

# POWER TRANSMISSION

## 15. Power Transmission

As on 31.03.2016, there were 3 Central Public Sector Enterprises in the Power Transmission group. The names of these enterprises along with their year of incorporation in chronological order are given below: -

S. No.	Enterprise	Year of Incorporation
1	POWER GRID CORPORATION OF INDIA LTD.	1989
2	NTPCELECTRIC SUPPLY COMPANY LTD.	2002
3	REC TRANSMISSION PROJECTS CO. LTD.	2006

2. The enterprises falling in this group are mainly engaged in transmission and distribution of power.

3. The consolidated financial position, working results and the important management ratios of these enterprises are appended.

4. **Turnover:** The details of turnover of individual enterprises are given below :

(₹ in Crore)

S. No.	Enterprise	Turnover	
		2015-16	2014-15
1	NTPC ELECTRIC SUPPLY COMPANY LTD.	0	16.86
2	POWER GRID CORPORATION OF INDIA LTD.	20802.22	17177.23
3	REC TRANSMISSION PROJECTS CO. LTD.	34.09	63.75
<b>SUB TOTAL :</b>		<b>20836.31</b>	<b>17257.84</b>

5. **Net Profit / Loss:** The details of enterprises, which earned net profit or sustained net loss (-) are given below :

(₹ in Crore)

S. No.	Enterprise	Net Profit/ Loss	
		2015-16	2014-15
1	NTPC ELECTRIC SUPPLY COMPANY LTD.	0.91	1.26
2	POWER GRID CORPORATION OF INDIA LTD.	6026.72	4979.17
3	REC TRANSMISSION PROJECTS CO. LTD.	28.81	47.54
<b>SUB TOTAL :</b>		<b>6056.44</b>	<b>5027.97</b>

6. **Dividend:** The details of dividend declared by

the individual enterprises are given below :

(₹ in Crore)

S. No.	Enterprise	Dividend	
		2015-16	2014-15
1	POWER GRID CORPORATION OF INDIA LTD.	1208.5	1046.32
2	REC TRANSMISSION PROJECTS CO. LTD.	8.65	9.51
<b>SUB TOTAL :</b>		<b>1217.15</b>	<b>1055.83</b>

7. **Social Overhead and Township :** The total number of persons employed and the expenditure incurred on social overheads and townships are given below:

S. No.	Particulars	Township and Social Overheads	
		2015-16	2014-15
1	No. of employees (in number)	8298	8501
2	Social overheads: (₹ in Crore)		
	(i) Educational	186.24	80.72
	(ii) Medical Facilities	70.46	87.42
	(iii) Others	21.15	28.95
3	Capital cost of township (₹ in Crore)	563.23	623.58
4	No. of houses constructed (in numbers)	6362	6246

8. Company wise details in respect of Balance Sheet, Profit and Loss Account, Important Indicators and Financial Ratios along with the write up of individual company are given in the page below:

## POWER TRANSMISSION

BALANCE SHEET PARTICULARS	₹ in Lakhs		
	2015-16	2014-15	2013-14
<b>I. EQUITY &amp; LIABILITIES</b>			
<b>AUTHORISED CAPITAL</b>	<b>1001005</b>	<b>1001005</b>	<b>1001005</b>
<b>(1) Shareholders' Funds</b>			
(a) Share Capital			
(i) Central Govt	302884	302884	302884
(ii) Others	220288	220288	220288
(b) Reserves & Surplus	3766831	3315474	2943262
(c) Money received against share warrants	0	0	0
<b>Total Shareholders' Funds (1(a)+1(b)+1(c))</b>	<b>4290003</b>	<b>3838646</b>	<b>3466434</b>
<b>(2) Share application money pending allotment</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>(3) Non-current Liabilities</b>			
(a) Long Term Borrowings	10023975	8937584	7679022
(b) Deferred tax liabilities (Net)	248938	247216	244296
(c) Other Long-term liabilities	706181	578767	575969
(d) Long-term provisions	65045	58023	52437
<b>Total Non-Current Liabilities 3(a) to 3(d)</b>	<b>11044139</b>	<b>9821590</b>	<b>8551724</b>
<b>(4) Current Liabilities</b>			
(a) Short Term Borrowings	200000	120000	270332
(b) Trade Payables	31389	41198	33485
(c) Other current liabilities	2142665	1966547	1619235
(d) Short-term provisions	155934	122460	97675
<b>Total Current Liabilities 4(a) to 4(d)</b>	<b>2529988</b>	<b>2250205</b>	<b>2020727</b>
<b>TOTAL EQUITY &amp; LIABILITIES (1+2+3+4)</b>	<b>17864130</b>	<b>15910441</b>	<b>14038885</b>
<b>II. ASSETS</b>			
<b>(1) Non-Current Assets</b>			
<b>(a) Total Gross Fixed Assets</b>	<b>15005206</b>	<b>11826582</b>	<b>9650565</b>
(ai) Accumulated Depreciation, Depletion & Amortisation	3489407	2857913	2335085
(a(ii)) Accumulated Impairment	0	0	0
<b>(b) Total Net Fixed Assets ((a)-(ai)-(a(ii)))</b>	<b>11515799</b>	<b>8968669</b>	<b>7315480</b>
(c) Capital work in progress	4363785	5271286	4912771
(d) Intangible assets under developmet	17211	21129	34900
<b>(e) Non-Current Investments</b>	<b>85756</b>	<b>80104</b>	<b>87464</b>
<b>(f) Deferred Tax Assets (Net)</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>(g) Long Term Loans and Advances</b>	<b>491646</b>	<b>423150</b>	<b>460107</b>
<b>(h) Other Non-Current Assets</b>	<b>386942</b>	<b>284172</b>	<b>249075</b>
<b>Total Non-Current Assets (b+c+d+e+f+g+h)</b>	<b>16861139</b>	<b>15048510</b>	<b>13059797</b>
<b>(2) Current Assets</b>			
<b>(a) Current Investments</b>	<b>3589</b>	<b>18558</b>	<b>18460</b>
<b>(b) Inventories</b>	<b>82368</b>	<b>71775</b>	<b>71240</b>
<b>(c) Trade Receivables</b>	<b>273847</b>	<b>219100</b>	<b>159180</b>
<b>(d) Cash &amp; Bank Balance</b>	<b>249411</b>	<b>262197</b>	<b>507660</b>
<b>(e) Short-term Loans &amp; Advances</b>	<b>79735</b>	<b>56745</b>	<b>47646</b>
<b>(f) Other Current Assets</b>	<b>314041</b>	<b>233556</b>	<b>174902</b>
<b>Total Current Assets (a+b+c+d+e+f)</b>	<b>1002991</b>	<b>861931</b>	<b>979088</b>
<b>TOTAL ASSETS (1+2)</b>	<b>17864130</b>	<b>15910441</b>	<b>14038885</b>
<b>Important Indicators</b>			
(i) Investment	10547147	9460756	8202194
(ii) Capital Employed	14313978	12776230	11145456
(iii) Net Worth	4290003	3838646	3466434
(iv) Net Current Assets	-1526997	-1388274	-1041639
(v) Cost of Sales	864020	753558	630525
(vi) Net Value Added (at market price)	1381156	1255949	1160643
(vii) Total Regular Employees (Nos.)	8298	8501	8781
(viii) Avg. Monthly Emoluments per Employee(₹)	98472	101027	90565

