



KEI INDUSTRIES LIMITED











Structure





- About Us
- Key Strengths
- Industry Prospects
- Growth Drivers
 - **Business Overview**
- Future Outlook
- Financials
- Share Holding Pattern





Major Highlights



- ET 500 dt 28.11.16 KEI ranking improve to 405 against previous ranking
 423 and before that 469
- CARE Ltd has upgraded long term rating A- (A minus) from BBB+ and short term rating A2+ from A3+
- ICRA Ltd has assigned long term rating A- (A minus) and short term rating A2+
- During FY16-17 Growth in Turnover 15%, In PAT 59% over corresponding period
 last year
- Cable division Growth 12% in value and approx.15% in Volume
- Strong Order Book of Rs. 2783 Crores EPC Rs. 1817 Crore, EPC Substation Rs. 177
 Cr, Cable Rs. 789 Crore in which Export Rs. 128 Crore
- Insurance of Receivables to mitigate risk
- Improvement in Order Book to lead to increase in turnover and Profitability.





Major Highlights



- Healthy Brand Visibility TV Advt, IPL, Customer Loyalty and Preferences.
- Diversified business profile across customers, industries and manufacturing locations.
- Increase focus on Exports, Retail segments and EHV to support expected improvement in turnover, profitability as well as working capital.
- Very Strong relationship with banks.
- Highly committed promoters and management.





About Us



- Headquarters at New Delhi, India.
- Manufacturing facilities at Bhiwadi (Rajasthan),
 Chopanki (Rajasthan) & Silvassa (D & NH)
- More than 1000 employees, 290 workers & 2100 contract labour across the Country
- KEI Industries Limited is engaged in the business of manufacturing and marketing of EHV, MV and LV power cables
- Ventured into Engineering, Procurement and Construction (EPC)
- Ranked amongst the top three cable manufacturing companies in India
- ISO 9001:2000 , ISO 9001:2008, OHSAS 18001:2007, OHSAS 14001:2004 certified company

- Diversified and de-risked business model across :
 - Markets: Domestic & International
 - Segments: Institutional & Retail
 - Sectors: Private & Public
- Established presence in the EHV, MV & LV cables coupled with retail wires and cables
- Established presence in the EPC in T&D
- Listed at BSE, NSE & CSE also listed Overseas at Luxembourg Stock Exchange
- Market Capitalization of Rs.1700 Crores .
- Net Sales of Rs. 2669 in FY2016-17 against Rs.2326 Crores in FY 2016.
- EBIDTA of 10.67%(Rs.285 Cr) in FY 2016-17 against 10.65% (Rs. 248 Cr).
- ROE 23% and ROCE 25% in FY 2016-17.





Milestones



1968: Established as a partnership firm

1968: Commenced manufacture of switch

board cables for DOT

1985: Commenced the manufacture of

Control, Instrumentation and

Thermocouple Cables

1992: Partnership firm converted into Public

Limited Company

1993: Added manufacturing of PVC/XLPE

Power cables up to 3.3 KV

1994: Diversified into stainless steel

drawings with pilot plant

1995: Issued first IPO. Became Listed Co.

1996: Installed major SSW plant at Bhiwadi.

1997: Added another Plant at Bhiwadi for PVC /XLPE- LT power cables

2001: Commenced manufacturing of rubber

cables upto 11 kV

2002: Established JFTC Plant at Silvassa

2004: Converted JFTC Plant at Silvassa into

manufacturing of existing range of

cables - rebalancing act`

2005: Issued GDR of USD 10 million

2006: Added new project for manufacturing

33 kV HT cables

2006: Implemented ERP Baan S/W system in

the organization to ensure transparency and efficiency

2006: Issued FCCB of USD 36 million





Milestones



2007: Commenced New Project at Chopanki and modernization / expansion at Bhiwadi & Silvassa unit

