

November 8, 2023

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

BSE Limited Corporate Relationship Department 1st Floor, New Trading Ring Rotunda Bldg., P. J. Towers Dalal Street, Fort Mumbai – 400 001. <u>Scrip Code</u>: **500400**

Dear Sirs,

Presentation to Analysts

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 half year ended September 30, 2023.

Yours faithfully, For The Tata Power Company Limited

(H. M. Mistry) Company Secretary FCS 3606

Encl: As above



TATA POWER

The Tata Power Company Limited Registered Office Bombay House 24 Homi Mody Street Mumbai 400 001 Tel 91 22 6665 8282 Fax 91 22 6665 8801 Website : www.tatapower.com Email : tatapower@tatapower.com CIN : L28920MH1919PLC000567



The Tata Power Company Limited

Lighting up lives

FINANCIAL RESULTS - Q2 FY24

8 NOV 2023



Disclaimer

This document does not constitute or form part of and should not be construed as a prospectus, offering circular or offering memorandum or an offer to sell or issue or the solicitation of an offer to buy or acquire securities of the Company or any of its subsidiaries or affiliates in any jurisdiction or as an inducement to enter into investment activity. No part of this document, nor the fact of its distribution, should form the basis of, or be relied on in connection with, any contract or commitment or investment decision whatsoever. This document is not financial, legal, tax or other product advice.

This presentation should not be considered as a recommendation to any investor to subscribe for, or purchase, any securities of the Company and should not be used as a basis for any investment decision. This document has been prepared by the Company based on information available to them for selected recipients for information purposes only and does not constitute a recommendation regarding any securities of the Company. The information contained herein has not been independently verified. No representation, warranty or undertaking, express or implied, is made as to, and no reliance should be placed on, the fairness, accuracy, completeness or correctness of the information or the opinions contained herein. None of the Company or any of its affiliates, advisors or representatives shall have any liability whatsoever (in negligence or otherwise) for any loss howsoever arising from any use of this document or its contents or otherwise arising in connection with the document. Furthermore, no person is authorized to give any information or make any representation, which is not contained in, or is inconsistent with, this presentation. Any such extraneous or inconsistent information or representation, if given or made, should not be relied upon as having been authorized by or on behalf of the Company.

The Company may alter, modify or otherwise change in any manner the contents of this presentation, without obligation to notify any person of such revision or changes. This document is given solely for your information and for your use and may not be retained by you nor may this document, or any portion thereof, be shared, copied, reproduced or redistributed to any other person in any manner. The distribution of this presentation in certain jurisdictions may be restricted by law. Accordingly, any person in possession of this presentation should inform themselves about and observe any such restrictions. By accessing this presentation, you acknowledge that you will be solely responsible for your own assessment of the market and the market position of the Company and that you will conduct your own analysis and be solely responsible for forming your own view of the potential future performance of the business of the Company.

The statements contained in this document speak only as at the date as of which they are made, and the Company expressly disclaims any obligation or undertaking to supplement, amend or disseminate any updates or revisions to any statements contained herein to reflect any change in events, conditions or circumstances on which any such statements are based. By preparing this presentation, none of the Company, its management, and their respective advisers undertakes any obligation to provide the recipient with access to any additional information or to update this presentation or any additional information or to correct any inaccuracies in any such information which may become apparent.

This document has not been and will not be reviewed or approved by a regulatory authority in India or by any stock exchange in India. This document and its contents should not be forwarded, delivered or transmitted in any manner to any person other than its intended recipient and should not be reproduced in any manner whatsoever.

This presentation is not an offer of securities for sale in the United States. Securities may not be offered or sold in the United States absent registration, or an exemption from registration, under the U.S. Securities Act of 1933, as amended. Any public offering in the United States may be made only by means of an offering circular that may be obtained from the Company and that will contain detailed information about the Company and management, as well as financial statements.

This presentation contains forward-looking statements based on the currently held beliefs and assumptions of the management of the Company, which are expressed in good faith and, in their opinion, reasonable. Forward-looking statements involve known and unknown risks, uncertainties and other factors, which may cause the actual results, financial condition, performance, or achievements of the Company or industry results, to differ materially from the results, financial condition, performance or achievements due to a number of factors, including future changes or developments in the Company's business, its competitive environment, information, technology and political, economic, legal and social conditions in India. Given these risks, uncertainties and other factors, recipients of this document are cautioned not to place undue reliance on these forward-looking statements. In addition to statements which are forward looking by reason of context, the words 'anticipates', 'believes', 'estimates', 'may', 'expects', 'plans', 'intends', 'predicts', or 'continue' and similar expressions identify forward looking statements.



Agenda

- About Tata Power
- 10 Sustainability: Manifesting a Greener Tomorrow
- 16 Industry Highlights
- 20 Business Highlights
- 27 Operational & Financial Highlights
- 33 Annexures

Late we



About Tata Power



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) 	 asset of 17 M Maharashtra 2002:Takes c of Delhi, later TPDDL a JV Power (51%) Government 2003:Tata Pc JV with Powe Corporation c to develop a transmission electricity fror 	 Corrasse pover distribution renamed as between Tata and Delhi (49%) Ourit Pow com Unit Pow com Unit Pow com India (PGCIL), 1,200 Km long line to bring m Bhutan to Delhi 	nissioned first solar of 3 MW at Mulshi rashtra of 525MW Maithon r Limited (MPL) nissioned	stake in Ar US\$401Mr 2015:Com 126MW Da Power Cor Bhutan	t to sell 30% outmin for missions the agachhu Hydro poration in	acquires 75.0 stake of Pray Generation L Announces s African JV C US\$84mn Tata Power v installation of largest floatir Kayamkulam	vagraj Þower Limited (PPGCL) sale of South ennergi for wins bid for f 105MWp ng solar plant in h, Kerala	TPSODL fo between Ta (51%) and (Governmen	stern estern and disha. PWODL and rmed as JV ta Power Odisha t (49%)	 TPREL received second tranche of ₹2,000 Cr and issued compulsorily convertible preference shares (CCPS) which will result in further dilution of 5.37% equity stake TPREL receives LoA for 966MW Hybrid RE Project from Tata Steel Tata Power signs MoU with Maha Govt. for development of 2.8GW of Pumped Storage Project (PSP) 4.3GW Cell & Module Plant achieved First Module Out (FMO) in October 2023
 each and 4th t 150 MW capa commissioned 1977: 150MW storage at Bhi 1984: 500 MV established at supply uninter Mumbai 1991: 1st Sola manufacturing up by Tata Po 	hits of 62.5 MW hermal unit of acity at Trombay d / pumped ira upgraded V-5th Unit t Trombay, to rrupted supply to ar cell g capacity is set wer Solar ted (TPSSL) in	 2007 2011 Tata Power completes acquisition of 30% stake Indonesian Coal Mines: Kaltim Prima Coal (KPC) Arutmin & Indo Coal for US\$1.15Bn Tata Power - Mundra sig PPA with 5 states (Gujar Maharashtra, Punjab, Haryana & Rajasthan) Industrial Energy Limited (IEL), a JV formed betwee Tata Power (74%) and T Steel (26%) to meet pow requirements for Tata St 	n unit of 525 M 2013:5 units each at Mur commission super critica India t, 2013:Tata p 26% share i coal mine P Suksessara for US\$ 152 ta	s of 800 MW odra UMPP ed, the first I technology in ower acquires n the Indonesian T Baramulti na Tbk (BSSR)	 2016:Acquir operational Welspun, re Walwhan R Energy Ltd 2016:Resur formed by T ICICI Ventu stressed as Power Sect holds 26% s Resurgent F 2017:Tata F Distribution is formed to 	enewable (WREL). gent Power JV ata Power and re to acquire sets in Indian or. Tata Power stake in Power"	 Tata Power set US\$ 213Mn Tata Sons infus raise promoter from 37% Completed sale business to Tata Systems Ltd. fo Tata power tak distribution in C TPCODL former 	se ₹ 2,600 Cr; holding to 47% e of Defence ta advanced or ₹ 1,076 Cr. es over Central Odisha ed as JV Power (51%) and	Energy Lir enters into raise ~₹4 million) Cr to a conso and Mubaa tranche of • Resurgent acquisition NRSS XX Ltd. and S	ated into er er Renewable mited (TPREL) o an agreement to 4,000 (US\$ 525 by issuing shares ortium of Blackrock dala; received first ~₹2,000 Cr. t announces n of 100% stake in XVI Transmission

