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# The Tata Power Company Ltd. November 2013





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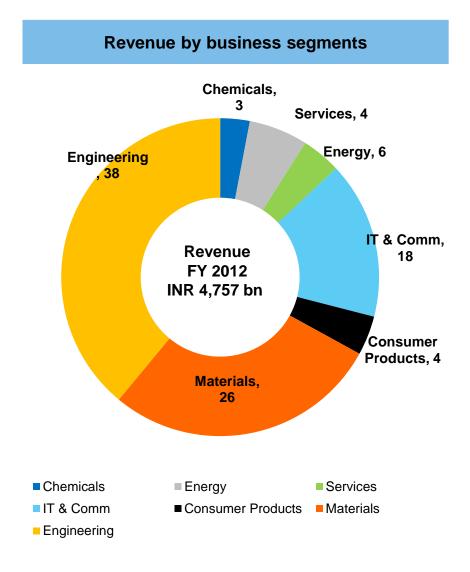
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# A Tata Group Company





Listed Companies	Mkt Cap (\$ bn)²	Promoter Shareholding (%) <sup>1</sup>
Tata Consultancy Service	es 63.06	73.9
Tata Motors	20.15	34.3
Tata Steel	6.63	31.3
Titan	3.26	53.1
Tata Power	3.21	32.5
Tata Global Beverages	1.33	35.1
Tata Communications	1.22	74.9
Tata Chemicals	1.13	31.1
Indian Hotels	0.64	37.5
Voltas	0.62	30.2
Trent	0.55	32.6
Rallis	0.55	50.1

Notes:

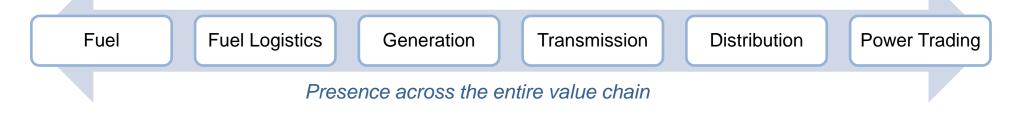
1 As of 30 Sept 2013. Source: BSE website

2 As of 05 Dec, 2013; Conversion rate of 1US\$ = INR 61.77. Source: Tata group website

### Tata Power is India's largest Integrated Power Utility



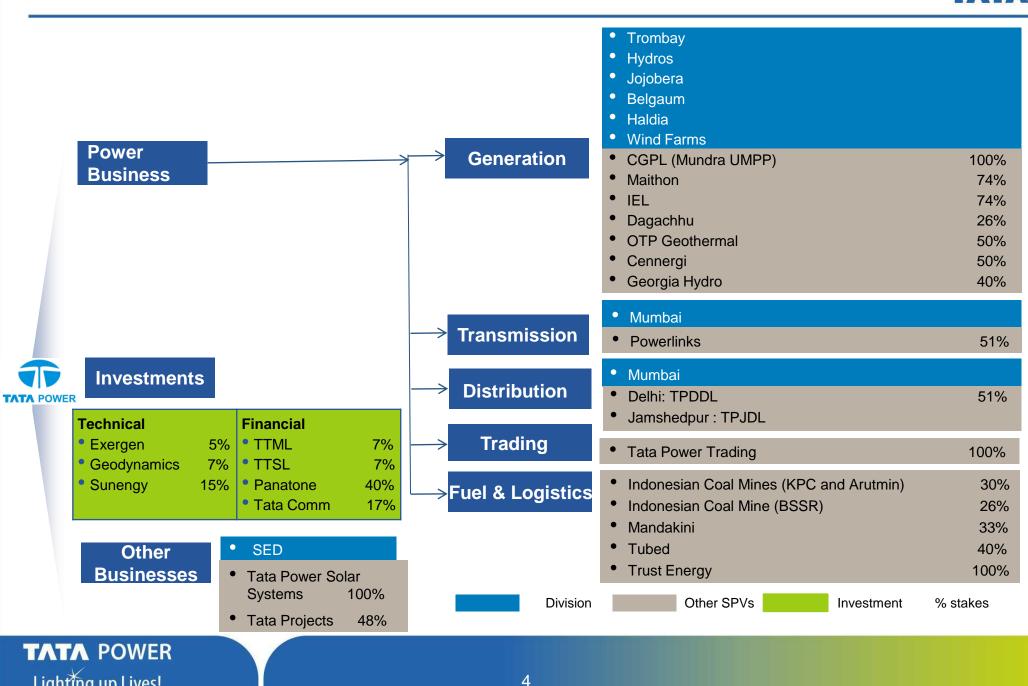
- Founded in 1906 to supply power to Mumbai
  - First hydro plant commissioned in 1915
  - Set up thermal power plants in Mumbai in the 1950s
- Expanded in India after private sector reforms in 1990s



- Thrust on renewable energy sources including hydro, wind, solar and geothermal
- Successful Public Private Partnerships in generation, transmission and distribution

