



KEC International Limited

Corporate Presentation

















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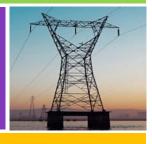






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Company Profile Page 05-11





KEC International - Introduction

Key Highlights

A diversified global infrastructure EPC major

Flagship company of the RPG group

Leadership in Power Transmission EPC space

Over 6 decades of experience

Project footprints in 48 countries across the globe

Net Sales (Trailing 12 months Dec 12) – ₹ 6,900 cr. (\$ 1.3 bn)

Order Book – Crosses ₹ 10,000cr. (\$ 1.9 bn)

Total Manpower Strength - Over 4800 employees

KEC Businesses

















Business Portfolio



Power Transmission

Transmission

lines

Towers -

Lattice & Poles

Hardware

Substations

Power

Systems

Distribution Network

Electrification

Rural

Cabling, E-BoP

Cables

Power Cables LT/HT/EHV

> Telecom Cables

Telecom

Telecom Towers

OPGW Network

Railways

Electrification

Civil & Track Works

Signaling

Water

Water Resource Management

Water & Waste Water **Treatment**

EPC

Supply

KEC International Limited





Our value drivers

Vision

To be a global leader in Power Transmission and Distribution EPC business and a significant player in other infrastructure business, providing superior value to all stakeholders.

