



**पावरग्रिड**  
**POWERGRID**

Transmitting Power  
for  
Progress and  
Prosperity

Investor  
Presentation

01/08/2023



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# Performance Highlights

**POWERGRID Overview**

**Major Highlights**

**Performance Highlights**

**Growth Outlook**

**Awards**

# POWERGRID Overview



A “Maharatna’ CPSE

3<sup>rd</sup> Largest CPSE  
Gross Block<sup>1</sup>

Pan India  
Transmission Network

4,000 MW  
Cross Border  
Interconnection with  
neighbouring countries

23 countries  
Global Footprints

37  
Subsidiaries

11  
Joint Ventures<sup>2</sup>

04  
Associates

Credit Rating

International  
(At par with Sovereign)

Standard & Poor’s: BBB-  
Fitch: BBB -  
Moody’s: Baa3

Domestic

CRISIL: AAA  
ICRA: AAA  
CARE: AAA

## Transmission Assets



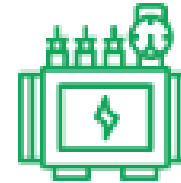
1,74,625 ckm  
1,467 nos

Transmission Lines



274

5,08,350 MVA  
Sub-Stations



97,290 MW  
85% of India's  
IR capacity



> 99%  
System  
Availability

## Transmitting 45% of India's Power

18 HVDC substations	62 765kV Substations	163 400kV Substations	17 SVC/ STATCOMS	62 GIS Substations	>2,90,000 Transmission Towers	>3,600 Transformers and Reactors
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## Won Two TBCB projects in Q1FY24

- Transmission Scheme for Solar Energy in Ananthapuram(2.5GW) and Kurnool(1GW)
- Transmission system for evacuation of power from REZ in Rajasthan (20GW) – Part B1
- Levellised Tariff ₹ 341.30 crore

**Bids for 03 projects submitted**

**Order received for 69 lac Smart Meters installation in Gujarat from MGVCL, Vadodara and UGVCL, Ahmedabad.**

- Project Duration – 10 years
- Implementation phase – 27 months
- O&M Phase – 93 months
- Investment of ₹ 4067 crore

**Investment in 85MW solar project at Nagda, MP approved**

- To be implemented in 10 months
- Captive consumption and Sale through exchange

## Added

**4,435 MVA**

**Transformation capacity**

**02 Nos**

**Sub-stations**

**1,428 ckm**

**Transmission lines**

## Successfully Commissioned

### POWERGRID Meerut Simbhaoli Transmission Ltd

- 400kV D/C Meerut – Simbhaoli Line
- 765/400/220kV Meerut GIS SS
- 400/220/132kV Simbhaoli GIS SS

### POWERGRID Bikaner Transmission System Ltd

- Bikaner-II PS – Khetri 400kV 2xD/c line
- Khetri - Bhiwadi 400kV D/c line (Twin HTLS)