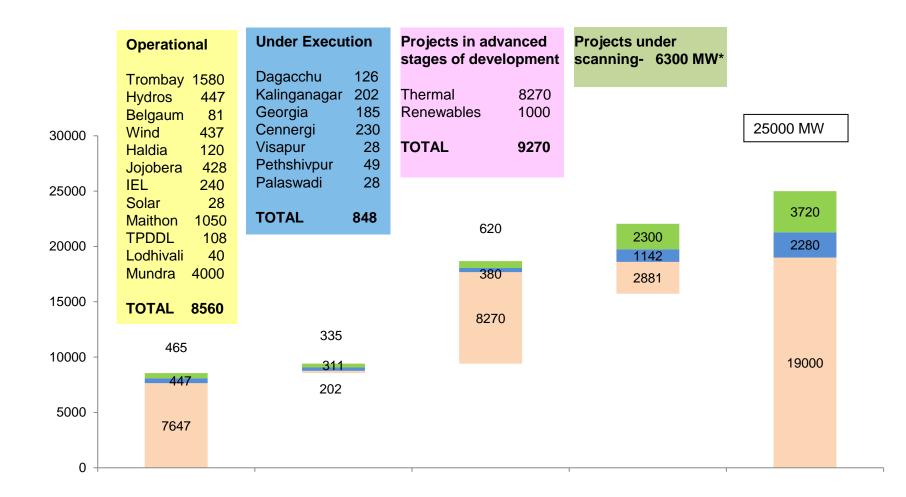


### Tata Power: Business Overview



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UE – Under Execution, UD – Under Development \* Gap would be reduced if Phase II projects and possible domestic coal based UMPP come up

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Hydro Other Renewables Thermal

# **Existing Generation Assets - Business Models**



Model	Capacity (MW)	% of overall capacity	Returns	Upside	Tata Power projects	Off-take counterparty
Regulated returns	3425	40%	Fixed return on equity	Savings on Norms + PLF incentive	Mumbai Operations (Thermal & Hydro), Maithon, Jojobera, TPDDL	BEST, TPTCL, Tata Power Distribution, DVC,NDPL,WBSEBL
Regulated tariff mechanism (renewables)	426	5%	Fixed tariff + PLF driven	Savings on capex + CDM certificates / RECs as applicable	Wind, Solar	BESCOM, GUVNL, TPC-D, Tata Motors, TANGEDCO
Captive power plant	428	5%	PPA driven (14-19%)	Merchant sales + saving on PPA terms + PLF incentive	Jojobera Jamshedpur (PH6) IEL (Unit 5)	Tata Steel
Merchant	100	~1%	Market driven	No cap on returns	Haldia (100MW)	
MoU/Bilateral	20	~1%	PPA driven	As per PPA	Haldia (20MW)	WBSEDCL
Case II (for project)	4000	48%	Bid driven	PLF incentives	CGPL	Gujarat, Maharashtra, Punjab, Rajasthan, Haryana
Others	121	~1%	Bid driven	PLF incentives	Belgaum (81MW), Lodhivali (40MW)	

# Mundra UMPP (4000 MW)



Status	Project Commissioned
Capacity	<ul> <li>4000 MW (5 X 800 MW)</li> </ul>
Customers	<ul> <li>Gujarat (1805 MW), Maharashtra (760 MW), Punjab (475 MW), Haryana (380 MW), Rajasthan (380 MW)</li> </ul>
Fuel Requirement & Source	<ul> <li>Imported Coal – 10-12 MTPA</li> <li>Offtake agreement with Indocoal for 10.11 ± 20%</li> <li>Looking for additional mines in Australia, Mozambique, S. Africa, Indonesia</li> </ul>
Funding	<ul> <li>Project Cost: Rs 180 bn (D/E: 75:25)</li> <li>As of Q1 FY14: Debt drawn – Rs. 130 bn, Equity invested – Rs. 51 bn</li> </ul>
Completion	<ul> <li>All the 5 units of 800MW each have been commissioned</li> </ul>
External Linkages	<ul> <li>400 kV switchyard was charged on 1 October 2011 with power from PGCIL. It is stabilised and Generator Transformers are charged</li> <li>External coal handling facility to unload ship directly to main plant commissioned and is in use</li> </ul>

# Maithon Power Limited (1050MW)



Status	Project Commissioned
Capacity	<ul> <li>1050 MW (2 X 525 MW)</li> </ul>
Customers	<ul> <li>DVC (300 MW), NDPL (300 MW), WBSEB (300 MW), 150 MW under negotiation</li> <li>Long term (30 yr) PPAs commence on CoD for DVC &amp; 1<sup>st</sup> April 2012 for NDPL and WBSEB</li> </ul>
Fuel Requirement & Source	<ul> <li>Domestic Coal; 100% linkage sanctioned</li> <li>Fuel Supply Agreement (FSA) signed with Bharat Coking Coal for 1.6 mtpa</li> <li>FSA signed with Central Coalfields for 1.9 mtpa for Unit 2</li> <li>FSA signed with Tata Steel for upto 1 MTPA</li> </ul>
Funding	<ul> <li>Project Cost: Rs.56 bn; (D/E: 70:30)</li> <li>As of Q1 FY14: Debt drawn – Rs.32 bn, Equity – Rs.14 bn</li> </ul>
Expected Returns	<ul> <li>Regulated: 15.5% ROE + Performance Incentives</li> </ul>
External Linkages	<ul> <li>Work is in progress in the construction of the railway line to transport coal. Completion of railway infrastructure is expected to be delayed since land acquisition is not complete. Coal is currently being transported by road – road transportation contracts have been signed</li> <li>Evacuation ready</li> </ul>
Unit #1-5	<ul> <li>Both units have been commissioned and CoD has been declared</li> </ul>

