

09th November, 2023

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
INE752E01010**

**Sub: Presentation and Link for Video Recording of Investors &
Analysts' Meet held on 09th November, 2023.**

Dear Sir,

In terms of Regulation 30 of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015, please find attached the copy of presentation given at Investors & Analysts Meet held today i.e. on 09th November, 2023.

Link for Video Recording of this Webinar is as under:

Video:- https://apps.powergrid.in/pgdocs/2023/11/CS_AMP_091123.mp4

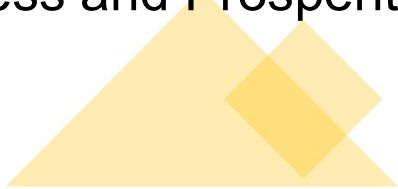
Thanking You.

Yours faithfully,

(Mrinal Shrivastava)
**Company Secretary &
Compliance Officer**



Transmitting Power
for
Progress and Prosperity



Investor
Presentation

09/11/2023

Disclaimer



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- Annual Accounts for FY 2022-23 are approved by the shareholders.

Performance Highlights



POWERGRID Overview

Major Highlights

Performance Highlights

Growth Outlook

Awards

POWERGRID Overview



A “Maharatna’ CPSE

3rd Largest CPSE
Gross Block¹

Pan India
Transmission Network

4,000 MW
Cross Border
Interconnection with
neighbouring countries

23 countries
Global Footprints

39
Subsidiaries

11
Joint Ventures²

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

POWERGRID Overview



Transmission Assets



1,76,180 ckm
1,478 nos
Transmission Lines



275
5,12,600 MVA
Sub-Stations



97,280 MW
85% of India's
IR capacity



> 99%
System
Availability

Transmitting 45% of India's Power

18 HVDC substations	62 765kV Substations	164 400kV Substations	20 SVC/ STATCOMS	62 GIS Substations	>2,90,000 Transmission Towers	>3,600 Transformers and Reactors
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Major Highlights



Declared successful bidder and Lol received for two ISTS TBCB projects in Q2FY24

Annual Tariff ₹ 361.79 crore

NCT Cost : ₹ 3,070 crore

- “Transmission system for evacuation of power from REZ in Rajasthan (20 GW) under Phase-III Part C1”.
- “Transmission system for evacuation of power from REZ in Rajasthan (20 GW) under Phase-III Part H”.

**04 ISTS TBCB projects
won in H1FY24**

Annual Tariff
₹ 703.09 crore

NCT Cost
₹ 6,393 crore

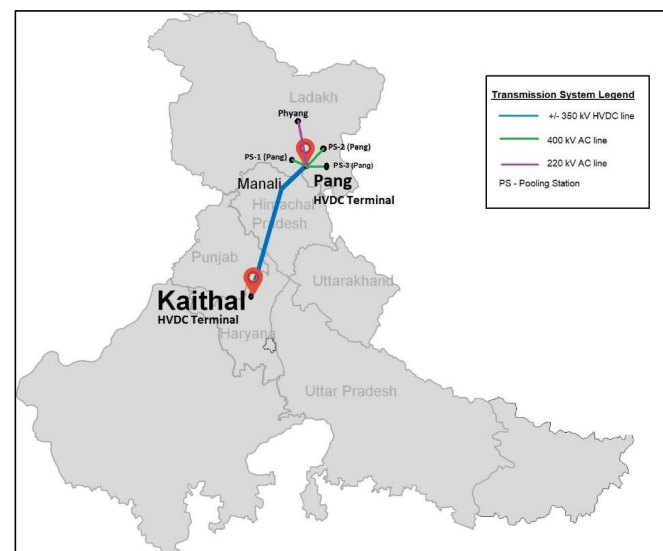
Bids for 02 projects submitted

Major Highlights



Cabinet approves* Green Energy Corridor (GEC) Ph-II – ISTS 13GW RE Project in Ladakh

- **Evacuation capacity:** 5 GW through \pm 350 kV state-of-the-art VSC HVDC transmission system between Pang & Kaithal.
- **Timeline:** FY 2029-30
- **Total Estimated cost:** ₹ 20,773.70 crore
- **CFA :** 40% of approved project cost.