### Extension 765/400/220kV Bhadla-II PS

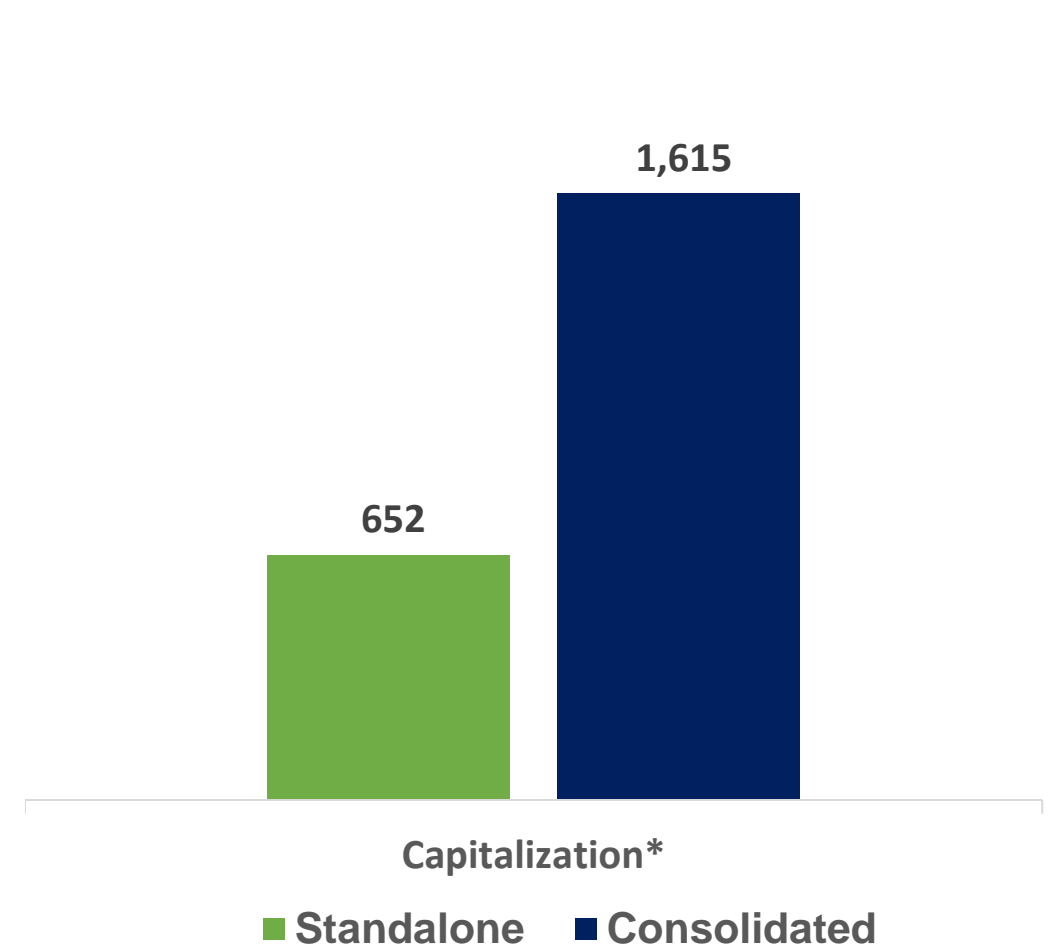
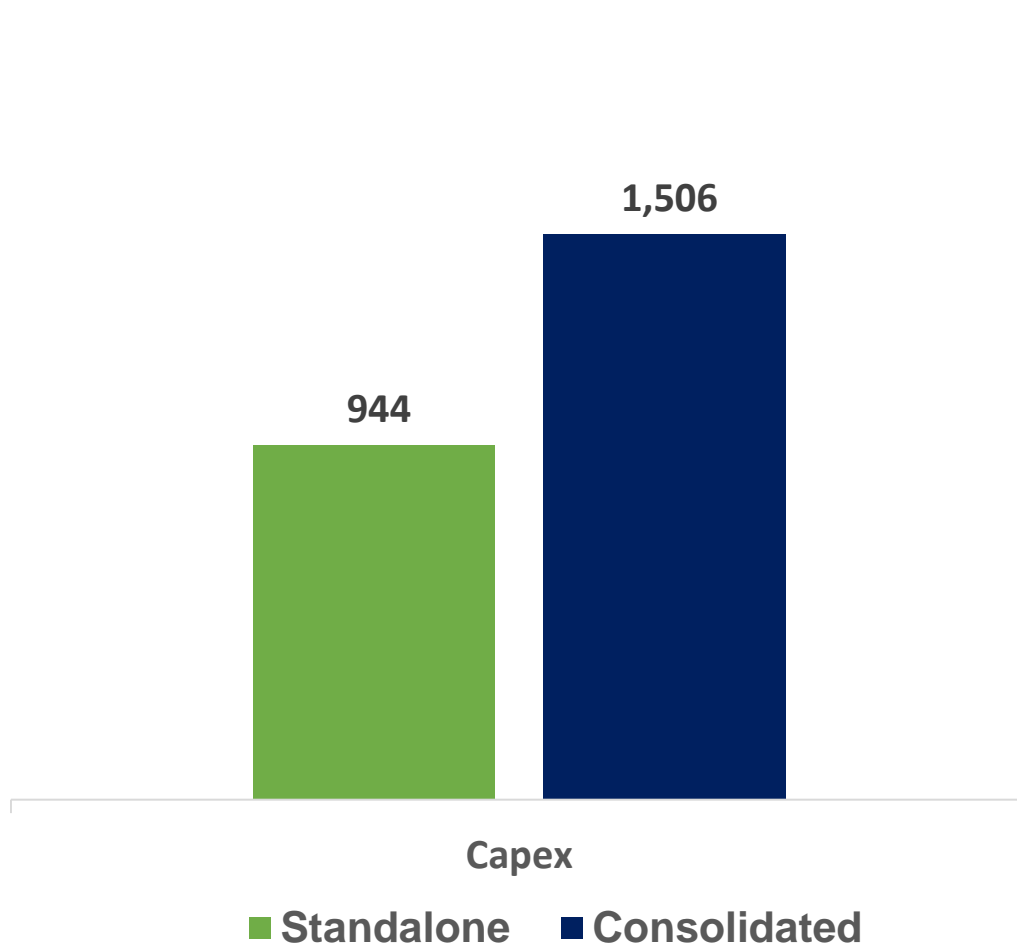
- Two 400/220kV, 500MVA ICTs