# **Projects Under Execution**



Project	Capacity (MW)	Fuel	Status of Completion	Power off-take	COD
Dagacchu	126	Hydro	• NA	TPTCL	FY14
Kalinganagar	202	Gas based	Civil work in progress	Tata Steel	Gas based – All 3 units expected by FY15
Georgia Hydro	185	Hydro	Civil work in progress	Turkey (85%), Georgia (15%)	FY17
Palaswadi Solar	28	Solar	Under Execution	Tata Power	Expected to be Commissioned in FY14
Visapur Wind	28	Wind	Under Execution	Tata Power	Expected to be Commissioned in FY14
Pethshivpur Wind	49	Wind	Under Execution	Tata Power	Expected to be Commissioned in FY15
Tsitsikamma Wind Farm, South Africa	95	Wind	Under Execution	Eskom	Expected to be Commissioned in FY17
Amakhala Emoyeni Wind Farm, South Africa	135	Wind	Under Execution	Eskom	Expected to be Commissioned in FY17
Total	848 MW				

# Projects Under Development – Domestic



Project	Fuel Source	Capacity (MW)	Status	Execution schedule
Kalinganagar	Coal based: Application for linkage submitted, Indonesian coal being considered as backup	450	MOU finalised, Environment Clearance for the gas based plant obtained by Tata Steel along with their 6 MTPA Steel Plant	Coal based – All 3 units by FY16
Dugar Hydro-electric Power Project	Hydro	380	Preliminary survey works started	Once Detailed Project Report is approved, it will take 5-6 years to commission
Begunia Thermal	Partially met through Mandakini coal block	1320	Land acquisition in progress	36 – 40 months post land acquisition
Tiruldih IPP / CPP	Partially met through Tubed coal block	1,980	To be executed in phases. Land acquisition in progress	40 months once all approvals are in place and land acquisition is complete
Maithon Phase II	Long Term Coal Linkage application filed with MoC	1,320	Land available. Environment Impact Assessment under progress	36-40 months once all approvals are in place
Mundra Phase II	Imported coal	1,600	Land available. Under planning.	36-40 months once all approvals are in place
Dehrand	Imported coal	1,600	Land Acquisition in progress	36 – 40 months post completion of land acquisition
Total		8650 MW		

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# Projects Under Development – International



Project	ails	
Georgia Phase-II	Power in an agreement with Clean Energy Invest AS and IFC Inf elopment of hydro power projects in Georgia with 40% stake in the ementing three hydro projects aggregating to 400 MW	
	er sale primarily to Turkey (85%) and the rest within Georgia (15%	6)
	se-I for 185MW is under execution. Civil work is in progress	
Ras Al-Khaimah (RAK)	norandum of Agreement executed with Govt. of RAK for implemer tricity management in the Emirate	nting comprehensive
	ect being executed by a consortium of Tata Power, Origin Energy	and PT Supraco Indo.
Sorik Marapi Geothermal, Indonesia	ect in exploration phase and PPA negotiation in progress with Inde aker	onesia's State Power
	loratory drilling to commence in FY14	