2007 : Received prestigious Corporate Governance Rating

2008 : Successfully commissioned 100% EOU at Chopanki for LT power cables

2009: Successfully completed the up gradation of HT cable capacity at Bhiwadi & Chopanki up to 66 kV

2010: Technical Know - how Agreement with BRUGG KABEL A.G., Switzerland for EHV cables ranging from 66kV to 220kV

2010: Commercial Production of EHV cables ranging from 66kV to 220 kV

2010 : Proud recipient of Business Super brand Award for Industry Validated

2011: Certification of ISO 9001:2008, OHSAS 18001:2007, OHSAS 14001:2004

2011 : Receipt of EHV cable order from KPTCL worth Rs75 Crores

2011: Successful redemption of FCCBs in November.

2012: Receipt of EHV order of Rs.138 crores from UPRNL

2012: Proud recipient of Super Brand status for consumer validated

2013-14: New office at Singapore, Nigeria, Kazakhstan.

2014-15 Strengthened Retail Network

2015-16 EPC contract for Sub Station of 220KV

2016-17 EHV upto 400 KV Commissioned







1. Wide product basket comprising:

- Extra High Voltage cables up to & including 400 kV
- High & Medium Voltage cables
- Low Tension cables
- Control and instrumentation cables
- Specialty cables
- Rubber cables
- Winding, Flexibles and house wires
- Submersible cables,
- OVC/poly wrapped winding wires
- Stainless steel wires
- Engineering, Procurement and Construction (EPC)

Helping the company service a wide spectrum of sectors such as power, oil refineries, railways, automobiles, cement, steel, fertilizers, textile and real estate, amongst others





Key Strengths: Bhiwadi Unit



2. Manufacturing prowess evident from:

World-class manufacturing facilities at Bhiwadi (Raj.), Silvassa (D&N H) and Chopanki (Raj.)







CCV Line (Involving Dry Cure Dry Cool technology) For manufacturing HT Cables Up to 132 kV







Sikora Online X-Ray Machine Used for Monitoring Product Quality





Key Strengths: Chopanki Unit







Troester's CCV Line (Involving Dry Cure Dry Cool technology) For manufacturing EHV Cables Up to 220 kV











- Equipped with an installed capacity of:
 - 900 kms of EHV Cables
 - 7500 kms of HT Cables
 - 84000 kms of LT Cables
 - 3600 Kms of Rubber Cable
 - 677000 km of Winding, Flexibles & House Wires
 - 6000 MT of Stainless Steel Wire
 - During 2016-17 Capacity was utilized in Cable division @77%, in House wire @ 50 % of increased capacity of wire and SS division @84%.
- Strategically located manufacturing facilities at Bhiwadi, Chopanki and Silvassa results in servicing Institutional clients efficiently across the country







3. Commitment to quality

Adherence to the most stringent quality standards laid down by





















Sri Ram Centre

Vindicating the KEI's superior production process, technology and quality products

4. Strong research capabilities

- Constantly enhancing product portfolio by investing in R&D
- Results in niche product offerings
- Ability to customize solutions for clients
- Expertise to manufacture specialty cables including braided cables, fire survival and zero halogen cables







5. Climbing up the value spectrum

- Commercial Production of EHV cable & 400 KV Cable under trial production
- Result in pre-qualifying KEI to participate in large utility tenders
- Firm impetus to its turnkey EPC business, which consumes significant portion of EHV cables & HT, LT
 Cable
- Backward integration through in house PVC/XLPE Compound Manufacturing

6. Establishing presence in the retail segment

- Building awareness as a brand in house wires
- Embarked upon aggressive marketing through various brand promotion activities through various communication channels
- KEI aims to dominate retail trade with visibility & presence