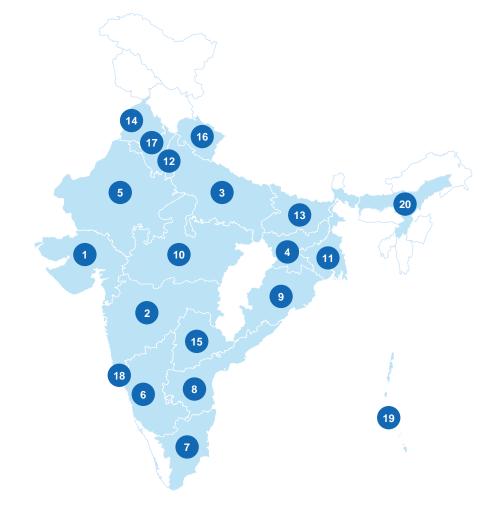
... to become India's most Vertically Integrated Power Company

₹ Crore unless stated TATA POWER COMPANY LIMITED (TPCL) H1FY24 PAT" Revenue **EBITDA** Net Debt 36,609 30,446 6,092 2,158 **ELIMINATIONS/OTHERS THERMAL GENERATION, COAL & HYDRO RENEWABLES^ TRANSMISSION & DISTRIBUTION** (INCL. CORPORATE TAXES, EXPENSES AND INTEREST) Revenue **EBITDA** PAT Revenue **EBITDA** PAT Revenue **EBITDA** PAT **EBITDA** PAT Revenue 9,800 2,107 1,370 4,235 1,721 426 18,731 2,180 683 (2,320)84 (321)BUSINESS THERMAL CAPACITY FUEL STAKE RENEWABLES CAPACITY DISTRIBUTION LICENSE CUSTOMERS STAKE ENTITY STAKE MODEL Mundra 4,150 MW Coal 100% Solar Power 3.191 MW Mumbai 0.76 Mn 100% Tata Projects EPC 31% Trombay 930 MW Coal/Gas 100% Tata Power Delhi (TPDDL) Wind Energy 1.007 MW 2.00 Mn 51% Communication Nelco 50% Maithon (MPL) 1,050 MW Coal 74% Odisha 9.44 Mn 51% UNDER CONSTRUCTION CAPACITY Corporate Prayagraj (PPGCL)* 1,980 MW Coal 20% DISTRIBUTION CUSTOMERS STAKE Solar Power 1.460 MW^^ Joiobera 428 MW Coal 100% FRANCHISE Hvbrid 2.300 MW Haldia 120 MW Coal 100% Aimer (TPADL) 0.16 Mn 100% EV CHARGING POINTS Coal/ IEL 483 MW 74% WHRS Public 4.932 POWER TRADING COMPANY STAKE Rithala 108 MW Gas 51% Home 61.959 TPTCL 100% PT CKP 54 MW Coal 30% E-Bus 464 TRANSMISSION CIRCUIT KM STAKE INDONESIA COAL MINES, SHIPPING & INFRA TATA POWER SOLAR SYSTEMS LIMITED (TPSSL) Mumbai 1.264 100% PARTICULARS CAPACITY STAKE Powerlinks 2,328 51% CAPACITY/ Kaltim Prima (KPC) 60 MT 30% SEUPPTCL 789 26% PARTICULARS ORDER BSSR & AGM 18 MT 26% 1.5 BOOK NRSS XXXVI 26% NTP (Coal Infra) 30% UNDER CONSTRUCTION Utility Scale Solar EPC ₹15.870 Cr TERPL (Coal Shipping) 100% SEUPPTCL 754 26% Rooftop EPC & Group Captive ₹2,872 Cr CAPACITY NRSS XXXVI 151.5 HYDRO STAKE 26% Cell & Module Capacity 530 & 682 MW Bhira 300 MW 100% TP SOLAR: UNDER CONSTRUCTION CAPACITY Bhivpuri 75 MW 100% Cell & Module 4,300 MW Khopoli 72 MW 100% (each) Dagachhu 126 MW 26% 120 MW Itezhi Tezhi 50% JVs and Associates Standalone Divisions Subsidiary 187 MW Adjaristsgali 50%

* 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 93.94% stake in Renewables (TPREL). CCPS has been issued which will result in further dilution of 5.37% equity stake in TPREL (*15 MW is for IEL



Generation assets located across India...



PARTICULARS	DOMESTIC CAPACITY (MW)
1. Gujarat	5,013.5
2. Maharashtra	2,252.8
3. Uttar Pradesh	2,082.1
4. Jharkhand	1,736.4
5. Rajasthan	740.2
6. Karnataka	620.0
7. Tamil Nadu	379.3
8. Andhra Pradesh	314.6
9. Odisha	242.9
10. Madhya Pradesh	174.0
11. West Bengal	123.0
12. Delhi	111.2
13. Bihar	41.0
14. Punjab	36.0
15. Telangana	17.5
16. Uttarakhand	6.6
17. Haryana	1.5
18. Goa	0.7
19. Andaman & Nicobar	0.2
20. Assam	0.2
Grand Total	13,894

Capacity Mix (Domestic + International)

14,381 MW Total
880 MW Hydro
835 MW Wind

8,860 MW

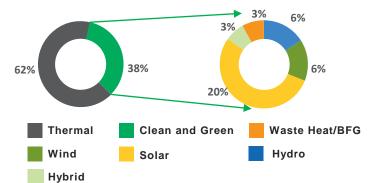
443 MW Waste Heat Recovery /BFG

2,966 MW Solar

397 MW

Hybrid

Distribution of installed capacity (Domestic & International)





2

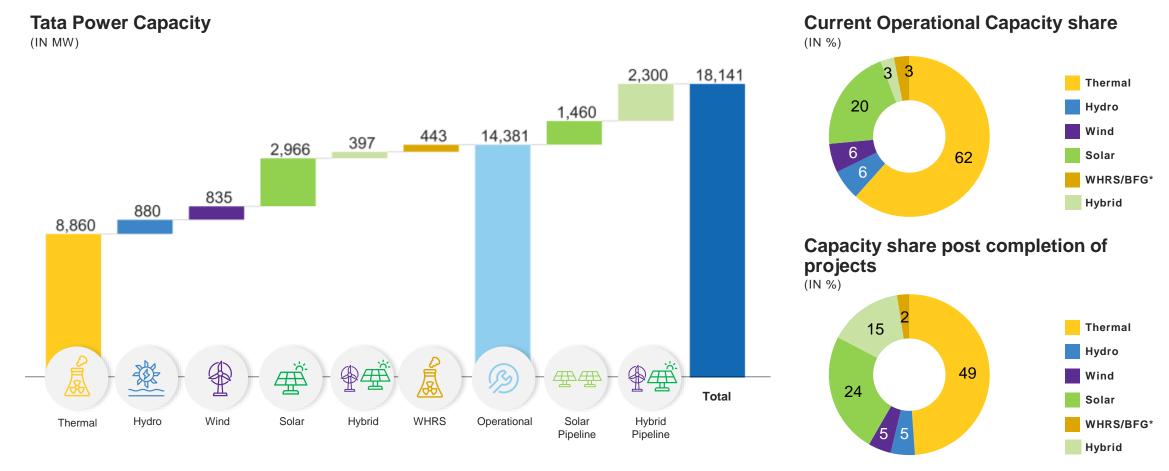
4

... as well as a few Global locations

PAI	RTICULARS	SUM OF PRESENT CAPACITY (MW)
1.	Dagachhu, Bhutan (Hydro)	126
2.	Adjaristsqali, Georgia (Hydro)	187
3.	PT CKP, Indonesia (Thermal)	54
4.	Itezhi Tezhi (ITPC), Zambia (Hydro)	120
Gra	and Total	487