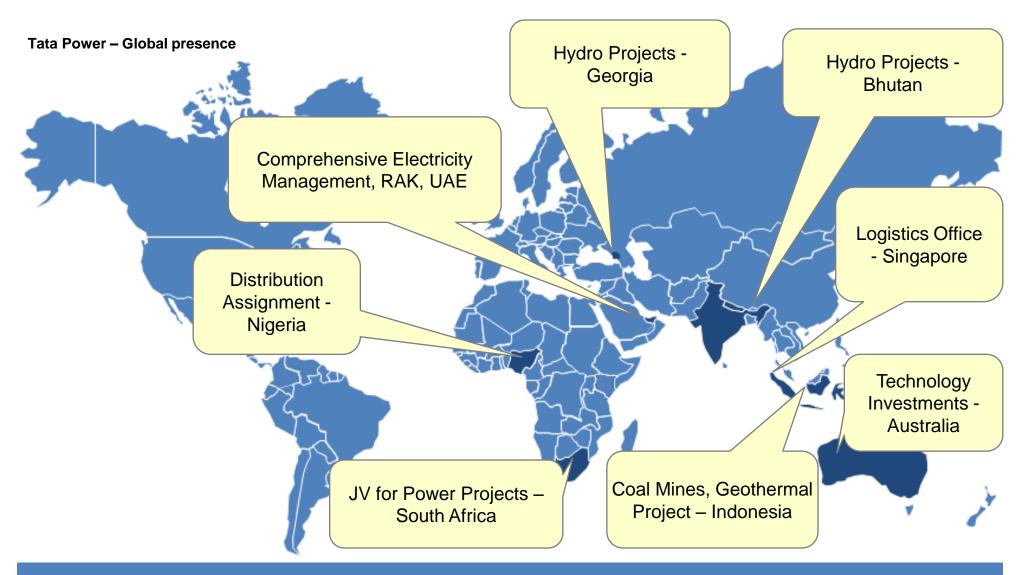


# Renewable Projects under Execution/Development

Dagacchu 126 MW Hydro project	<ul> <li>2 x 63 MW run of the river Hydro with Tata Power holding 26% and Royal Govt. of Bhutan holding 74%</li> <li>Project cost-USD 220 million with debt equity of 60: 40; debt tied up with ADB and others</li> <li>PPA signed with Tata Power Trading with Bhutan Power Transmission to provide transmission access to Bhutan border. Commissioning expected by FY14</li> </ul>
JV with SN Power	<ul> <li>Exclusive partnership agreement with SN Power, Norway to develop joint hydropower projects in India and Nepal. Aim to have 2000 MW under construction or in operation by 2015</li> <li>Recently won bid for the 380 MW Dugar hydroelectric project in Chenab valley (HP)</li> <li>Currently exploring possibility to develop hydro projects in the Himachal region and Sikkim</li> </ul>
OTP Geothermal	<ul> <li>Tata Power and Origin Energy of Australia, in consortium with PT Supraco, have been awarded the geothermal exploration concession in Indonesia to develop 200 MW</li> <li>Tata Power's associate Geodynamics Australia commissioned 1 MW Geothermal pilot plant in Australia</li> </ul>
Cennergi	<ul> <li>50:50 JV between Tata Power and Exxaro Resources for focus on electricity generation projects in South Africa, Botswana and Namibia</li> <li>Financial Closure achieved for 135 MW Amakhala Wind Project and 95 MW Tsitsikamma Wind Project</li> </ul>
Georgia Hydro	<ul> <li>Hydro power projects in Georgia for development of three hydro projects in 2 phases of 185 MW and 215 MW in partnership with Clean Energy Invest AS and IFC InfraVentures</li> <li>Phase-I for 185MW is under execution. Civil work is in progress</li> <li>Power sale primarily to Turkey (85%) and the rest within Georgia (15%)</li> </ul>
Domestic Wind and Solar Projects	<ul> <li>28 MW Visapur wind project under execution in Maharashtra. Expected Commissioning in FY14</li> <li>49 MW Pethshivpur wind project under execution in Maharashtra. Expected Commissioning in FY15</li> <li>28 MW Palaswadi solar project under execution in Maharashtra. Expected Commissioning in FY14</li> </ul>
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### **Expanding Global Footprint**





Partnerships have been built with several major players worldwide

# Strategic Investment in Coal



#### 30% stake in Indonesian coal mines – KPC and Arutmin

- Total estimated coal production to reach 80 mm tonnes by FY14
- Overall rights adequately protected through the Shareholders' Agreement

Operating Performance	FY13	FY12	FY11
Quantity mined (MT)	78	67	58
Average Selling Price (FOB USD/ton)	76	94	77

#### 33% stake in captive coal mines - Mandakini

- 7.5 MTPA (jointly allotted with Jindal Photo Film and Monnet Ispat & Energy each JV Partner having a share of 2.5 MTPA) at Dist. Angul, Orissa
- Project cost expected to be ~Rs. 6 bn

#### 40% stake in captive coal mines - Tubed

- 6 MTPA [Jointly allocated with Hindalco at Latehar, Jharkhand Hindalco (60%) 3.6 MTPA & Tata Power (40%) 2.4 MTPA]
- Project cost expected to be ~Rs. 5.6 bn
- Coal mined planned to be utilised in 660 MW Tiruldih project

#### 26% stake in Indonesian coal mines – BSSR

- Acquired a 26 per cent stake in Indonesian miner PT Baramulti Sukses Sarana Tbk (BSSR)
- Long-term coal supply agreement in proportion to shareholding

## Long term fuel contracts



Project	Fuel requirement	Source of fuel	Contract details	Term
			PT Adaro: 1.00 MTPA (+/- 0.25MTPA)	5yrs
	c.3 MTPA of coal	Purchase agreements	PT Adaro: 1.00 MTPA (+/- 0.2MTPA)	10yrs
Trombay			Samtan: 0.65 MTPA (+/- 10%)	Till FY14
-	Oil	From nearby refineries, delivered by pipeline		
	1MMSCMD of Gas	GAIL		
Jojobera	Coal	West Bokaro coal fields (Tata Steel) and Mahanadi Coalfields Limited (MCL)		
	Furnace and coke oven	Tata Steel		
EL	gases Coal	West Bokaro coal fields (Tata Steel)	-	
Mundra	c.12 MTPA of coal	Purchase agreement	Indocoal: 10.11 MTPA (+/- 20%)	Till 2021 (extendable)
			1.66 MTPA from Bharat coking coal	
Maithon	c.4.5 MTPA of coal	Coal linkage	1.98 MTPA from Central Coal Fields	_
			0.05 – 1.00 MTPA from Tata Steel	_
Haldia	Hot flue gases	Tata Steel		



