

Reliance Power Limited

Corporate Presentation

May 2013



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Agenda

Company Overview

Operational and Financial Performance

Performance of operating plants

Progress of projects under implementation

Section 1

Company Overview

Reliance Power: A Snapshot



One of India's leading power development company



Largest portfolio of power projects under construction and development in the private sector



Largest coal reserves amongst private power generation companies



Portfolio well diversified by fuel, fuel-source , geography and offtake



Focus on environmentally friendly technologies



Reliance Group's brand, experience and position in the Indian Power Sector



Power Generation



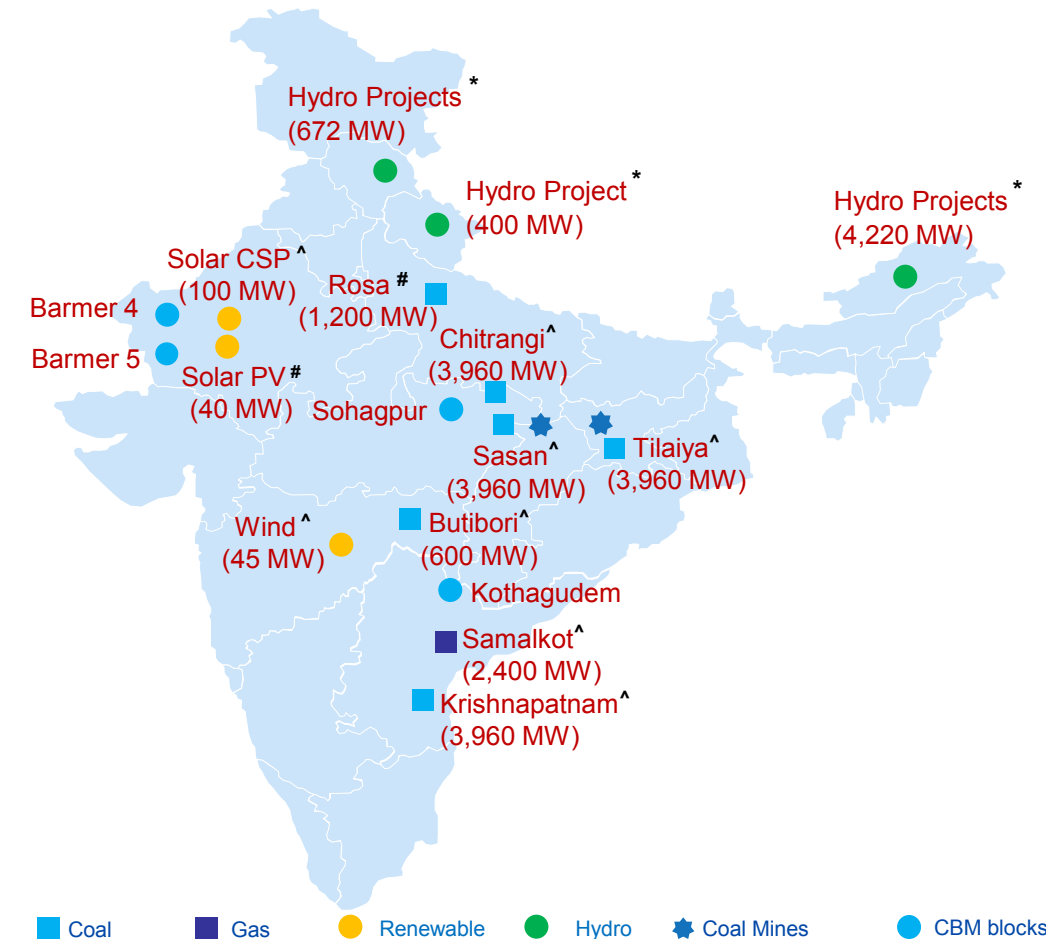
- 2,500 MW of operational capacity
- Over 20,000 MW under implementation
- Constructing India's largest gas-based power plant of 2,400 MW
- Won 3 of the 4 UMPPs awarded by GoI
- One of the largest capacities of renewable energy projects under construction in India

Resources



- 3 captive coal blocks in India with aggregate coal reserves of c. 2 bn tonnes
- Coal production started at Moher Mines (Sasan) - peak production 20 million tonnes per annum
- 3 coal concessions in Indonesia with estimated coal resources of c. 2 bn tonnes
- Planned peak coal production of 95 million tonnes
- 4 Coal Bed Methane (CBM) blocks