PROFIT & LOSS ACCOUNT PARTICULARS	₹ in Lakhs		
	2015-16	2014-15	2013-14
<b>(I) Revenue from Operations (Gross)</b>	<b>2083631</b>	<b>1725784</b>	<b>1528913</b>
Less : Excise Duty	0	0	0
<b>Revenue from Operations (Net)</b>	<b>2083631</b>	<b>1725784</b>	<b>1528913</b>
(II) Other Income	49042	61829	50635
<b>(III) Total Revenue (I+II)</b>	<b>2132673</b>	<b>1787613</b>	<b>1579548</b>
<b>(IV) Expenditure on:</b>			
(a) Cost of materials consumed	0	0	0
(b) Purchase of stock-in-trade	0	0	21940
(c) Changes in inventories of finished goods, work-in-progress and stock in trade	0	0	0
(d) Stores & Spares	459	102	6
(e) Power & Fuel	15804	16344	10772
(f) Salary, Wages & Benefits/Employees Expense	98054	103060	95430
(g) Other Operating/direct/manufacturing Expenses	120282	111015	93541
(h) Rent, Royalty & Cess	1315	1429	1302
(i) Loss on sale of Assets/Investments	49	26	473
(j) Other Expenses	9827	13053	7949
<b>Total Expenditure (IV (a to j))</b>	<b>245790</b>	<b>245029</b>	<b>231413</b>
<b>(V) PROFIT BEFORE DEPRECIATION, &amp; IMPAIRMENT, FINANCE CHARGES/INTEREST, EXCEPTIONAL &amp; EXTRAORDINARY ITEMS &amp; TAXES (PBDIEET)(III-IV)</b>	<b>1886883</b>	<b>1542584</b>	<b>1348135</b>
(VI) Depreciation, Depletion & Amortisation	618279	508555	399585
(VII) Impairment	0	0	0
<b>(VIII) PROFIT BEFORE FINANCE COST/INTEREST, EXCEPTIONAL, EXTRA-ORDINARY ITEMS &amp; TAXES (PBIEET)(V-VI-VII)</b>	<b>1268604</b>	<b>1034029</b>	<b>948550</b>
<b>(IX) Finance Cost</b>			
(a) On Central Government Loans	0	0	0
(b) On Foreign Loans	40507	33674	34920
(c) Others	685759	610225	509311
(d) Less Finance Cost Capitalised	223891	245960	227462
(e) Charged to P & L Account (a+b+c-d)	502375	397939	316769
<b>(X) PROFIT BEFORE EXCEPTIONAL &amp; EXTRA-ORDINARY ITEMS &amp; TAX (PBEET)(VIII-IXe)</b>	<b>766229</b>	<b>636090</b>	<b>631781</b>
(XI) Exceptional Items	0	0	0
<b>(XII) PROFIT BEFORE EXTRA-ORDINARY ITEMS &amp; TAX (PBET)(X-XI)</b>	<b>766229</b>	<b>636090</b>	<b>631781</b>
(XIII) Extra-Ordinary Items	0	0	0
<b>(XIV) PROFIT BEFORE TAX (PBT)(XII-XIII)</b>	<b>766229</b>	<b>636090</b>	<b>631781</b>
(XV) TAX PROVISIONS	160585	133293	177677
<b>(XVI) NET PROFIT / LOSS FOR THE PERIOD FROM CONTINUING OPERATIONS AFTER TAX(XIV-XV)</b>	<b>605644</b>	<b>502797</b>	<b>454104</b>
(XVII) Profit/Loss from discontinuing operations	0	0	0
(XVIII) Tax expenses of discontinuing operations	0	0	0
(XIX) Profit/Loss from discontinuing operations (after Tax)(XVII-XVIII)	0	0	0
<b>(XX) Profit/Loss for the period (XVI+XIX)</b>	<b>605644</b>	<b>502797</b>	<b>454104</b>
<b>Financial Ratios</b>			
(i) Sales : Capital Employed	14.56	13.51	13.72
(ii) Cost of Sales : Sales	41.47	43.66	41.24
(iii) Salary/Wages : Sales	4.71	5.97	6.24
(iv) Net Profit : Net Worth	14.12	13.1	13.1
(v) Debt : Equity	19.16	17.08	14.68
(vi) Current Ratio	0.4	0.38	0.48
(vii) Trade Receivables : Sales	13.14	12.7	10.41
(viii) Total Inventory : Sales	3.95	4.16	4.66