#### Transmission – Mumbai

- Tata Power is amongst the 3 transmission licensees that bring power into Mumbai
- 1,100 CKm of 220KV / 110KV lines and 19 receiving stations
- Network upgrade and capacity expansion projects are being carried out to meet the load growth in Mumbai

#### **Powerlinks Transmissions Limited**

- JV between Tata Power (51%) and Power Grid Corporation of India Ltd. (49%)
- India's first private sector inter-state transmission project, on a Build Operate Own and Transfer (BOOT) basis
- Formed to evacuate power from the 1,020MW Tala Hydro project in Bhutan and North Eastern and Eastern states to New Delhi and adjoining areas
- Consists of 1,166 Kms of 400 KV double circuit EMV transmission line

#### Distribution – Mumbai

- Among 3 private distribution licensees
- Infrastructure
  - Approximately 1,782 Kms of high tension and low tension underground cable network
  - 99.33 kms overhead line network,
  - 17 receiving stations, 14 distribution sub-stations and 441 consumer sub-stations
- Customer base of over 4 lakh retail customers

#### Tata Power Delhi Distribution Limited

- JV between Tata Power (51%) and Government of Delhi (49%)
- License to distribute power to North and North-west Delhi
- Among the 3 private licensees in Delhi
- 25,572 11 KV sub-stations, 58 grid stations, 4,265 Kms of HV cable and 5,687 Kms of LV cable
- Over 13 lakh customers

#### Tata Power Jamshedpur Distribution Ltd

- Distribution Franchisee in Jamshedpur
- Expected retail customer base of 3 lakh customers

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DISTRIBUTION

### Other Businesses



Tata Power Trading	<ul> <li>100% subsidiary TPTCL, holds a trading license for a period of 25 years starting from 2004</li> <li>Holds a Category 1 trading license, the highest grade of license, which permits the company to trade any amount of power</li> </ul>
Shipping Subsidiaries	<ul> <li>Trust Energy Resources Pte Ltd incorporated in Singapore for owning ships to meet shipping requirements and trading in fuels, Energy Eastern Pte Ltd incorporated for chartering of ships</li> <li>Shipping requirement for Mundra - 5 vessels going up to 7 vessels by FY14</li> <li>To be met through a combination of long term charters and out right purchases of cape size vessels – 3 LT charters signed, 1 under final stages of negotiation and 2 Korean build vessels purchased</li> </ul>
Tata Power Solar Systems Ltd.	<ul> <li>Solar Cell Manufacturing Facility with installed capacity of 84MW; Module Manufacturing Facility with installed capacity of 125MW</li> <li>Initially focused on exports, currently increasing focus on domestic sales</li> </ul>
Strategic Electronics Division (SED)	<ul> <li>Originated as an internal R&amp;D unit for power electronics; designs and develops electronic devices</li> <li>SED was recently awarded the prestigious order to modernise Airfield infrastructure for the Indian Airforce</li> <li>Fast emerging as a prime contractor to Ministry of Defense (MoD) for indigenous products</li> <li>Does not manufacture ammunition or explosives of any kind, including cluster bombs and anti personnel mines</li> </ul>
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### Snapshot Standalone Financials – Q2 FY2014



Figures in ` Crores	Q2 FY14	Q2 FY13
Revenue from Operations (Net)	2,200	2,520
Operating Expenditure	1,597	1,991
Operating Profit	603	529
Add: Other Income	46	196
EBIDTA	649	725
Less: Depreciation/Amortization/Impairment	140	156
EBIT	509	569
Less: Finance Costs	162	165
Profit Before Tax	347	404
Less: Tax Expenses	85	108
Net Profit/(Loss) After Tax	262	296