Reliance Power: Projects Portfolio



Operating Projects; ^ Projects Under Construction; * Projects Under Development

Power – Operation

Project	No.	Capacity (MW)
Coal based	1	2,460
Solar	1	40

Power – Implementation

Project	No.	Capacity (MW)
Coal based	5	15,180
Gas based	1	2,400
Solar	1	100
Wind	1	45

Power –Development

Project	No	Capacity (MW)
Hydroelectric	12	5,292
Coal based	1	~5,000

Resources

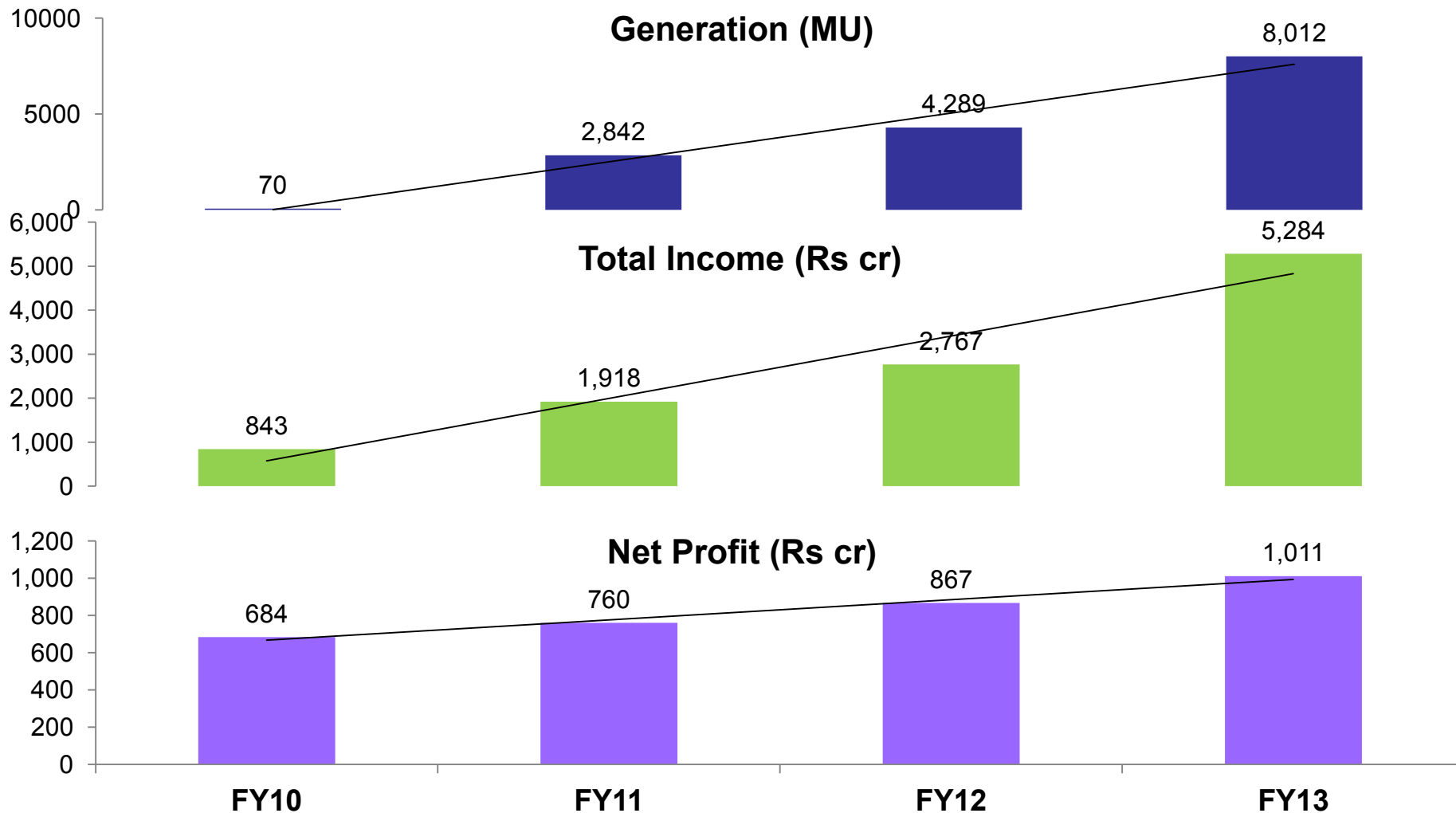
Asset	No	Resources
Coal blocks-India	3	~ 2 bn tonnes
Coal mine-Indonesia	3	~2 bn tonnes
CBM blocks	4	193.92 BCM