Culture Pillars



Delivery focus



Cost and profitability focus



Ownership and Accountability



Cross functional teamwork



Empowering performance



Valuing people



Providing diverse opportunities

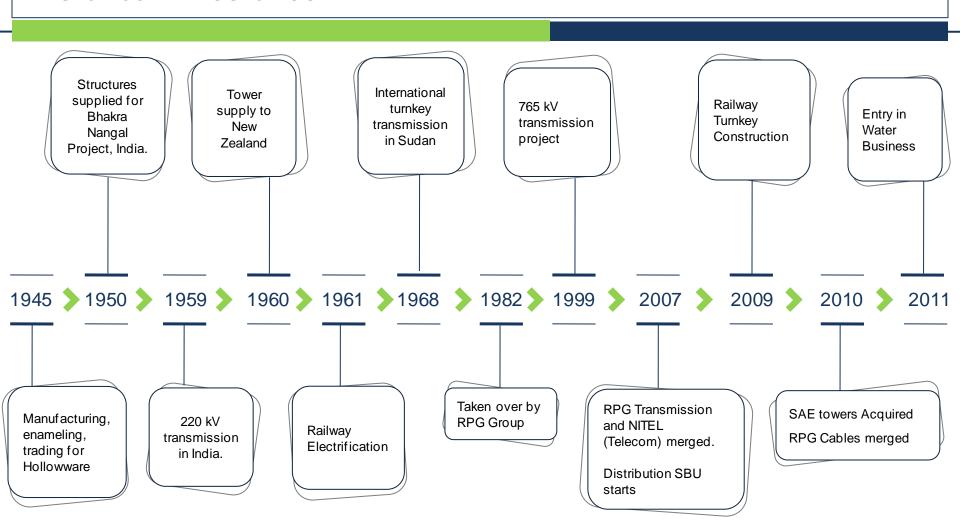


Forward looking





Historical Milestones

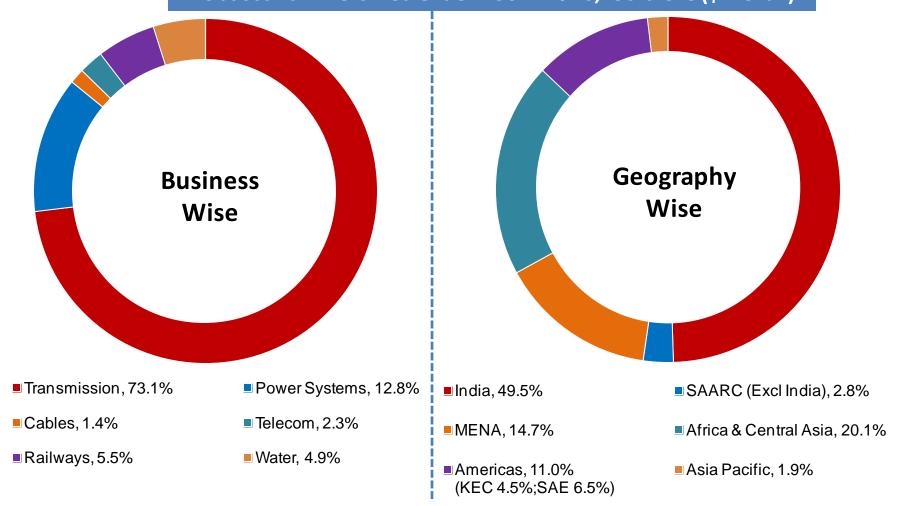






Current Order Book - Breakup

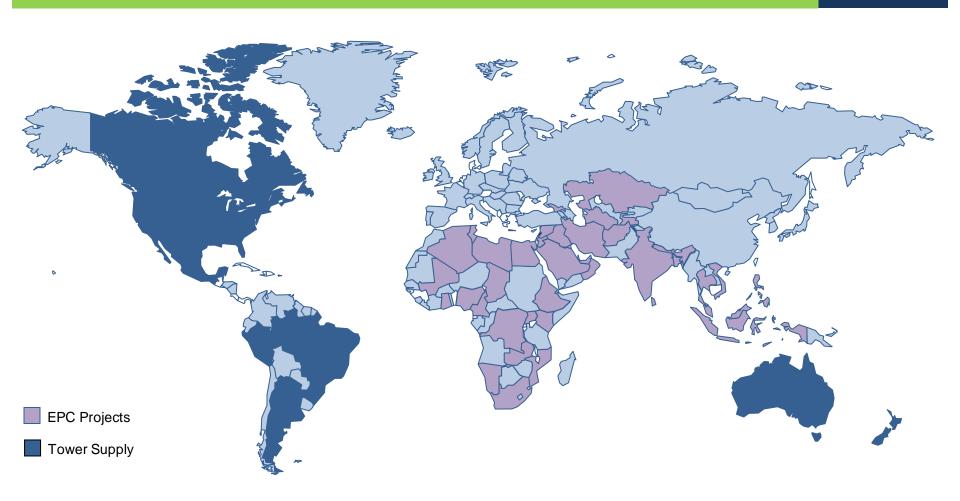








Global Footprint

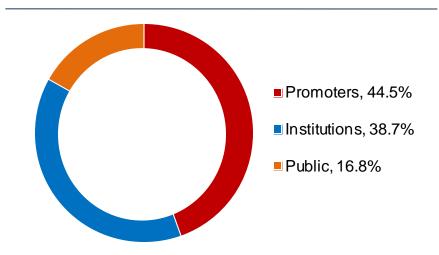






KEC - Equity Share Information

Shareholding Pattern as on Dec 31st, 2012



Listing Information

- Exchanges Listed on
 - Bombay Stock Exchange (BSE), India
 - National Stock Exchange (NSE), India
- BSE Code 532714
- NSE Code KEC
- Bloomberg Code KECI IN
- Reuters Code KECL.BO

Equity Share Information as on Jan 30th 2013

- Share Price ₹ 59 per share
- Market Cap ₹ 1,522 Cr. (\$ 282 mn)
- Price to Earning (P/E Ratio)* 9.9 times
- Return of avg. Equity * 17.6%
- Net Worth (Dec 12 end) ₹ 1,166 cr. (\$ 217 mn)
- Financial Year April to March
- Face Value ₹ 2 per share
- *[Based on trailing 12 month EPS i.e. Jan Dec 12]



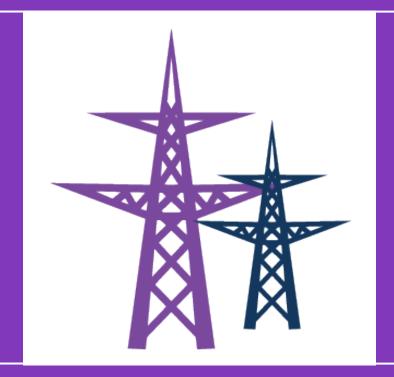


Business Overview

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Power Transmission





Power Transmission



- Over 50 years of experience in turnkey construction of transmission lines.
- Strong presence in South Asia, Middle East & North Africa (MENA), Rest of Africa, Central Asia and Americas.
- Successfully executed turnkey transmission projects and supply of transmission towers in 48 countries.
- First company in the world to successfully test 1200 kV tower.
- First company in India to erect 765 kV line; Presently executing various projects in 765 kV segment in India and outside India.
- Strength in the design of very complex and large towers.
- Rich talent pool well versed in both conventional as well as advance methods of surveying, foundations, tower erections and stringing.
- Capability to successfully execute projects in difficult terrain and climatic conditions



