

Dt: 05<sup>th</sup> February, 2025

To  
The General Manager (Listing)  
National Stock Exchange of India Limited  
Exchange Plaza, C 1/G Block,  
Bandra-Kurla Complex,  
Bandra (East), Mumbai.

To  
The General Manager (Listing)  
BSE Limited  
Phiroze Jeejeebhoy Towers,  
Dalal Street, Mumbai.

**Reference: NSE-SCRIP ID: POWERGRID; BSE Scrip Code: 532898**  
**EQ – ISIN: INE752 E01010**

**Sub: Presentation - Webinar for Investors & Analysts Scheduled to be held on 05<sup>th</sup> February, 2025**

Dear Sir,

In terms of Regulation 30 of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015, please find enclosed herewith copy of presentation proposed to be given at Webinar for Investors & Analysts scheduled to be held at 11:00 A.M. (IST) on Wednesday, 05<sup>th</sup> February, 2025

Thanking You,

**Yours faithfully,**

**(Satyaprakash Dash)**  
**Company Secretary &**  
**Compliance Officer**

Encl.: As above



**Q3 FY 2024-25**

**Investor Presentation**

**(February 05, 2025)**



# Disclaimer

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- *Annual Accounts for FY 2023-24 have been approved by the shareholders.*

# Agenda

Overview

Major Highlights

Performance Highlights

Growth Outlook

Sustainability & Awards

## India's Flagship Power Transmission Utility



**Net Profit : 1<sup>st</sup> rank#**



**Dividend Declared: 1<sup>st</sup> rank#**



**Gross Block: 2<sup>nd</sup> rank#**



**Net Worth: 2<sup>nd</sup> rank#**



**Contribution to Exchequer: 2<sup>nd</sup> rank#**

### International\* Credit Rating

**S&P Global**  
Ratings



**BBB-**  
(Outlook: Positive)

**Fitch**  
Ratings



**BBB-**  
(Outlook: Stable)

**MOODY'S**



**Baa3**  
(Outlook: Stable)

### Domestic Credit Rating

**Crisil**  
Ratings



**AAA**  
(Highest Safety)

**ICRA**



**AAA**  
(Highest Safety)

**CareEdge**  
RATINGS



**AAA**  
(Highest Safety)

# Transmission Overview

Strengthening the grid to meet the demands of today and tomorrow

## Transmission Lines



1,518 nos.  
1,79,594 ckm

## Sub-Stations



280 nos.#  
5,52,961 MVA

## IR capacity



99,580 MW  
84% of total IR

## System Availability



99.81%\*

~ 84% Inter State Transmission System owned by POWERGRID

18

HVDC  
Substations

63

765 kV  
Substations

168

400 kV  
Substations

20

SVC/  
STATCOMS

64

GIS  
Substations

>2,90,000

Transmission  
Towers

>3,800

Transformers  
& Reactors

**Emerged L1 bidder in 07 ISTS TBCB projects during Q3FY25**  
**Levelized Tariff: ₹2,077.58 Cr.**

1

TS for evacuation of power from Rajasthan REZ Ph IV (Part 3: 6GW) (Bikaner Complex): Part A

SPV acquired

2

TS for evacuation of power from Rajasthan REZ PhIV (Part 3: 6GW) (Bikaner Complex): Part B

SPV acquired

3

TS under ISTS for evacuation of power from Kudankulam Unit - 3 & 4 (2x1000 MW)

SPV acquired

4

TS for evacuation of power from Rajasthan REZ Ph-IV (Part-4: 3.5 GW): Part A

SPV acquired

5

System strengthening at Koppal-II and Gadag-II for integration of renewable energy generation projects

SPV acquired

6

Augmentation of transformation capacity at KPS1 (GIS) and KPS2 (GIS) (Phase-V Part B1 and Part B2 scheme)

Lol received

7

Augmentation of transformation capacity by 3x500 MVA, 400/220kV ICTs (6th - 8th) and 1x1500 MVA, 765/400kV ICT (4th) at Bidar PS

Lol received

**50% in terms of Annual Tariff\***

**58% in terms of NCT Cost\***

**57% in terms of Project Wins\***

\* Corresponding to 9MFY25 ISTS TBCB projects only

# Asset Management Highlights

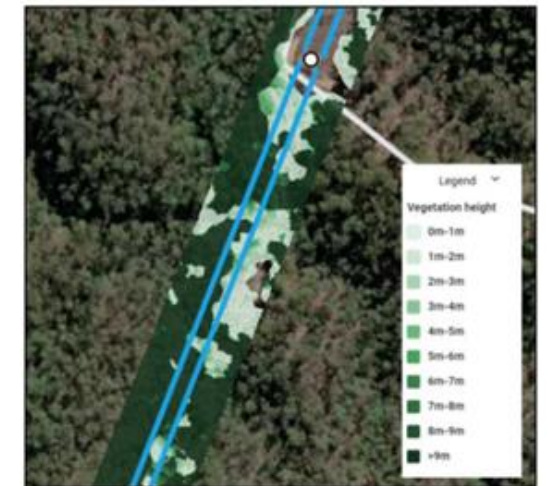


- Implementation of **Dynamic Line Loading (DLL)** is being carried out in 400 kV D/c Madurai -Tuticorin line
- DLL is the ability to vary the capacity of an overhead line in real time based on varying climatic conditions (Temperature, Radiation, Wind speed and direction)

- Implementation of **e-vegetation management** started in 6 nos. transmission lines (high vegetation prone) in North-Eastern Region (NER)

## ➤ Advantages

- Assist inspection & maintenance teams in mapping transmission lines;
- Manage vegetation; and
- Mitigate risks based on tower coordinates, terrains, height of cross arms/ peak, sag etc.



The discrete colormap represents the tree height classes.





## POWERGRID secures its First Green Loan



**Green Loan Agreement of US\$200 million\*** signed with Sumitomo Mitsui Banking Corporation (SMBC) for funding RE project(s) of POWERGRID

\* Greenshoe Option of US\$150 million



## Collaboration with EPRI, USA

- POWERGRID signed a transformative **10-year 'Master Agreement' with EPRI, USA**, a non-profit energy research and development organization.
- Enables participation in **EPRI's Annual Research Portfolio** and customized solutions for transmission system construction, O&M, promoting energy transition and sustainability.