## NTPC Electric Supply Company Limited

NTPC Bhawan, Core-7, SCOPE Complex 7, Institutional Area, Lodhi Road New Delhi-110003  
<http://www.biecco.gov.in>

### The Company

NTPC Electric Supply Company Ltd. (NESCL) was incorporated on 21.08.2002 with the objective to make a foray in the business of distribution and supply of electrical energy as a sequel to reforms initiated in the power sector. Presently, it is engaged in consultancy and retail distribution of power.

NESCL, a wholly owned subsidiary of NTPC Limited, is an uncatagorized CPSE in Power Transmission sector under the administrative control of the Ministry of Power. The company employed no regular employees as on 31.3.2016. Its registered office is at New Delhi and corporate office is at Noida, Uttar Pradesh.

### Vision / Mission

The vision of the company is to deliver quality power to the nation by creating models of excellence and benchmarks in electricity distribution thereby achieving customer delight.

The mission of the company is to create a role model in the electricity distribution business by setting new benchmarks, to provide transparent, ethical and prompt services for enhancing customer delight, to adopt creative and innovative techniques for demand-side management and financial viability of the distribution businesses, to speedily plan and implement distribution networks using state-of-the-art technologies, to provide reliable, uninterrupted and quality power at appropriate tariffs, to achieve effective energy accounting by ensuring accurate metering, timely billing and collection of revenues and to create competent and committed human resource by nurturing technological & commercial competence for organizational growth and excellence.

### Industrial / Business Operations

NESCL is providing Consultancy in area like implementation of turnkey projects under Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY), provision of supply of electricity in 5 Km areas around NTPC power stations, turnkey execution of sub-stations for utilities, project management consultancy.

Under RGGVY, NESCL was carrying out the implementation in 29 districts in 5 states (Madhya Pradesh, Chhattisgarh, Orissa, Jharkhand and West Bengal). The company was also involved in providing supply of electricity in 5 KM area around NTPC power plants under a Government of India scheme. So far the main thrust area of the company was on project implementation on deposit work basis under RGGVY. But subsequent to the transfer of all businesses operations to NTPC Ltd. w.e.f. 1<sup>st</sup> April 2015, all manpower has been repatriated back to NTPC Ltd.

### Performance Highlights

Total revenue of the company registered a decrease of ₹22.25 crore during 2015-16, which went down to ₹1.40 crore in 2015-16 from ₹23.65 crore in 2014-15 (Fig1). The profit of the company has also gone down by ₹0.35 crore to ₹0.91 crore in 2015-16, from ₹1.26 crore in previous year (Fig.1) due to decrease in revenue.

Return on net worth of the company was at 2.13 % in 2015-16 as against of 3.02% in 2014-15 (Fig-2). Net profit ratio of the company was at 0% in 2015-16 as against 7.47% in 2014-15. The current ratio of company is at 0.00:1 during 2015-16 as against 0.98:1 in the previous year. Balance Sheet and Profit & Loss Account of the company and selected financial ratios during the period 2013-14 to 2015-16 can be seen on the adjoining page.

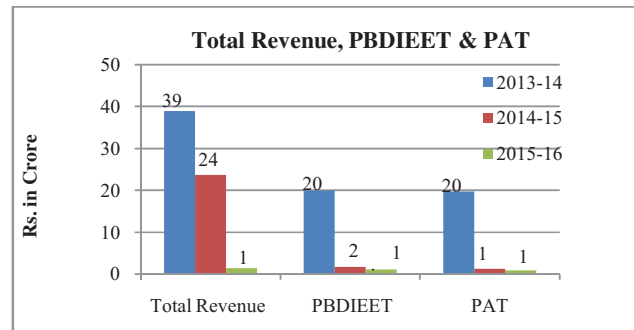


Fig. 1

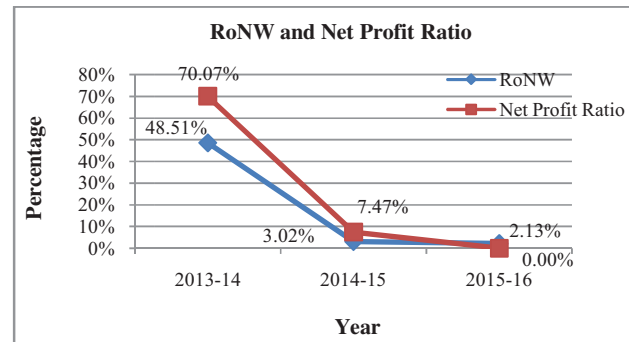


Fig.2

### Strategic Issues

NESCL, being a subsidiary company, of NTPC Ltd. is governed by the framework of Risk Management in NTPC Ltd.