Clean & Green to account for ~51% capacity post project completion



*WHRS: Waste Heat Recovery System BFG: Blast Furnace Gas



Sustainability: Manifesting a Greener Tomorrow



Carbon Net Zero BEFORE 2045



Water Neutral BEFORE 2030

Zero Waste to Landfill BEFORE 2030

ΤΛΤΛ



Tata Power's Sustainability Aspirations

Meaningful improvement in ESG ratings

		REPORT / FINANCIAL YEAR	2022	2021	2020	2019	2018
	 Improve Sustainability Disclosures and get listed in DJSI 	CDP – Climate Change	В	С	С	D	D
	Emerging Markets list by 2027	CDP – Water	В	В	С	F	F
h+	Inclusion in S&P Global Emerging Market	DJSI	67	67	-	48	15
able ups) by	List by 2027	MSCI	BBB	BB	BB	BB	BB
		Sustainalytics*	41.2	38.6	-	-	-
/ 2028		*In Apr-23, Sustainaly	tics ESC	G Rating	has im	proved to	o 40.9



- 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

ESG Performance @Tata Power

PARTICULARS	DESCRIPTION	BASELINE		TARGET		ON GOING ACTIONS	
PARTICULARS	DESCRIPTION	VALUE	YEAR	VALUE	YEAR	ON GOING ACTIONS	
	Clean & Green Portfolio	16%*	2015	70%	2030	 38% RE portfolio as on 30th September 2023 	
ENVIRONMENT	Net Zero (Absolute Carbon Emissions)	38.9 Million Tonnes	2023	100%	2045	 SBTi Commitment under validation Clean and Green 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 reduction 17% Rain Water Harvesting 80% by offsets 	
	Zero Waste to Landfill	5.96 Million Tonnes				Waste utilisation of Ash	
	Total Non HW Waste (including Ash)	20 5.8 Million Tonnes		100%	2030	 Waste Management Plan for biodegradable waste, plastic, and e- waste 	
	Education	1.6 Million beneficiaries	2023	3.5 Million	2028	 CSR initiatives made a positive impact on 3.7 million lives across 17 Indian states during FY2023 	
	Employability & Employment	39,156 beneficiaries	2023	2.0 Million	2028	• ₹ 50 Cr CSR spend in FY2023	
SOCIAL	Entrepreneurship	26,170 beneficiaries 2023		100,000	2028		
	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



Strong Governance Framework

Sustainability Framework- Governance

Tata Power has a well-established sustainability governance structure to benchmark, implement, and monitor sustainability aligned decisions and actions. The CSR and Sustainability Committee at Board level guides strategy and the Apex Leadership Team enables impactful implementation.

CSR & Sustainability Committee Strengthened sustainability governance structure by including Board-level Committee to oversee ESG Issues, Strategy and implementation

Apex Leadership Oversight on and endorsement of sustainability strategy

> SBU Heads Guidance and advice

Corporate Sustainability Team Framing Sustainability policies and driving sustainability performance

Sustainability SPOCS (Thermal, T&D, Hydros, Renewables, HR, CSR, Ethics, IA&RM, Environment, etc.) Driving and reporting sustainability performance

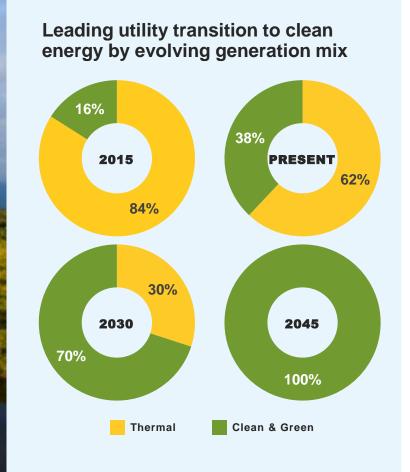
	Leadership and Oversight on Sustainability	Advocacy	Institutional Structures and Systems
	LEADERSHIP WITH CARE	INITIATIVES THAT ARE	BASED ON, AND ARE ENCOMPASSING
S	Care for our environment (society at large) Environment conservation Efficient use of energy Investment in green technology 	What needs to be done (mater	ial to both, 5 stakeholders and us)
02	Care for our shareholders and customers	What we are good at doing and	d is linked to our business objectives
AND IN THE REAL PROPERTY OF THE PROPERTY OF TH	Care for our community	What we should take up as na	ional thrust areas for development
	Care for our people	What we should define as our	standards, from compliance, to competing, to leading
	New technology	Going beyond compliance	Architecture of Care



Transitioning to non-fossil fuel-based generation by FY 2045

Leading utility transition to clean energy by Evolving generation mix

- Over 38% of Tata Power's generating capacity comes from clean and green energy sources like solar, wind and hydro. We are facilitating this clean energy transition through new technology adoption in collaboration with our customers and partner.
- We aim to phase-out of all coalbased generation and become Carbon net zero before 2045.





Empowering Communities



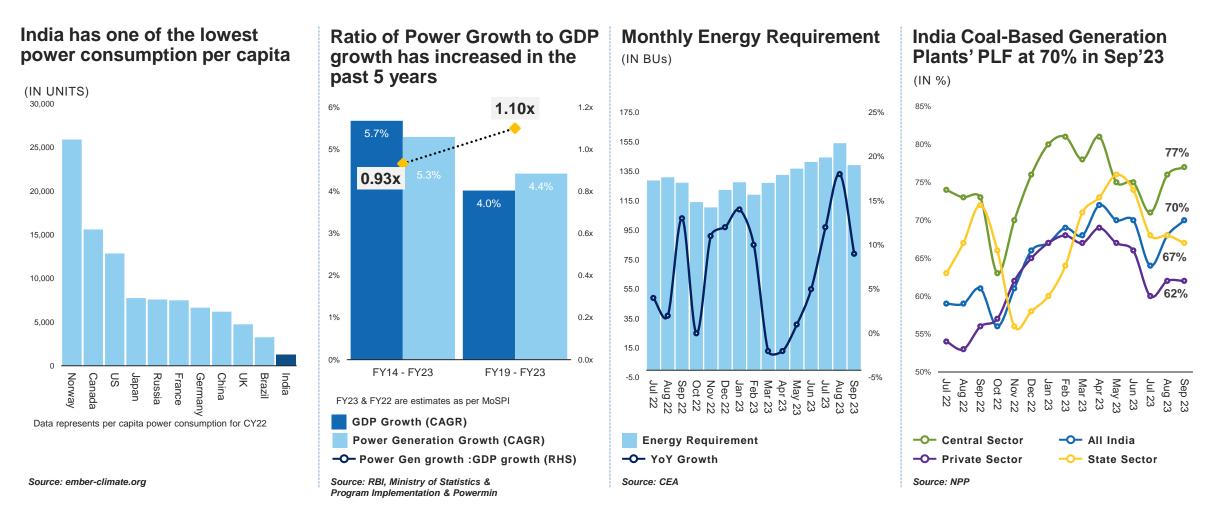
"Source: https://www.futurescape.in/responsible-business-rankings/ | https://thecsrjournal.in/top-100-companies-india-csr-sustainability-2021/



Industry Highlights

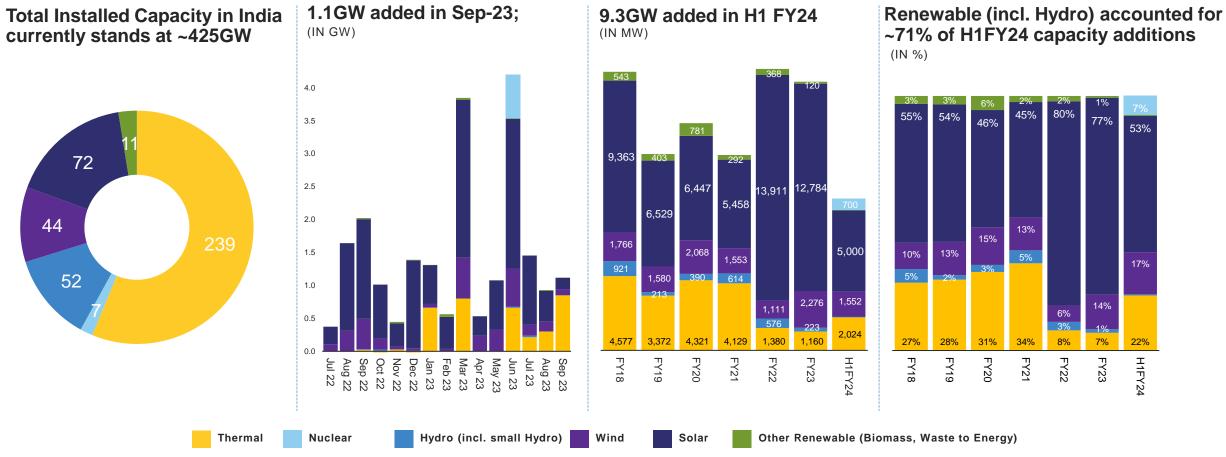


Power Demand has surged in Q2FY24 (up 13% Y-o-Y)