Generation portfolio is well diversified by fuel type, offtake and location

Section 2

Operational and Financial Performance

Operational and Financial Performance



Over 8 billion units generated in FY13; net profit of over Rs 1,000 crore

Highlights of FY2012-13

Rosa

- Record annual generation - 8 bn units
- Annual availability 92%

Solar PV

- Generation of 60 million units,
- 17% annual PLF, record monthly PLF of 23% in March

Butibori

- Entire capacity ready for generation
- One unit declared commercial (4th April 2013)

Sasan

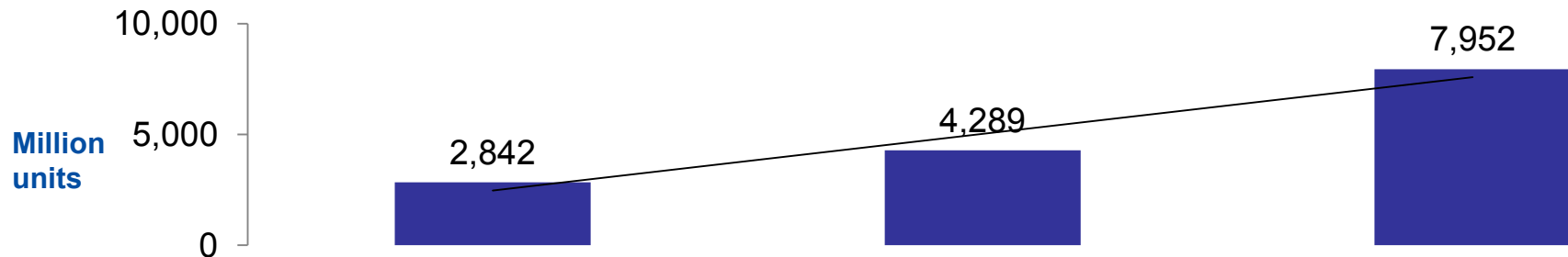
- Coal production started in September 2012
- First unit commissioned