POWERGRID has been granted patent by the India Patent Office for '**System and method for health assessment of transformers / reactors**'



**281 nos. of substations** are under remote operation from NTAMC as on **31<sup>st</sup> Dec'24**

# Performance Highlights

Project Execution

Operational Performance

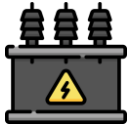
Financial Performance

Other Businesses

Commercial Performance

# Elements Commissioned

1,399 ckm Transmission Line and 9,185 MVA Transformation Capacity added during the quarter



MVA added during the quarter

- 2 nos. 765/400kV 1500 MVA ICTs at Sikar-II Substation
- 765/400kV 1500 MVA ICT-III at Banaskantha Substation
- 765/400kV 1500 MVA ICT-VI at Kotra Substation
- 3 nos. 400/220kV 500 MVA ICTs at Bikaner-II Substation
- 2 nos. 400/220kV 500 MVA ICTs at Banka Substation
- 400/220kV 500 MVA ICT-III at Bahadurgarh Substation
- Upgradation of 400/220kV 315 MVA ICT-II at Rengali S/S



Ckm added during the quarter

- 765kV Sikar-II Aligarh Ckt # 1&2
- 765kV Bhadla-II Sikar-II Ckt # 1&2
- 400kV Sikar-II Neemrana Ckt # 1&2
- LILO of 220kV Jhusi (UPPTCL) – Phulpur (UPPTCL) at 400kV Jaunpur (UPPTCL) Substation

