### Welcome to the 23rd Annual General Meeting of Reliance Power





# "If you can Dream it, you can do it"

#### PADMA VIBHUSHAN DHIRUBHAI H. AMBANI

Our Legendary Founder December 28, 1932 - Forever



### **Forward looking statements**

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#### **Overview**

**Transformation of Indian Economy & Power Sector** 

**Opportunities within challenges** 

**Reliance Power strategically poised for better opportunities** 



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# Agenda



### **Performance Overview**

### **Financial Performance**





### CSR & Awards



#### Summary





Power

Amongst India's top 3 leading Private Power GenCo's

hermal Power Plants - amongst top 10 plants in the country

vering robust operational & financial performance consistently

nomic Times "Power Focus" award for excellent contribution to the Indian Power Sector

Sasan Mine - Largest private sector coal producer in India arded "National Safety Award" by Hon'ble President of India

cognized for initiatives in CSR, Environment, Health & Safety





### **Performance Highlights FY 2016-17**

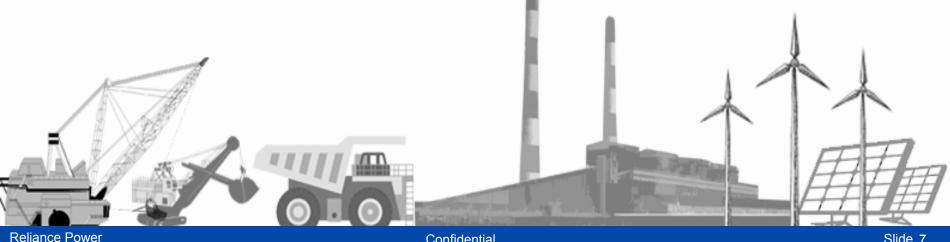
RPower Plants (5945 MW) operated at availability more than 90%

Thermal Projects PLF 79% - Far exceeds all India thermal PLF of 60%

Capacity of ~2% of country's installed capacity, contributed 3.6% of Energy

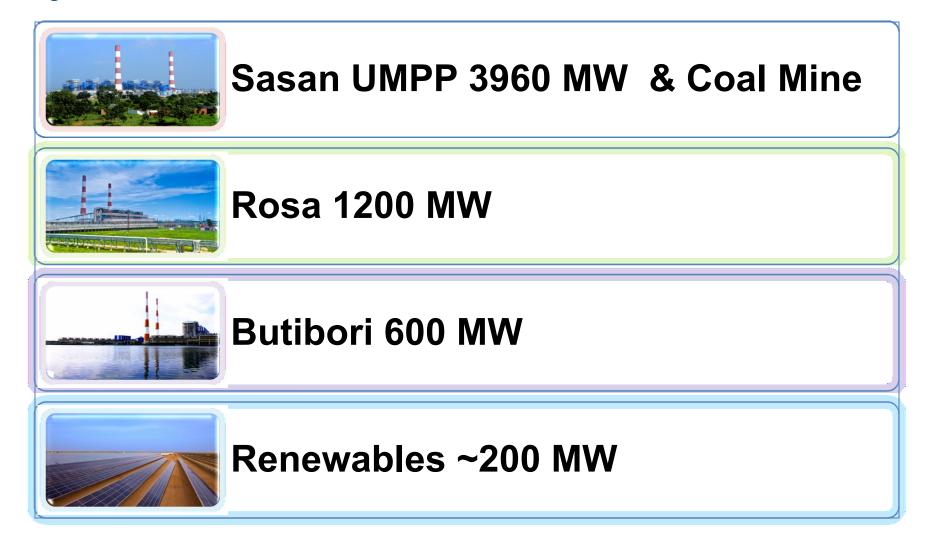
Y-o-Y Net Profit growth by 23%

PPA and Project agreements signed for Implementation of 750 MW Phase-I Integrated Gas Power plant and FSRU based LNG Terminal





#### **Projects Overview**





#### **3960 MW Sasan UMPP**

#### World's Largest Integrated Coal Mine and Power Project



### 3960 MW Sasan UMPP & 20 MTPA Coal Mine



20 MTPA Coal Production capacity "State of Art" mining equipment Largest Size HEMM Dragline (62 m3) - 2 nos. Shovels (42 m3) - 6 nos. Dumpers (240 T) – 55 nos. FEL (42 m3) – 2 nos.