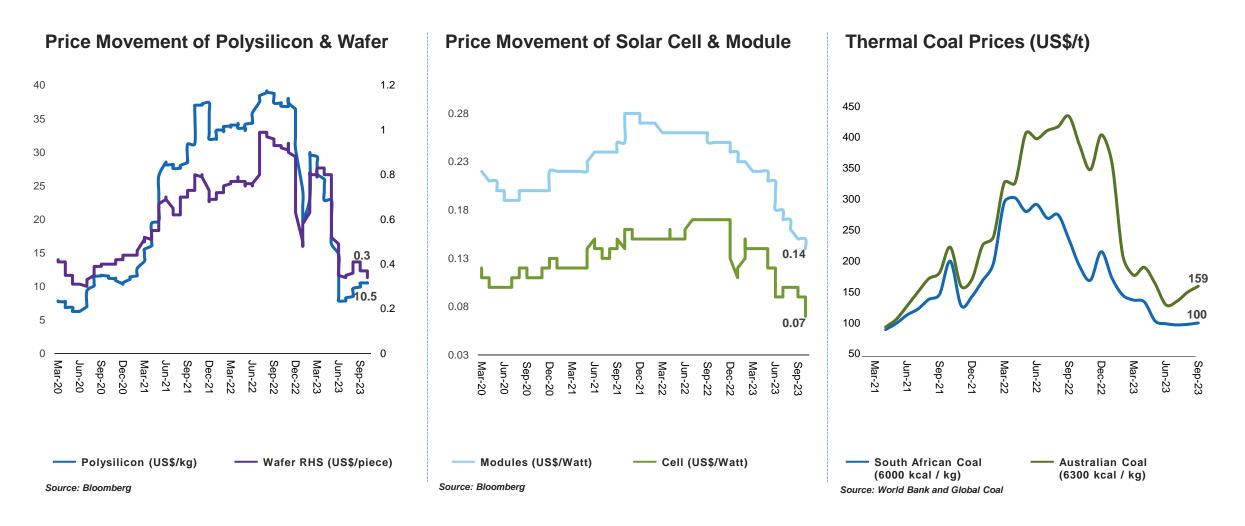
RE continues to account for bulk of the Capacity additions in India



Source: Central Electricity Authority



Cell and Module prices continue to correct; Coal has stabilised





Business Highlights



Q2 FY24 Highlights



TP Solar secures USD 425 Mn financing from US Development Finance Corporation (DFC) for 4.3 GW Cell & Module manufacturing plant

ITPC (Itezhi Tezhi Power Corporation) tariff issue resolved and old dues of USD 102 Mn received from ZESCO (Zambia Electricity Supply Corporation) Tata Power signs MoU with the Government of Maharashtra for Development of 2800 MW of Pumped Hydro Storage Projects (PSP). 1800 MW Pumped Hydro Storage Project to be located at Shirawata, Pune district and 1,000 MW PSP at Bhivpuri, Raigad district TPREL signed Power Delivery Agreement (PDA) with Mukand Limited (Bajaj Group), for 44 MW AC Group Captive Solar plant



EPC business currently has an order book of 3,688 MW worth ₹15,870 Cr (58% is third party EPC) TPSSL signed a MoU with SIDBI to offer an easy financing option for MSMEs. MSMEs that are willing to opt for Rooftop Solar PV Plant will be financially supported by SIDBI under the scheme Moody's has upgraded Tata Power's Credit Rating from Ba2/Stable to Ba1/Stable

Tata Power and Zoom car join hands to offer seamless EV charging infra solutions

Pending sale proceeds of ₹ 230 Cr from Arutmin coal mine divestment received during the quarter



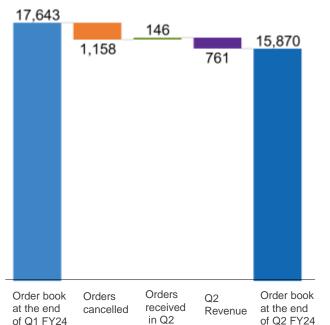


Solar Utility Scale EPC Update



WELL DIVERSIF	
CUSTOMER	ORDER BOOK (₹ CR)
Tata Power Group	6,655
SJVN	3,662
NTPC	1,948
NLC	1,502
NHPC	1,189
SECI	268
NHDC	429
Others	217
Order Book as on 30 th Sep 2023 (₹ Cr)	15,870
Total Capacity as on 30 th Sep 2023 (MW)	3,688

Utility scale EPC Order Book (IN ₹ CRORE)



BUSINESS UPDATES

- Terminated ₹ 1,158 Crore of projects due to unfavourable economics
- New orders of 30MW won in Q2 worth ₹ 146 crores.
- Cumulative new orders won in H1FY24- 230 MW worth ₹1090 crores
- 2.3GW of modules ordered till H1FY24 to benefit from prevailing lower prices



Solar Rooftop and Group Captive – Q2 FY24 Highlights



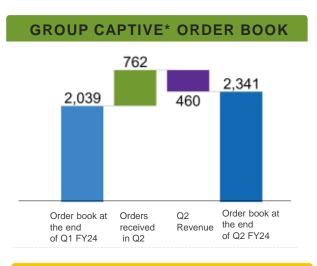
GROUP CAPTIVE*

- Order book as at Q2 FY24 end stands at ₹ 2,341 crore
- Strong traction seen in Group Captive with orders of 161 MW won in Q2 FY24

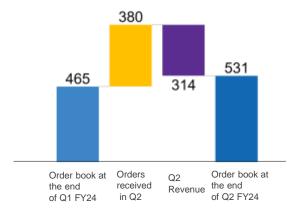
3rd PARTY ROOFTOP

- Order Book at Q2 FY24 end stands at ₹ 531 crore
- Installed 74 MW in Q2 FY24
- Channel network crosses 490+ across 275+ districts

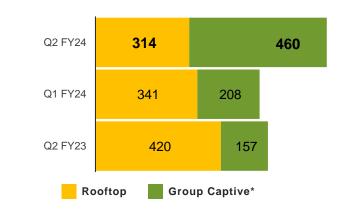
* Inclusive of in-house rooftop projects (<10% of total)

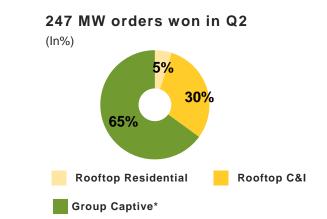


3rd PARTY ROOFTOP ORDER BOOK



Revenue (In ₹ Crore)





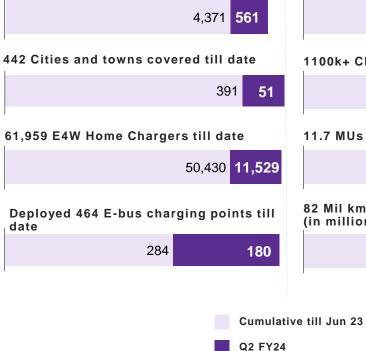


Tata Power – EZ Charge



OPERATIONAL HIGHLIGHTS

4,932 Public & Captive Chargers (energized) till date



EV CHARGING PLATFORM STATISTICS



BUSINESS HIGHLIGHTS

- Collaborated with Kolkata Airport Authority to install EV chargers.
- Strategic tie-up with Zoom Cars to promote EV adoption and an effective charging infrastructure.
- Launch of RFID (Radiofrequency Identification) Cards for smooth customer journey
- Highest ever e-bus charging points deployed in a quarter



Odisha Discoms –Q2 FY24 Highlights

<u> </u>		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)	Q2 FY24	Upto Sep'23	Q2 FY24	Upto Sep'23	Q2 FY24	Upto Sep'23	Q2 FY24	Upto Sep'23
TPCODL	~59,650 smart meters installed till date	Q2 FY24 21% Q2 FY23 23%	44	268	0.3	9	2	206	6	595
TPSODL	~50,570 smart meters installed till date	Q2 FY24 29% Q2 FY23 27%	38	168	0.3	5	15	115	5	257
TPWODL	~98,100 smart meters installed till date	Q2 FY24 19% Q2 FY23 23%	32	209	0.6	4	14	148	8	370
TPNODL	~50,750 smart meters installed till date	Q2 FY24 139 Q2 FY23 12%	46	246	0.7	7	5	115	31	576