Will contribute to achieve the target of 500 GW of installed electricity capacity from non-fossil fuels by 2030

Project Execution



Added

3,100 MVA

Transformation capacity

01 No

Sub-station

306 ckm

Transmission line

Successfully Commissioned

**POWERGRID Bikaner Transmission System Ltd
successfully commissioned.**

+/- 600 MVAR STATCOM at Bhadla-II Sub-station

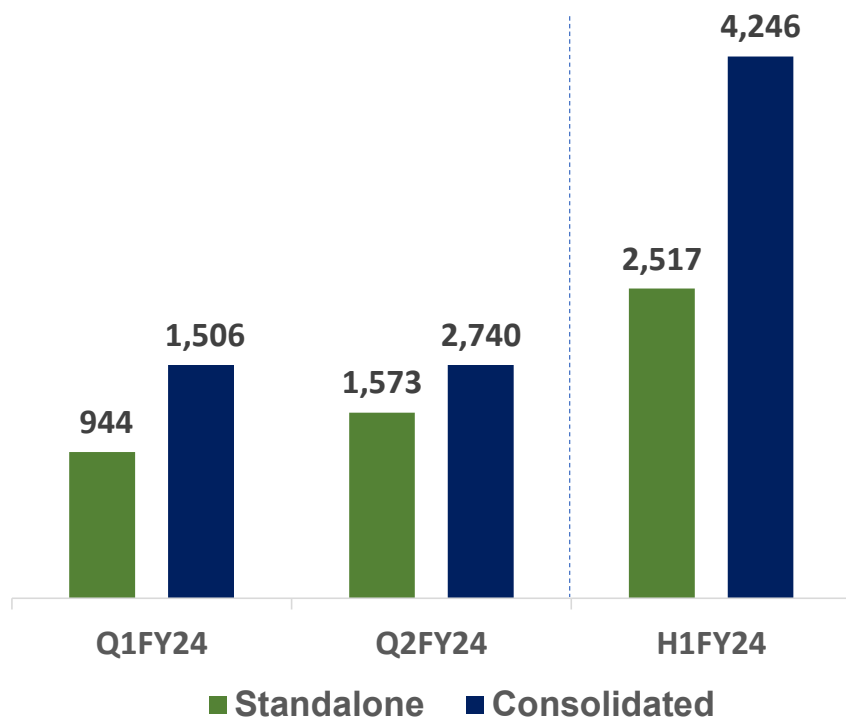
+/- 300 MVAR STATCOM at Bikaner-II PS Sub-station

