q3 FY24	Q3 FY23	Var	YTD FY24	YTD FY23	Var	Quarter Variance Remarks
Purchase (MUs)	2,228	2,116	112	8,449	8,562	(113)	
Sales (MUs)	2,096	1,987	109	7,947	8,018	(71)	
Revenue Per Unit	9.68	10.75	(1.07)	9.13	9.40	(0.3)	
PPC Per Unit	6.80	8.00	1.20	6.73	7.80	1.1	
AT&C losses (%)	6%	7%	1%	6%	7%	1%	
Financials							
Operating Income	2,029	2,136	(107)	7,252	7,537	(285)	Lower power prices partially offset with higher MUs sold
Power Purchase	1,514	1,611	97	5,689	5,927	<i>238</i>	
Other Operating Exp.	209	225	16	637	681	44	
Operating Exp.	1,723	1,836	113	6,326	6,608	282	
Operating Profit	306	300	6	926	929	(3)	
Other Income	19	29	(10)	61	72	(11)	IT Refund received in PY
EBITDA	325	328	(3)	988	1,001	(13)	
Interest cost	66	72	6	213	218	5	
Depreciation	98	94	(4)	291	282	(9)	Higher capitalisation
PBT	161	162	(1)	483	501	(18)	
Tax	53	55	2	152	160	8	
PAT	109	107	1	332	341	(9)	

Q3 FY24 Odisha Discoms – Highlights



₹ Crore unless stated

Particulars	TPC	ODL	TPS	ODL	TPW	ODL	TPNO	DDL
	Q3 FY24	Q3 FY23						
Purchase (MUs)	2,562	2,153	1,007	978	3,137	3,487	1,603	1,533
Sales (MUs)	2,043	1,620	717	746	2,607	2,875	1,344	1,342
Revenue per unit	6.0	6.2	6.8	6.7	6.4	5.7	6.1	5.9
Power Cost per unit	3.2	3.2	2.3	2.5	4.4	4.0	3.5	3.5
Actual Technical losses (%)	20%	25%	29%	24%	17%	18%	16%	12%
Actual AT&C losses (%)	15%	19%	25%	24%	11%	14%	8%	9%
Vesting order Target AT&C (%)	22%	24%	26%	26%	19%	20%	19%	19%
Income from Operation	1,273	1,058	490	503	1,761	1,686	871	849
EBITDA	107	35	54	33	94	47	109	97
PAT	19	(32)	1	(3)	17	27	26	43

YTD FY24 Odisha Discoms – Highlights



₹ Crore unless stated

Particulars	TPC	ODL	TPS	ODL	TPW	ODL	TPN	ODL
	YTD FY24	YTD FY23						
Purchase (MUs)	8,854	7,768	3,305	3,244	9,508	9,831	5,449	4,876
Sales (MUs)	6,910	5,884	2,448	2,465	7,842	7,948	4,640	4,026
Revenue per unit	5.7	5.8	6.5	6.4	6.2	5.7	5.8	5.7
Power Cost per unit	3.3	3.2	2.3	2.5	4.4	3.9	3.6	3.5
Actual Technical losses (%)	22%	24%	26%	24%	18%	19%	15%	17%
Actual AT&C losses (%)	24%	26%	31%	29%	18%	23%	13%	17%
Vesting order Target AT&C (%)	22%	24%	26%	26%	19%	20%	19%	19%
Income from Operation	4,091	3,578	1,581	1,571	5,175	4,682	2,850	2,452
EBITDA	286	168	196	113	288	153	321	185
PAT	27	(21)	32	24	67	50	91	54

RE Generation*



₹ Crore unless stated

Particulars	Q3 FY24	Q3 FY23	Var	YTD FY24	YTD FY23	Var	Quarter Variance Remarks
Capacity - Total (MW)	4,261	3,908	353	4,261	3,908	353	
Capacity - Wind (MW)	1,019	928	92	1,019	928	92	
Capacity - Solar (MW)	3,242	2,981	261	3,242	2,981	261	
Generation (MUs)	1,733	1,608	125	6,031	5,313	718	
Sales (MUs)	1,715	1,585	130	5,943	5,237	706	
Avg PLF (%) - Solar	20.8%	21.3%	-0.5%	22.2%	21.8%	0.4%	
Avg PLF (%) - Wind	11.8%	10.4%	1.5%	22.3%	21.3%	1.0%	
Financials							
Operating Income	740	704	36	2,589	2,415	174	Higher wind PLF's and new capacity additions
Operating Expenses	172	156	(16)	504	435	(69)	
Operating profit	568	547	21	2,085	1,980	105	
Other income	45	106	(61)	163	163	(0)	
EBITDA	614	654	(40)	2,247	2,143	105	
Interest cost	295	299	5	959	853	(105)	
Depreciation	251	231	(20)	741	703	(38)	
PBT	68	123	(55)	547	586	(39)	
Tax	15	32	17	106	137	31	
PAT	54	92	(38)	441	449	(8)	

^{*}All renewable generation companies including WREL (Walwhan) and CSL (Chirasthayee Solar Limited)