### Standalone Results – Q2 FY2014

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			Quarter ended		Half-yea	rended	Year ended
	Particulars	30-Sep-13	30-Jun-13	30-Sep-12	30-Sep-13	30-Sep-12	31-Mar-13
		(Audited)	(Audited)	(Audited)	(Audited)	(Audited)	(Audited)
PAR	 πι	MUs	MUs	MUs	MUs	MUs	MU
(A)							
1.	Generation	3,404	3,897	4,272	7,301	8,531	15,770
2.	Sales	3,762	4,136	4,235	7,898	8,462	16,002
(B)	I Contraction of the second	` crore	` crore	` crore	` Crore	` Crore	` crore
1.	Income from operations						
	a) Revenue from power supply and transmission charges	1,856.87	2,156.89	2,108.72	4,013.76	4,166.29	7,947.89
	Add: Income to be recovered in future tariff determination (net)	218.00	213.00	297.57	431.00	585.02	1,028.72
	Add/(Less): Income to be recovered in future tariff determination (net)						
	in respect of earlier years (Refer Note 4)	-	115.00	2.72	115.00	(152.28)	104.72
	Net Revenue	2,074.87	2,484.89	2,409.01	4,559.76	4,599.03	9,081.3
	<ul><li>b) Other operating income (net of excise duty)</li></ul>	124.65	122.62	110.79	247.27	204.87	485.9
	Total income from operations (net)	2,199.52	2,607.51	2,519.80	4,807.03	4,803.90	9,567.2
2.	Expenses						
	a) Cost of power purchased	227.34	155.73	97.03	383.07	253.15	623.3
	b) Cost of fuel	956.71	1,235.65	1,492.01	2,192.36	2,897.87	5,244.4
	c) Transmission charges	116.99	117.00	65.02	233.99	103.29	233.4
	d) Cost of components, materials and services in respect of contracts	30.64	44.73	36.12	75.37	63.63	150.7
	e) Employee benefits expense	112.44	144.85	141.62	257.29	270.23	547.6
	f) Depreciation and amortisation expense (Refer Note 6)	139.64	136.04	155.61	275.68	310.41	364.1
	g) Other expenses	153.06	166.63	159.10	319.69	309.24	709.8
	Total expenses	1,736.82	2,000.63	2,146.51	3,737.45	4,207.82	7,873.5
3.	Profit from operations before other income, finance costs and tax (1-2)	462.70	606.88	373.29	1,069.58	596.08	1,693.74
4.	Other Income						
	a) (Loss)/Gain on exchange (net)	(83.56)	(65.71)	(9.28)	(149.27)	43.95	(27.6
	b) Others	129.87	245.59	205.54	375.46	497.90	721.6
5.	Profit before finance costs and tax (3+4)	509.01	786.76	569.55	1,295.77	1,137.93	2,387.79
6.	Finance costs	162.00	237.17	165.27	399.17	305.51	684.4
7.	Profit before tax (5-6)	347.01	549.59	404.28	896.60	832.42	1,703.3
8.	Exceptional item (Refer Note 5)	-	-	-	-		-
9.	Profit before tax (7+8)	347.01	549.59	404.28	896.60	832.42	1,703.3
8.	Tax expense	85.24	192.59	108.30	277.83	224.14	678.6
9.	Net profit after tax (7-8)	261.77	357.00	295.98	618.77	608.28	1,024.69

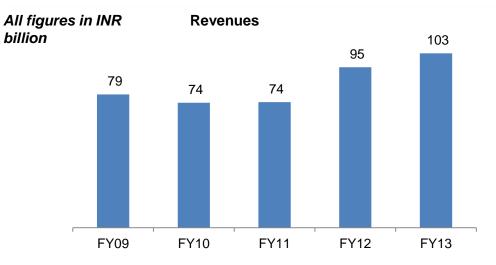
### Snapshot Standalone Financials – FY2013



Figures in ` Crores	FY13	FY12
Revenue from Operations (Net)	9,567	8496
Operating Expenditure	7,515	6,711
Operating Profit	2,052	1,785
Add: Other Income	694	983
EBIDTA	2,746	2,768
Less: Depreciation/Amortization/Impairment	364	570
EBIT	2,382	2,198
Less: Finance Costs	678	515
Profit Before Tax	1,703	1,683
Less: Tax Expenses	679	513
Net Profit/(Loss) After Tax	1,025	1,170

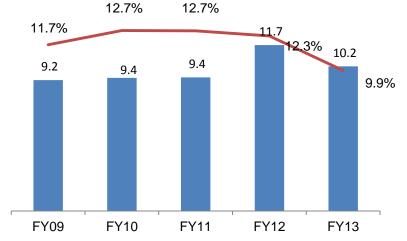
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# Financials (Standalone)



**EBIDTA and EBIDTA margin** 30.1% 30.4% 27.7 27.5 32.6% 24.5% 21.6 20.8 28.7% 17.7 FY09 FY10 FY11 FY12 FY13

Net Income and Net Income margin



#### EBIT and EBIT margin

23.7% 22.8% 20.0% 14.4 16.8 15.7 FY09 FY10 FY11 FY12 FY13

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### Snapshot Consolidated Financials – Q2 FY2014



Figures in ` Crores	Q2 FY14	Q2 FY13
Revenue from Operations (Net)	8,765	7,700
Operating Expenditure	6,734	6,189
Operating Profit	2,031	1,511
Add: Other Income	(293)	68
EBIDTA	1,738	1,579
Less: Depreciation/Amortization/Impairment	689	792
EBIT	1,049	787
Less: Finance Costs	803	624
Profit Before Tax	246	163
Less: Tax Expenses	125	222
Net Profit/(Loss) After Tax	121	(60)

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### Consolidated Results – Q2 FY2014