**06 nos ICT at Sohawal, Fatehgarh-II, Patiala, Kochi,
Tuticorin GIS, Salakati.**

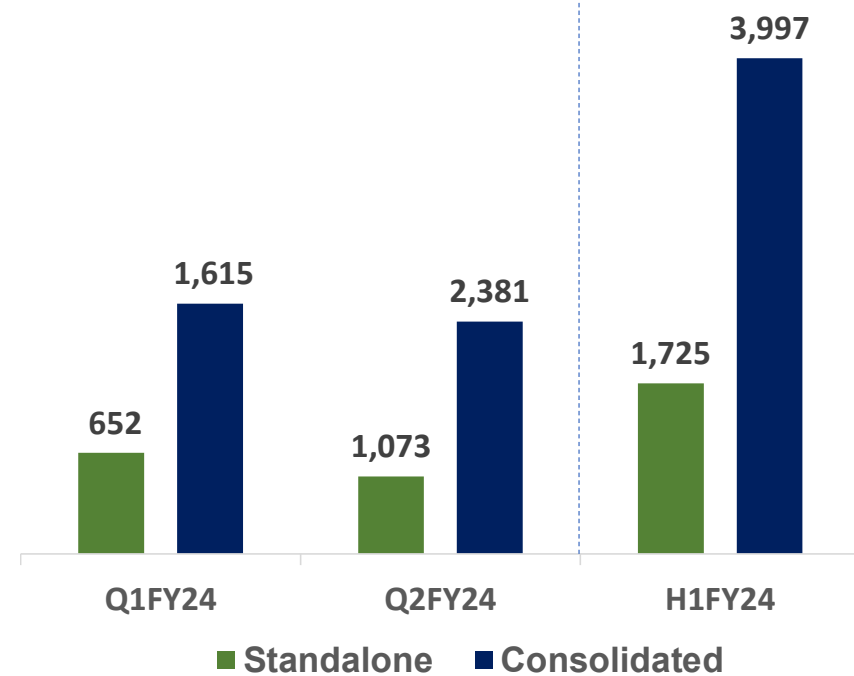
Project Execution



Capex



Capitalisation

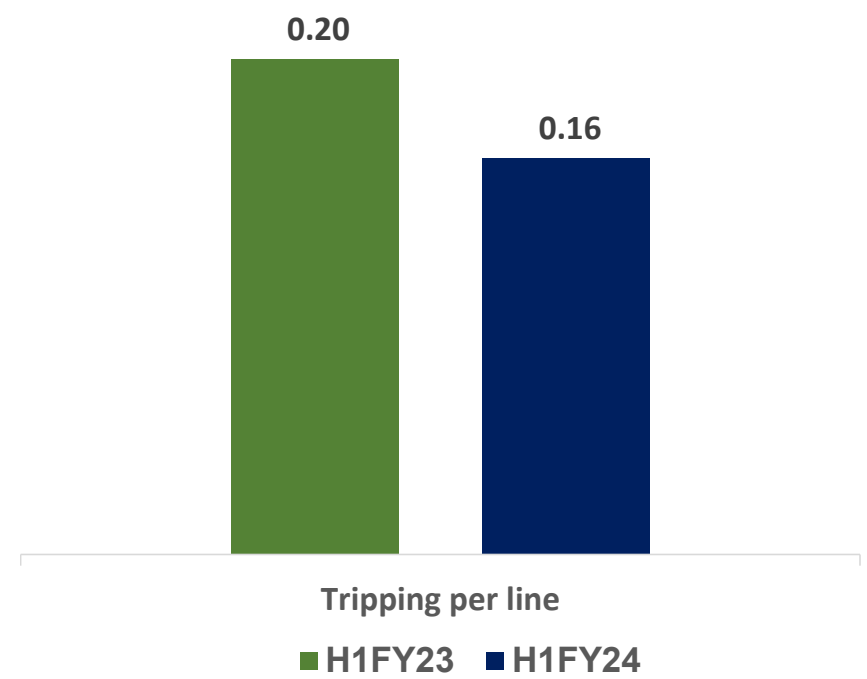
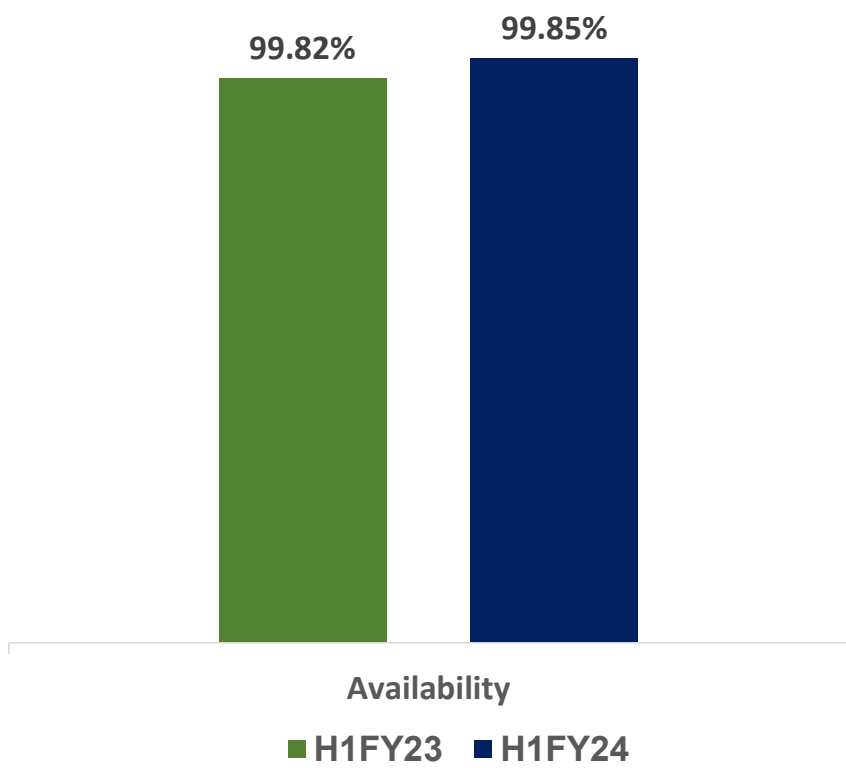