## NTPC ELECTRIC SUPPLY COMPANY LTD.

BALANCE SHEET PARTICULARS	₹ in Lakhs		
	2015-16	2014-15	2013-14
<b>I. EQUITY &amp; LIABILITIES</b>			
<b>AUTHORISED CAPITAL</b>	<b>1000</b>	<b>1000</b>	<b>1000</b>
<b>(1) Shareholders' Funds</b>			
(a) Share Capital			
(i) Central Govt	0	0	0
(ii) Others	8	8	8
(b) Reserves & Surplus	4257	4166	4065
(c) Money received against share warrants	0	0	0
<b>Total Shareholders' Funds (1(a)+1(b)+1(c))</b>	<b>4265</b>	<b>4174</b>	<b>4073</b>
<b>(2) Share application money pending allotment</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>(3) Non-current Liabilities</b>			
(a) Long Term Borrowings	0	0	0
(b) Deferred tax liabilities (Net)	0	0	0
(c) Other Long-term liabilities	0	0	0
(d) Long-term provisions	0	0	0
<b>Total Non-Current Liabilities 3(a) to 3(d)</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>(4) Current Liabilities</b>			
(a) Short Term Borrowings	0	0	0
(b) Trade Payables	0	1901	578
(c) Other current liabilities	3504	58419	66644
(d) Short-term provisions	0	0	702
<b>Total Current Liabilities 4(a) to 4(d)</b>	<b>3504</b>	<b>60320</b>	<b>67924</b>
<b>TOTAL EQUITY &amp; LIABILITIES (1+2+3+4)</b>	<b>7769</b>	<b>64494</b>	<b>71997</b>
<b>II. ASSETS</b>			
<b>(1) Non-Current Assets</b>			
(a) Total Gross Fixed Assets	0	146	194
(ai) Accumulated Depreciation, Depletion & Amortisation	0	106	126
(aii) Accumulated Impairment	0	0	0
<b>(b) Total Net Fixed Assets ((a)-(ai)-(aii))</b>	<b>0</b>	<b>40</b>	<b>68</b>
(c) Capital work in progress	0	0	0
(d) Intangible assets under developmet	0	0	0
<b>(e) Non-Current Investments</b>	<b>0</b>	<b>5</b>	<b>31</b>
<b>(f) Deferred Tax Assets (Net)</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>(g) Long Term Loans and Advances</b>	<b>7752</b>	<b>5361</b>	<b>4808</b>
<b>(h) Other Non-Current Assets</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Non-Current Assets (b+c+d+e+f+g+h)</b>	<b>7752</b>	<b>5406</b>	<b>4907</b>
<b>(2) Current Assets</b>			
(a) Current Investments	0	0	0
(b) Inventories	0	0	0
(c) Trade Receivables	0	3489	809
(d) Cash & Bank Balance	17	50210	65065
(e) Short-term Loans & Advances	0	0	66
(f) Other Current Assets	0	5389	1150
<b>Total Current Assets (a+b+c+d+e+f)</b>	<b>17</b>	<b>59088</b>	<b>67090</b>
<b>TOTAL ASSETS (1+2)</b>	<b>7769</b>	<b>64494</b>	<b>71997</b>
<b>Important Indicators</b>			
(i) Investment	8	8	8
(ii) Capital Employed	4265	4174	4073
(iii) Net Worth	4265	4174	4073
(iv) Net Current Assets	-3487	-1232	-834
(v) Cost of Sales	26	2205	1913
(vi) Net Value Added (at market price)	114	919	3337
(vii) Total Regular Employees (Nos.)		76	87
(viii) Avg. Monthly Emoluments per Employee(₹)	0	76206	120881