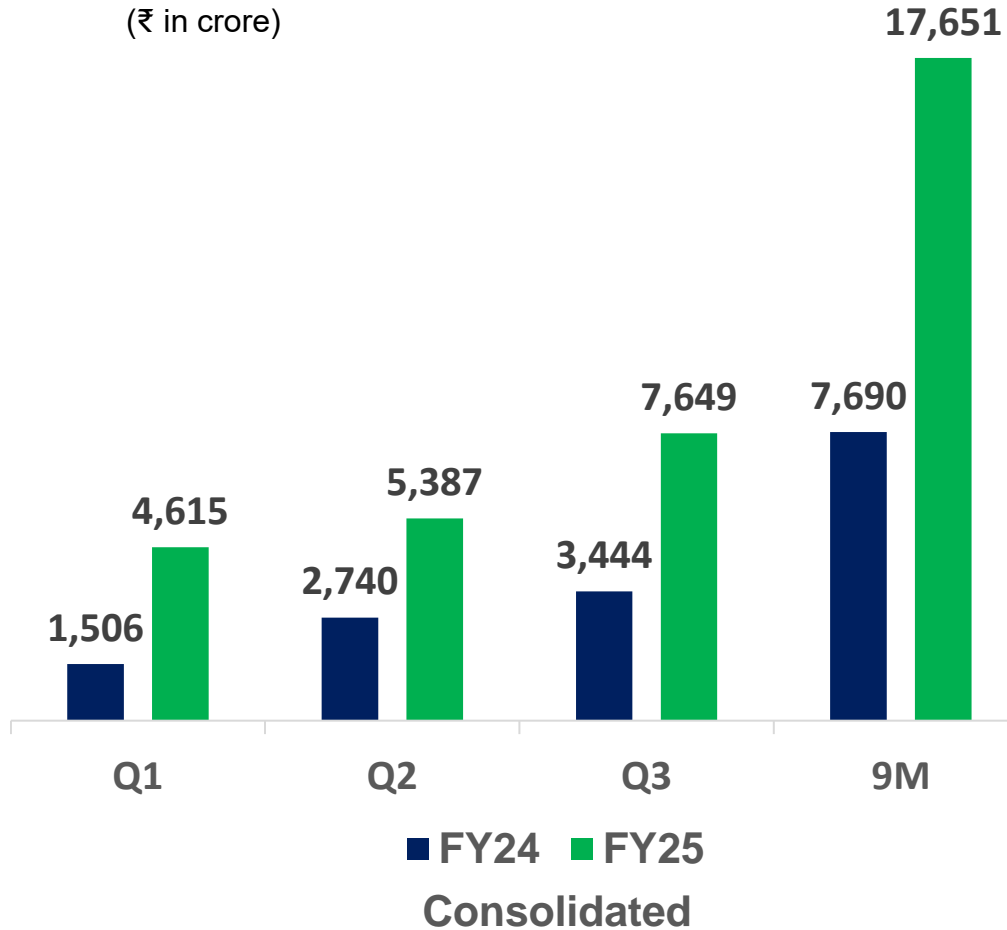


765/400kV Sikar-II Substation charged during the quarter

# Project Execution

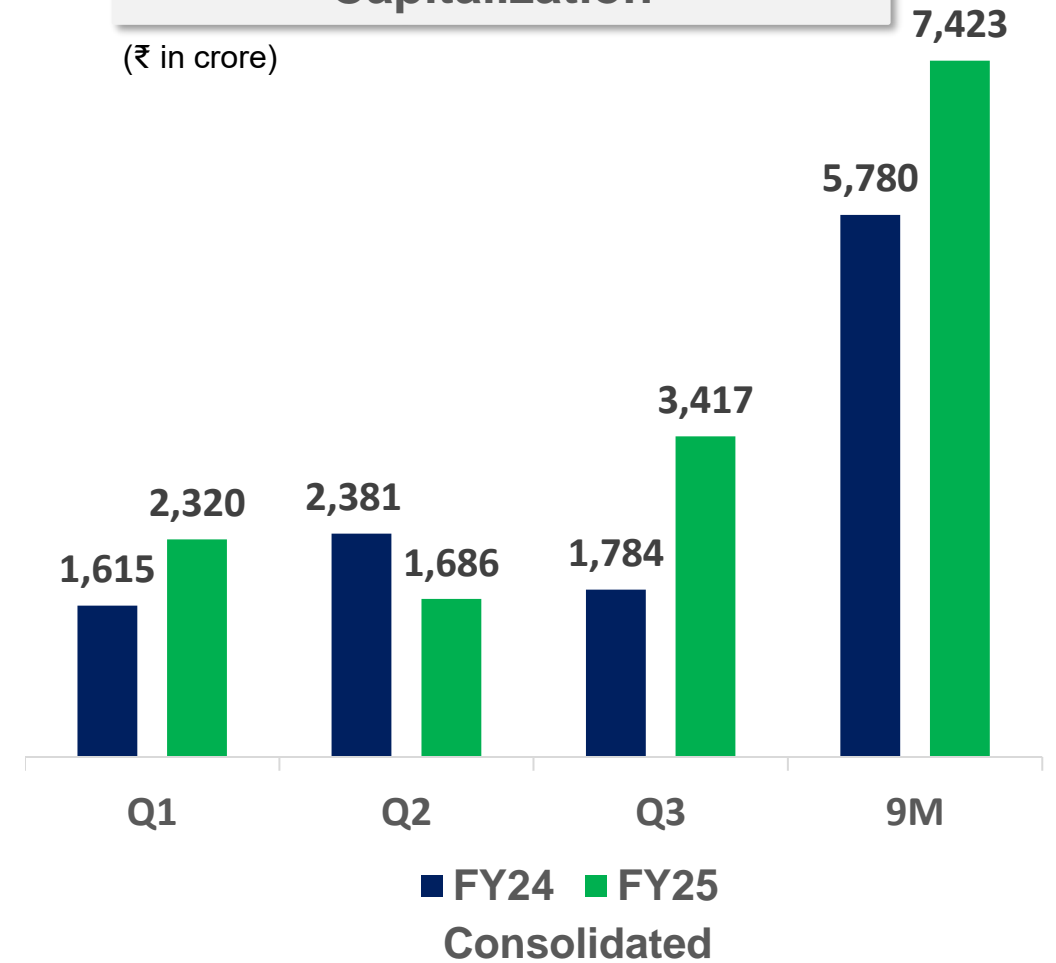
## Capex

(₹ in crore)



## Capitalization\*

(₹ in crore)