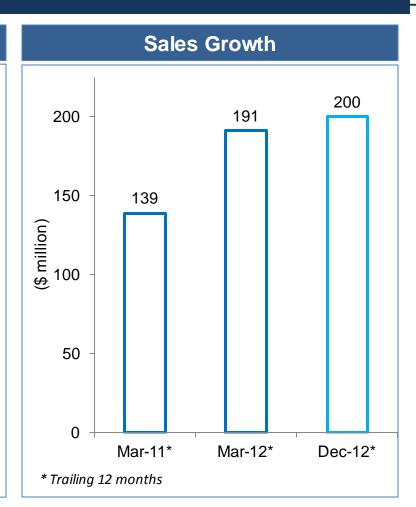


SAE SAE Towers, United States



Key Highlights

- A wholly owned subsidiary of KEC
- Headquartered in Houston, United States
- Leading manufacturer of lattice transmission towers in the Americas.
- Annual production capacity 100,000 MTs spread over 2 locations
 - Mexico (35,000 MTs) Serving to North American market
 - Brazil (65,000 MTs) Serving to Latin American market
- Also manufactures steel poles, sub-station structures and hardware.
- Enjoys highest markets share in Brazil, United States and Mexico in lattice tower space
- Manpower Over 900 employees







Projects in Diverse Terrain / Climatic Conditions















Projects in Diverse Terrain / Climatic Conditions















Tower Manufacturing



- Largest globally operated tower manufacturing capacity
- Multi-locational plants
 - India Nagpur (Maharashtra), Jabalpur (Madhya Pradesh) and Jaipur (Rajasthan)
 - Americas Monterrey (Mexico), Belo Horizonte (Brazil).
- Manufacturing Capacity 274,000 MTs (Owned)
- In addition to above, the Company also have Value Added Partners for tower manufacturing.
- Manufactures Transmission towers, Telecom towers, Substation structures, Steel poles and Hardwares.
- ISO 9001 | ISO 14001 I OHSAS 18001 certified to give world class quality.















Design, Engineering and Tower Testing Capabilities



Design & Engineering

- In-house design centers with a strong team of over 100 design experts spread in India and Americas.
- Equipped with latest softwares like BOCAD, PLS Tower, PLS Pole, PLS CADD, AUTOCAD, MICROSTATION and Google Earth.
- Providing computerized engineering solutions, 3D analysis and design for optimizing steel usage.





1200 kV Tower Testing Station at Nagpur

Tower Testing Capabilities

- The only company in the world to have 4 tower testing stations -Three in India at Nagpur, Jabalpur and Jaipur; One in Brazil
- The Nagpur test station is one of the few testing stations in the world which can test towers up to 1,200 kV.
- Brazil facility is the largest tower testing station in the Americas.
- Testing stations are strategically located near the manufacturing facilities.
- Capable of testing all types of towers Lattice Tower, Guyed
 Towers, Tubular and Mono Poles

 KEC International Limited





Industry Outlook – T&D



The T&D industry is expected to show strong demand globally driven by-

- Increase in new power generation capacities
- Increasing Private Sector Investments in the sector
- Investments in interconnection grids/projects by various countries
- Replacement of existing aged networks
- More frequent and intense blackouts

Region-wise T&D investment needs, Per Capita Power Consumption and Access to Power

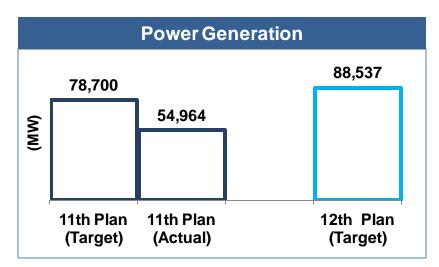
Geographical Region	Investment Needs - Year 2010-20 (\$ Bn)		Per Capita Power	Population without
	Transmission	Distribution	Consumption (in 2010) (kwh)	access to Power (in 2009) (%)
India	102	210	616	33.7
Middle East	29	59	2,652	6.2
Africa	28	57	553	67.6
United States	140	302	13,394	NA
North America	169	363	13,567	NA
Brazil	22	46	2,384	1.7
Pacific	91	156	NA	NA
World	986	2,179	2,975	25.9

