



Power Grid Corporation of India Ltd.

Fastest Growing Electric Utility in Asia since 2014

Q2 FY 2017-18

Press & Analysts' Meet Mumbai

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Recent Highlights

POWERGRID Today

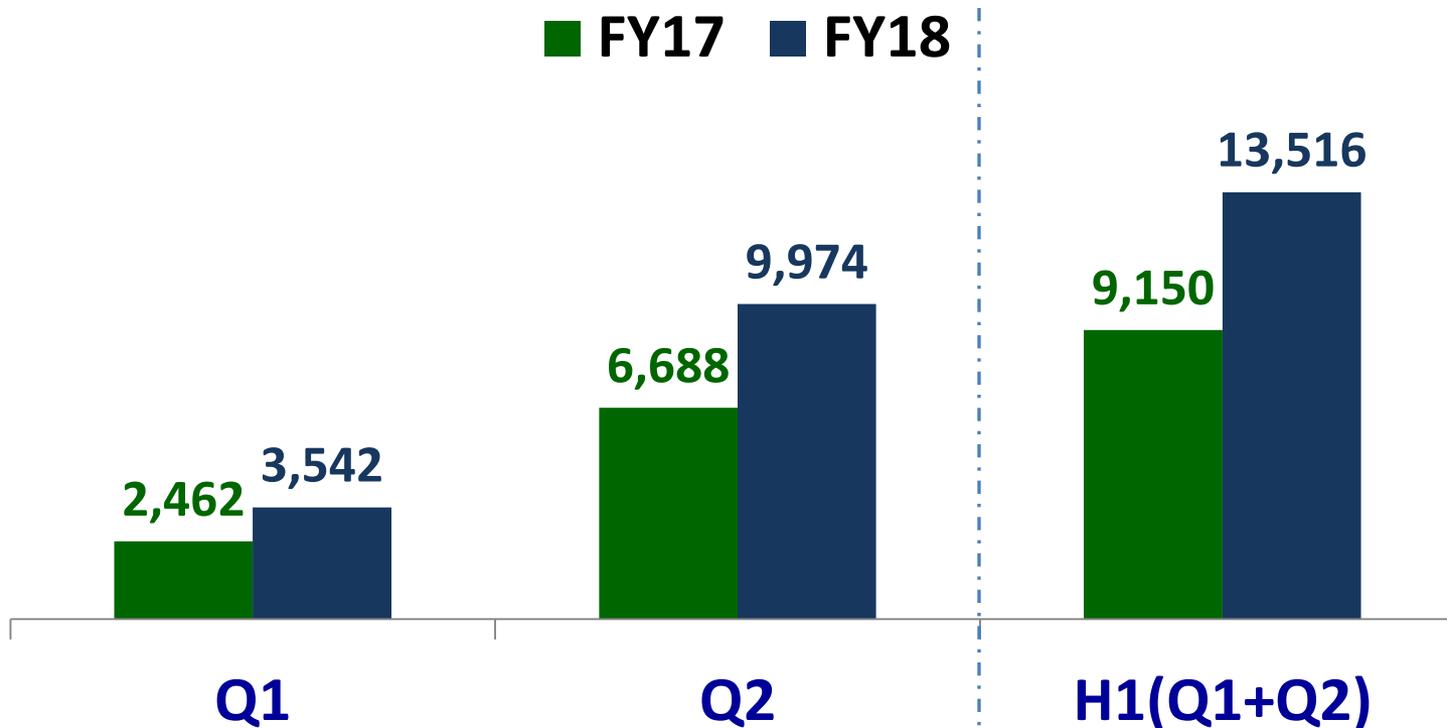
Performance (Q2FY18)

- Financial & Project Execution
 - Operational
 - Consultancy & Telecom
-

Business Outlook

Recent Highlights

Capitalization in Q1 & Q2



Capex in H1FY18: ₹ 11,949 crore

(₹ in crore)

Addn during
Q2FY18

2,266 ckm

4 Sub-stations
17,500 MVA X-fmn
Capacity

I-R Capacity
3000MW

Major Elements commissioned/ capitalized during Q2FY18

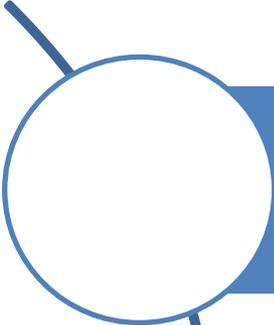
- Pole-II of Champa-Kurukshetra HVDC
- Pole-III & Pole-IV of NER-Agra HVDC
- **Major Transmission Lines**
 - 765kV D/C Maheshwaram-Nizamabad
 - 400kV D/C Kishenpur-New Wanpoh
 - 400kV D/C Lara (NTPC)-Champa (POWERGRID)
 - 400kV Mauda-Betul & Betul-Khandwa
- **Substations**
 - 765kV Maheshwaram, Alipurduar HVDC, Alipurduar Pooling Station, 400kV Betul