Cheapest, fastest conveying system 14.2 km length 4500 T/hr conveying capacity 5.6 m/s belt speed, Electric drive – VFD driven Environment friendly

Plant capacity 6\*660 MW (3960 MW) Super Critical Technology Best in class efficiency Less carbon emission Low coal consumption



#### **3960 MW Sasan UMPP**

Provides power at most competitive tariff in the country to 14 DISCOMs in 7 states

Low cost power to save ~₹3 Lakh Cr for procurers over 25 year PPA

Best-in-class operating performance in FY17 - PLF of 85%

Plant generated 29.5 BUs in FY17

Station highest generation of 2849 MUs at corresponding PLF of 100% in April'16

Awarded with the International Safety Award by British Safety Council, UK





#### Sasan Captive Coal Mines – 20 MTPA

Moher & Moher Amlohri is largest coal mine in India based on "Gross annual excavation" in FY16-17

17 Million MT of coal produced; 74 Million BCM overburden removed in FY17 Total volume handled is 85 MCuM

Highest amongst all Coal Mines in the Country

Since inception, in 5 years produced 45 MT coal and 218 MBCM OB - Highest Productivity Standards

Coal Mine has won 3 awards in Platinum category for Environment protection





#### **1200 MW Rosa Power Project**

#### **Providing reliable power to State of Uttar Pradesh**







#### **1200 MW Rosa Thermal Power Plant**

Ensuring energy security for State of Uttar Pradesh

Generation of 7.9 Billion units, 100 % availability

Achieved best operating parameters despite low demand

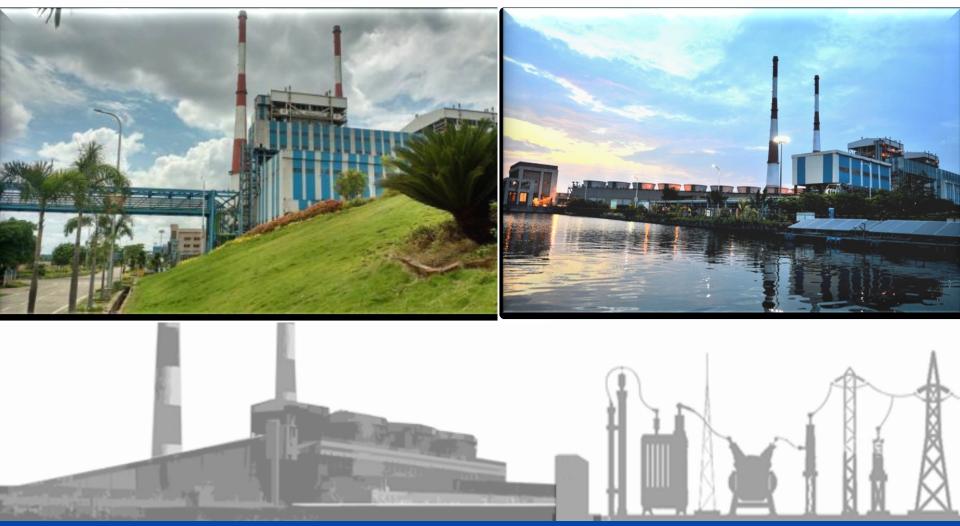
Consistently delivering robust operational and financial performance since inception





### 600 MW Butibori Power Project

#### **Ensuring Uninterrupted power supply to Mumbai Distribution Area**







#### **600 MW Butibori Thermal Power Plant**

Ensuring reliable power supply for Mumbai distribution area

Generated 3.7 Billion units; Operated at availability of 88%

Achieved best operating parameters despite low demand

Continues to deliver strong operational and financial performance



# Dhirubhai Ambani Solar Park (100MW-CSP & 40MW-PV)

Contributing to Govt. of India's National Solar Mission







#### 40 MW Solar PV Plant

Plant operated at 100% availability

Generation of 70 million units at PLF of 20%

Consistent operating performance over the years

Contributing to the diversification of clean and green portfolio of Reliance Power





#### **100 MW Solar CSP Plant**

World's largest Solar Plant based on CLFR technology

Energy export recorded sharp increase by 320 percent - from 15 MUs in FY16 to 63 MUs in FY17