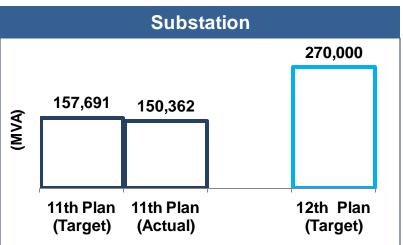


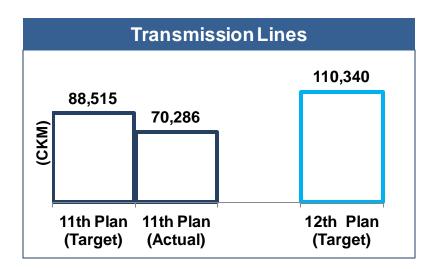


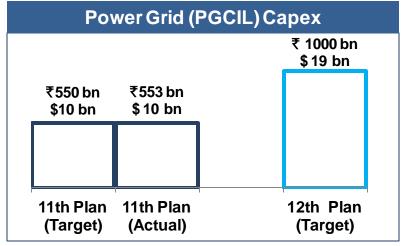
Industry Outlook – T&D - Domestic











Source: PGCIL, India





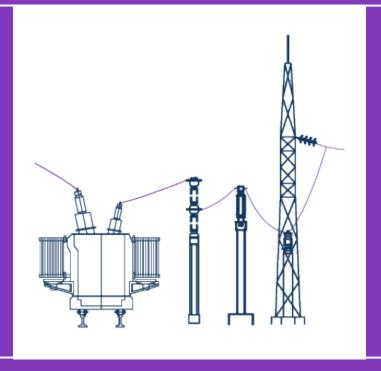
Industry Outlook – T&D - International



Region	Key Countries	Key Demand Drivers		
Africa	South Africa, Nigeria, Ethiopia, Kenya	 Per capita electricity consumption is very low - 553 kwh v/s World average of 2,975 kwh Various interconnections are being planned to improve power evacuation infrastructure 		
Middle East	Saudi, UAE, Oman, Kuwait	 Upcoming large power generating plants Development of inter-country/regional interconnection lines 		
North America	United States, Canada	■ The US transmission grid is aging due to underinvestment in transmission infrastructure ■ The American Reinvestment and Recovery Act 2009 – facilitating \$11 bn investment in T&D		
South America	Brazil	 Next 10 years plan – 61 GW generation and 42,553 kms transmission Infrastructure Development backed by 2014 FIFA World Cup & 2016 Olympics Long distance transmission lines to carry power from northern region (more generation) to southern region (more usage) 		
Central Asia	Kazakhstan, Ukraine and Georgia	 Several initiatives, supported and funded by multilateral institutions, are being undertaken to expand and upgrade power infrastructure 		
SAARC	Bangladesh, Sri-Lanka, Nepal, Bhutan	 India's cross border electricity transmission interconnection with Bangladesh, Nepal, Bhutan and Sri-Lanka is being expanded PGCIL, India also initiated steps to establish transmission links with Nepal and Bhutan 		







Power Systems





Power Systems – Key Highlights



- The Company's progression from Transmission to Power Systems gives it an advantage to provide end-to-end solutions from power evacuation to distribution to consumers.
- This is the second largest business vertical of the Company.
- The Company undertakes EPC projects of
 - Substations Executing substation projects up to 1150kV in Kazakhstan and up to 400kV in India.
 - Rural Electrification Electrified 11,000 villages; Connected 500,000 BPL families (Below Poverty Line).
 - Distribution network Executing projects in different part of the world
 - Electrical-Balance of Plant (E-BoP) Executing a project in India
 - Industrial Electrification and
 - Cabling

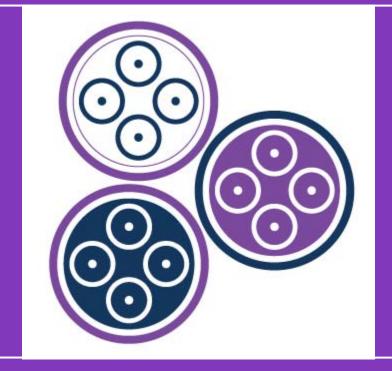












Cables





Cables – Key Highlights



- Fully integrated state-of-the-art manufacturing facilities in different parts of India.
- Pioneered production of XLPE cables in India.
- Manufactures range of power cables and telecom cables.
- Green-field facility at Vadodara (Gujarat)
 - High Tension power cables Production started from July 2012
 - Extra High Voltage power cables Trail runs have started, expects to starts commercial production soon.
- Manufacturing locations Vadodara (Gujarat), Mysore (Karnataka), Thane (Maharashtra) and Silvassa (Union Territory).
- Accredited with ISO 9001, ISO 14001 and ISO 18001 certifications.
- Testing facilities for the entire range of power cables and telecom cables as per various national and international specifications.





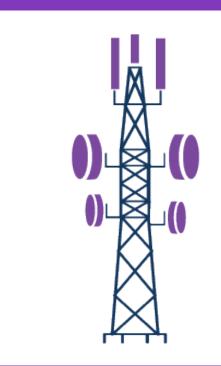
Cables – Industry Outlook



- The Current size of cables market in India is estimated to be ₹ 15,000 cr. (\$ 2.8 bn) per annum.
- The demand for power cables is mainly driven by the power sector, real estate and industries such as steel, oil & gas, chemicals etc.
- The Government of India's aggressive growth plans in the power sector, especially in the distribution segment, during the 12th plan, provides significant growth opportunities in power cables.
- Extra High Voltage (EHV) cables will be the fastest growing product segment, as the urban regions of India are increasingly moving away from over-head lines to under-ground cabling.
- The demand for Optical Fibre Cables is driven by growth in the telecom sector.