4.3 GW Cell and Module Plant - Project Update



Post Lamination Area Installation & Commissioning Completed*

Pre-Lamination Area Completed- Under Trial Run*

*Actual site photos

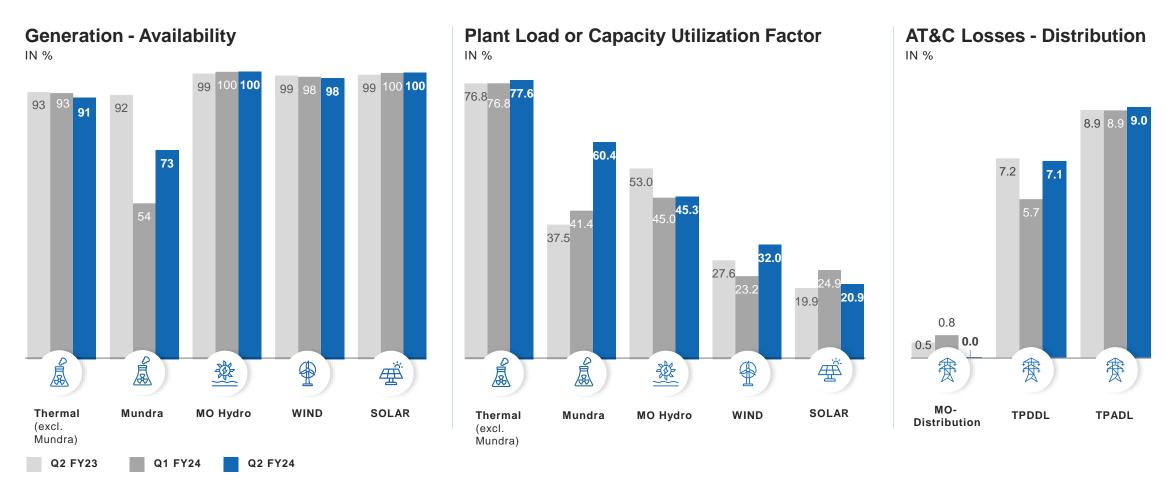


Operational & Financial Highlights

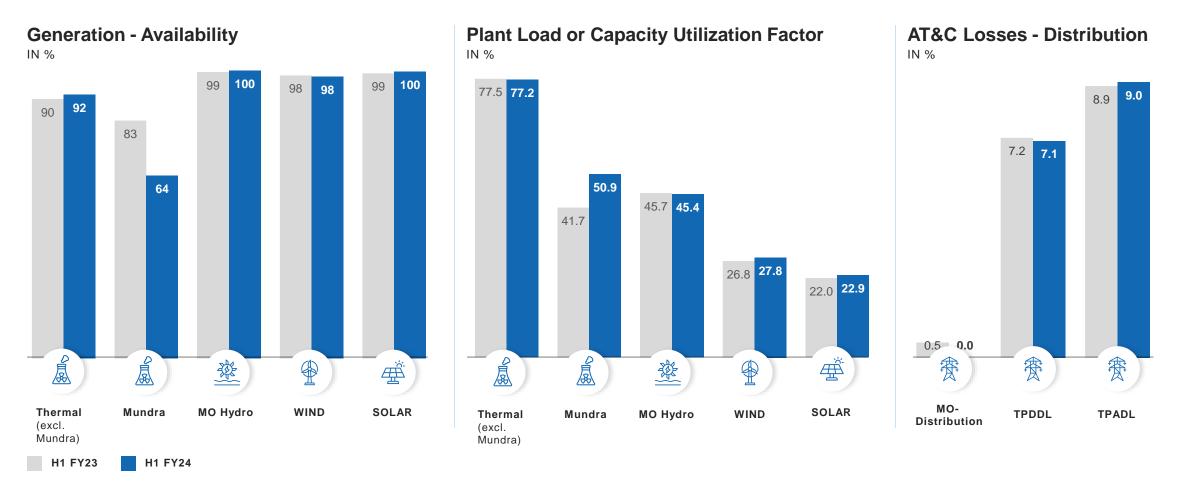
.ÎI

(8

Q2 FY24 Operational Highlights



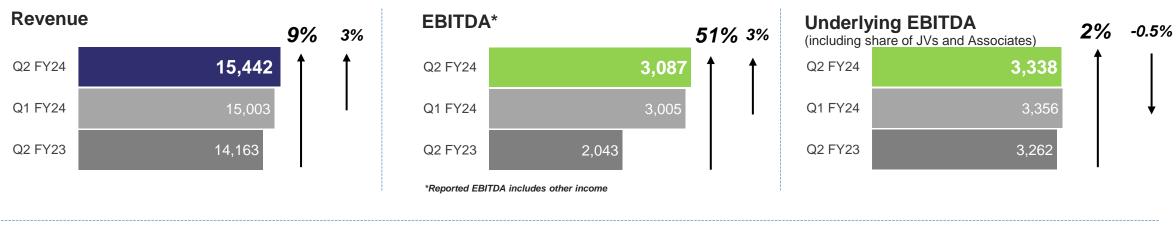
H1 FY24 Operational Highlights

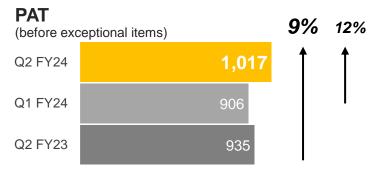


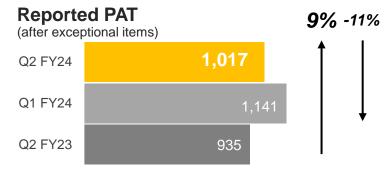


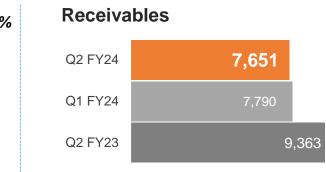
Financial Highlights

Q2 FY24 PAT increased (+9%) for the 16th consecutive time to 1,017 Cr



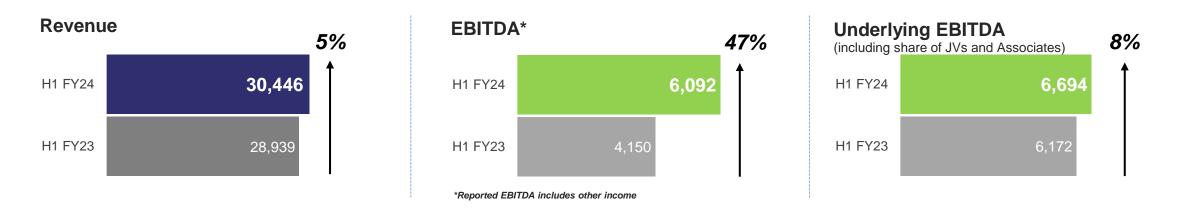


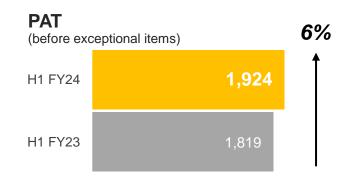


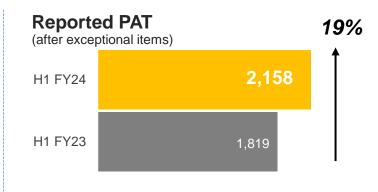


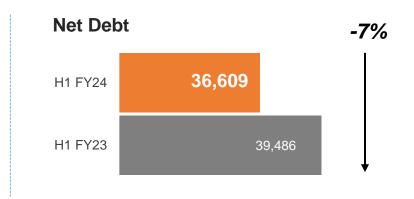
Financial Highlights

Robust fundamentals as core businesses reported highest ever EBITDA in H1FY24









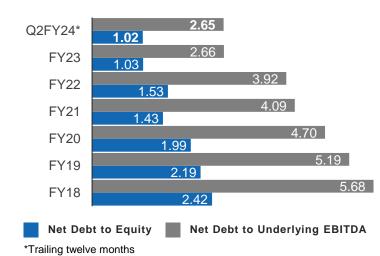


Comfortable Debt Position For Sustainable Growth

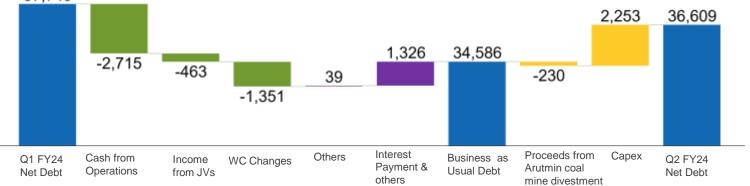
Net Debt



Balance Sheet Continues to Strengthen



Net Debt fell Q-o-Q driven by strong operational cash flows and Working Capital release (IN ₹ CRORE) 37,749