PROFIT & LOSS ACCOUNT PARTICULARS	₹ in Lakhs		
	2015-16	2014-15	2013-14
<b>(I) Revenue from Operations (Gross)</b>	<b>0</b>	<b>1686</b>	<b>2820</b>
Less : Excise Duty	0	0	0
<b>Revenue from Operations (Net)</b>	<b>0</b>	<b>1686</b>	<b>2820</b>
(II) Other Income	140	679	1069
<b>(III) Total Revenue (I+II)</b>	<b>140</b>	<b>2365</b>	<b>3889</b>
<b>(IV) Expenditure on:</b>			
(a) Cost of materials consumed	0	0	0
(b) Purchase of stock-in-trade	0	0	0
(c) Changes in inventories of finished goods, work-in-progress and stock in trade	0	0	0
(d) Stores & Spares	0	0	0
(e) Power & Fuel	0	4	0
(f) Salary, Wages & Benefits/Employees Expense	0	695	1262
(g) Other Operating/direct/manufacturing Expenses	0	370	587
(h) Rent, Royalty & Cess	0	26	41
(i) Loss on sale of Assets/Investments	0	0	0
(j) Other Expenses	26	1098	6
<b>Total Expenditure (IV (a to j))</b>	<b>26</b>	<b>2193</b>	<b>1896</b>
<b>(V) PROFIT BEFORE DEPRECIATION, &amp; IMPAIRMENT, FINANCE CHARGES/INTEREST, EXCEPTIONAL &amp; EXTRAORDINARY ITEMS &amp; TAXES (PBDIEET)(III-IV)</b>	<b>114</b>	<b>172</b>	<b>1993</b>
(VI) Depreciation, Depletion & Amortisation	0	12	17
(VII) Impairment	0	0	0
<b>(VIII) PROFIT BEFORE FINANCE COST/INTEREST, EXCEPTIONAL, EXTRA-ORDINARY ITEMS &amp; TAXES (PBIET)(V-VI-VII)</b>	<b>114</b>	<b>160</b>	<b>1976</b>
<b>(IX) Finance Cost</b>			
(a) On Central Government Loans	0	0	0
(b) On Foreign Loans	0	0	0
(c) Others	0	0	0
(d) Less Finance Cost Capitalised	0	0	0
(e) Charged to P & L Account (a+b+c -d)	0	0	0
<b>(X) PROFIT BEFORE EXCEPTIONAL &amp; EXTRA-ORDINARY ITEMS &amp; TAX (PBEET)(VIII-IXe)</b>	<b>114</b>	<b>160</b>	<b>1976</b>
(XI) Exceptional Items	0	0	0
<b>(XII) PROFIT BEFORE EXTRA-ORDINARY ITEMS &amp; TAX (PBET)(X-XI)</b>	<b>114</b>	<b>160</b>	<b>1976</b>
(XIII) Extra-Ordinary Items	0	0	0
<b>(XIV) PROFIT BEFORE TAX (PBT)(XII-XIII)</b>	<b>114</b>	<b>160</b>	<b>1976</b>
(XV) TAX PROVISIONS	23	34	0
<b>(XVI) NET PROFIT / LOSS FOR THE PERIOD FROM CONTINUING OPERATIONS AFTER TAX(XIV-XV)</b>	<b>91</b>	<b>126</b>	<b>1976</b>
(XVII) Profit/Loss from discontinuing operations	0	0	0
(XVIII) Tax expenses of discontinuing operations	0	0	0
(XIX) Profit/Loss from discontinuing operations (after Tax)(XVII-XVIII)	0	0	0
<b>(XX) Profit/Loss for the period (XVI+XIX)</b>	<b>91</b>	<b>126</b>	<b>1976</b>
<b>Financial Ratios</b>			
(i) Sales : Capital Employed	0	40.39	69.24
(ii) Cost of Sales : Sales	0	130.78	67.84
(iii) Salary/Wages : Sales	0	41.22	44.75
(iv) Net Profit : Net Worth	2.13	3.02	48.51
(v) Debt : Equity	0	0	0
(vi) Current Ratio	0	0.98	0.99
(vii) Trade Receivables : Sales	0	206.94	28.69
(viii) Total Inventory : Sales	0	0	0

## Power Grid Corporation of India Ltd.

B9, Qutab Institutional Area, Katwaria Sarai, New Delhi 110016

www.powergridindia.com

### The Company

Power Grid Corporation of India Ltd. (POWERGRID) was incorporated on 23rd October 1989 with the objective to address the need for creating a National Power Grid and to address the inadequacies in power transmission system by taking over the transmission assets and manpower from the power sector undertakings such as, NTPC, NHPC, NEEPCO, NLC, NPC, THDC and CEA. The current objective of the company is to undertake all functions of planning and coordination relating to Inter-State transmission system.

POWERGRID is a schedule 'A' listed Navratna CPSE in power Transmission sector under the administrative control of the Ministry of Power with 57.90% shareholding by the Government of India. The company has 8298 regular employees as on 31st March 2016 (5853 Executives & 2445 Non-Executives). The company's registered office is at New Delhi and corporate office is at Gurgaon, Haryana.

### Vision / Mission

The vision is to be "world class, integrated, global transmission company with dominant leadership in emerging power markets ensuring reliability, safety and economy". This will be achieved by setting superior standards in capital project management and operations; leveraging capabilities to consistently generate maximum value for all stakeholders in India and other economies; nurturing next generation of professionals; improvements through innovations; committing to highest standards in health, safety, security and environment.

### Industrial / Business Operations

POWERGRID being the central transmission utility of the country has been entrusted with the task to undertake transmission of electric power through its Inter-State Transmission System by way of construction, operation and maintenance of Extra High Voltage AC and DC Transmission lines and Sub-stations. The company operates through its 9 Regional Headquarters and Corporate Centre at Gurgaon. The company has 9 wholly owned subsidiary companies viz. POSCO, Powergrid N M Transmission Ltd., Powergrid Vizag Transmission Ltd., Powergrid Unchahar Transmission Ltd. Powergrid Kala Amb Transmission Ltd., Powergrid Jabalpur Transmission Limited, Powergrid Warora Transmission Limited, Powergrid Parli Transmission Limited and Powergrid Southern interconnector transmission system Limited. POSCO is operating through 5 Regional Load Despatch Centres and National Load Despatch Centre at New Delhi; whereas the other subsidiaries were taken over by Powergrid under Tariff based competitive bidding for establishing the Transmission System. Powergrid has also diversified into Telecom and consultancy business and is providing its services to domestic and international clients with global footprints in 18 countries. The company has 13 joint ventures.