Telecom





Telecom



Key Highlights

- Amongst leading EPC players to provide telecom towers on turnkey basis to operators, tower management companies and utilities.
- Experience in laying OFC and OPGW cables on turnkey basis and live line conditions.
- Installation and commissioning of GSM/CDMA equipment.
- Extensive expertise in Microwave and BTS installations and commissioning.

Industry Outlook

- OPGW Network In India, the PGCIL plans to invest ₹ 4000 cr. (\$750mn) under National Optic Fibre Network (NOFN) for establishing OFC networks on high voltage overhead lines.
- Telecom Towers Domestic tower market continues to be dull as operators are not expanding networks despite subscriber growth and poor quality of network. This is expected to change as demand for improved quality increases.









Railways





Railways – Key Highlights



- Complete turnkey solutions provider in the Railways Infrastructure EPC space.
 - o Civil infrastructure including bridges, tunnels, platform, workshop modernization, station building etc.
 - Earthwork, new track laying and rehabilitation of existing tracks.
 - o Railway electrification and power systems.
 - o Signaling and telecommunication network.
- Electrified more than 6,000 track kms, which is a significant portion of (nearly 15%) of Indian Railways.
- Prequalified to bid in dedicated freight corridor projects













Railways – Industry Outlook



Industry Outlook - India

12th Five year plan (2012-17)

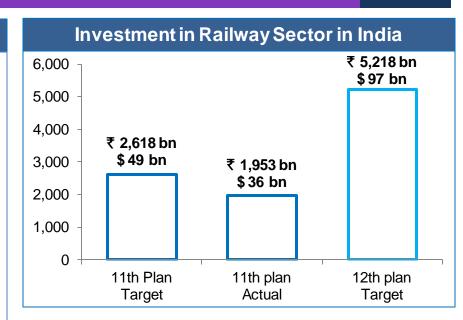
Targets spend is 2x as compare to 11th plan target.

Dedicated Freight Corridors (DFC)

- Two DFCs have been planned Eastern (1839 kms) and Western (1534 kms)
- Total Investment Over ₹ 40,000 cr. (\$ 8 bn)
- Scheduled completion 2017

Mass Rapid Transit System (MRTS) (Metro and Mono)

- Increasing urbanization & strain on existing transport infrastructure is necessitating investment in MRTS.
- Government is planning metro systems for cities with a population of over 2 million.
- ₹ 60,000 cr. (\$ 12 bn) metro projects (272 kms+) are currently in the advanced planning stages and their implementation is likely to begin in next 2-3 years.
- These include Metro in Ahmedabad, Navi Mumbai, Kochi, Bangalore (Phase II) and Delhi (Phase III)



Investment in Railway Sector in India						
Particulars	11th Plan Target	11th plan Actual	12th plan Target			
New Lines	2,000	2,205	4,000			
Dedicated Freight Corridor	NA	NA	3,338			
Gauge Conversion	10,000	5,290	5,500			
Doubling	6,000	2,756	7,653			
Railway Electrification	3,500	4,501	6,500			











Water – Key Highlights



- Undertakes Water Resource Management Projects Includes construction of canals, dams, tunnels, embankments and lift irrigation schemes.
- Undertakes Water and Waste Water Treatment Includes intake system, transmission, storage, collection, treatment and disposal of waste water
- Currently executing projects in Gujarat, Madhya Pradesh, Maharashtra and West Bengal









Water – Industry Outlook

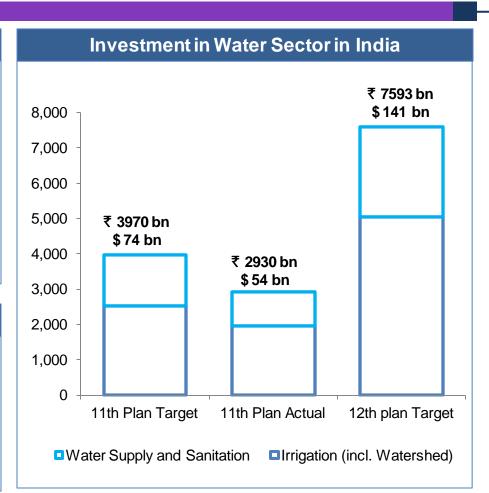


Scarcity of Water in India

- India has 16% of the world's population; but only has 4% of world's total available fresh water. *
- While the availability of fresh water is almost fixed, the demand for water is expected to expand from 710 Billion Cubic Meter (BCM) in 2010 to 1,093 BCM in 2025.**
- Only 30% sewage is treated before disposal which is increasingly causing pollution

Government of India Initiatives

- Rajiv Gandhi National Drinking Water Mission
- Jawaharlal Nehru National Urban Renewal Mission
- Urban Infrastructure Development for Small and Medium Towns



^{*} As per Confederation of Indian Industry (CII), Water Quality Assessment Authority, GoI;





New Business Initiative





Entry in Wind and Solar space

 As part of KEC's continuous expansion strategy, the company is looking at providing Engineering, Procurement and Construction (EPC) solutions for Solar and Wind sector.