### Extension of 765/400/220kV Bikaner (PG) S/s

- One 765/400kV, 1500MVA Transformer



# Project Execution-Q1FY24

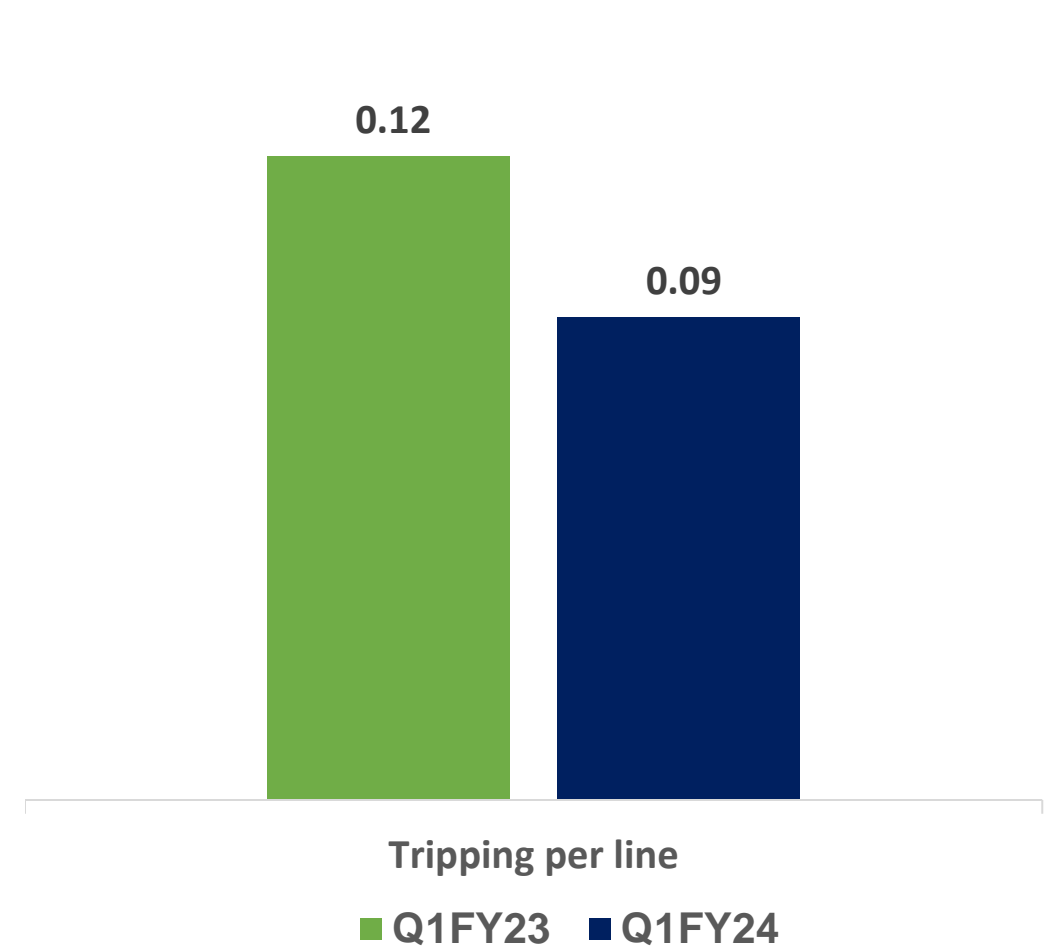
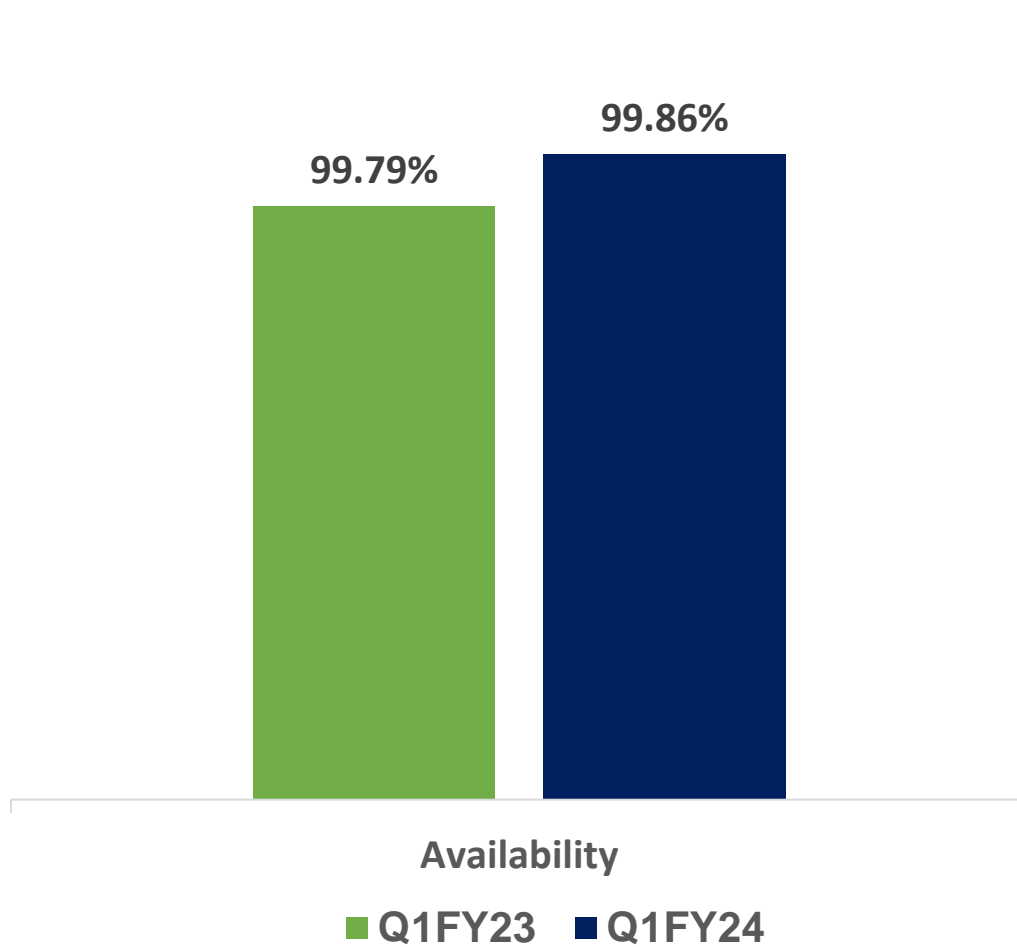


(₹ in crore)