Highest Peak Load of 133 MW achieved on 30th March, 2017

Highest Generation of 0.79 million units with PLF of 33% on 30th March, 2017





### Vashpet Wind - 45MW

#### Contributing to Govt. of India's Mission of clean & green energy





#### **45 MW Wind Power Plant**

2.5 MW – Wind Turbine Generator, the largest operating in the country

Generated 79.33 million units, Operated at 91% availability

Contributing to the diversification of clean and green portfolio

Demonstrated best-in-class performance





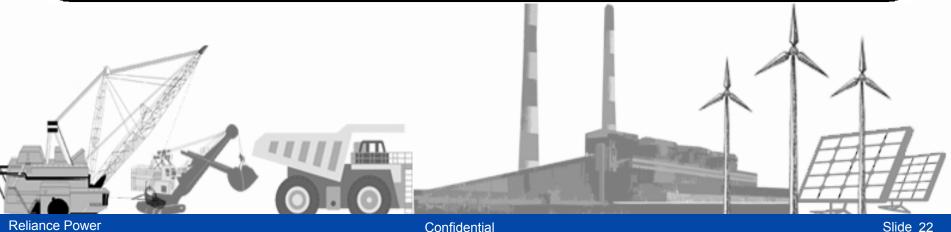
### **Uniqueness of Operating Portfolio**

Largest integrated Power & Coal Resources Company in the Country

Well diversified Generation Portfolio

Plants and Coal mine delivering best-in-class performance

Have set new benchmarks in operational excellence

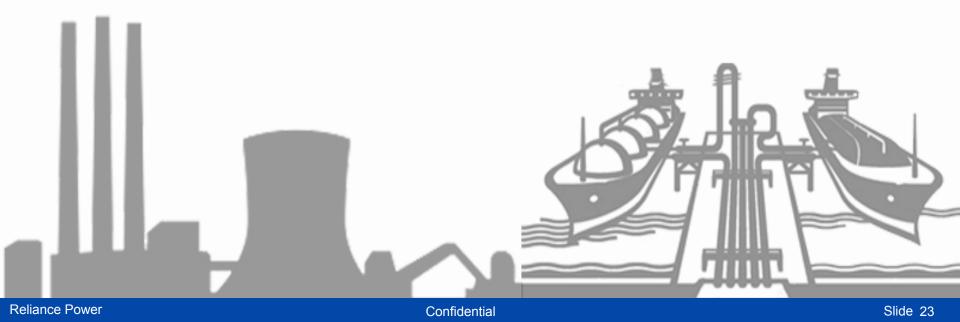




### **Project under Implementation**

# 750 MW Gas based Combined Cycle Power Project and LNG Terminal in Bangladesh (Phase-I)

#### Largest Foreign direct investment in Bangladesh over ~US \$1 Billion (₹ 6500 Cr)



#### **Power Project & LNG FSRU Terminal - Bangladesh**

To develop 750 MW Power Project at Meghnaghat, Bangladesh under Phase- I of the 3.000 MW LNG based Combined Cycle Power Project

LNG terminal with re-gas capacity of 500 mmscfd to be set up offshore of Kutubdia Island

Upon implementation, the project would be the largest FDI in Bangladesh with investment of around US\$ 3 bn

- I OL /Latter of Intent) leaved by Dengladeab Dewar Development Deard

Risk management efforts for Samalkot project have made a clear headway with commencement of implementation of Phase-1 in Bangladesh

Commissioning of the project enhances the top-line and bottom-line financials significantly



#### 3960 MW - Tilaiya UMPP

April 2015 – Terminated PPA due to non-fulfilment of land acquisition related obligations by procurers for over 5.5 years

Steps are being taken to transfer SPV to Procurers

SPV Transfer is in advance stage of completion

To get : mutually agreed compensation towards expenses incurred and

Effectively reduces future CAPEX pipeline by ₹ 36,000 Cr. Reduces future debt of ₹ 27,000 Cr Reduces future equity commitment of ₹ 9,000 Cr.



#### 3960 MW - Krishnapatnam UMPP

Initiated dialogue with procurers

Resolution being shaped on the lines of Tilaiya UMPP

To get back Bank Guarantees of ₹ 300 Cr.

RPower to get mutually agreeable compensation towards expenses incurred on

Effectively reduces future CAPEX pipeline by ₹ 20,000 Cr. Reduces future debt of ₹ 15,000 Cr Reduces future equity commitment of ₹ 5,000 Cr.