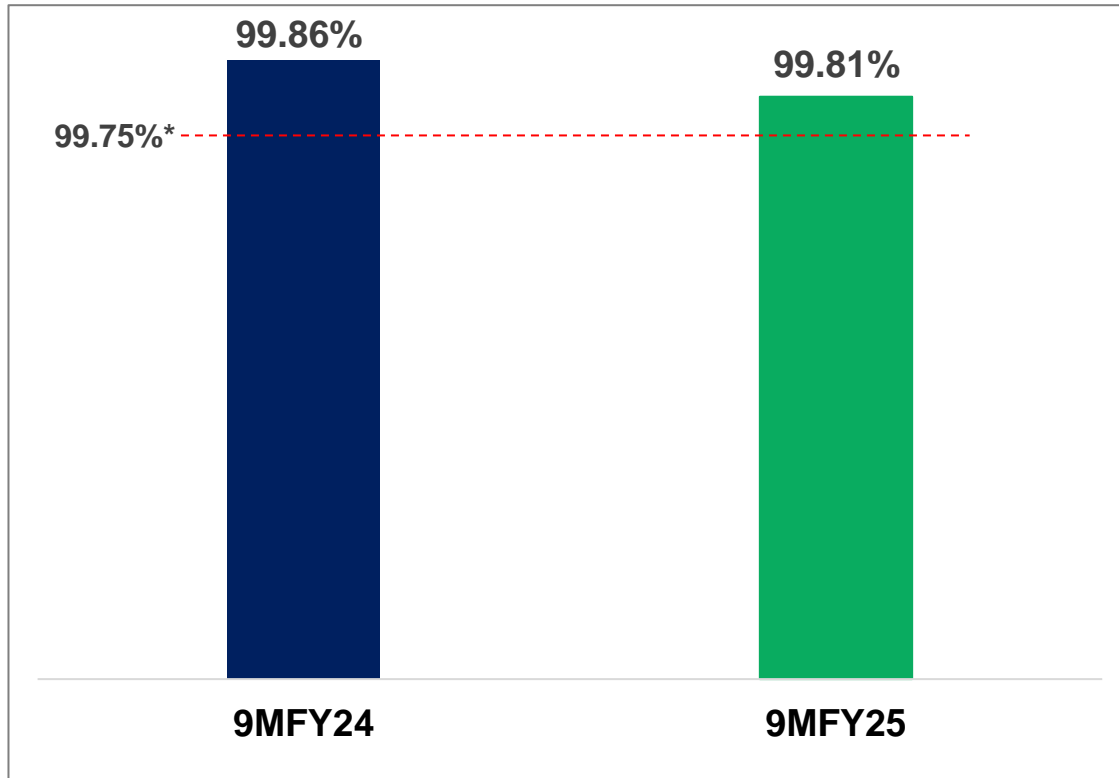


\* Exclusive of FERV

\* Includes assets capitalised as Finance Lease

# Operational Performance (Upto end of Q3FY25)

## Availability



## Reliability (Tripping per line)



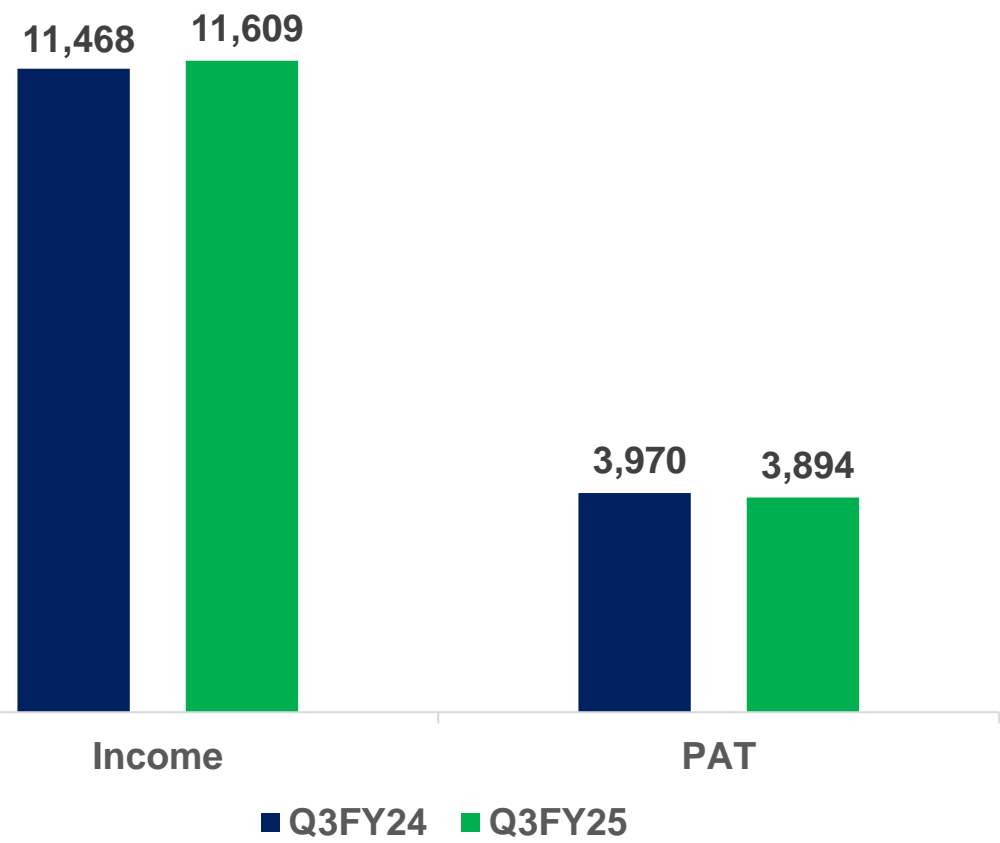
\* Full incentive capped at 99.75%

# Financial Performance (Q3FY25)



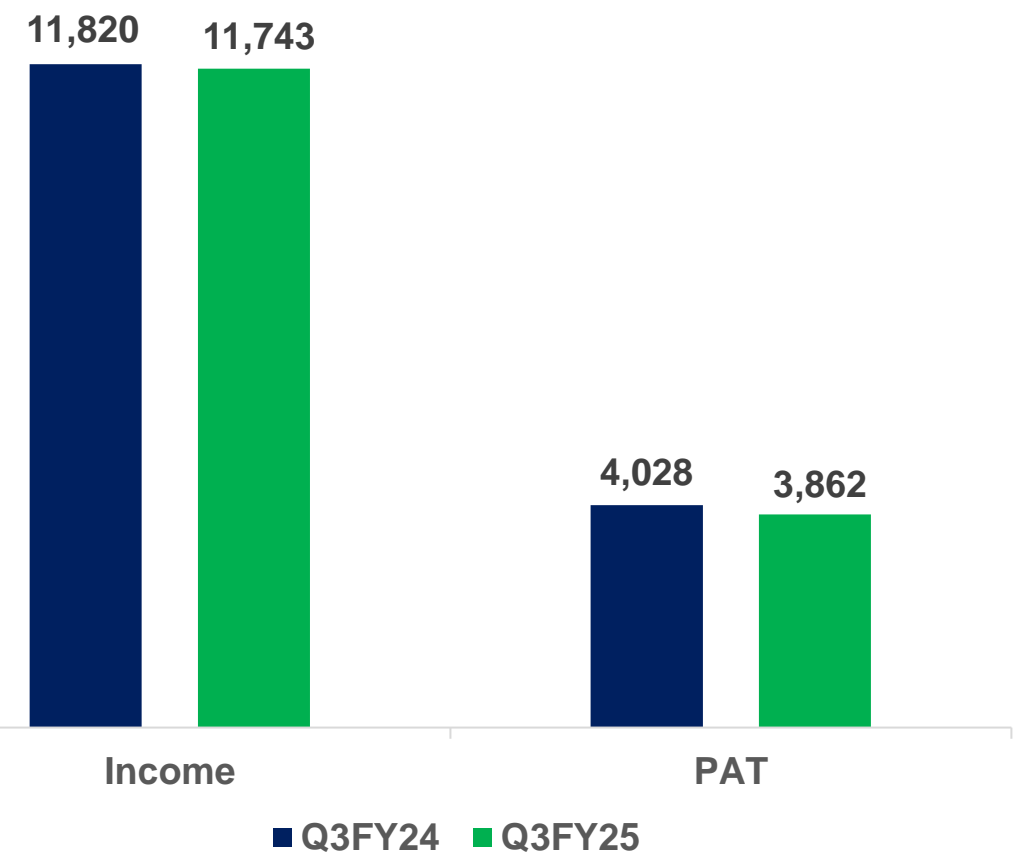
## Standalone

(₹ in crore)



## Consolidated

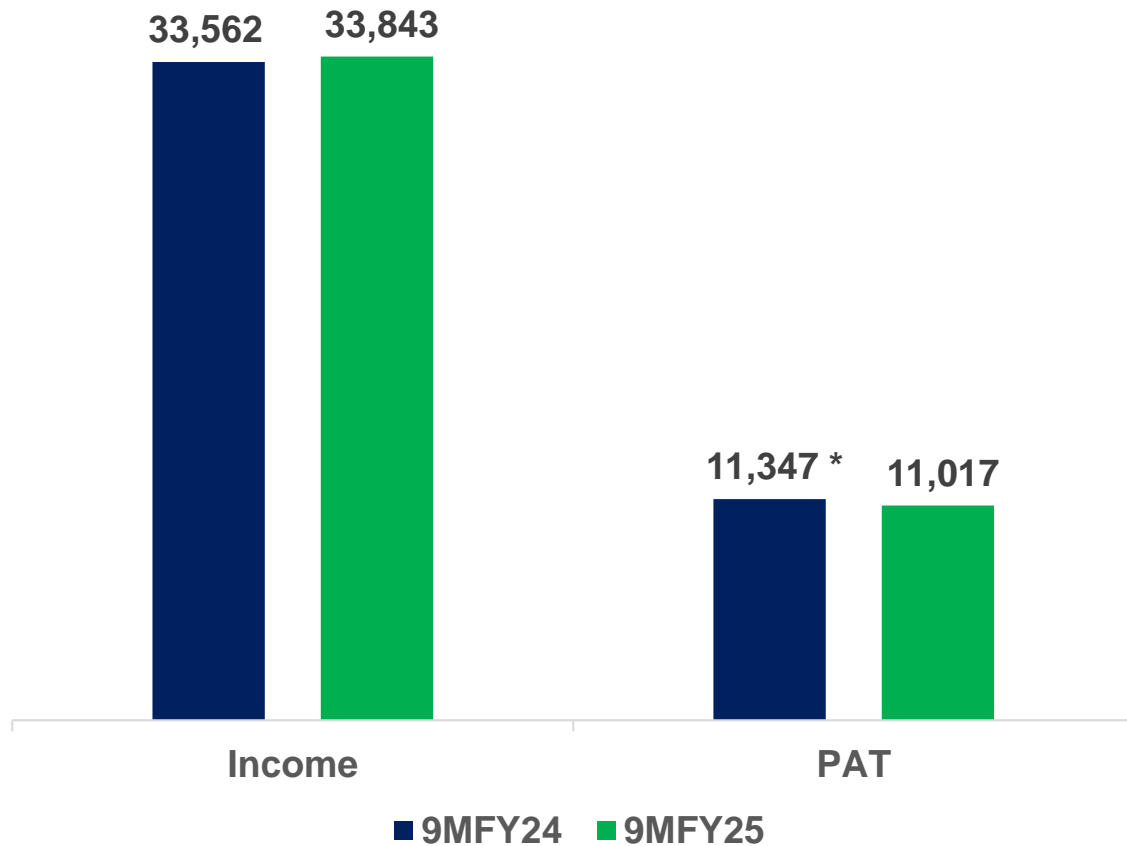
(₹ in crore)