Credit Rating* (Consolidated)	2019-20	2020-21	2021-22	2022-23	Current
CRISIL	AA- /Positive	AA /Stable	AA /Stable	AA /Stable	AA /Stable
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

tatapower.com



Annexures

tatapower.com

Entity-wise Consolidated Performance – Q2 FY24



₹ Crore unless stated

Particulars	Op In	come	EBITI	DA^^	PAT		
	Q2 FY24	Q2 FY23	Q2 FY24	Q2 FY23	Q2 FY24	Q2 FY23	
Consolidated before exceptional items	15,442	14,163	3,087	2,043	1,017	935	
Standalone & Key Subsidiaries							
Tata Power (Standalone)	5,095	4,888	1,336	1,683	410	662	
Maithon Power (MPL) *	761	810	193	191	83	82	
Delhi Discom (TPDDL) **	2,940	2,964	326	332	107	113	
Power Trading (TPTCL)	107	160	24	(6)	17	(6)	
Solar EPC (TPSSL)***	1,910	1,135	128	125	74	50	
Renewable Generation (RE Gencos) ***	916	806	758	694	153	127	
Coal SPVs incl. TPIPL (Investment Companies)	0	(0)	(9)	6	(106)	(171)	
TERPL (Shipping Co)	324	138	126	(8)	96	(29)	
TP Central Odisha Dist Ltd (TPCODL)**	1,412	1,222	109	66	18	3	
TP Southern Odisha Dist Ltd (TPSODL)**	543	547	70	35	11	9	
TP Western Odisha Dist Ltd (TPWODL)**	1,727	1,640	102	102	26	46	
TP Northern Odisha Dist Ltd (TPNODL)**	996	817	110	45	35	4	
Others	229	205	1	9	(16)	(10)	
TOTAL - A	16,961	15,333	3,274	3,272	907	881	
Joint Venture and Associates	_	-	-	-	252	1,219	
TOTAL - B	16,961	15,333	3,274	3,272	1,159	2,100	
Eliminations#	(1,518)	(1,170)	(187)	(1,229)	(141)	(1,166)	
Exceptional Items	-	-	-	-	-	-	
TOTAL - C	15,442	14,163	3,087	2,043	1,017	935	

Previous year numbers are restated

*TPCL stake-74%; **TPCL stake-51%; ***Tata Power currently owns 93.94% stake in Renewables (TPREL). CCPS has been issued which will result in further dilution of 5.37% equity stake in TPREL, # Eliminations include inter-company transactions; ^^ including other income

Entity-wise Consolidated Performance – H1 FY24



₹ Crore unless stated **Op Income** EBITDA^^ PAT **Particulars** H1 FY24 H1 FY23 H1 FY24 H1 FY24 H1 FY23 H1 FY23 Consolidated before exceptional items 30,446 28,939 6.092 4,150 1,924 1,819 Standalone & Key Subsidiaries Tata Power (Standalone) 10,101 10,158 2,822 2,954 857 1,084 Maithon Power (MPL) * 1,611 1.564 487 380 271 162 Delhi Discom (TPDDL) ** 5.745 6,087 663 672 223 234 Power Trading (TPTCL) 150 233 27 (18)40 (20)Solar EPC (TPSSL)*** 85 17 3,402 2,488 192 140 Renewable Generation (RE Gencos) *** 388 357 1.849 1.711 1,602 1.488 Coal SPVs incl. TPIPL (Investment Companies) (17)13 (257)0 (219)0 TERPL (Shipping Co) 392 305 159 50 99 (2) TP Central Odisha Dist Ltd (TPCODL)** 2,817 179 133 10 2,520 9 27 TP Southern Odisha Dist Ltd (TPSODL)** 1,090 1,068 141 80 31 TP Western Odisha Dist Ltd (TPWODL)** 2,996 194 106 49 23 3,414 TP Northern Odisha Dist Ltd (TPNODL)** 1,603 87 66 11 1,979 212 18 454 430 (16)(31)Others 2 TOTAL - A 6,087 33,005 31,163 6,693 1,869 1,616 Joint Venture and Associates 602 2,022 -31.163 TOTAL - B 33.005 6.693 6.087 2,472 3,639 Eliminations# (2,559)(2,225)(601) (1,937)(548)(1,820)235 Exceptional Items TOTAL - C 30,446 28,939 6,092 4.150 2.158 1,819

Previous year numbers are restated

*TPCL stake-74%; **TPCL stake-51%; ***Tata Power currently owns 93.94% stake in Renewables (TPREL). CCPS has been issued which will result in further dilution of 5.37% equity stake in TPREL, # Eliminations include inter-company transactions; ^^ including other income

Cluster-wise Consolidated Performance – Q2 FY24



₹ Crore unless stated EBITDA^^ Particulars **Op Income** PAT Q2 FY24 Q2 FY23 Q2 FY24 Q2 FY23 Q2 FY24 Q2 FY23 **Consolidated before exceptional items** 15,442 14,163 3,087 2,043 1,017 935 Thermal Generation. Coal and Hvdro 4,973 4.833 1.119 394 681 906 191 83 Maithon Power Limited (MPL) * 761 810 193 82 Traditional Generation (incl. Mumbai and Hydro) 235 213 151 1,422 1,725 326 IEL * 26 31 PPGCL *** 17 20 37 32 56 Others (Incl. eliminations#) 34 30 45 2,756 2,269 564 (65) 287 579 Mundra, Coal and Shipping **Renewables** " 2,146 1,603 813 736 186 128 916 694 RE Gencos (Incl. CSL) 806 758 153 127 Solar EPC (TPSSL) 1,910 1,135 128 125 74 50 (83) Others (Incl. eliminations#) (681) (338)(73)(41) (49) T&D 9,454 9.021 1.111 890 353 282 Transmission Mumbai 288 249 206 172 69 55 Powerlinks ** 9 10 -**Distribution and Services** Mumbai 1,057 1,227 153 144 54 51 Odisha ** 4,226 391 248 90 62 4,678 Delhi ** 332 2,940 2,964 326 107 113 Others (T&D incl, TPADL**, TPTCL and eliminations#) 490 354 34 (5) 23 (8) Others (Incl. Tata Projects, Nelco and inter cluster 23 (1,130)(1,295)44 (202)(380)eliminations#) **Consolidated before exceptional items** 15,442 14,163 3,087 2,043 1,017 935 Exceptional items ---**Consolidated after exceptional items** 15.442 14.163 3.087 2.043 1.017 935

Previous year numbers are restated

*TPCL stake-74%; **TPCL stake-51%; ***TPCL stake-20%;" Tata Power currently owns 93.94% stake in Renewables (TPREL). CCPS has been issued which will result in further dilution of 5.37% equity stake in TPREL, # Eliminations include inter-company transactions; ^^ including other income