Section 3

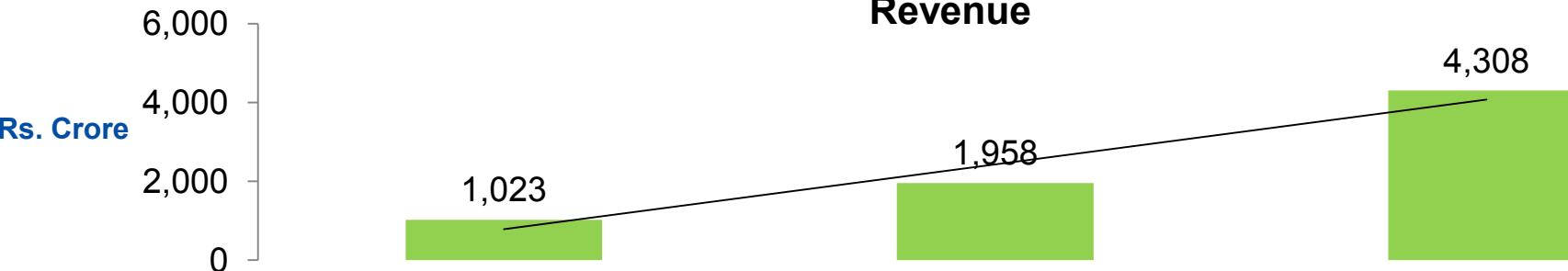
Performance of operating plants

Rosa: Performance over the years

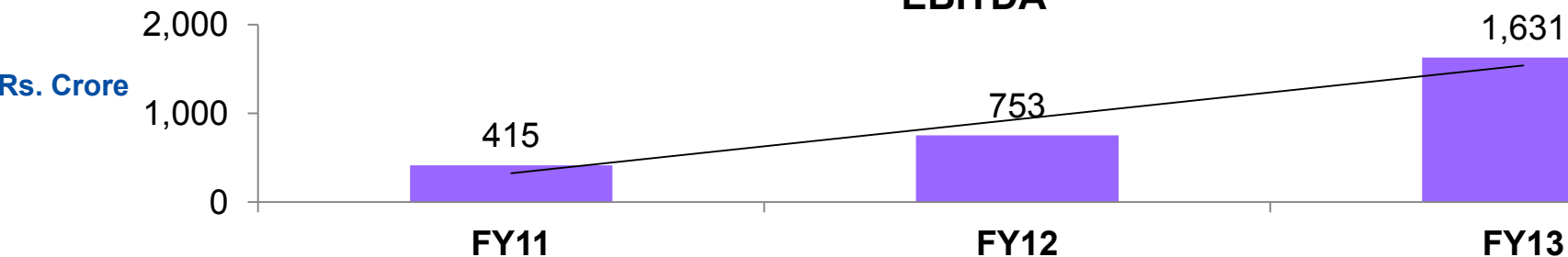
Generation



Revenue

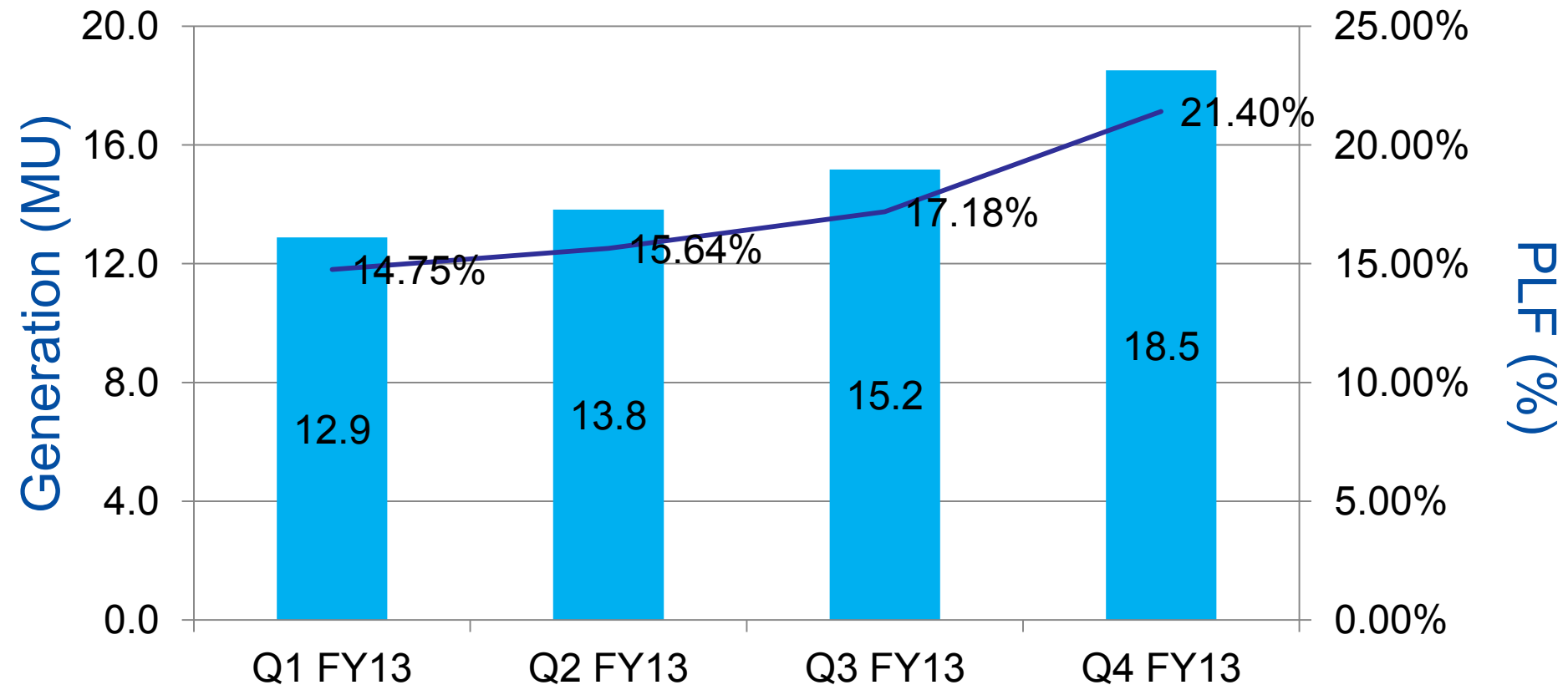


EBITDA



Consistent growth in generation and profits over the years

40 MW Solar PV: Operational Performance



Annual PLF of 17% in first year of operation

Section 4

Projects under implementation

600 MW Butibori, Maharashtra

- Both units ready for generation

- Currently supplying power to Rlnfra through medium term PPA (till March 2014)