# **Financial Performance**

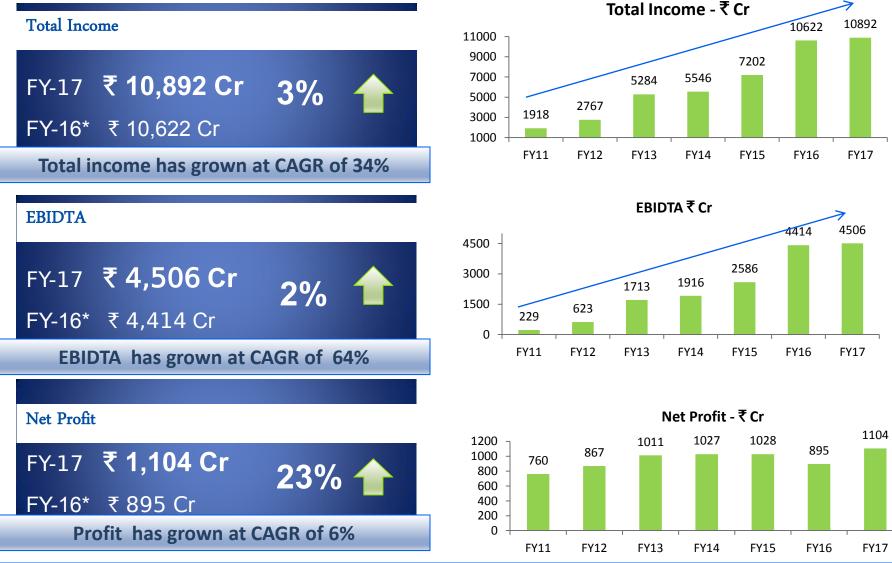


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#### **Consolidated Financials FY17**



\* FY16 figures restated pursuant to adoption of Ind AS from 1<sup>st</sup> April, 2016 in accordance with Companies Act, 2013



#### **Financial Highlights – FY17**

Over ₹ 50,000 Cr of Capex completed

Conservatively financed Debt to Equity ratio

Consistently delivered Profit; cash flows & well capitalised balance sheet

Continuously exploring Financial Innovation for value maximization







# **CSR & Areas of Excellence**



Committed to improve community well being through – Education, Healthcare, Rural Transformation, Environment, Sanitation

Providing promotive, preventive & curative Healthcare facilities

#### **Corporate Social Responsibility**

Augmenting Education with initiatives like running English medium schools, supporting & building infrastructure, providing learning Kits to Govt. schools

Providing livelihood opportunities through SHGs, Youth & Farmer focused programs

Lighting up villages with solar power and micro grid connectivity

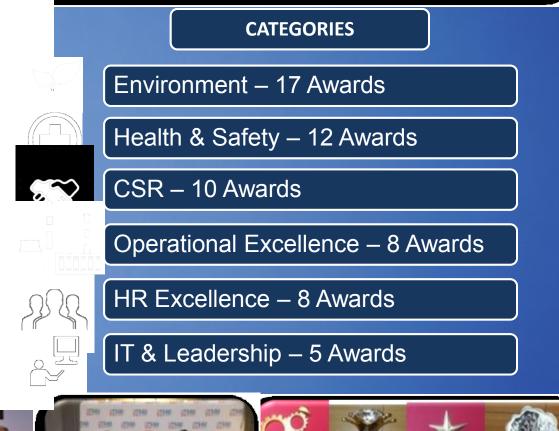
Swachh Bharat Abhiyan - Promoting hygienic practices in schools & earmarked villages

Fostering inclusive growth & prosperity by positively impacting more than 75,000 lives across 70 villages



#### Areas of Excellence

Highest number of awards received across power stations – 60 in FY17



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#### **In Summary**

Completed Phase I – Growth, delivering a strong operating portfolio

- -~6,000 MW of operating capacity
- 20 MTPA coal mine Largest Private Sector Coal Producer in the country

#### **Focus on Operational Excellence**

- All Power Plants and the Coal Mine delivering "Best-in-Class" operating performance

#### Project under implementation on fast track

- Kick started implementation of Integrated Gas based capacity of 3000 MW in phases with LNG Terminal of 500 mmscfd in Bangladesh
- Risk management efforts for Samalkot have made a clear headway with implementation of Bangladesh project



#### **Strong Financials**

- Conservatively financed one of the lowest debt-equity ratio
- Consistent Profitable track record



Committed to Value Accretive Growth while remaining financially conservative

- Continue to explore value accretive organic / inorganic growth opportunities having synergies with the existing portfolio

"Committed to delivering operational & financial excellence with focus on society and environment"

# Thank You

# Reliance Power Limited