# Financial Performance (9MFY25)

## Standalone

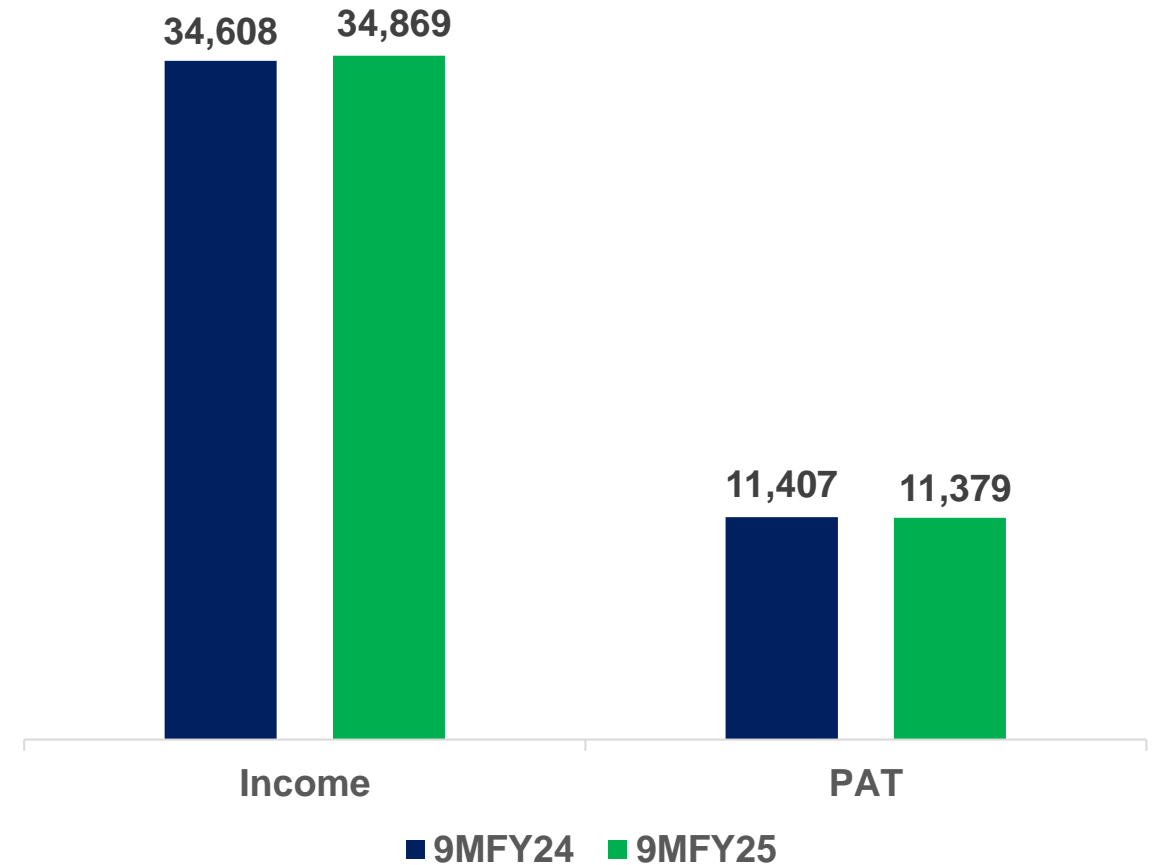
(₹ in crore)



\* PAT including discontinued operation

## Consolidated

(₹ in crore)





# Financial Performance (Consolidated)



CONSOLIDATED

Description	Q3FY25	Q3FY24	Growth (%)	9MFY25	9MFY24	Growth (%)
<b>Income</b>						
- Transmission Charges	10,825	11,233	(4)	32,368	32,900	(2)
- Consultancy Services	172	116	48	427	371	15
- Telecom	236	201	17	722	594	22
- Other Income	510	270	89	1,352	743	82
<b>Total Income</b>	<b>11,743</b>	<b>11,820</b>	<b>(1)</b>	<b>34,869</b>	<b>34,608</b>	<b>1</b>
Operating Expenses (including movement in regulatory deferral balance other than DA for DTL)	1,643	1,398	18	4,640	4,208	10
Share of Net Profits/(Loss) of investments in JVs accounted for using Equity Method	(5)	(38)		(81)	(81)	
<b>EBITDA-Gross Margin</b>	<b>10,095</b>	<b>10,384</b>	<b>(3)</b>	<b>30,148</b>	<b>30,319</b>	<b>(1)</b>
Depreciation	3,216	3,293	(2)	9,708	9,836	(1)
Interest	2,008	2,180	(8)	6,292	6,634	(5)
Tax (Net of DA for DTL)	1,009	883		2,769	2,442	
<b>Profit After Tax</b>	<b>3,862</b>	<b>4,028</b>	<b>(4)</b>	<b>11,379</b>	<b>11,407</b>	<b>0</b>

(₹ in crore)

# Financial Performance (Standalone)



STANDALONE

Description	Q3FY25	Q3FY24	Growth (%)	9MFY25	9MFY24	Growth (%)
<b>Income</b>						
- Transmission Charges	9,976	10,571	(6)	30,092	30,983	(3)
- Consultancy Services	144	106	36	357	358	-
- Other Income	1,489	791	88	3,394	2,221	53
<b>Total Income</b>	<b>11,609</b>	<b>11,468</b>	<b>1</b>	<b>33,843</b>	<b>33,562</b>	<b>1</b>
Operating Expenses (including movement in regulatory deferral balance other than DA for DTL)	1,546	1,338	16	4,360	3,875	13
<b>EBITDA-Gross Margin</b>	<b>10,063</b>	<b>10,130</b>	<b>(1)</b>	<b>29,483</b>	<b>29,687</b>	<b>(1)</b>
Depreciation	3,074	3,159	(3)	9,309	9,442	(1)
Interest	2,217	2,248	(1)	6,786	6,815	-
Tax (Net of DA for DTL)	878	753	17	2,371	2,180	9
<b>PAT- Continuing Operations</b>	<b>3,894</b>	<b>3,970</b>	<b>(2)</b>	<b>11,017</b>	<b>11,250</b>	<b>(2)</b>
<b>PAT- Discontinued Operations*</b>	<b>-</b>	<b>-</b>		<b>-</b>	<b>97</b>	
<b>Profit After Tax</b>	<b>3,894</b>	<b>3,970</b>	<b>(2)</b>	<b>11,017</b>	<b>11,347</b>	<b>(3)</b>