(₹ in crore)

* Exclusive of FERV

* Includes assets capitalised as Finance Lease

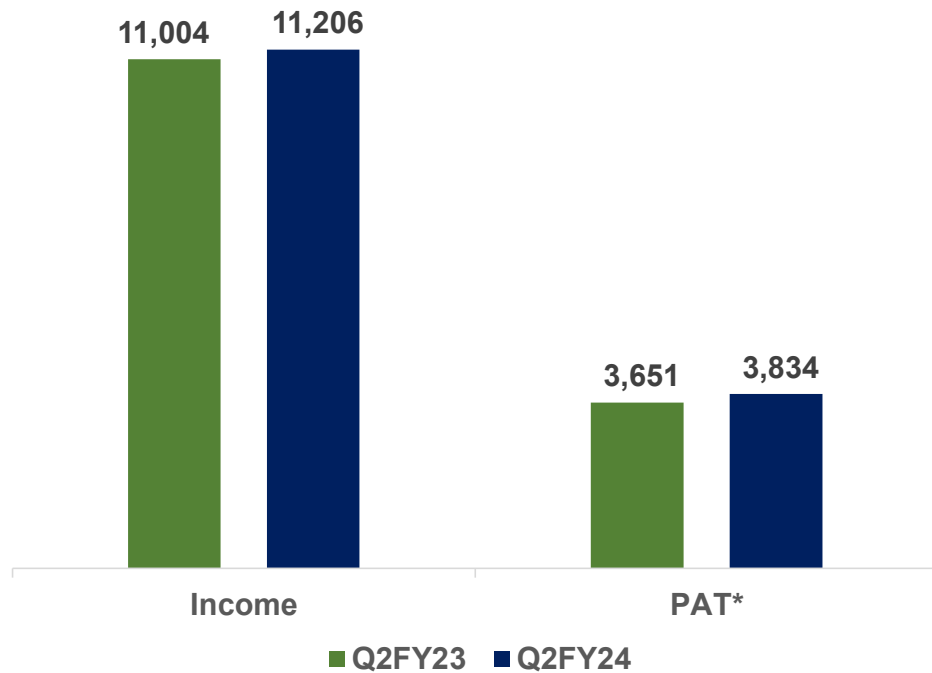
Operational Performance-H1FY24



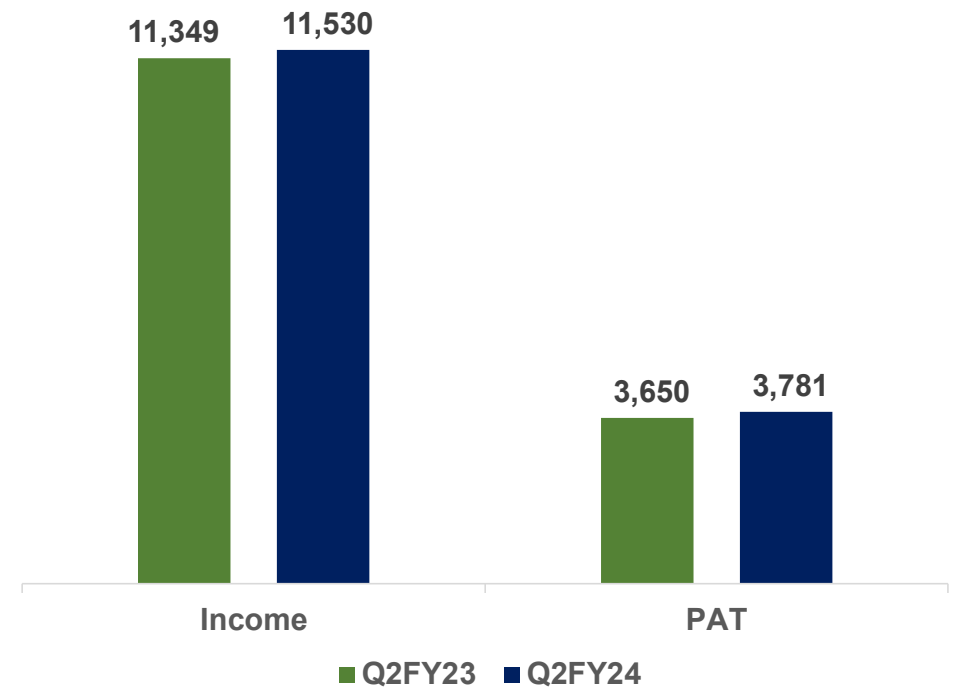
Financial Performance-Q2FY24



Standalone



Consolidated

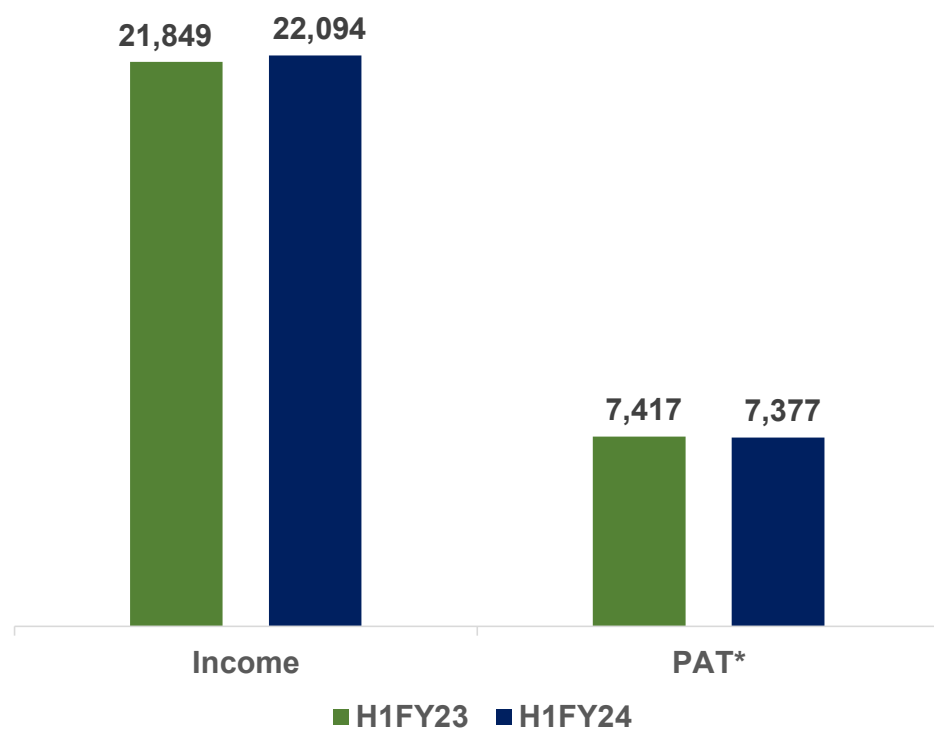


(₹ in crore) *PAT including discontinued operations

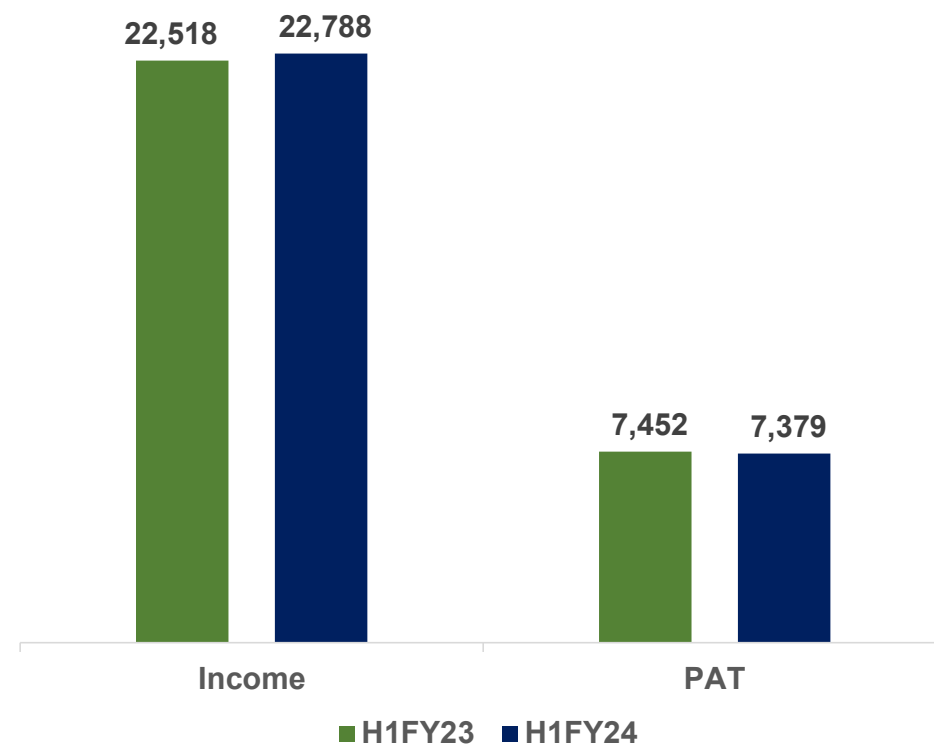
Financial Performance-H1FY24



Standalone



Consolidated



(₹ in crore)

*PAT including discontinued operations

Financial Performance



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Description	Q2FY24	Q2FY23	Growth (%)	H1FY24	H1FY23	Growth (%)
Income						
- Transmission Charges	10,288	10,335	-	20,412	20,383	-
- Consultancy Services	131	133	(2)	252	366	(31)
- Other Income	787	536	47	1430	1100	30
Total Income	11,206	11,004	2	22,094	21,849	1
Operating Expenses (including movement in regulatory deferral balance other than DTA for DTL)	1,243	1,374	(10)	2,537	2,606	(3)
EBITDA-Gross Margin	9,963	9,630	3	19,557	19,243	2
Depreciation	3,142	3,198	(2)	6,283	6,382	(2)
Interest	2,285	2,139	7	4,567	4,118	11
Tax (Net of DTA for DTL)	741	693	-	1,427	1,429	-
PAT- Continuing Operations	3,795	3,600	5	7,280	7,314	-