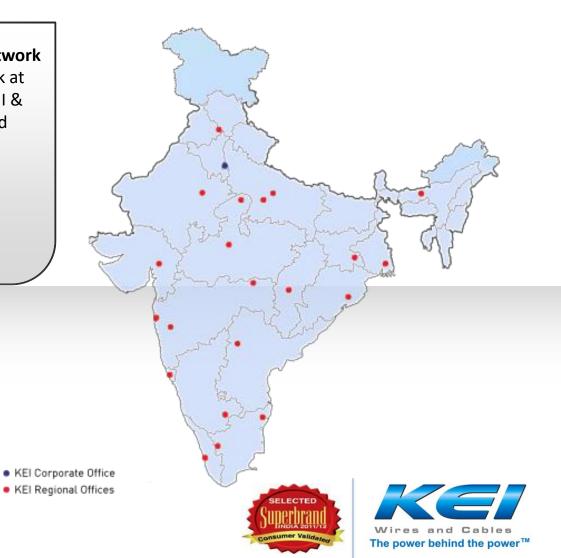




7. Well entrenched distribution network

The sales & distribution network at KEI covers all major metros, Tier I & Tier II cities to serve its esteemed customers

Strong Order Book Position of Rs. 2783 Crore





8. Growing presence in exports

Established extensive international footprints across 45 countries

Strong order book for exports of Rs. 128 Crore







Industry Prospects



- Global cable market reached USD 176 billion in 2013 demonstrating a CAGR of 4.7% from 2003 to 2013
- Cable market in India was estimated at USD 3 billion in 2013, increasing at a CAGR of over 10%
- Size of High Voltage cable > 132 kV is estimated at USD 300 million
- Size of MV cable(11kV to 66kV) and LV cable is estimated at USD 900 million & USD 1.8 billion respectively
- Size of house / building wires is conservatively estimated at USD 800 million Planned addition in 12th five year plan Generation capacity of 78,700 MV
- Target of 85,000 MV capacity addition in 12th five year plan
- Distribution Targets include electrification of 100,00 villages





Industry Prospects



Indian Power Sector

- Additional capacity of 85000 MV of Power capacities required in next 6 yrs
- Major policy investment initiative to achieve this growth
- Thrust on Non-conventional energy like Wind Power, Solar
- Total Investments of over USD 165 billion in Generation, Transmission & Distribution
- Additional Cable Demand of USD 9 billion from this sector likely in next 6 yrs

Industrial Expansion

- 6-8% GDP growth momentum encouraging large investments in Industrial Sector
- Major expansion in Sectors like Steel, Cement,
 Oil & Gas, Energy, Automobiles

Infrastructure, Housing

- Major investments planned in Highways, Ports, Airports
- SEZs
- Rapid growth in Housing, IT Parks, Hotels, Shopping Malls, BPOs

Strong growth prospects for Cable demand in the Country





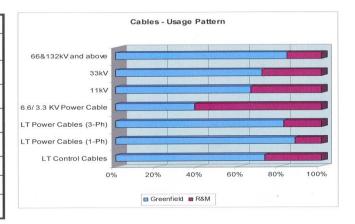
Industry Prospects



Demand Assessment for 2008-17: Equipment Wise

Power & Control Cables

Cables	Dema	nd –FY2008-2	Mode-wise Breakup			
(KM)	Conservative	Realistic	Planned	Gen.	Trans.	Dist.
LT Control Cables	1,046,905	1,174,350	1,322,007	16%	11%	73%
LT Power Cables (1-Ph)	1,424,867	1,665,085	1,834,581	0.4%	1.4%	98.2%
LT Power Cables (3-Ph)	371,301	404,986	489,120	22%	-	78%
6.6/ 3.3 KV Power Cable	241,243	254,581	269,146	5%	-	95%
11kV	107,305	127,617	148,900	10%	-	90%
33kV	20,820	23,894	27,060	1%	-	99%
66&132kV and above	2,716	3,138	3,598	-	43%	57%



Growth Required in Supply

Sub- Category*	FY06-07 Productio	Projected CAG	R FY08-12		Projected CAGR FY08-17			
	n (KM)*	Conservative	Realistic	Planned	Conservative	Realistic	Planned	
HV & EHV Power Cables	17,400	31%	38%	46%	13%	15%	17%	
LT Power Cables	110,000	13%	19%	36%	9%	11%	13%	

The high growth rate in demand for cables is going to be fueled by the demand from states for R&M of the current installed system and increased usage of cables in place of conductors due to lack of space, control in losses etc.