(₹ in crore)

\* Telecom business hived off from 01.10.2023

# Financial Performance



Description	Standalone		Consolidated	
	As on 31.12.24	As on 31.12.23	As on 31.12.24	As on 31.12.23
Gross Fixed Assets <sup>\$</sup> (₹ in crore)	2,63,087	2,58,715	2,88,801	2,78,163
Capital Work-in-Progress <sup>#</sup> (₹ in crore)	12,124	9,054	29,603	16,600
Debt (₹ in crore)	1,29,288	1,20,606	1,29,288	1,20,606
Net Worth (₹ in crore)	90,984	86,952	91,620	87,194
Earnings Per Share* (₹)	11.85	12.20	12.23	12.26
Book Value per Share (₹)	97.83	93.49	98.51	93.75
<b>Key Financial Ratios</b>				
Debt : Equity	59:41	58:42	59:41	58:42
Return on Net Worth*(%)	12.11	13.05	12.42	13.08

\* Not Annualised

# Includes Construction Advances

\$ Including Gross Lease Receivables

# Other Key Financial Information

Description	Q3FY25	Q3FY24
Income for previous periods (Consol.)	63	237
Int. on differential tariff*	102	184
Int. from Subsidiaries & JVs*	560	371
Incentive (Consol.)	150	151
Dividend from JVs*	3	1
Dividend from Subsidiaries*	423	149
Dividend from Associates/Others*	32	20
CSR Expenses*	161	23
FERV (Gross Block)	238	77
Equity in TBCB- Operational*	4390	3763
Equity in TBCB- U/ Constn.*	302	504
Short Term Loan <sup>#</sup>	1,960	1,279

Average Cost of  
Borrowing<sup>#</sup>  
**7.54%** in Q3FY25

<sup>#</sup> On Standalone basis



Income#

₹236 Cr. (In Q3FY25)

₹594 Cr.  
(9MFY24)

22% →

₹722 Cr.  
(9MFY25)

HIGHLIGHTS



New Customers  
added in Q3FY25

12 Nos.



AVAILABLE

Backbone  
Availability

100%

# On consolidated basis

International Long-  
Distance (ILD) Business

PowerTel received its **first**  
**ILD Order**

Government of Meghalaya  
Project

PowerTel enabled '**Fiber to  
Home Broadband**' for  
providing reliable internet for  
the end users in Tura town of  
Meghalaya

Land for Disaster Recovery  
Data Centre

Land procured from SIPCOT,  
Siruseri for **Disaster  
Recovery (Zone-2) Data  
Centre** at Chennai.

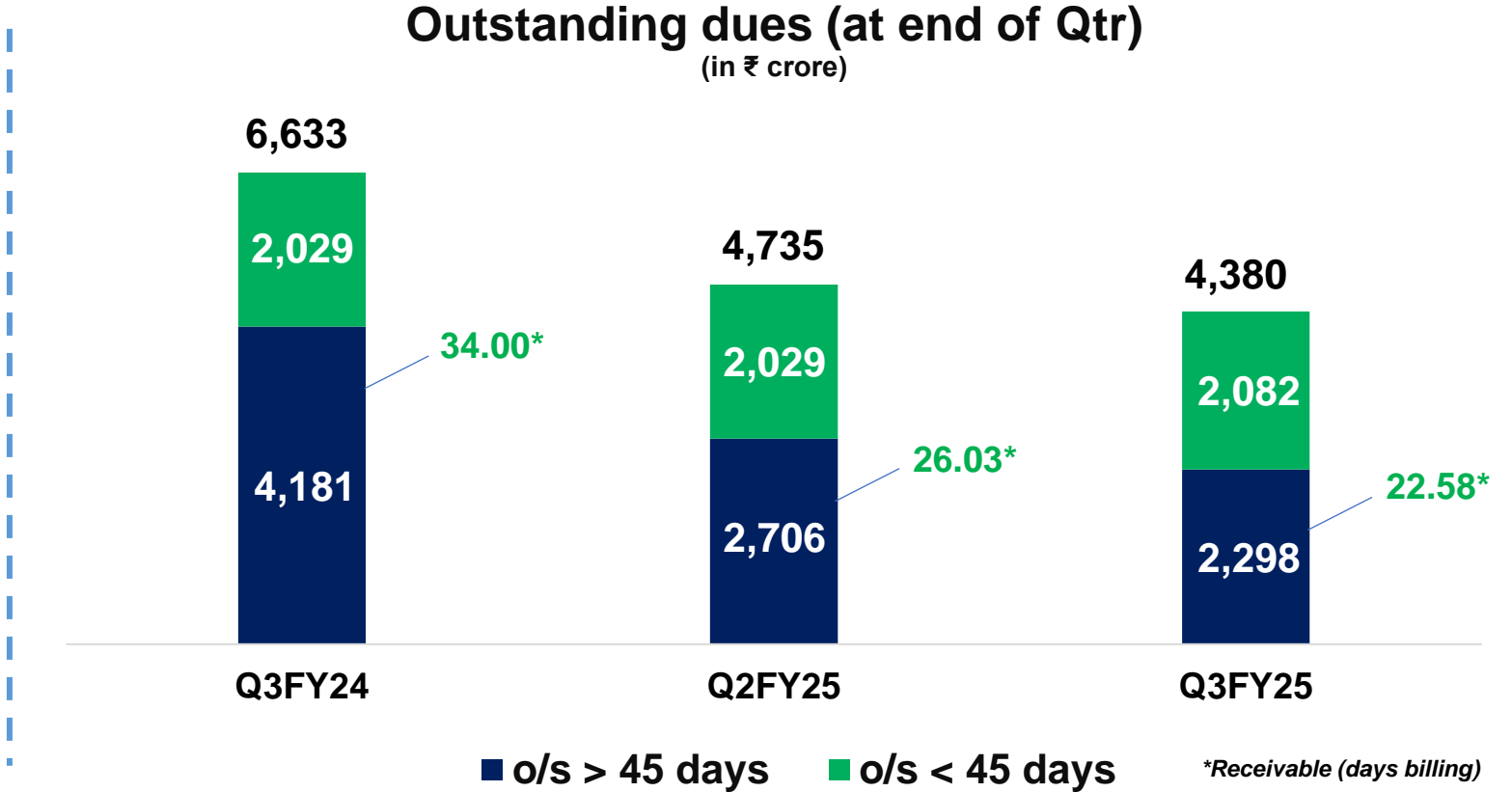
# Commercial Performance (Apr'24 - Dec'24)