Tata Power Solar Systems Limited – Highlights



₹ Crore unless stated

Particulars	Q3 FY24	Q3 FY23	Var	YTD FY24	YTD FY23	Var	Quarter Variance Remarks
Operating Income	4,037	1,430	2,607	7,439	3,918	3,521	Higher execution of group captive and large projects
Operating expenses	3,836	1,334	(2,502)	7,070	3,685	(3,385)	
Operating profit	202	96	106	369	233	136	
Other income	2	0	2	27	3	24	
EBITDA	203	96	107	395	236	159	
Margin	5.0%	6.7%		5.3%	6.0%		
Interest cost	24	13	(11)	70	90	20	Higher forex gains in PY
Depreciation	16	16	(0)	49	47	(2)	
PBT	163	67	96	277	99	178	
Tax	42	17	(25)	71	32	(39)	
PAT	120	49	71	205	67	138	
Margin	3.0%	3.4%		2.8%	1.7%		



Renewables - Consolidated View



₹ Crore unless stated

Key Parameters - Renewables	Q3 FY24	Q3 FY23	YTD FY24	YTD FY23	Var
Revenue	2,484	1,916	6,718	5,610	20%
EBITDA	758	762	2,478	2,276	9%
PAT	138	144	564	450	25%
Gross Debt	17,588	16,603	17,588	16,603	6%
Net Debt	16,278	14,546	16,278	14,546	12%
Net Worth	12,662	10,015	12,662	10,015	26%



Regulated - Equity And Assets



₹ Crore unless stated

Particulars	Q3 FY24	Q2 FY24	Q1 FY 24	Q4 FY 23	Q3 FY 23
Regulated Equity					
Mumbai Operation	4,673	4,661	4,642	4,639	4,394
Jojobera	548	548	548	542	542
Tata Power Delhi Distribution (100%)	1,961	1,953	1,945	1,931	1,861
TP Central Odisha Dist Ltd (100%)	590	590	590	590	504
TP Southern Odisha Dist Ltd (100%)	369	369	369	369	248
TP Western Odisha Dist Ltd (100%)	480	480	480	480	360
TP Northern Odisha Dist Ltd (100%)	398	398	398	398	295
Maithon Power Limited (100%)	1,673	1,684	1,684	1,666	1,671
Industrial Energy Limited (100%)	715	721	718	718	718
Powerlinks Transmission (100%)	468	468	468	468	468
Total	11,875	11,872	11,842	11,801	11,061
Regulated Assets (As per financial books)					
Mumbai Operation	3,797	3,550	3,384	3,500	3,193
Jojobera	76	(16)	(6)	(9)	(4)
Tata Power Delhi Distribution (100%)	5,532	5,700	6,117	6,139	6,106
TP Central Odisha Dist Ltd (100%)	(96)	(72)	(4)	83	(22)
TP Southern Odisha Dist Ltd (100%)	486	405	344	298	284
TP Western Odisha Dist Ltd (100%)	(969)	(1,099)	(1,171)	(1,227)	(1,234)
TP Northern Odisha Dist Ltd (100%)	(22)	(31)	(18)	(8)	20
Maithon Power Limited (100%)	(300)	(297)	(291)	(255)	(248)
Total	8,505	8,140	8,355	8,521	8,095

Key Segments - Debt Profile



₹ Crore unless stated

Company		Total Gro	ss Debt (L	Quarterly movement Remarks		
Company	Q3 FY24	Q2 FY24	QoQ	Q3 FY23	YoY	Quarterly movement Kemarks
Tata Power (Standalone)	20,296	21,385	(1,089)	21,200	(904)	
Maithon	1,440	1,640	(200)	1,638	(197)	
Coal SPVs + TPIPL	4,263	4,442	(179)	5,275	(1,013)	
TPREL & Subsidiaries (Excl. TPSSL & WREL)	13,913	12,470	1,443	11,940	1,973	Capex for additional capacities
WREL	3,206	3,363	(157)	3,712	(506)	
TPSSL	469	490	(21)	951	(482)	
TPDDL	1,927	2,175	(248)	2,614	(686)	
Odisha DISCOMs	2,471	2,262	209	2,082	389	
Others	114	131	(17)	74	41	
Total Debt	48,100	48,358	(258)	49,484	(1,384)	



Tata power - Debt Profile



₹ Crore unless stated

Particulars	Consolidated							
Particulars		Q3 FY24	Q2 FY24	Q3 FY23				
	Rupee	Forex	Total	Total	Total			
Long term	32,003	2,649	34,652	33,129	28,592			
Short term	6,052	852	6,904	7,859	12,289			
Current Maturity of LT	5,711	832	6,543	7,370	8,603			
Total Debt			48,099	48,358	49,484			
Less: Cash & Cash Equivalents			8,719	10,773	9,529			
Less: Debt against dividend in Coal SPVs			781	976	1,824			
Net External Debt			38,599	36,609	38,131			
Networth			37,016	35,817	31,063			
Net Debt to Equity			1.04	1.02	1.23			