PAT- Discontinued Operations	39	51	(24)	97	103	(6)
Profit After Tax	3,834	3,651	5	7,377	7,417	(1)

(₹ in crore)

Financial Performance



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Description	Q2FY24	Q2FY23	Growth (%)	H1FY24	H1FY23	Growth (%)
Income						
- Transmission Charges	10,911	10,846	1	21,667	21,375	1
- Consultancy Services	154	117	32	255	328	(22)
- Telecom	202	187	8	393	353	11
- Other Income	263	199	32	473	462	2
Total Income	11,530	11,349	2	22,788	22,518	1
Operating Expenses (including movement in regulatory deferral balance other than DTA for DTL)	1,389	1,501	(7)	2,810	2834	(1)
Share of Net Profits of investments in JVs accounted for using Equity Method	(38)	(24)		(43)	(29)	
EBITDA-Gross Margin	10,103	9,824	3	19,935	19,655	1
Depreciation	3,277	3,318	(1)	6,543	6,613	(1)
Interest	2,237	2,130	5	4,454	4,096	9
Tax (Net of DA for DTL)	807	725	-	1,559	1495	-
Profit After Tax	3,782	3,651	4	7,379	7,451	(1)

(₹ in crore)

Financial Performance



Description	Standalone		Consolidated	
	As on 30.09.23	As on 30.09.22	As on 30.09.23	As on 30.09.22
Gross Fixed Assets (₹ crore)	2,57,664	2,53,047	2,73,276	2,67,256
Capital Work-in-Progress (₹ crore)	8,791	7,770	14,921	13,058
Debt (₹ crore)	1,19,850	1,28,476	1,19,850	1,28,476