**Billing**  
₹27,989 crore

**Realization**  
₹28,404 crore

**% Realization**  
101.48%



**Major Dues**

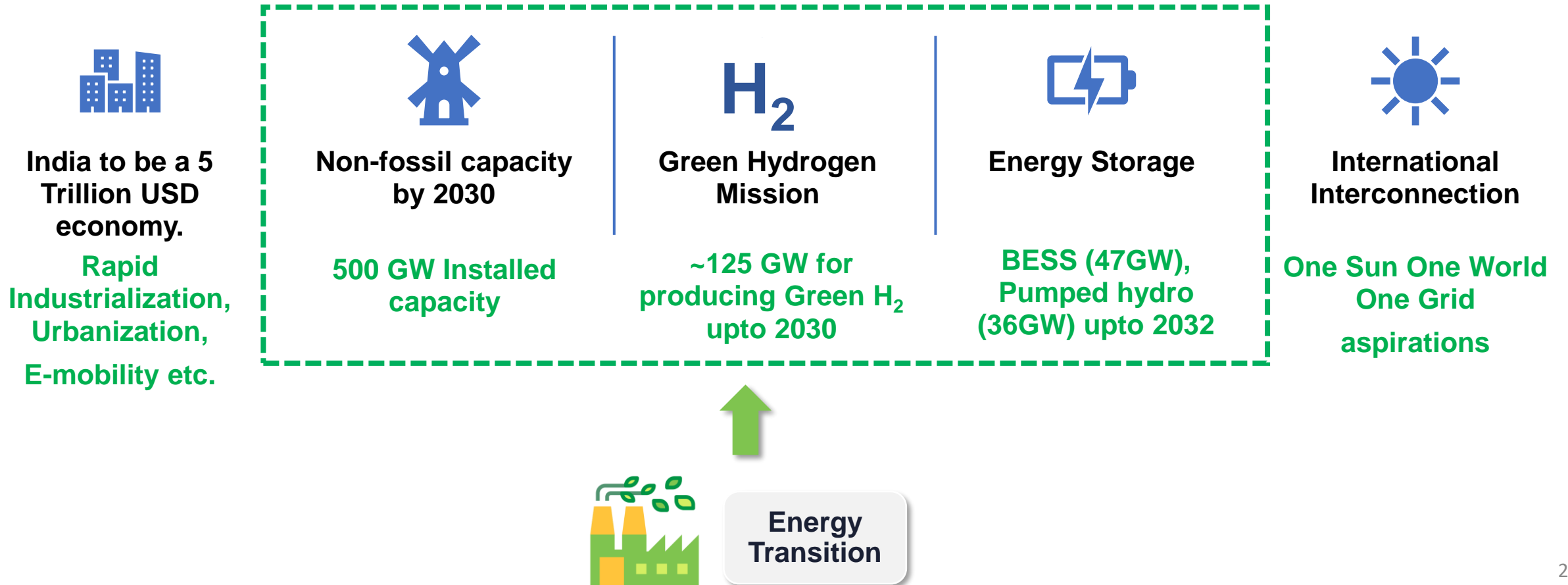
Tamil Nadu, Uttar Pradesh, Telangana, Madhya Pradesh

Sectoral Outlook

Works in Hand

Capex Plan

## Growth Drivers



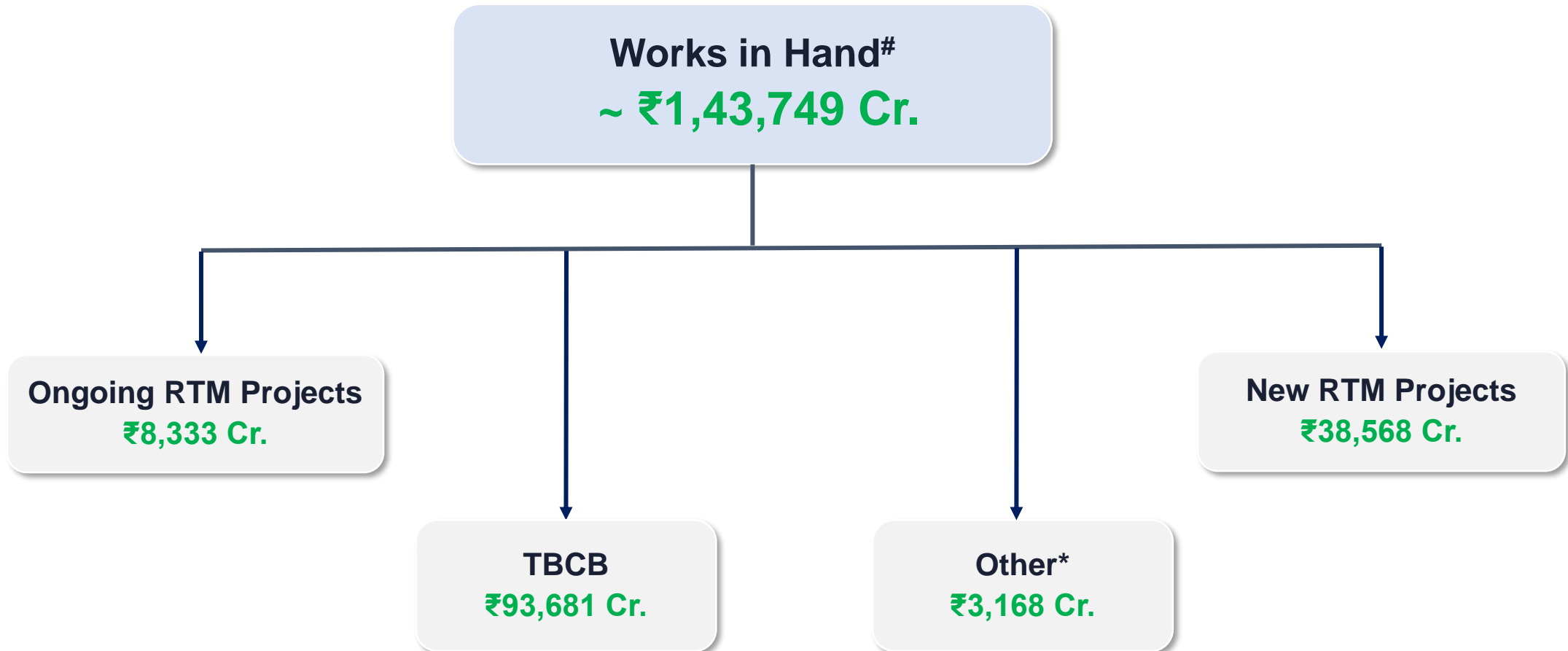


# NEP Capex Summary

Description	2022-27	2027-32	Total
Inter State Transmission System	2,69,150	3,91,624	6,60,774
Intra State Transmission System	1,56,072	99,296	2,55,368
<b>Total</b>	<b>4,25,222</b>	<b>4,90,920</b>	<b>9,16,142</b>

All figures in Rs. Cr.