^{*}All cables above 1.1kV have been considered as HV power cables. The above production data corresponds only to consumption of power cables in the power sector. Also the production is net of export import.









Growth Drivers



Power & Infrastructure

- Infrastructure spending estimated at USD 1 trillion in the next five years
- Estimated FDI in Infrastructure sector is USD 250 billion while USD 750 billion is expected to be mobilized locally
- Demand for cables estimated at USD 3 billion (including EHV, MV and LV cables) used for transmission and distribution purposes

EPC

- EPC industry is projected to be a multi-billion-dollar industry
- On the threshold of exponential growth due to gigantic scale of infrastructure opportunities
- Industry estimates suggest, for every rupee invested in power generation capacity, almost 60% is invested in equipment and EPC work
- Consumption of cables in turkey EPC power project account for nearly 70% of the total project cost





Growth Drivers



Industry

- Cables forms an integral part of every industrial capex
- Cable requirement accrues only after 50% of the industrial project is complete
- Demands are picking up with gradual recovery in expansion plans

Building & Construction

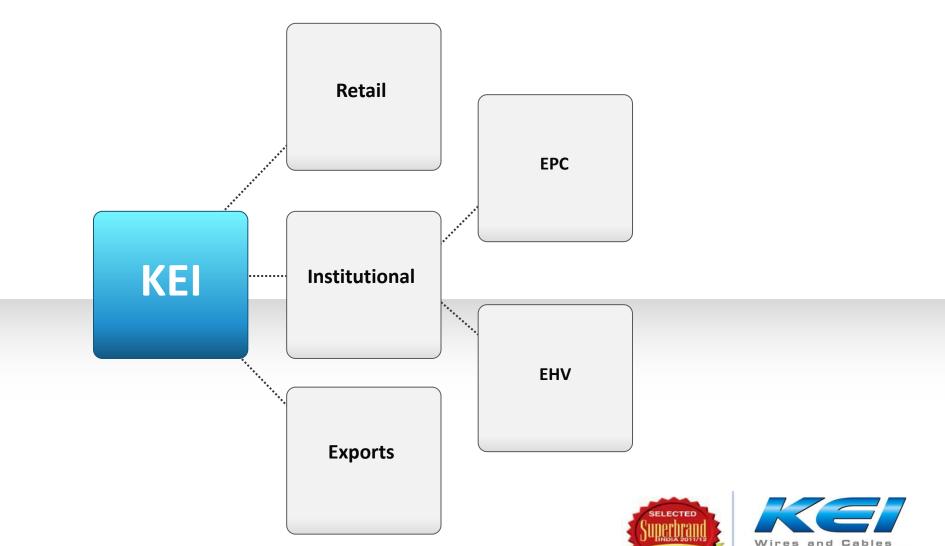
- Demand for Urban Premium housing set to grow to Rs 757 billion in FY 20 from Rs 116 billion in FY
 09
- IT/ITES and BFSI sectors will lead to increased net absorption of office space
- Office space forecasted to grow at a CAGR of 29.5% from 19.6 million sq ft in 2009 to 42.6 million sq ft in 2013
- Demand for wires is expected to register a CAGR of 13% over the next 7-8 years







The power behind the power $^{\text{TM}}$





I. Institutional

- Presence in this segment is marked by:
 - Ability to offer multi-products, with a multi-location presence
 - Well-entrenched marketing presence across all states
 - Ability to deliver products fast across the country from plants in North and West
 - Servicing customers flawlessly
- Building specialised offerings to tap niche segments such as shipping sector, oil and petroleum and solar plants even more aggressively
- Tapping large realty brands
- Strengthening all-India presence by embarking on opening new warehouses across the country