\* Exclusive of FERV

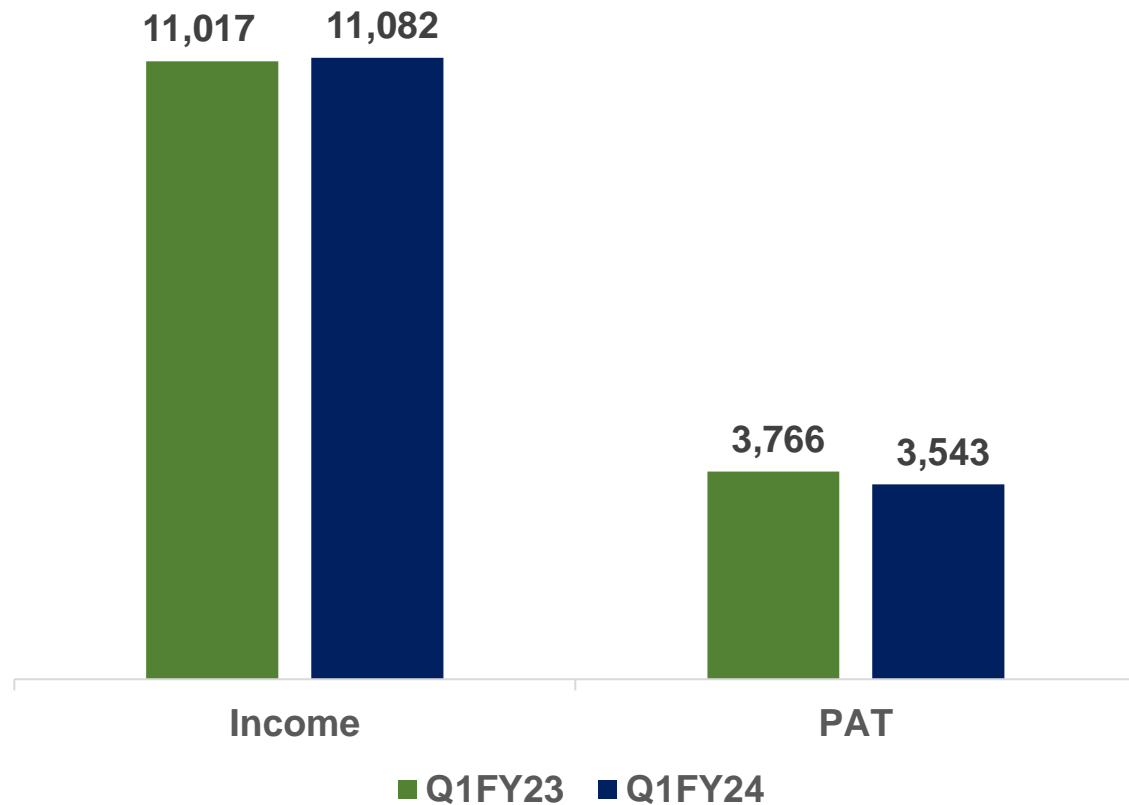
\* Includes assets capitalised as Finance Lease