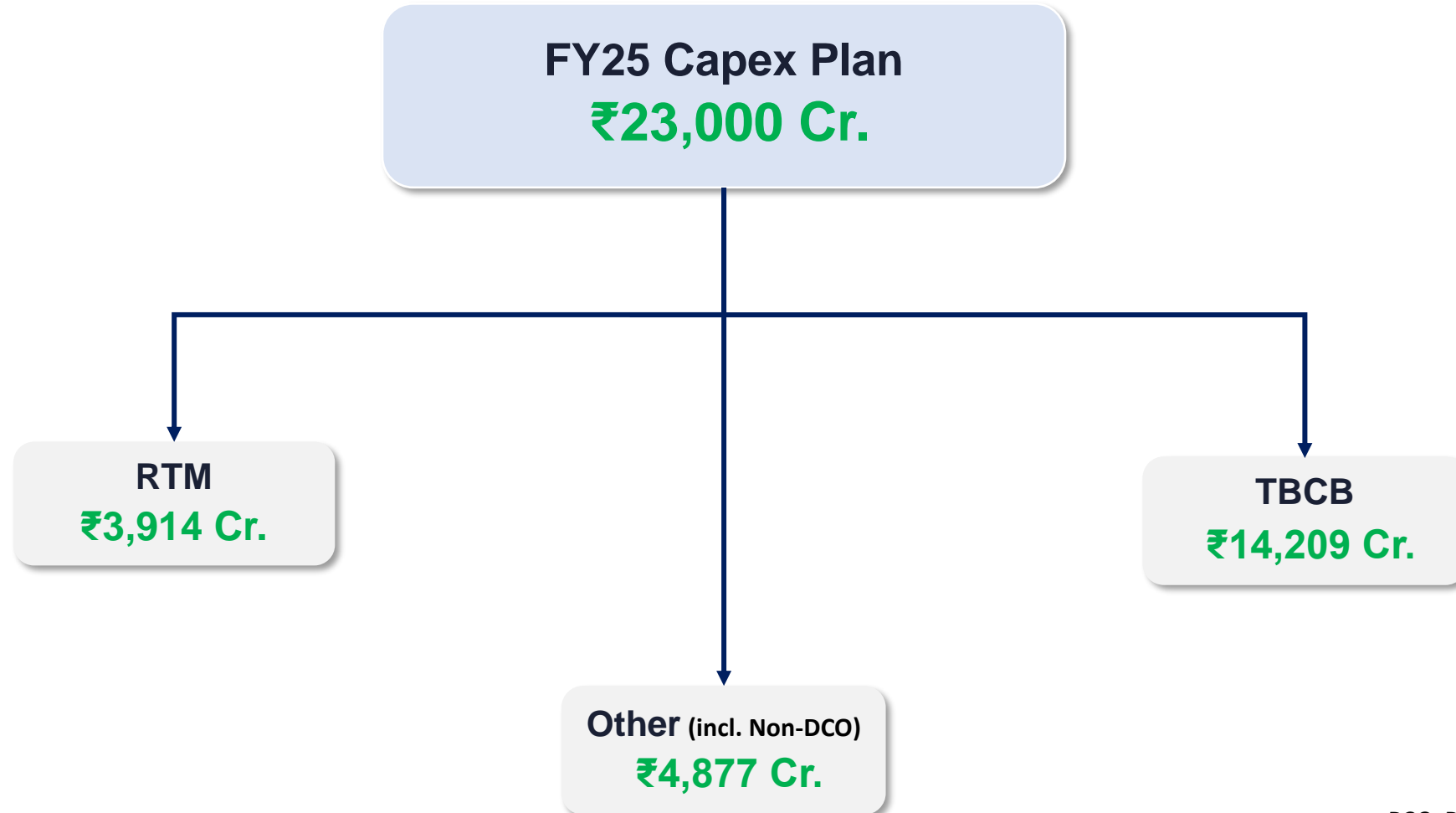
## Building a Sustainable Energy Future Together



# As on 31.01.2025

\* Includes Cross-Border, Data Centre, Smart Metering, Solar Generation (Nagda)

## Leading Energy Transition for a Sustainable Future



Sustainability initiatives

Awards & Recognition

# Sustainability initiatives



**50% of renewable energy consumption by 2025** - Green Tariffs at our establishments in such states that offer the facility



**Resolution of RoW issues** - Women employees actively engaging in RoW resolution



Declared 400kV Yelahanka, Tughlakabad, Mariani & 220kV Chandigarh as **Pink substations** which are being operated & headed by women employees



# Awards & Recognition (1/2)



Director (Finance), POWERGRID conferred with prestigious role model recognition at **CMA Achievers meet: Vision 2030**



POWERGRID has been conferred with **“World Congress on Disaster Management - Disaster Risk Reduction (WCDM-DRR) 2024 Award”** in category “Response during disaster and emergencies”



POWERGRID received appreciation of support from Hon'ble Union Jal Shakti Minister, Shri C.R Patil for CSR contribution as highest donor to **National Mission of Clean Ganga**

# Awards & Recognition (2/2)



Special Jury Commendation in “FICCI Women Empowerment Awards 2023-24” under category “**Impactful Care Ecosystem for Employees - Public Sector Companies**”



Dr. Sunita Chohan, POWERGRID awarded with “**NPSC Woman Engineer Award (Industry) -2024**” for her contributions to the India’s Energy Sector during the 23<sup>rd</sup> National Power System Conference held at IIT Indore



Appreciation plaque in “FICCI Women Empowerment Awards 2023-24” under category “**Career Development, Skill Development & Mentorship**”



**THANK YOU**