Wires and Cables The power behind the power $^{\mathsf{TM}}$

Servicing prestigious clients across diverse sectors evident from:







Wires and Cables
The power behind the power™

• Servicing prestigious clients across diverse sectors evident from:







The power behind the power™

Servicing prestigious clients across diverse sectors evident from:







1. Foray into EPC space

- Commenced execution of EPC contracts
- The main services offered by the company in the EPC segment includes execution of:

Power
transmission
projects of 66kV
to 400kV
substations on
turnkey basis

EPC of EHV & HV cables systems

Electrical balance of plant system for power plant

Electrical industrial projects







- The company's key strengths in the EPC segment include:
 - In house execution capabilities
 - Ability to manufacture own EHV cable / HV cable (which accounts for nearly 70% of its EPC project value)
 - Offer the entire range of products instrumentation cable, control cable and power cable
 - Strong marketing infrastructure and regional offices across all major cities in India

- Collaborations with Woosun Electric Co., Korea for power projects and Cobra Engineers, Spain for substation execution
- Executing projects for some of the biggest names in the industry:









- Servicing both the government and the private sectors
- Average gestation period of such projects can range from 4 to 24 months
- Aims to foray into other sectors like transmission line, infrastructure projects in the area of SEZ,
 MRT/Airport, EPC of cement plants, power plant and steel plant in the next 2-3 years
- Key projects executed include:
 - EPC of HV Cablings system for JVVNL, Jaipur
 - MES for 100kV Transform and Electrical System of Air Force station, Gurgaon
 - Projects for power transmission utilities including projects for MSETCL, KSEB, TNEB, RVPNL
 - Projects for Reliance Infrastructure (400kV switchyard for 2x600 mw Thermal Power Project at Hissar
 - Industrial sector for AERENR, Ludhiana
 - Private utilities like Reliance, Tata Etc
 - RAPDRP/DDUGY Project at Mathura , Vrindavan







2. Strengthening EHV segment presence

- New Line of 400 kV started in January 2017 at Chopanki Plant.
- With commercial production, KEI is only third company in India to manufacture EHV cables
- The demand for EHV cables in the country has so far been met through imports
- Executed order of KPTCL worth Rs75 Crores.
- Executed order of Rs.138 crore of Uttar Pradesh Rajkiya nirman Nigam Ltd.
- Executed 220 KV EHV Project of Rs. 65 Crore of DMRC
- Executed 220 KV EHV Project of Rs. 40 Crore of PGICL







- Foray into the EHV segment is aided by the KEI's Technological collaboration entered into with Switzerland-based M/s Brugg Kabel AG
- Brugg enjoys over 100 years of experience and ability to manufacture cables up to 550 kV
- Collaboration has enabled KEI a faster entry into the EHV cable market with designs, process back-up –
 services which are sought by end users
- End-users of EHV cables includes transmission companies, mega power plants, metro cities, industries such as steel, cement, refineries, petrochemicals, large realty projects such as IT Parks, large residential complexes, etc
- Presently more than Rs. 229 Crore orders of EHV Cable including Accessories and Erection &
 Commissioning is pending







II. Retail – domestic wires

- Phenomenal progress achieved by the company in the last 4 years
- Developed a strong reputation as the "power behind the power"
- Established a clear positioning of a "specialist cable manufacturer"
- The three pillars of trust & quality, brand awareness & customer service have resulted in robust growth
- Added more than 221 New Dealer/ Distributor in the current financial year. Total 1147 Dealer's network as on March 2017.
- Focused efforts and aggressive brand building initiatives have lead to increased house wire sales
- Product and quality offering, specialist positioning and brand enhancing activities and strengthening of the distribution and dealership network leading to sales growth in FY16-17.