# Operational Performance-Q1FY24



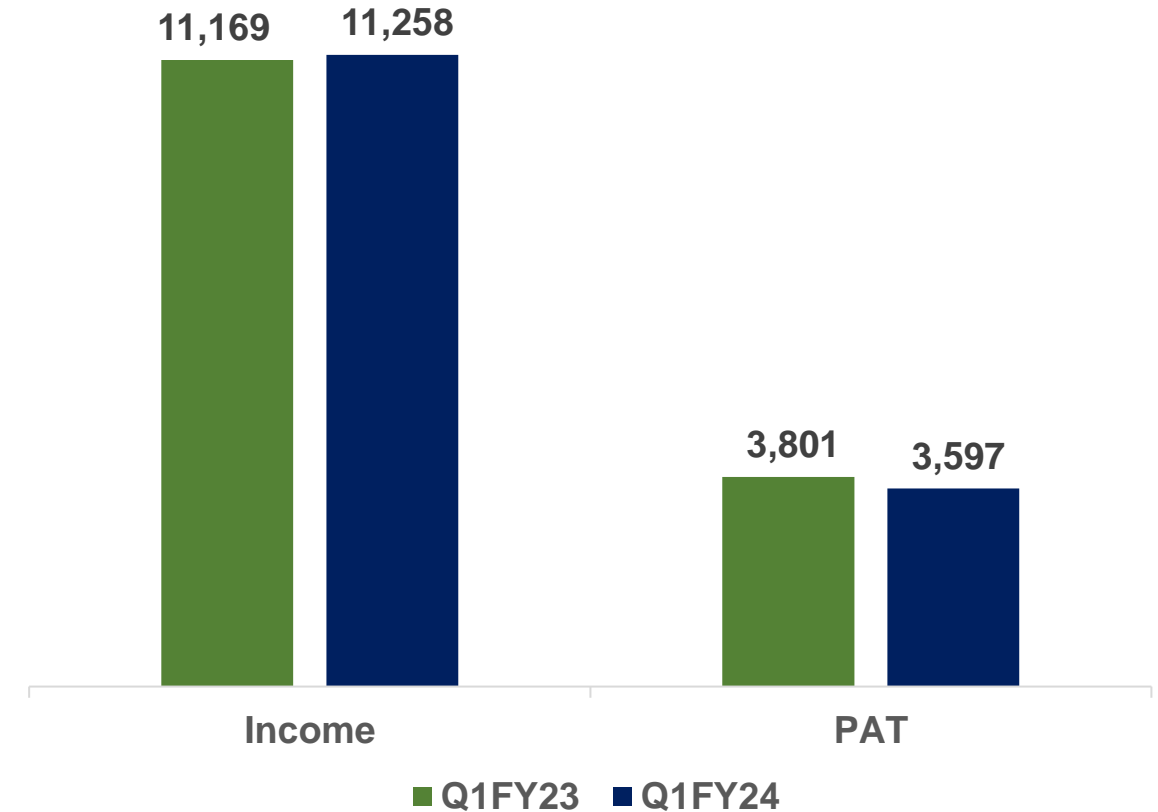
# Financial Performance-Q1FY24

## Standalone



(₹ in crore)

## Consolidated



# Financial Performance



S  
T  
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D  
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O  
N  
E

Description	Q1FY24	Q1FY23	Growth (%)	Q4FY23	Growth (%)
<b>Income</b>					
- Transmission Charges	10,124	10,047	1%	11,330	(11)%
- Consultancy – Services	121	233	(48)%	(24)	-
- Telecom	191	166	15%	189	1%
- Other Income	646	571	13%	793	(19)%
<b>Total Income</b>	<b>11,082</b>	<b>11,017</b>	<b>1%</b>	<b>12,288</b>	<b>(10)%</b>
Operating Expenses (including movement in regulatory deferral balance other than DA for DTL)	1,391	1,321	5%	1679	(17)%
<b>EBITDA-Gross Margin</b>	<b>9,691</b>	<b>9,696</b>	<b>-</b>	<b>10,609</b>	<b>(9)%</b>
Depreciation	3,161	3,203	(1)%	3,214	(2)%
Interest	2,289	1,987	15%	2,286	-
Tax (Net of DA for DTL)	698	740	-	892	-
<b>Profit After Tax</b>	<b>3,543</b>	<b>3,766</b>	<b>(6)%</b>	<b>4,217</b>	<b>(16)%</b>