Net Worth (₹ crore)	86,701	82,087	86,885	82,218
Earning Per Share (₹) [#]	7.93*	7.97*	7.93*	8.01*
Book Value per Share (₹) [#]	93.22	88.26	93.42	88.40
Key Financial Ratios				
Debt : Equity	58:42	61:39	58:42	61:39
Return on Net Worth*	8.51%*	9.04%*	8.49%*	9.06%*

[#]adjusted for post bonus issue

* Not annualised

Other Key Financial Information



Description	Q2FY24	Q2FY23
Income for previous periods (Consol.)	231	417
Int. on differential tariff	12	150
Int. from Subsidiaries & JVs*	351	270
Surcharge (Consol.)	(7)	15
Incentive (Consol.)	139	129
Dividend from JVs*	23	27
Dividend from Subsidiaries*	167	59
Dividend from Associates/Others*	27	32
CSR Expenses*	49	24
FERV (Gross Block)	201	629
Equity in TBCB- Operational*	3,666	3,166
Equity in TBCB- U/ Constn.*	447	516
Short Term Loan	-	2,100

(₹ in crore) * On Standalone basis

Average Cost of
Borrowing*
7.67% in H1FY24

* On Standalone basis

Telecom Performance



Telecom business transferred to POWERGRID Teleservices Limited (PowerTel) w.e.f 01.10.2023



₹ 202 crore
Income*

36
New Customers added

₹ 350.97 crore
Multiple year orders received

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, Bhutan, Bangladesh,
and Myanmar.