Charged on Oct. 31, 2017

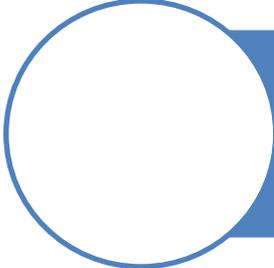
- 220kV Leh-Khalsti line (one section of 220kV Srinagar-Leh Transmission Scheme) – 62km
- Leh (220kV, 2x50MVA) & Khalsti (220kV, 50MVA) Sub-stations

***Leh & Khalsti 220kV sub-stations at 11,562 ft.
- Highest ever altitude for POWERGRID***



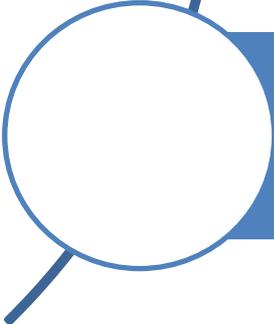
‘POWERGRID Kala Amb’ commissions project

- 1 GIS S/S; 630 MVA- 2.5 ckm tr. line



Selected as Lowest Cost Bidder for ‘ERSS-XXI’ project under TBCB

- EC Cost: ₹ 1,321 crore; ALTC: ₹ 139 crore



Comml. Operation of Phase-I of JV Co. (NHPTL) commences

Platts Top 250 Energy Company Rankings, 2017

**No.1
yet again**

**Fastest Growing Electric Utility in
Asia for 4th successive year**

Based on Platts Top250 Energy Companies Rankings 2017

**Wins 'Golden Peacock Award' for
'Excellence in Corporate Governance'**

POWERGRID Today

POWERGRID Today

A 'NAVRATNA'
ENTERPRISE

CENTRAL
TRANSMISSION
UTILITY

LISTED
COMPANY
since 2007

GOVT.
SHAREHOLDING
57.90%

PAYING
DIVIDEND SINCE
1993-94

Market
Capitalization
₹ 112,479 crore¹

~ 85%

- ISTS Transmission network owned by POWERGRID

142,990 ckm; 226 S/S
& 311,185 MVA

- Transmission Lines & substations owned by POWERGRID

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- Wholly owned TBCB subsidiaries (including 1 No. under acquisition)

“Excellent”

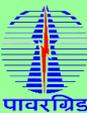
- Rating by Gol since signing of its first MoU in 1993-94

20

- Footprints outside India

Performance Q2FY18 & H1FY18

Performance- Financial (Q2 & H1FY18)



(₹ in crore)

Description	Quarter ended		Growth (%)	Half Year ended		Growth (%)
	30.09.2017	30.09.2016		30.09.2017	30.09.2016	
Revenue						
Transmission Charges	6,984	5,971		13,814	11,860	
Consultancy (Services)	113	154		323	274	
Telecom	156	130		297	241	
Other Income	239	225		448	364	
Total Income	7,492	6,480	16%	14,882	12,739	17%
Operating Expenses	696	656		1,608	1,356	
EBITDA-Gross Margin	6,796	5,824	17%	13,274	11,383	17%
Depreciation	2,234	1,877		4,366	3,634	
Finance Cost	1,868	1,587		3,630	3,105	
Tax	553	488		1,085	970	
Profit after Tax	2,141	1,872	14%	4,193	3,674	14%

Performance – Financial (H1FY18)



	(₹ in crore)	
	As on 30.09.2017	As on 31.03.2017
Gross Fixed Assets	1,63,246	1,49,730
Capital Work-in-Progress	35,033	38,942
Debt	1,25,522	1,17,198
Net Worth	51,926	49,807
Earning Per Share (₹)	8.02#	14.37
Book Value per Share (₹)	99.26	95.20
Key Financial Ratios		
Debt : Equity	71:29	70:30
Return on Net Worth	8.08%#	15.10%

Dividend Paid

- Per Share: ₹ 4.35 (FY17) vs ₹ 2.31 (FY16)
- Payout Ratio: 30% (FY17) vs 20% (FY16)

Performance - Financial (upto Sep17)



Billing & Realization

Billing

₹ 13,071 crore

Realization

₹ 13,059 crore

%age realization

99.9%

As on 30.09.2017

Total Outstanding

~ ₹ 2,847 crore
(40 days billing)

**Transmission Outstanding
(beyond 60 days)**

~ ₹ 881 crore
(12 days billing)