# Financial Performance

C O N S O L I D A T E D	Description	Q1FY24	Q1FY23	Growth (%)	Q4FY23	Growth (%)
	<b>Income</b>					
	- Transmission Charges	10,756	10,529	2%	12,109	(11)%
	- Consultancy Services	101	211	(52)%	(34)	-
	- Telecom	191	166	15%	188	2%
	- Other Income	210	263	(20)%	294	(29)%
	<b>Total Income</b>	<b>11,258</b>	<b>11,169</b>	<b>1%</b>	<b>12,557</b>	<b>(10)%</b>
	Operating Expenses (including movement in regulatory deferral balance other than DA for DTL)	1,421	1,332	7%	1,673	(15)%
	Share of Net Profits of investments accounted for using Equity Method	(5)	(5)		(53)	
	<b>EBITDA-Gross Margin</b>	<b>9,832</b>	<b>9,832</b>	<b>-</b>	<b>10,831</b>	<b>(9)%</b>
Depreciation	3,266	3,295	(1)%	3,313	(1)%	
Interest	2,217	1,965	13%	2,240	(1)%	
Tax (Net of DA for DTL)	752	771	-	955	-	
<b>Profit After Tax</b>	<b>3,597</b>	<b>3,801</b>	<b>(5)%</b>	<b>4,323</b>	<b>(17)%</b>	

(₹ in crore)

# Financial Performance



Description	Standalone		Consolidated	
	As on 30.06.23	As on 30.06.22	As on 30.06.23	As on 30.06.22
Gross Fixed Assets (₹ crore)	2,56,415	2,52,053	2,70,757	2,64,838
Capital Work-in-Progress (₹ crore)	8,431	7,018	14,704	13,119
Debt (₹ crore)	1,22,695	1,28,369	1,22,695	1,28,369
Net Worth (₹ crore)	86,319	79,861	86,557	79,993
Earning Per Share (₹)*	5.08*	5.40*	5.16*	5.45*
Book Value per Share (₹)	123.75	114.49	124.09	114.68
<b>Key Financial Ratios</b>				
Debt : Equity	59:41	62:38	59:41	62:38
Return on Net Worth*	4.10%*	4.72%*	4.16%*	4.75%*

\* Not annualised

# Other Key Financial Information

Description	Q1FY24	Q1FY23
Income for previous periods (Consol.)	214	351
Int. on differential tariff	62	142
Int. from Subsidiaries & JVs*	337	251
Surcharge (Consl.)	51	97
Incentive (Consol.)	132	149
Dividend from JVs*	4	-
Dividend from Subsidiaries*	126	78
Dividend from Associates/Others*	14	31
CSR Expenses*	27	101
FERV (Gross Block)	(64)	767
Equity in TBCB- Operational*	3,544	2,812
Equity in TBCB- U/ Constn.*	347	713
Short Term Loan <sup>#</sup>	-	4,655

(₹ in crore) \* On Standalone basis

Average Cost of  
Borrowing\*  
7.59% in Q1FY24

\* On Standalone basis



₹ 191 crore  
Income

40  
New Customers added

3000 locations  
Pan India Network

~82,000 kms  
Network route

100%  
Backbone availability

## Business Segments

- Leased Lines
- MPLS-VPN
- Data services
- Infrastructure services

## Upcoming Services

ILD connectivity

- With neighbouring countries Nepal, Bangladesh, Bhutan and Myanmar.

Business Transfer Agreement executed for hiving off  
Telecom business



## Consultancy services to Domestic and International clients.

**₹ 121 crore**  
**Income**

**02**  
**New International assignments**

**17**  
**Ongoing International assignments**

**05**  
**New Domestic assignments**

**70**  
**Ongoing Domestic assignments**

### Delivering Smart Solutions to both Domestic and International clients

- State owned utilities, Private utilities, Central Public Sector Undertakings, Government departments, International clients etc.

### Area of Expertise

- Transmission
- Sub-Transmission and Distribution
- Rural Electrification
- Load Dispatch & Communication
- Smart Grid
- Energy Efficiency & Sustainable Development.