### Performance Highlights

The performance of company during the last three years is given below:

Main Services	Unit	Performance as on 31 <sup>st</sup> March of the year		
		2015-16	2014-15	2013-14
Transmission Line	Circuit Kms	129354	115637	106804
Transformation Capacity	MVA	254848	231709	205923

Total revenue of the company has gone up by ₹3501.14 crore in the financial year 2015-16 from ₹17780.04 crore in the financial year 2014-15 to ₹21281.18 crore in financial year 2015-16 (Fig.1). The profit of the company has also increased by ₹1047.55 during the financial year 2014-15 which went up from ₹4979.17 crore in the financial year 2014-15 to ₹6026.72 crore in the financial

year 2015-16. The increase in profit is attributed to increase in turnover as a result of commissioning of new projects and deployment of technologically advanced operation solutions etc.

Return on net worth of the company is 14.10 % in 2015-16 to 13.02% in the previous year. Net profit ratio of the company has gone down to 28.97% in 2015-16 from 28.99% in 2014-15(Fig.2). Balance Sheet and Profit & Loss Account of the company and selected financial ratios during the period 2013-14 to 2015-16 can be seen on the adjoining page.

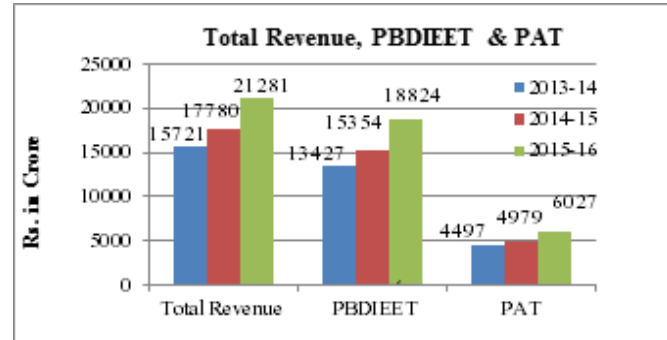


Fig-1

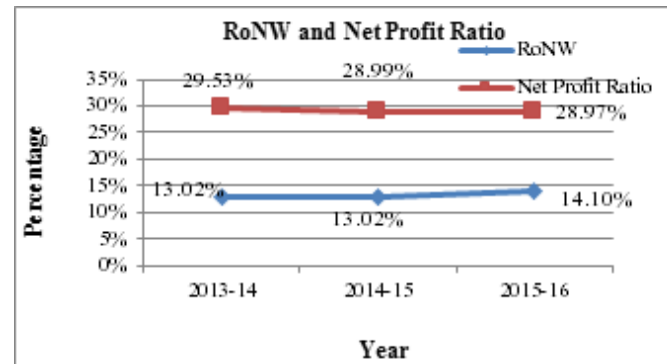


Fig-2

### Strategic Issues

Powergrid being one of the largest transmissions utility in the world is playing a strategic role in the development of Indian Power Sector. Powergrid as a central transmission utility (CTU) of the country is playing an active role in preparing a roadmap for development of SAARC market for electricity and development of cross-country power grid harnessing each other capacities and resources to address growing energy need in the region. Powergrid has formed JVs (50:50) with state utilities of Bihar and Odisha, which has opened up new avenues for development of sub-transmission system in the country by providing support to states. The "Green Energy Corridors" including the Control Infrastructure being developed at intra-state by states and inter-state level by Powergrid. The Powergrid shall facilitate Grid integration of envisaged renewable capacity addition countrywide during 12<sup>th</sup> plan period addressing the intermittency and variability characteristic of Renewable Energy. The company, during the 12<sup>th</sup> Plan period, plans to augment the power transmission network to enhance the National Grid inter-regional power transfer capacity to more than 72,250 MW and also secure additional assignments in many countries worldwide.