Cluster-wise Consolidated Performance – H1 FY24



₹ Crore unless stated						
Particulars	Op Inco	ome	EBITD	A^^	PA	Г
	H1 FY24	H1 FY23	H1 FY24	H1 FY23	H1 FY24	H1 FY23
Consolidated before exceptional items	30,446	28,939	6,092	4,150	1,924	1,819
Thermal Generation, Coal and Hydro	9,800	9,959	<u>2,107</u>	853	<u>1,370</u>	1,748
Maithon Power Limited (MPL) *	1,611	1,564	487	380	271	162
Traditional Generation (incl. Mumbai and Hydro)	3,018	3,703	644	513	429	336
IEL *	-	-	-	-	50	62
PPGCL ***	-	-	-	-	32	25
Others (Incl. eliminations#)	66	62	74	64	103	79
Mundra, Coal and Shipping	5,105	4,629	903	(103)	485	1,084
Renewables "	4,235	3,693	<u>1,721</u>	1,513	426	309
RE Gencos (Incl. CSL)	1,849	1,711	1,602	1,488	388	357
Solar EPC (TPSSL)	3,402	2,488	192	140	85	17
Others (Incl. eliminations#)	(1,016)	(506)	(73)	(115)	(47)	(66)
<u>T&D</u>	18,731	17,980	2,180	1,697	683	526
Transmission						
Mumbai	587	498	424	351	138	121
Powerlinks **	-	-	-	-	21	19
Distribution and Services						
Mumbai	2,240	2,671	305	280	106	100
Odisha **	9,300	8,187	726	407	154	71
Delhi **	5,745	6,087	663	672	223	234
Others (T&D incl, TPADL**, TPTCL and eliminations#)	859	536	62	(14)	41	(18)
Others (Incl. Tata Projects, Nelco and inter cluster	(2,320)	(2,694)	84	86	(556)	(764)
eliminations#)						
Consolidated before exceptional items	30,446	28,939	6,092	4,150	1,924	1,819
Exceptional items	-	-	-	-	235	-
Consolidated after exceptional items	30,446	28,939	6,092	4,150	2,158	1,819

Previous year numbers are restated

*TPCL stake-74%; **TPCL stake-51%; ***TPCL stake-20%;" Tata Power currently owns 93.94% stake in Renewables (TPREL). CCPS has been issued which will result in further dilution of 5.37% equity stake in TPREL, # Eliminations include inter-company transactions; ^^ including other income

Tata Power (Consolidated) Performance



₹ Crore unless stated							
Particulars	Q2 FY24	Q2 FY23	Var	H1 FY24	H1 FY23	Var	Quarter Variance Remarks
Operating Income	15,442	14,163	1,279	30,446	28,939	1,507	Higher projects execution, higher PLF in Mundra, higher sales across Odisha Discoms
Operating Expenses	12,647	12,270	(377)	24,917	25,082	165	
Operating Profit	2,795	1,892	903	5,529	3,856	1,673	
Other Income	292	150	142	563	294	269	Higher interest income, partial sale of unit-6 equipments in Trombay
EBITDA	3,087	2,043	1,044	6,092	4,150	1,942	
Interest cost	1,182	1,052	(130)	2,403	2,078	(325)	Higher interest rates
Depreciation	926	838	(88)	1,819	1,660	(159)	Higher T&D capitalization and RE capacity addition
PBT before share of Assoc & JVs	979	153	826	1,869	413	1,456	
Share of Associates & JV's results	252	1,219	(967)	602	2,022	(1,420)	Lower profits from coal companies due to lower coal prices
PBT after share of JV	1,231	1,373	(142)	2,472	2,435	37	
Tax Expenses	213	438	225	548	616	68	Lower taxes on lower dividend
Net Profit before exceptional items	1,017	935	82	1,924	1,819	105	
Exceptional Items (Net of Tax)	-	-	-	235	-	<u>2</u> 35	Deemed dilution gain on Tata Projects
Net Profit for the period *	1,017	935	82	2,158	1819	340	

* As per line item 9 in the SEBI Advt

Tata Power (Standalone) Financial Performance



Particulars	Q2 FY24	Q2 FY23	Var	H1 FY24	H1 FY23		Quarter Variance Remarks
Operating Income	5,095	4,888	207	10,101	10,158	(57)	Higher PLF in Mundra and higher merchant tariffs in Haldia
Operating Expenses	3,994	4,356	362	7,957	9,077	1,120	Decrease in fuel cost
Operating Profit	1,102	532	570	2,144	1,081	1,063	
Other Income	234	1,151	(917)	678	1,873	(1,195)	Lower dividend income received
EBITDA	1,336	1,683	(347)	2,822	2,954	(132)	
Interest cost	588	556	(32)	1,185	1,119	(66)	Higher interest rate
Depreciation	287	286	(1)	577	577	(0)	
PBT	462	841	(379)	1,060	1,258	(198)	
Tax Expenses	52	178	126	204	174	(30)	Lower taxes on lower dividend
PAT (before exceptional items)	410	662	252	857	1,084	(227)	
Exceptional items	-	538	(538)	-	538	(538)	
PAT for the period	410	1,200	(790)	857	1,622	(765)	
* Line no. 9 of advertisement							

Maithon Power Limited - Highlights



₹ Crore unless stated							
Particulars	Q2 FY24	Q2 FY23	Var	H1 FY24	H1 FY23	Var	Quarter Variance Remarks
Generation (MUs)	2,051	2,031	20	4,049	4,030	19	
Sales (MUs)	2,026	2,030	(4)	4,039	3,989	50	
Availability (%) (Plant)	94%	99%	-5%	95%	97%	-2%	
PLF %	89%	88%	1%	88%	87%	1%	
Financials							
Operating Income	761	810	(49)	1,611	1,564	47	Lower fuel cost
Fuel Cost	493	539	46	974	1,037	63	Lower rate
Other operating expense	81	87	6	159	163	4	
Operating profit	187	184	3	478	365	113	
Other Income	6	7	(1)	9	15	(6)	
EBITDA	193	191	2	487	380	107	
Interest cost	29	33	4	59	66	7	
Depreciation	80	68	(12)	149	136	(13)	
PBT	84	90	(6)	279	177	102	
Тах	1	8	7	8	15	7	Reversal of MAT credit
PAT	83	82	1	271	162	109	

Prayagraj Power Generation Co. Ltd. - Highlights



₹ Crore unless stated							
Particulars	Q2 FY24	Q2 FY23	Var	H1 FY24	H1 FY23	Var	Quarter Variance Remarks
Generation (MUs)	3,334	3,353	(19)	6,568	6,376	192	
Sales (MUs)	3,144	3,161	(17)	6,195	6,008	187	
Availability (%)	84%	85%	-1%	86%	80%	6%	
PLF %	76%	77%	-1%	76%	73%	2%	
Financials							
Operating Income	1,237	1,219	18	2,438	2,219	219	Higher merchant sales
Operating expenses	941	946	5	1,849	1,765	(84)	
Operating profit	296	272	24	589	454	135	
Other Income	10	56	(46)	13	124	(111)	Late Payment surcharge received in PY
EBITDA	305	328	(23)	603	578	25	
Interest cost	172	180	8	343	356	13	
Depreciation	50	49	(1)	100	98	(2)	
PAT	83	99	(16)	159	124	35	

Tata Power Delhi Distribution Ltd. - Highlights



₹ Crore unless stated							
Particulars	Q2 FY24	Q2 FY23	Var	H1 FY24	H1 FY23	Var	Quarter Variance Remarks
Purchase (MUs)	3,427	3,258	169	6,222	6,446	(224)	
Sales (MUs)	3,225	3,049	176	5,851	6,031	(180)	
Revenue Per Unit	8.30	9.60	(1.30)	9.70	9.96	(0.3)	
PPC Per Unit	6.31	7.43	1.12	7.51	7.72	0.2	
AT&C losses (%)	7%	7%	0%	7%	7%	0%	
Financials							
Operating Income	2,676	2,742	(66)	5,224	5,401	(177)	Lower power prices
Power Purchase	2,161	2,209	48	4,175	4,316	141	
Other Operating Exp.	215	221	6	428	456	28	
Operating Exp.	2,376	2,430	54	4,603	4,772	169	
Operating Profit	299	312	(13)	621	629	(8)	
Other Income	27	20	7	42	43	(1)	
EBITDA	326	332	(6)	663	672	(9)	
Interest cost	74	75	1	148	146	(2)	
Depreciation	98	94	(4)	193	188	(5)	Higher capitalisation
PBT	155	163	(8)	322	339	(17)	
Тах	48	50	2	99	105	6	
PAT	107	113	(6)	223	234	(11)	