Solar Sector

- In India, Solar sector has started opening up 2011 onwards
- India is blessed with excellent Sun irradiations ranked 2nd most attractive country in the world
- National Solar Mission (NSM) Planned addition of 20,000 MW by FY'22.
- Strong Regulatory Support Both at the central level and at state level
- Grid Parity is expected by 2017

Wind Sector

- Annual capacity addition in Wind 2,500 MW/annum
- Grid parity already achieved in some states/sites

Key Policy Drivers

- Commitment through National Action Plan for Climate Change (NAPCC) to meet 15% of power requirement through renewable sources
- India's voluntary commitment for 20-25% carbon emission intensity reduction by 2020
- Renewable Purchase Obligations (RPO's) on state distribution companies. KEC International Limited





Management Team

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Highly Experienced Team



Ramesh Chandak MD & CEO

- Meritorious Chartered Accountant with an Advanced Management Programme from Harvard Business School.
- 40 years of varied experience across textile, edible oils & Engg. Industries & also geographies.
 - Former President of the Indian
 Electricals and Electronics
 Manufacturers Association (IEEMA)
 along with being an esteemed member
 of several other Associations.



Vimal Kejriwal
President Transmission

- Meritorious
 Chartered
 Accountant,
 Company Secretary
 with an Advanced
 Executive
 Programme from
 Kellogg University.
- Over 31 years of experience across pharmaceuticals, fertilizer, banking, oil & gas sectors.



George VarghesePresident - Distribution

- Science graduate & an MBA from IMDR, Pune.
- More than 27 years of experience in Engg, Print, Media & Telecom sector.



Vardhan Dharkar
Executive Director - Finance

- Chartered Accountant with experience of over 24 years in areas of Finance, Accounts, Tax & Legal matters.
- Previous experience in Pharmaceutical sector.



Yugesh Goutam Executive Director - HR

- Post graduate in Human
 Resources with Global Advanced
 Management Programme from
 ISB-Kellogg & Michigan
 University Executive Programme.
- 23 years of experience in HR across Pharmaceutical, Infrastructure & other sectors.



Sanjay Chandra
Chief Executive - Railways

 Electrical Engineer with 30 years of experience across sectors - Railway, Electrical, Signaling and EPC construction projects.



Dilip ShuklaChief Executive - Water

 Mechanical Engineer with 31 years of experience in water management, infrastructure and engineering.





Highly Experienced Team



Chip Breitweiser
CEO - SAE Towers

Engineer with over 25 years of experience in the T&D and steel structures segment.



AK Sharma
Chief Executive - Telecom

 Post graduate in Operation Research with 32 years of experience in Telecom and IT Industry.



Randeep Narang
Executive Director –
South Asia Transmission

 Commerce graduate and an MBA from NMIMS, Mumbai. Over 26 years of experience in tyres and telecommunications across India's leading corporate houses.



V Balasubramanian Chief Executive - Solar

 Rank Holder BE (Mechanical) & Post graduate in Industrial Engineering. Over 22 years experience in Consulting, Marketing and Project Execution.



Nikhil Gupta Executive Director -Cables

- Meritorious Chartered Accountant and graduate in Economics.
- Has nearly three decades of experience in Consultancy & Manufacturing sector.



Akhil Saxena Sr. Vice President – Supply Chain & Wind Energy

 B.E (Mechanical), with 19 years of experience in FMCG sector companies across various areas of production, engineering, projects, quality and supply chain.