- Signed long term PPA with Rlnfra for sale of power from FY15 at regulated tariff
- MERC approval received for first 300 MW, second 300 MW to be approved on obtaining NOC from MIDC

- FSA's expected to be signed shortly

To have long term power supply tie-up from next year

3,960 MW Sasan UMPP, MP

- 
- First unit commissioned in March 2013

- 
- Coal production from Moher Mines started in September 2012
 - Sufficient coal stock at plant for smooth operations

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- All major coal mining equipment deployed at site
 - Dragline assembly in progress

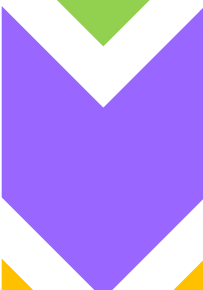
- 
- All subsequent units expected to be commissioned on schedule

First unit commissioned in March 2013

2,400 MW Samalkot, Andhra Pradesh

- 
- Four gas turbines ready for generation

- 
- Combined cycle commissioning to be based on gas availability

- 
- Evaluating multiple options for gas sourcing

- 
- Hopeful of early resolution of gas related issues

45 MW Vashpet Wind, Maharashtra

PPA

- PPA signed with R-Infra, regulated tariff of Rs 5.67/unit

EPC Contract

- Signed with Global Wind Power Limited (GWPL) & Global Wind Infrastructure & Services Pvt Ltd (GWISPL)

Construction Activities

- All turbines erected
- 16 turbines (40 MW) commissioned

Financing

- Financial closure achieved
- 90% debt drawdown completed

Entire capacity to be commissioned shortly

100 MW Solar CSP, Rajasthan

PPA

- Signed with NVVN at a levelized tariff of Rs 11.97/unit

EPC

- Signed with R-Infra
- AREVA to provide Solar Field technology supply

Financing

- Financial closure achieved with involvement of US Exim, ADB, FMO and others

Construction

- Construction at site in full swing

To be commissioned by the end of the year

3,960 MW Chitrangi, MP

Land

- Entire govt. land under possession
- Entire private land awarded, mutation and diversion completed

Water

- CWC clearance for water from Gopad received

Construction

- Site leveling completed
- Main plant civil work ready to commence

Coal

- Awaiting Stage II forest clearance for Chhatrasal

To commence construction after forest clearance of Chhatrasal mines

3,960 MW Tilaiya UMPP, Jharkhand: Highlights

Land

- Private land (186 acres): Ownership Transferred
- Forest land (1220 acres): Stage II Forest Clearance received. Final handover expected shortly
- Govt. land (167 acres): Final approval expected shortly

R&R

- R&R survey complete , R&R plan submitted to district administration

CSR

- Medical camps, Hand pump installation, Blanket distribution taken up
- NGOs identified and SHGs being formed for livelihood generation

Financing

- Escrow Assessment study completed; ESIA/ESMP to meet IFC Performance Standards prepared
- Discussion with overseas & domestic banks in progress

Progress being made on all aspects of project development

Tilaiya Coal Mines, Jharkhand: Highlights

Land

- Application for Section 4 notification under approval at State revenue dept.
- Forest Diversion proposal under approval at State Forest Department

R&R

- Socio-economic survey completed
- LA proposal for 988 acres of land for R&R colony with State Revenue Dept. for issuance of Section 4