## POWER GRID CORPORATION OF INDIA LTD.

BALANCE SHEET	(₹ in Lakhs)		
PARTICULARS	2015-16	2014-15	2013-14
<b>I. EQUITY &amp; LIABILITIES</b>			
<b>AUTHORISED CAPITAL</b>	1000000	1000000	1000000
<b>(1) Shareholders' Funds</b>			
(a) Share Capital			
(i) Central Govt	302884	302884	302884
(ii) Others	220275	220275	220275
(b) Reserves & Surplus	3750238	3300812	2932311
(c) Money received against share warrants	0	0	0
<b>Total Shareholders' Funds (1(a)+1(b)+1(c))</b>	<b>4273397</b>	<b>3823971</b>	<b>3455470</b>
<b>(2) Share application money pending allotment</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>(3) Non-current Liabilities</b>			
(a) Long Term Borrowings	1002397 5	8937584	7679022
(b) Deferred tax liabilities (Net)	248937	247215	244296
(c) Other Long-term liabilities	706181	578767	575969
(d) Long-term provisions	65045	58023	52437
<b>Total Non-Current Liabilities 3(a) to 3(d)</b>	<b>1104413 8</b>	<b>9821589</b>	<b>8551724</b>
<b>(4) Current Liabilities</b>			
(a) Short Term Borrowings	200000	120000	270000
(b) Trade Payables	31389	39297	32907
(c) Other current liabilities	2139130	1904036	1552004
(d) Short-term provisions	154838	121195	96802
<b>Total Current Liabilities 4(a) to 4(d)</b>	<b>2525357</b>	<b>2184528</b>	<b>1951713</b>
<b>TOTAL EQUITY &amp; LIABILITIES (1+2+3+4)</b>	<b>1784289 2</b>	<b>15830088</b>	<b>13958907</b>
<b>II. ASSETS</b>			
<b>(1) Non-Current Assets</b>			
<b>(a) Total Gross Fixed Assets</b>	<b>1500519 2</b>	<b>11826426</b>	<b>9650366</b>
(ai) Accumulated Depreciation, Depletion & Amortisation	3489402	2857805	2334959
(aii) Accumulated Impairment	0	0	0
<b>(b) Total Net Fixed Assets (a)-(ai)-(aii)</b>	<b>1151579 0</b>	<b>8968621</b>	<b>7315407</b>
(c) Capital work in progress	4363785	5271286	4912771
(d) Intangible assets under developmet	17211	21129	34900
<b>(e) Non-Current Investments</b>	<b>77128</b>	<b>74099</b>	<b>81433</b>
(f) Deferred Tax Assets (Net)	0	0	0
(g) Long Term Loans and Advances	483856	417789	455299
(h) Other Non-Current Assets	386942	284154	249057
<b>Total Non-Current Assets (b+c+d+e+f+g+h)</b>	<b>1684471 2</b>	<b>15037078</b>	<b>13048867</b>
<b>(2) Current Assets</b>			
(a) Current Investments	3564	18543	18435
(b) Inventories	82368	71775	71240
(c) Trade Receivables	273797	211865	157846
(d) Cash & Bank Balance	245372	206298	441752
(e) Short-term Loans & Advances	79400	56642	47204
(f) Other Current Assets	313679	227887	173563
<b>Total Current Assets (a+b+c+d+e+f)</b>	<b>998180</b>	<b>793010</b>	<b>910040</b>
<b>TOTAL ASSETS (1+2)</b>	<b>1784289 2</b>	<b>15830088</b>	<b>13958907</b>
<b>Important Indicators</b>			
(i) Investment	1054713 4	9460743	8202181
(ii) Capital Employed	1429737 2	12761555	11134492
(iii) Net Worth	4273397	3823971	3455470
(iv) Net Current Assets	-1527177	-1391518	-1041673
(v) Cost of Sales	863899	751108	628541
(vi) Net Value Added (at market price)	1376168	1247140	1153569
(vii) Total Regular Employees (Nos.)	8298	8425	8694
(viii) Avg. Monthly Emoluments per Employee(₹)	98472	101251	90261

PROFIT & LOSS ACCOUNT	(₹ in Lakhs)		
PARTICULARS	2015-16	2014-15	2013-14
<b>(I) Revenue from Operations (Gross)</b>	<b>2080222</b>	<b>1717723</b>	<b>1523028</b>
Less : Excise Duty	0	0	0
<b>Revenue from Operations (Net)</b>	<b>2080222</b>	<b>1717723</b>	<b>1523028</b>
(II) Other Income	47896	60281	49113
<b>(III) Total Revenue (I+II)</b>	<b>2128118</b>	<b>1778004</b>	<b>1572141</b>
<b>(IV) Expenditure on:</b>			
(a) Cost of materials consumed	0	0	0
(b) Purchase of stock-in-trade	0	0	21940
(c) Changes in inventories of finished goods, work-in-progress and stock in trade	0	0	0
(d) Stores & Spares	459	102	6
(e) Power & Fuel	15804	16340	10772
(f) Salary, Wages & Benefits/Employees Expense	98054	102365	94168
(g) Other Operating/direct/manufacturing Expenses	120203	110442	92883
(h) Rent, Royalty & Cess	1315	1403	1261
(i) Loss on sale of Assets/Investments	49	26	473
(j) Other Expenses	9788	11915	7943
<b>Total Expenditure (IV (a to j))</b>	<b>245672</b>	<b>242593</b>	<b>229446</b>
<b>(V) PROFIT BEFORE DEPRECIATION, &amp; IMPAIRMENT, FINANCE CHARGES/INTEREST, EXCEPTIONAL &amp; EXTRAORDINARY ITEMS &amp; TAXES (PBDIEET)(III-IV)</b>	<b>1882446</b>	<b>1535411</b>	<b>1342695</b>
(VI) Depreciation, Depletion & Amortisation	618276	508541	399568
(VII) Impairment	0	0	0
<b>(VIII) PROFIT BEFORE FINANCE COST/INTEREST, EXCEPTIONAL, EXTRA-ORDINARY ITEMS &amp; TAXES (PBIET)(V-VI-VII)</b>	<b>1264170</b>	<b>1026870</b>	<b>943127</b>
<b>(IX) Finance Cost</b>			
(a) On Central Government Loans	0	0	0
(b) On Foreign Loans	40507	33674	34920
(c) Others	685681	610218	509294
(d) Less Finance Cost Capitalised	223891	245960	227462
(e) Charged to P & L Account (a+b+c -d)	502297	397932	316752
<b>(X) PROFIT BEFORE EXCEPTIONAL &amp; EXTRA-ORDINARY ITEMS &amp; TAX (PBEET)(VIII-IXe)</b>	<b>761873</b>	<b>628938</b>	<b>626375</b>
(XI) Exceptional Items	0	0	0
<b>(XII) PROFIT BEFORE EXTRA-ORDINARY ITEMS &amp; TAX (PBET)(X-XI)</b>	<b>761873</b>	<b>628938</b>	<b>626375</b>
(XIII) Extra-Ordinary Items	0	0	0
<b>(XIV) PROFIT BEFORE TAX (PBT)(XII-XIII)</b>	<b>761873</b>	<b>628938</b>	<b>626375</b>
(XV) TAX PROVISIONS	159201	131021	176633
<b>(XVI) NET PROFIT / LOSS FOR THE PERIOD FROM CONTINUING OPERATIONS AFTER TAX(XIV-XV)</b>	<b>602672</b>	<b>497917</b>	<b>449742</b>
(XVII) Profit/Loss from discontinuing operations	0	0	0
(XVIII) Tax expenses of discontinuing operations	0	0	0
(XIX) Profit/Loss from discontinuing operations (after Tax)(XVII-XVIII)	0	0	0
<b>(XX) Profit/Loss for the period (XVI+XIX)</b>	<b>602672</b>	<b>497917</b>	<b>449742</b>
<b>Financial Ratios</b>			
(i) Sales : Capital Employed	14.55	13.46	13.68
(ii) Cost of Sales : Sales	41.53	43.73	41.27
(iii) Salary/Wages : Sales	4.71	5.96	6.18
(iv) Net Profit : Net Worth	14.1	13.02	13.02
(v) Debt : Equity	19.16	17.08	14.68
(vi) Current Ratio	0.4	0.36	0.47
(vii) Trade Receivables : Sales	13.16	12.33	10.36
(viii) Total Inventory : Sales	3.96	4.18	4.68