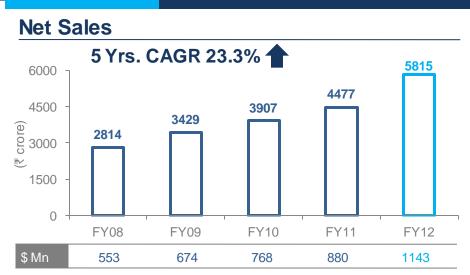
Financial Performance

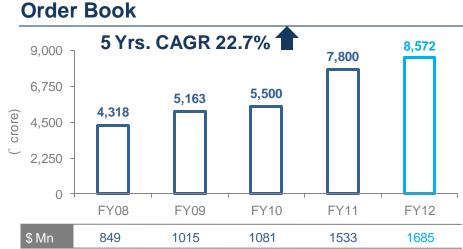
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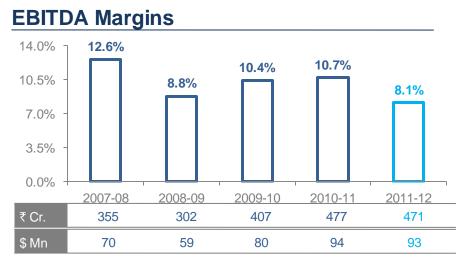


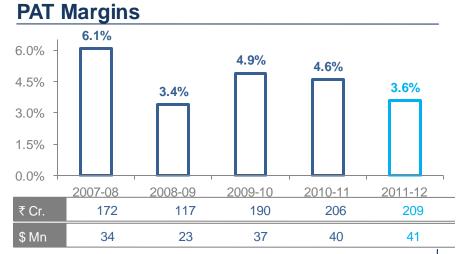


Financial Performance – Last 5 years







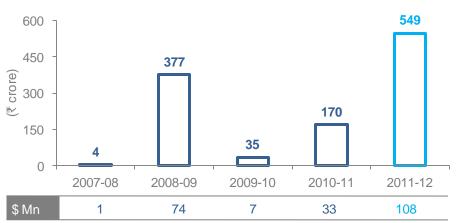




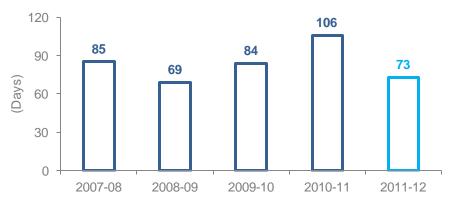


Financial Performance – Last 5 years

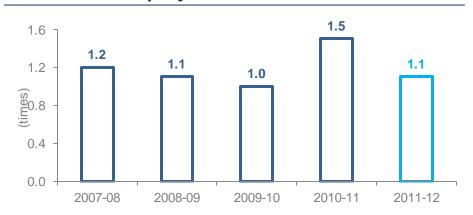
Operating Cash Flow



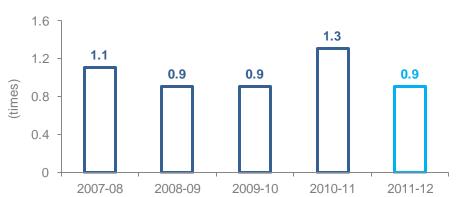
Net Working Capital



Gross Debt/Equity



Net Debt/Equity







Profit & Loss Highlights (Consolidated)

	(₹ Crore)			(\$ Millions)		
Particulars	YTD FY13	YTD FY12	Growth (Y-o-Y)	YTD FY13	YTD FY12	Growth (Y-o-Y)
Net Sales	4,829	3,746	28.9%	896.8	695.6	28.9%
EBITDA	293	302	-3.1%	54.3	56.0	-3.1%
EBITDA Margins (%)	6.1%	8.1%		6.1%	8.1%	
Finance Costs	137	119	15.8%	25.5	22.0	15.8%
Finance Cost (% of net sales)	2.8%	3.2%		2.8%	3.2%	
PBT	126	207	-39.4%	23.3	38.5	-39.4%
PBT (Excl. land sale gain)	126	154	-18.4%	23.3	28.6	-18.4%
PBT Margins (% of net sales)	2.6%	4.1%		2.6%	4.1%	
Taxes	47	72	-35.5%	8.7	13.4	-35.5%
Tax Rate (% of PBT)	37.1%	34.9%		37.1%	34.9%	
PAT	79	135	-41.4%	14.7	25.0	-41.4%
PAT (Excl. land sale gain)	79	91	-13.6%	14.7	17.0	-13.6%
PAT Margins (% of net sales)	1.6%	2.4%		1.6%	2.4%	