			Quarter ended	4	Half-ves	ar ended	Year ended
	Particulars	30-Sep-13	30-Jun-13	30-Sep-12	30-Sep-13		31-Mar-13
	(Refer Notes Below)						
P/	ARTI	` crore	` crore	` crore	` crore	` crore	` crore
		(Unaudited)	(Unaudited)	(Unaudited)	(Unaudited)	(Unaudited)	(Audited)
1	Income from operations						
	a) Revenue	8,551.47	8,941.87	7,398.66	17,493.34	14,112.78	30,875.28
	Add : I ncome to be recovered in future tariff determination (net)	165.64	234.90	248.11	400.54	886.56	1,856.05
	Add/(Less): Income to be recovered in future tariff Net Revenue	- 8 717 11	115.00 9 291 77	2.72	115.00 18.008.88	(152.28)	104.72 32.836.05
	b) Other operating income (net of excise dutv)	47.58	47.72	50.28	95.30	14 647 06	189.38
	Total Income from operations (net)	8,764.69	9,339.49	7,699.77	18,104.18	14,953.66	33,025.43
2	Expenses						
	a) Cost of power purchased	2,003.65	1,992.06	1,792.61	3,995.71	3,453.18	7,818.66
	b) Cost of fuel	2,469.99	2,789.87	2,432.75	5,259.86	4,543.42	9,661.60
	c) Raw materials consumed	123.09	116.02	74.73	239.11	119.39	386.74
	<ul> <li>d) Purchase of goods / spares / stock for resale</li> </ul>	9.70	14.56	9.26	24.26	21.03	37.47
	e) Transmission charges	126.23	126.04	78.78	252.27	125.36	286.50
	<li>f) Cost of components, materials and services in respect of contra</li>	30.64	44.73	36.12	75.37	63.63	150.75
	g) (Increase)/decrease in stock-in-trade and work-in-progress	(129.44)	54.72	(252.37)	(74.72)	(252.55)	(275.12)
	<ul> <li>h) Royalty towards coal mining</li> </ul>	288.95	293.96	248.93	582.91	523.17	1,111.14
	<li>i) Coal processing charges</li>	607.78	677.33	631.73	1,285.11	1,225.25	2,544.99
	<li>j) Employee benefits expense</li>	307.40	330.16	345.32	637.56	655.11	1,322.95
	<li>k) Depreciation and amortisation expense (Refer Note 2.5)</li>	689.05	650.80	542.04	1,339.85	1,048.01	2,051.69
	I) Other expenses	896.01	832.30	791.56	1,728.31	1,551.76	3,341.25
	Total expenses	7,423.05	7,922.55	6,731.46	15,345.60	13,076.76	28,438.62
3	Profit from operations before other income, finance costs,	1,341.64	1,416.94	968.31	2,758.58	1,876.90	4,586.81
4	exceptional item and tax (1-2) Other income						
-	a) Loss on exchange (net)	(354.52)	(292.76)	(31.63)	(647.28)	(76.86)	(187.64)
	b) Others	61.61	64.84	100.08	126.45	207.89	369.20
	Profit before finance costs, exceptional item and tax (3+4)	1.048.73	1.189.02	1.036.76	2.237.75	2.007.93	4.768.37
	<ul> <li>Finance costs</li> <li>Profit before exceptional item and tax (5-6)</li> </ul>	802.90 245.83	903.36 285.66	623.93 412.83	1.706.26 531.49	1,173.68 834.25	2.641.69 2.126.68
8		240.00	200.00	412.00	001140	004.20	2,120.00
	Provision for impairment (Refer Note 4)	-	-	250.00	-	250.00	850.00
	Profit before tax	245.83	285.66	162.83	531.49	584.25	1,276.68
	). Tax expense 1. Net Profit / (Loss) after tax	125.39 120.44	334.64 (48.98)	222.51 (59.68)	460.03 71.46	448.80 135.45	1.177.96 98.72
	2. Share of profit of associates	120.44	3.36	5.34	16.33	135.45	23.92
	3. Less: Minority interest	58.44	69.08	29.46	127.52	79.92	208.07
	4. Net Profit / (Loss) after tax, minority interest and share of	74.97	(114.70)	(83.80)	(39.73)	62.13	(85.43)
	profit of associates						
		STREET, STREET	the survey of the local division in which the local division in which the local division in the local division	Statement of the local division in which the local division in the local division in the local division in the			

#### TATA POWER

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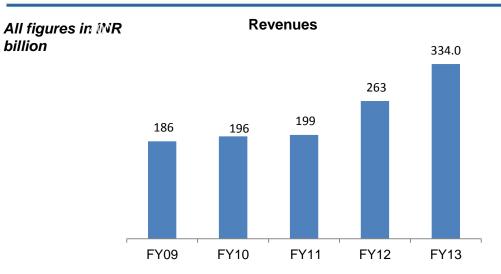
### Snapshot Consolidated Financials – FY2013