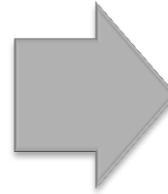
**Billed but not outstanding
(<60 days allowed as per CERC)**

~ ₹ 1,966 crore
(28 days billing)

Tripartite Agreement (TPA) signed by 27 out of 33 States & UTs; Others in Progress

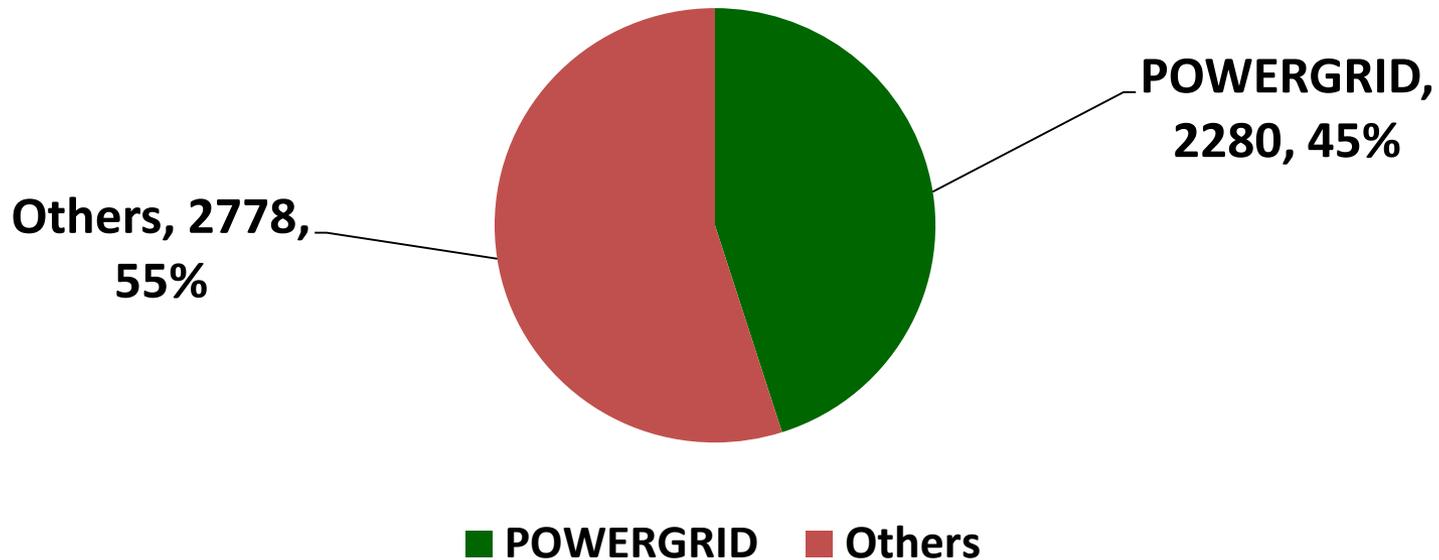
Status of TBCB Projects (As on 31.10.2017)

Participation
25 Projects



Success (Nos.)
11 (44%)

POWERGRID Share in ALTC (Participated Projects)



Operations: (upto Sep'17)

**Assets as on Sep
30, 2017**

- **Trans. Lines: 1109 Nos.- 142,990 ckm**
- **Sub-stations: 226 Nos.- 311,185 MVA**

POWERGRID Standalone Assets

**Performance
during H1FY18
(Apr17-Sep17)**

- **Availability: 99.83%**
- **Reliability: 0.36 Trippings/line**

**TBCB Assets-
Projects/
Elements
completed**

6 nos. lines - 1,678 ckm

1 No. S/S - 630 MVA

Consultancy – H1FY18

Income from Consultancy: ₹ 323 crore (18%↑ over H1FY17)

Domestic

- 3 New Orders in Q2FY18
- 100 Assignments in Hand
- Orders under Development - J&K (Smart Grid); Andaman & Nicobar Islands (Energy Management Centre); Puducherry (S/S) etc.

International

- 14 Assignments in Hand – Nepal, Bhutan, Fiji, Bangladesh, CASA
- 3 New Proposals submitted – Bangladesh, Nepal & Mali
- Exploring Participation in Transmission Auctions in Brazil (Dec'17)

Income from Telecom: ₹ 297 crore (23%↑ over H1FY17)

38 New Clients (Govt./ Pvt.) in Q2FY18

➤ **Infrastructure:**

- Fiber Optic Network : ~ 42,000km
- Points of Presence : 650
- Backbone Availability : 99.99%