Consolidated Balance Sheet - Dec 12 end

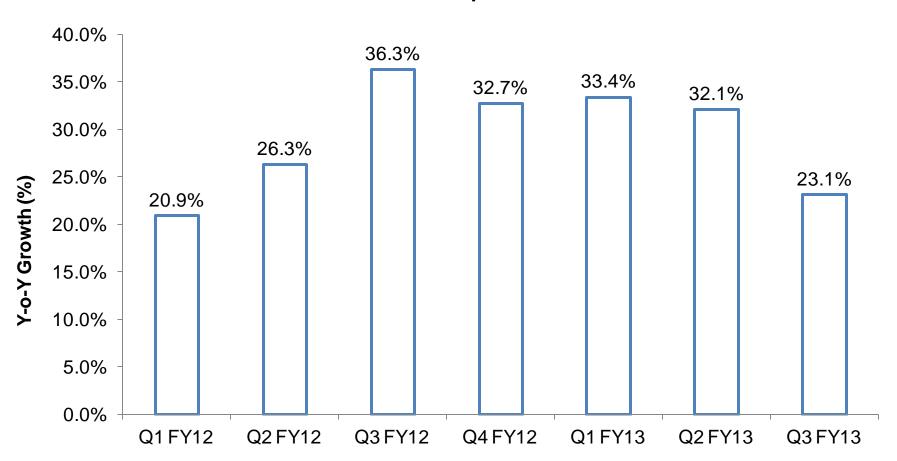
Doutioulous	Va	Value	
Particulars	₹crore	\$ million	
Net Worth	1,166	217	
Gross Debt	2,021	375	
Deferred Tax Liability (Net)	53	10	
Total	3,240	602	
Net Fixed Assets (Including Goodwill)	1,342	249	
Receivables	3,297	612	
Other assets (Current / Non Current)	1,593	296	
Gross Working Capital	4,890	908	
(-) Liabilities & Provisions (Current/Non Current)	2,992	556	
Net Working Capital	1,899	353	
Total	3,240	602	





Sales Growth – Continues to be good

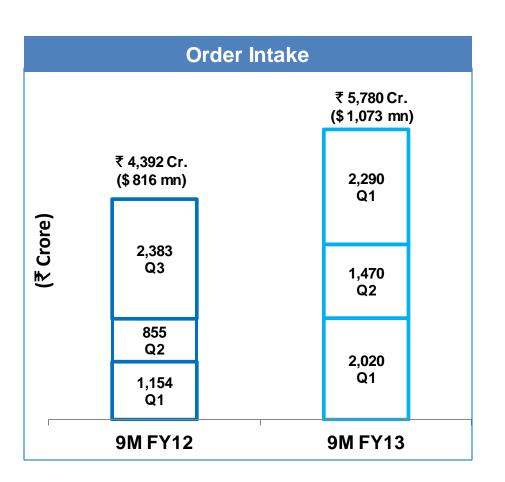
Y-o-Y Growth – Previous 7 quarters – Over 20%

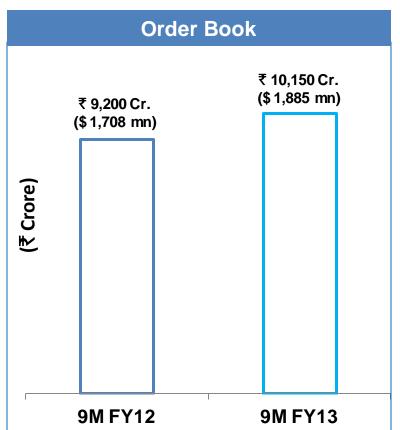






Order Intake and Order Book – 9M FY13

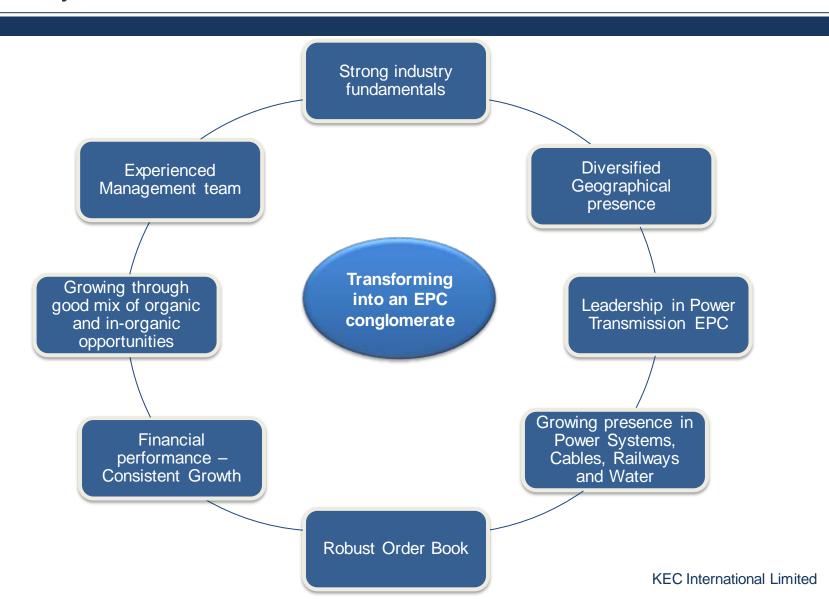








Summary







THANK YOU

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