* On consolidated basis

Consultancy Performance



Consultancy services to Domestic and International clients.

₹ 155 crore
Income

02
New International assignments

17
Ongoing International assignments

05
New Domestic assignments

74
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

₹ 23,770 cr

Billing

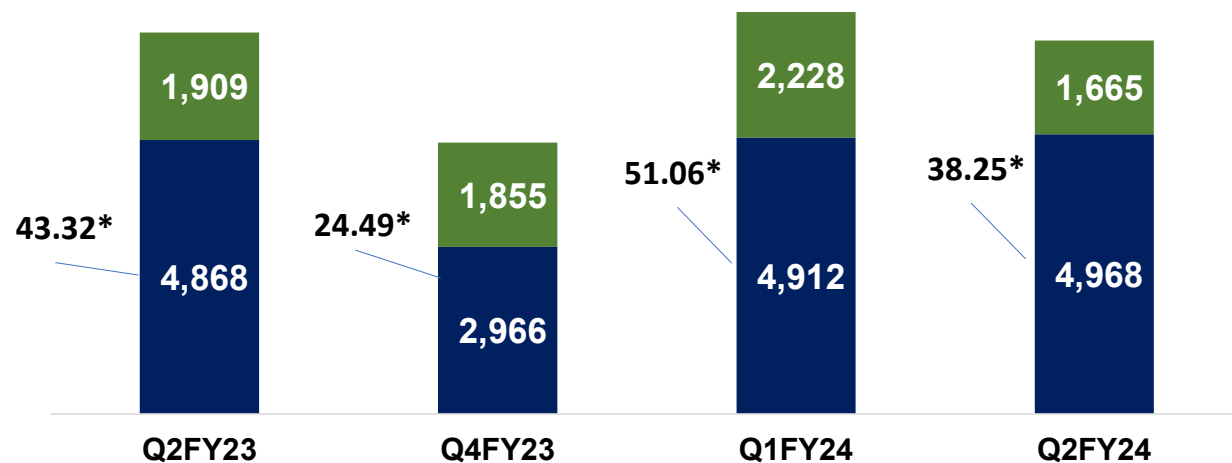
₹ 21,958 cr

Realization

92.37%

%age Realization

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

- ₹ 1,383 crore received out of outstanding dues of ~ ₹ 2,400 cr

Major Dues

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

Work in Hand



Leading Energy Transition for a Sustainable Future

Work in Hand[#] : ~ ₹ 50,500 crore

~ 70% towards Renewable Energy evacuation

₹ 9,700 crore
Ongoing RTM Projects

₹ 24,300 crore
New RTM Projects

₹ 16,500 crore
Other* Projects

FY24 Capex Plan
₹ 8,800 crore

~₹ 5,000 crore
RTM

₹ 3,800 crore
Others*

as on 30.09.23
* Incl 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
	Subtotal Transmission	₹1,71,000 crore
Other Business	Solar generation	₹1,000 crore
	Smart Metering Infrastructure	₹15,000 crore
	Data Centre Business	₹1,000 crore
	Subtotal Other Businesses	₹17,000 crore
Estimated Outlay upto year 2032		₹1,88,000 crore

Sustainability Aspirations



...towards a Greener Tomorrow



**50%
Electricity**
consumption from
renewable sources by
2025

**Net Water
Positive
organization**
by
2030

**Zero Waste to
Landfill status**
by **2030**

Net Zero
by **2047**

Awards & Accolades



“Certificate of Excellence in Learning and Development” at SHRM HR Excellence Awards.

Conferred “Dun & Bradstreet PSU Award 2023” in Power Transmission (Central PSUs) Category.

“Brandon Hall Group Excellence Award 2023” in learning & development area under the category of Best Advance in Competencies and Skill Development.

Thank You