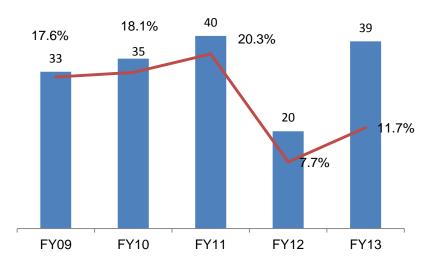
Figures in ` Crores	FY13	FY12
Revenue from Operations (Net)	33,025	26,001
Operating Expenditure	26,393	20,676
Operating Profit	6,632	5,325
Add: Other Income	182	(156)
EBIDTA	6,814	5,169
Less: Depreciation/Amortization/Impairment	2,902	3,135
EBIT	3,912	2,034
Less: Finance Costs	2,636	1,527
Profit Before Tax	1,276	507
Less: Tax Expenses	1,178	1,476
Net Profit/(Loss) After Tax	99	(968)

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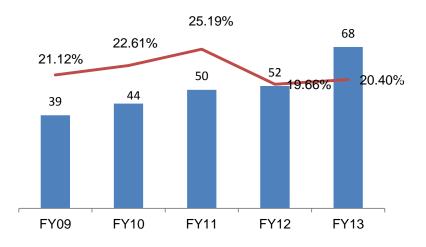
# Financials (Consolidated)



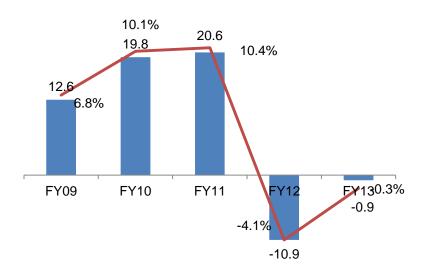
#### **EBIT and EBIT margin**



#### **EBIDTA and EBIDTA margin**



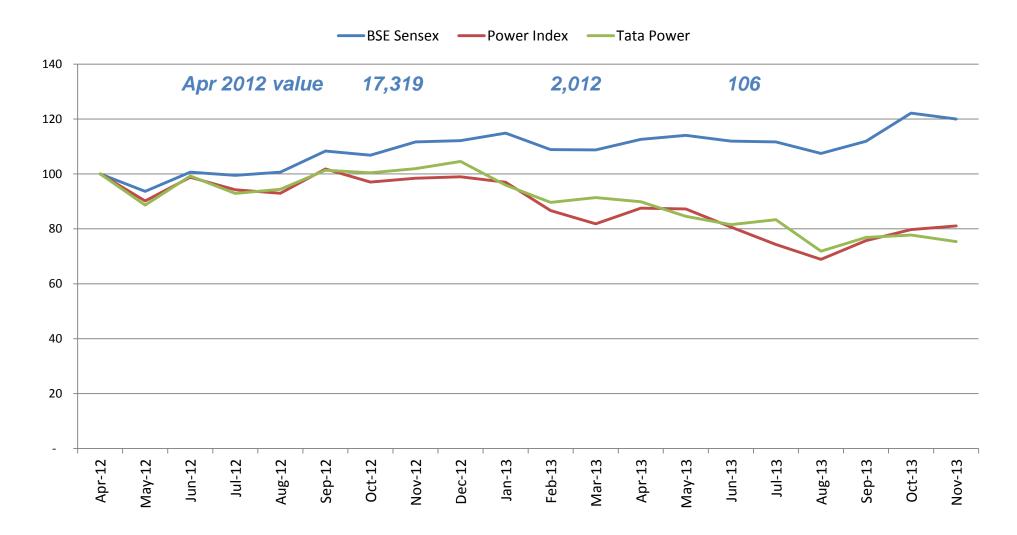
#### Net Income and Net Income margin



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#### April 2012 – till date: normalized chart



#### 

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# Tata Power has undertaken a number of initiatives on Sustainability as a part of 'Leadership with Care'

#### Sustainability initiatives

#### Care for Environment



- Renewables, clean/ green energy
- Efficient technologies
- Carbon footprint reduction
- Bio-Diversity conservation
- nitiatives
- Fly ash brick manufacturing unit at Jojobera
  - Eco-restoration and Eco-development in Western Ghats

Solar lights - Mundra,

Support for Uttarakhand

of Engineers to rebuild

cash donation, deputation

Mulshi, etc

power supply

**Care for Community** 

- Community engagement
- Livelihood, infrastructure and natural resources



**Care for Customers** 

- Energy clubs
- Customer care centers
- Demand side management, energy audits
- 25 customer care centres
- Continued energy conservation efforts through Club Enerji



**Care for People** 

sustainable plus <mark>gold</mark>

- Safety and health
- Employee learning & development
- Developing managers centric, across domains/ functions
- Association with DuPont for benchmarked safety management practices
- Innovations and improvements for working at height

#### Awards and Recognition





CII ITC Sustainability Award 2012 for strong commitment to environment



Power Line 'Best Performing Private Discom' award for TPDDL



Power Line award for 'Best Performing Renewable IPP'



Winner - Infrastructure Excellence Awards 2012 for the project – Ultra Mega Power Project, Mundra, Gujarat

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TATA POWER



### "Journey Continues.. We value your inputs, suggestions and critique."

# We take pride in Lighting up Lives!

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