➤ **Services Offered: Leased Lines, MPLS, Internet Leased Lines**

➤ **Partnering GoI initiatives:**

- National Knowledge Network
- BharatNet

➤ **Opportunity to utilise Transmission Towers for Telecom**

Business Outlook

Ongoing Projects	approx. ₹ 88,000 crore
New Projects	approx. ₹ 3,000 crore
TBCB Projects	approx. ₹ 18,000 crore (as per Empowered Committee Estimate)
Total Works in Hand	approx. ₹ 1,09,000 crore

FY18 Capex Plan: ~ ₹ 25,000 crore

**Transmission
(TBCB)-
~ ₹ 12,800
crore**

Inter-State:

~ ₹ 4,200 crore - 5 projects – under various stages of bidding

~ ₹ 1,100 crore- 6 new projects recommended by EC in Oct-17

Intra-State:

~ ₹ 7,500 crore – 6 projects in 2 States (1-UP; 5- Jharkhand)

**Transmission
(Intra-State):**

JV formation with States being pursued

Railway Electrification

Railways accelerates its target for track electrification - To achieve 100% electrification by 2021-22

Prepared ₹ 35,000 crore plan for electrification of 33,000 Route km (Rkm) by 2021-22

POWERGRID identified as one of the agencies to help achieve the desired targets

POWERGRID already implementing a pilot for 761 rkm

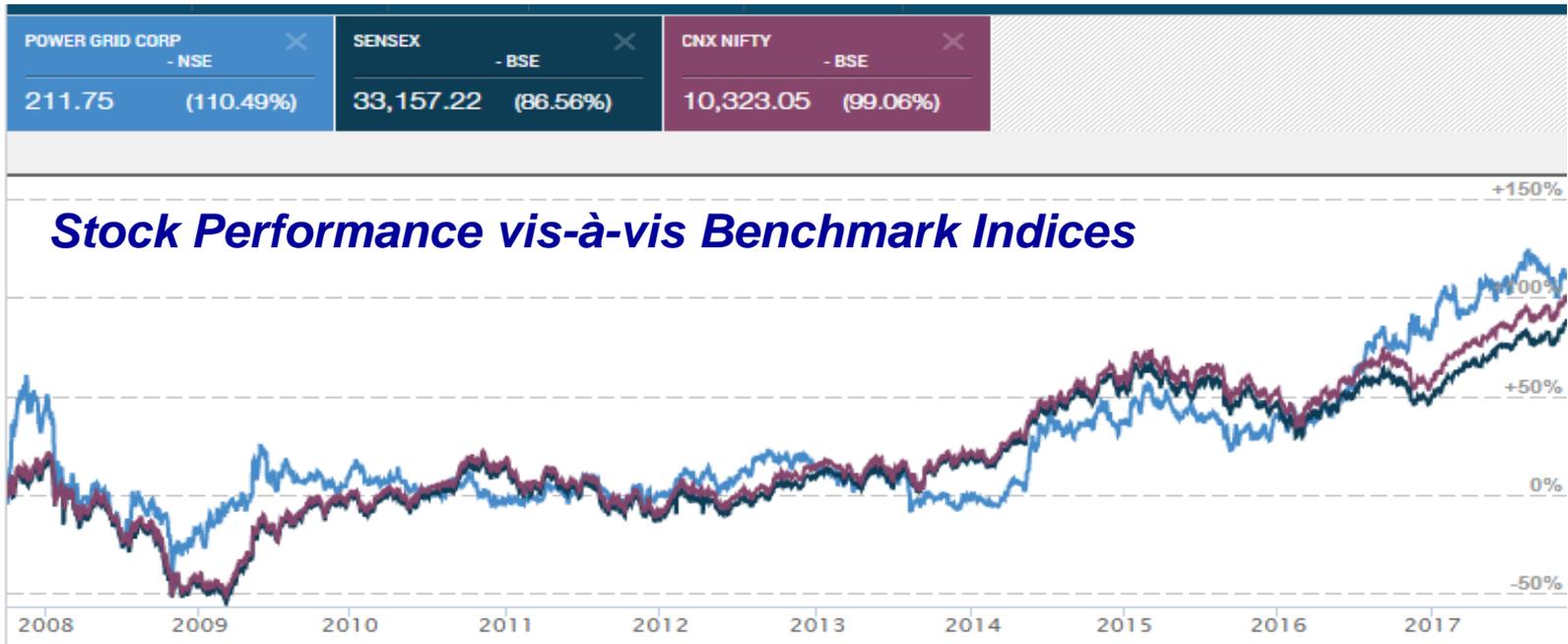
Latest Development

- **New Order from Railways expected**

Committed to Creation of Wealth for Shareholders

Share Price growth: >4x since IPO in 2007

Market Capitalization: ₹ 1,12,479 crore



Thanks to Investors for continued faith in the Company

Thank You

*Presentation available at
www.powergridindia.com*