III. Exports

- Presence in over 45 countries across the globe with focus on the oil & gas and utilities segment
- Offers wide range of cables viz. EHV (66kV to 400kV), MV (11kV to 33kV) and LV (< 11kV) cables
- Competitive pricing and ability to offer customised solutions and speciality cables
- Export market is expected to at grow at rapid pace with opening of new branch offices
- Strengthened prequalification parameters and achieved approvals for large projects with local companies in Middle East & South Africa
- Part of various international exhibitions to establish new linkages and showcasing strong commitment to grow presence in the overseas market
- New office opened in Singapore, Nigeria, Kazakistan apart from existing office in Dubai/Abudhabi
- And presence in Korea and Australia through Agent & Recently opened Subsidiary Co. in Australia
- Strong order book of Rs. 128 Crore of Export





Future Outlook



New Industrial cable



Presence across complete range of cables up to 400kV



Enhanced capacities



Turnkey EPC solutions

Widest range of power & instrumentation cables



Focused approac in its domestic house wires and EHV segment



Key technological tie-ups with Brugg Kabel A.G.



Experienced & trusted brand name



Delivering growth







Rs. In Crores

	FY 11	FY 12	FY 13	FY 14	FY15	FY16	FY 17
Gross Revenues	1,254	1,853	1,812	1,753	2171	2498	2835
PBDIT	93	152	173	154	197	248	285
PBT	18	36	43	22	53	95	134
PAT	11	24	26	12	34	62	99
Net Fixed Assets	312	318	311	314	302	357	409
Net Worth	238	227	256	273	304	367	473
Total Debt		471	465	509	433	446	573
Buyer Credit		17	9	2	20	52	140
ROCE (%)	12	19	21	18	22	27	25
ROE (%)	4	11	12	5	13	19	23







Rs. In Crores

	Q1 (15-16)	Q2 (15-16)	Q3 (15-16)	Q4 (15-16)	Q1 (16-17)	Q2 (16-17)	Q3 (16-17)	Q4 (16-17)
Revenues Gross	560	657	601	681	598	676	766	795
PBDIT	56	59	62	70	57	69	78	81
PBT	17	23	23	33	24	30	37	43
PAT	12	15	15	20	17	23	27	32





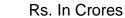


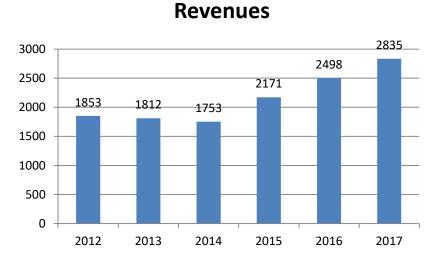
Rs. In Crores

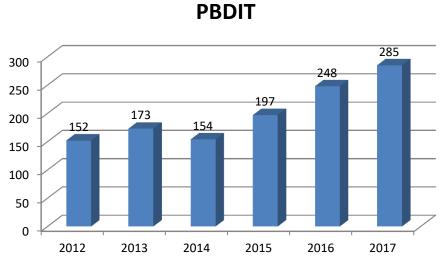
Net Sales	Q1 (15-16)	Q2 (15-16)	Q3 (15-16)	Q4 (15-16)	Q1 (16-17)	Q2 (16-17)	Q3 (16-17)	Q4 (16-17)	
Domestic	298	387	356	373	302	326	429	426	
Dealer	174	167	175	205	175	206	183	248	
Export	47	58	28	58	84	103	116	72	
Total	519	612	559	636	561	635	728	746	
Product wise									
LT Cable	221	238	229	275	256	293	330	352	
HT Cable	82	124	121	108	81	103	98	99	
EHV	32	41	20	41	17	16	32	36	
HW,WW	96	93	85	103	98	103	101	127	
SS Wire	25	25	22	22	24	25	26	29	
EPC other Than Cable	63	91	82	87	85	95	141	103	
Total	519	612	559	636	561	635	728	746	