Q2 FY24 Odisha Discoms – Highlights



Particulars	TPCODL		TPS	ODL	TPW	ODL	TPNODL		
	Q2 FY24	Q2 FY23							
Purchase (MUs)	3,090	2,723	1,128	1,097	3,206	3,404	1,938	1,677	
Sales (MUs)	2,423	2,063	847	828	2,638	2,792	1,666	1,337	
Revenue per unit	5.6	5.6	6.4	6.6	6.1	5.7	5.6	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%	25%	24%	18%	18%	14%	20%	
Actual AT&C losses (%)	21%	23%	29%	27%	19%	23%	13%	12%	
Vesting order Target AT&C (%)	22%	24%	26%	26%	19%	20%	19%	19%	
Income from Operation	1,412	1,222	543	547	1,727	1,640	996	817	
EBITDA	109	66	70	35	102	102	110	45	
PAT	18	3	11	9	26	46	35	4	



Particulars	TPCODL		TPS	ODL	TPW	ODL	TPNODL		
	H1 FY24	H2 FY23							
Purchase (MUs)	6,292	5,615	2,298	2,266	6,370	6,344	3,846	3,343	
Sales (MUs)	4,867	4,264	1,731	1,720	5,235	5,072	3,296	2,683	
Revenue per unit	5.6	5.7	6.3	6.2	6.1	5.7	5.7	5.6	
Power Cost per unit	3.3	3.2	2.3	2.5	4.4	3.9	3.6	3.5	
Actual Technical losses (%)	23%	24%	25%	24%	18%	20%	14%	20%	
Actual AT&C losses (%)	28%	29%	33%	32%	22%	28%	15%	15%	
Vesting order Target AT&C (%)	22%	24%	26%	26%	19%	20%	19%	19%	
Income from Operation	2,817	2,520	1,090	1,068	3,414	2,996	1,979	1,603	
EBITDA	179	133	141	80	194	106	212	87	
PAT	9	10	31	27	49	23	66	11	

RE Generation*



ТЛ	TA

₹ Crore unless stated							
Particulars	Q2 FY24	Q2 FY23	Var	H1 FY24	H1 FY23	Var	Quarter Variance Remarks
Capacity - Total (MW)	4,190	3,860	330	4,190	3,860	330	
Capacity - Wind (MW)	1,003	928	76	1,003	928	76	
Capacity - Solar (MW)	3,186	2,932	254	3,186	2,932	254	
Generation (MUs)	2,152	1,813	338	4,298	3,705	593	
Sales (MUs)	2,113	1,783	330	4,227	3,652	575	
Avg PLF (%) - Solar	21%	20%	1%	23%	22%	1%	
Avg PLF (%) - Wind	32%	28%	4%	28%	27%	1%	
Financials							
Operating Income	916	806	110	1,849	1,711	138	Higher PLF's, new capacity additions of 330 MW
Operating Expenses	177	147	(31)	332	279	(53)	
Operating profit	739	660	79	1,517	1,432	85	
Other income	19	34	(15)	85	56	29	
EBITDA	758	694	64	1,602	1,488	114	
Interest cost	323	282	(42)	632	552	(80)	Higher borrowings for capacity addition
Depreciation	251	242	(9)	491	473	(18)	
PBT	184	170	14	479	462	16	
Tax	31	43	12	91	105	14	
PAT	153	127	25	388	357	30	

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

Tata Power Solar Systems Limited – Highlights



₹ Crore unless stated							
Particulars	Q2 FY24	Q2 FY23	Var	H1 FY24	H1 FY23	Var	Quarter Variance Remarks
Operating Income	1,910	1,135	775	3,402	2,488	914	Higher execution of group captive and large projects
Operating expenses	1,783	1,011	(772)	3,235	2,351	(884)	
Operating profit	126	124	2	167	137	30	
Other income	2	0	2	25	3	22	
EBITDA	128	125	3	192	140	52	
Margin	6.7%	11.0%		5.6%	5.6%		Lower margin in-house projects
Interest cost	14	35	21	46	77	31	PY includes higher forex losses
Depreciation	16	16	(0)	33	31	(2)	
PBT	98	74	24	114	32	82	
Tax	24	24	(0)	29	15	(14)	
PAT	74	50	24	85	17	68	
Margin	3.9%	4.4%		2.5%	0.7%		

Renewables – Consolidated View



₹ Crore	e unless stated
---------	-----------------

Key Parameters - Renewables	Q2 FY24	Q2 FY23	H1 FY24	H1 FY23
Revenue	2,146	1,603	4,235	3,693
EBITDA	813	736	1,720	1,515
PAT	186	128	426	309
Gross Debt	16,321	17,193	16,321	17,193
Net Debt	13,585	15,153	13,585	15,153
Net Worth	12,685	11,841	12,685	11,841

Regulated - Equity And Assets



Particulars	Q2 FY24	Q1 FY 24	Q4 FY 23	Q3 FY 23	Q2 FY 23
Regulated Equity					
Mumbai Operation	4,661	4,642	4,639	4,394	4,380
Jojobera	548	548	542	542	522
Tata Power Delhi Distribution (100%)	1,953	1,945	1,931	1,861	1,846
TP Central Odisha Dist Ltd (100%)	590	590	590	504	504
TP Southern Odisha Dist Ltd (100%)	369	369	369	248	248
TP Western Odisha Dist Ltd (100%)	480	480	480	360	360
TP Northern Odisha Dist Ltd (100%)	398	398	398	295	295
Maithon Power Limited (100%)	1,684	1,684	1,666	1,671	1,669
Industrial Energy Limited (100%)	721	718	718	718	690
Powerlinks Transmission (100%)	468	468	468	468	468
Total	11,872	11,842	11,801	11,061	10,982
Regulated Assets (As per financial books)					
Mumbai Operation	3,550	3,384	3,500	3,193	2,908
Jojobera	(16)	(6)	(9)	(4)	1
Tata Power Delhi Distribution (100%)	5,700	6,117	6,139	6,106	5,942
TP Central Odisha Dist Ltd (100%)	(72)	(4)	83	(22)	28
TP Southern Odisha Dist Ltd (100%)	405	344	298	284	210
TP Western Odisha Dist Ltd (100%)	(1,099)	(1,171)	(1,227)	(1,234)	(1,043)
TP Northern Odisha Dist Ltd (100%)	(31)	(18)	(8)	20	5
Maithon Power Limited (100%)	(297)	(291)	(255)	(248)	(253)
Total	8,140	8,355	8,521	8,095	7,797

₹ Crore unless stated

Key Segments - Debt Profile



Company	Total Gross Debt (LT + ST)					Querterly movement Remarks		
Company	Q2 FY24	Q1 FY24	QoQ	Q2 FY23	YoY	Quarterly movement Remarks		
Coal SPVs + TPIPL	4,442	4,610	(168)	5,189	(747)			
TPDDL	2,175	2,245	(70)	2,721	(546)			
TPREL & Subsidiaries (Excl. TPSSL & WREL)	12,470	12,178	291	11,606	864	Capex for additional capacities		
WREL	3,363	3,467	(104)	3,760	(398)			
TPSSL	490	730	(240)	1,218	(728)			
Maithon	1,640	1,626	13	1,668	(28)			
Odisha DISCOMs	2,262	2,130	133	1,881	381			
TATA Power	21,385	23,368	(1,983)	21,420	(35)			
Others	48	44	4	71	(23)			
Total Debt	48,358	50,398	(2,040)	49,535	(1,177)			

Tata power - Debt Profile



Particulars	Consolidated					
Particulars		Q2 FY24	Q1 FY24	Q2 FY23		
	Rupee	Forex	Total	Total	Total	
Long term	30,487	2,642	33,129	29,144	29,597	
Short term	6,800	1,059	7,859	12,087	11,808	
Current Maturity of LT	6,546	824	7,370	9,167	8,130	
Total Debt			48,358	50,398	49,535	
Less: Cash & Cash Equivalents			10,773	11,462	8,251	
Less: Debt against dividend in Coal SPVs			976	1,187	1,798	
Net External Debt			36,609	37,749	39,486	
Networth			35,817	34,672	29,881	
Net Debt to Equity			1.02	1.09	1.32	



Thank You!

www.tatapower.com

INVESTOR RELATIONS TEAM:

Mr. Soundararajan Kasturi

Chief – Treasury & Investor Relations Email: kasturis@tatapower.com M: +91 82912 04022

Mr. Rajesh Lachhani Head – Investor Relations Email: rajesh.lachhani@tatapower.com M: +91 9742947821