EC & FC

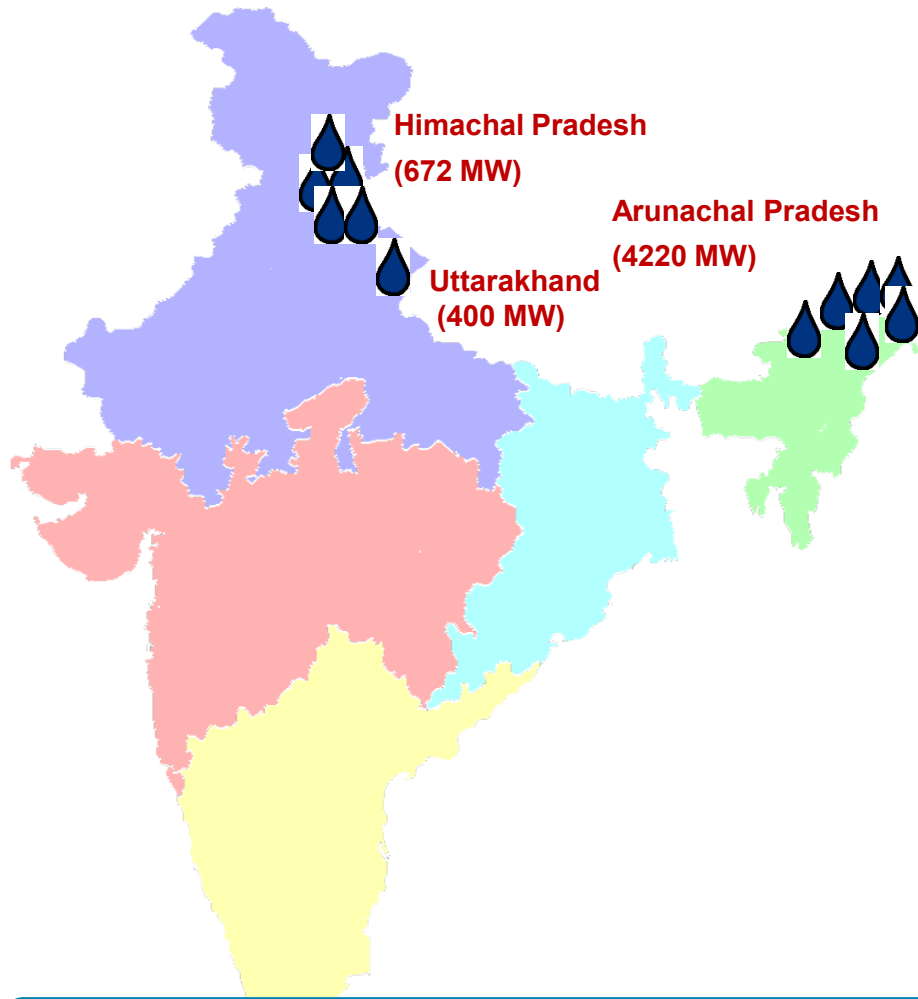
- EIA/EMP submitted to MoEF; public hearing conducted in May 2012
- Stage-I Forest Clearance being processed for recommendation by State Govt.

Coal Mining

- Mining lease application with State Mining Dept. for prior approval to Govt.
- NIT issued for major equipments; Discussions with OEMs in progress

Issuance of Section 4 notification under consideration

5,292 MW Hydro Portfolio



Project	Location	Capacity (MW)
Tato II	Arunachal Pradesh	700
Siyom	Arunachal Pradesh	1,000
Kalai II	Arunachal Pradesh	1,200
Urthing Sobla	Uttarakhand	400
Emini	Arunachal Pradesh	500
Amulin	Arunachal Pradesh	420
Mihundon	Arunachal Pradesh	400
Purthi	Himachal Pradesh	300
Teling	Himachal Pradesh	94
Shangling	Himachal Pradesh	44
Sumte Kothang	Himachal Pradesh	130
Lara Sumta	Himachal Pradesh	104
		5,292

Development activities in progress for each project

700 MW Tato-II, Arunachal Pradesh: Status Update

Land

- Award for entire project land (786 acres) pronounced by State Govt.
- R&R Plan submitted to GoAP for approval & implementation

Techno-Economic Clearance

- Techno-economic clearance obtained from CEA

Environmental Clearance

- Environmental clearance and Consent to establish obtained

Power Sale

- PPA signed with Delhi Discoms for 60% power. Regulatory approval in process
- PPA signed with Mumbai Discoms for 40% power. Regulatory approval in process

Project at advanced stage of development

Indonesian Coal: Highlights

51,000 m of drilling completed in all 3 concessions

JORC Resources and Reserves certified by Marston, USA

All major clearances obtained

Detailed mine plan for commencement of mining prepared

Coal production to start in 2013

Thank You