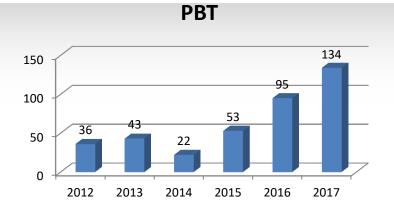








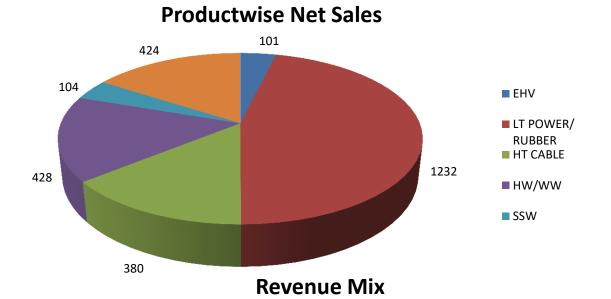


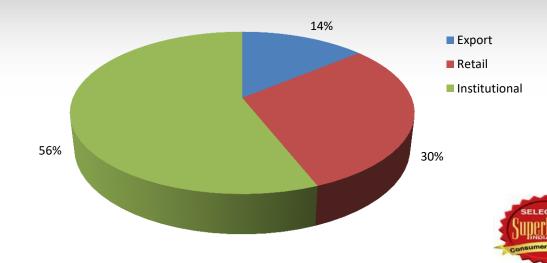






Rs. In Crores

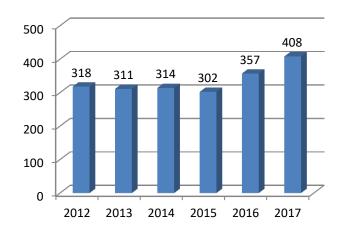






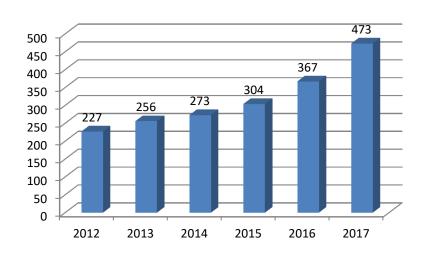


Net Fixed Assets

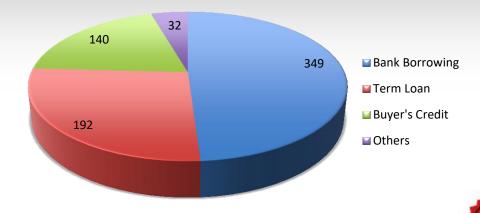


Net worth

Rs. In Crores



Debt





Future Growth Driver



- F.Y. 2017-18 Additional turnover of approx Rs. 125-150 Crore from Retail market, approx. Rs. 250-300 Crore from EPC & Rs. 100-150 Cr from EHV Cable apart from normal growth in existing range of cable.
- Expansion of House Wire and Flexi Wire for Retail & Distributor completed
- Expansion of EHV Cable up to 400 Kv completed in Jan 2017
- Expansion in Existing Product Range: LT & HT Cable completed
- Expansion of Dealer/ Distributor in a big way.
- Expansion of Export market in a big way.

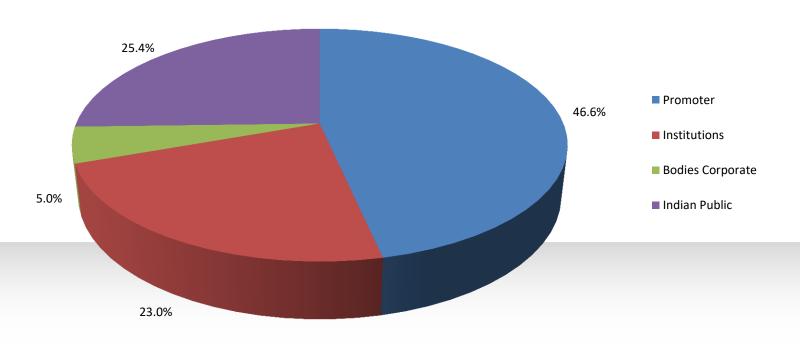




Shareholding Pattern



% Shareholding









Thank You!