# Commercial Performance

## Billing & Realization

₹ 12,726 cr

Billing

₹ 10,406 cr

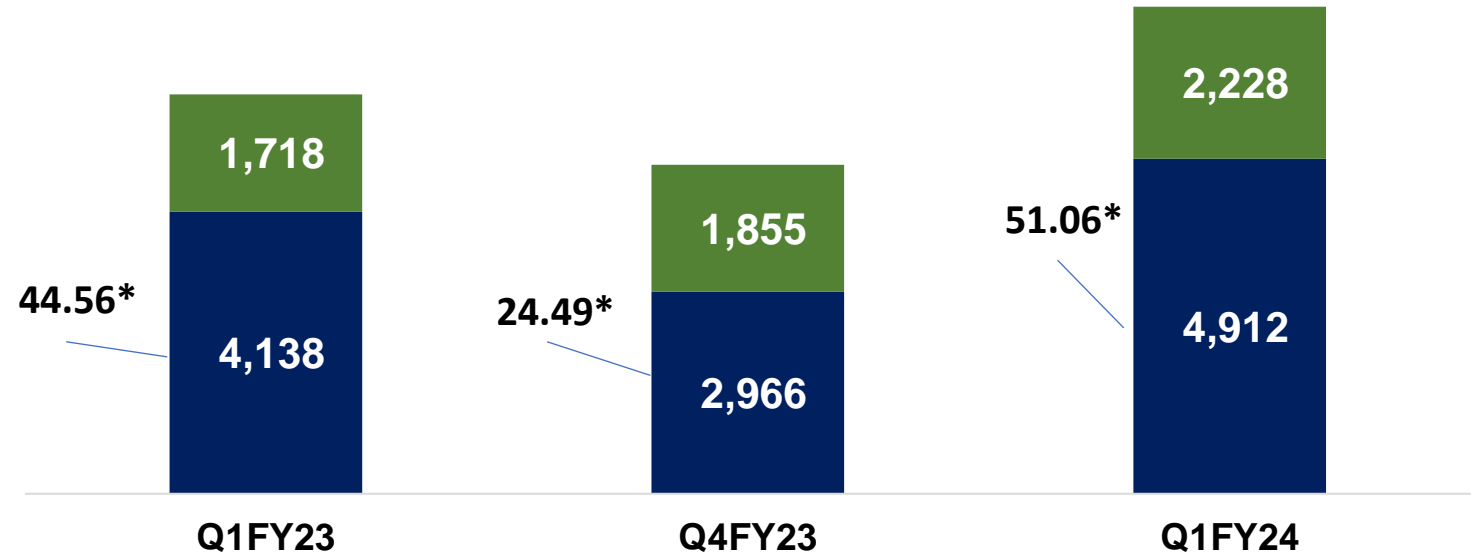
Realization

81.77%

%age Realization

87.94% upto 31/07/23

## Outstanding dues (at end of Qtr) (in ₹ crore)



\*Receivable (days billing) ■ o/s > 45 days ■ o/s < 45 days

### LPS Rules 2022 notification by MoP

- ₹ 1,177 crore received out of outstanding dues of ~ ₹ 2,400 cr

### Major Dues

- Tamil Nadu, J&K, Telangana, Uttar Pradesh

**Work in Hand : ~ ₹ 48,700 crore**

**₹ 11,200 crore**  
**Ongoing RTM Projects**

**₹ 24,700 crore**  
**New RTM Projects**

**₹ 12,800 crore**  
**TBCB Projects**

**FY24 Capex Plan : ₹ 8,800 crore**

**~₹ 5,000 crore**  
**RTM**

**₹ 3,800 crore**  
**TBCB\***

# Business Outlook 2032

Business segment	Subhead	Estimated Capex
Transmission Business	Inter State	₹1,16,500 crore
	Intra State	₹37,000 crore
	Cross Border	₹10,000 crore
	International projects	₹7,500 crore
	<b>Subtotal Transmission</b>	<b>₹1,71,000 crore</b>
Other Business	Solar generation	₹1,000 crore
	Smart Metering Infrastructure	₹15,000 crore
	Data Centre Business	₹1,000 crore
	<b>Subtotal Other Businesses</b>	<b>₹17,000 crore</b>
<b>Estimated Outlay upto year 2032</b>		<b>₹1,88,000 crore</b>

## “ATD Best Awards 2023”

- Ranked 17<sup>th</sup> amongst the Top 72 leading global companies.

## “Global Prithvi Award, 2023”

- Conferred with the prestigious award as recognition to excellence in continued Sustainability Practices of POWERGRID

**Thank You**