## REC Transmission Projects Company Limited

Core-4, SCOPE Complex, 7, Lodhi Road, New Delhi 110003  
www.recindia.nic.in

### The Company

REC Transmission Projects Company Limited (REC TPCL) was incorporated on 8<sup>th</sup> January 2007 (as wholly owned subsidiary of Rural Electrification Corporation Limited) with the objective to promote, organize or carry on the business of consultancy services and / or project implementation in any field of activity relating to transmission and distribution of electricity in India or abroad. Presently, RECTPCL is engaged in the business of bid process coordinator for the selection of bidders for development / implementation of transmission lines of electricity in India.

REC TPCL is an uncategorized CPSE in Power Transmission sector under the administrative control of Ministry of Power. The company is a 100 % subsidiary of REC LTD. No permanent employees have been appointed in the company, the employees of the holding company namely REC Ltd., have been given additional duty to carry out day to day work of the company. Its registered and corporate offices are at New Delhi.

### Vision / Mission

The vision / mission of the company is to facilitate smooth and rapid development of transmission and distribution capacity in the country and for accelerated growth of power sector & enrichment of quality of life of all segments of population; and to act as a competitive, client-friendly and development-oriented organization for promoting projects covering power generation, power conservation, power transmission and power distribution network in the country.

### Industrial / Business Operations

Ministry of Power, Government of India through its gazette notification appoints REC TPCL as Bid Process Coordinator (BPC) for selection of developer for Transmission Projects through tariff based competitive bidding (TBCB) process following two stage bidding process of Request for Qualification (RFQ) and Request for Proposal (RFP). These projects will be implemented on Build, Own, Operate and Maintain (BOOM) basis by the selected bidder.

The company is in the Management Consultancy business and operates from its sole office at New Delhi. The main activities include:

To act as Bid Process Coordinator for the inter-State Transmission Projects as mandated by the Ministry of Power through Gazette of India.

To form project specific Special Purpose Vehicle (SPV) to develop projects under Tariff Based Competitive Bidding.

Other consultancy business in Bid Processing activity for state power utilities.

### Performance Highlights

Total revenue of the company registered a decrease of ₹28.29 crore during 2015-16, which went down to ₹44.15 crore in 2015-16 from ₹72.44 crore in 2014-15 (Fig1). The profit of the company has also gone down by ₹18.73 crore to ₹28.81 crore in 2015-16, from ₹47.54 crore in previous year (Fig.1).

Return on net worth of the company has decreased to 23.34% in 2015-16 from 45.27% in 2014-15. Net profit ratio of the company has increased to 84.51% in 2015-16 from 74.57% in 2014-15 (Fig.2). The current ratio of company is at 4.25:1 during 2015-16 as against 1.84:1 in the previous year. Balance Sheet and Profit & Loss Account of the company and selected financial ratios during the period 2013-14 to 2015-16 can be seen on the adjoining page.

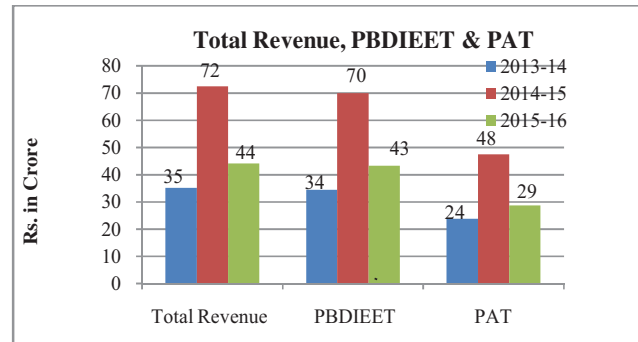


Fig. 1

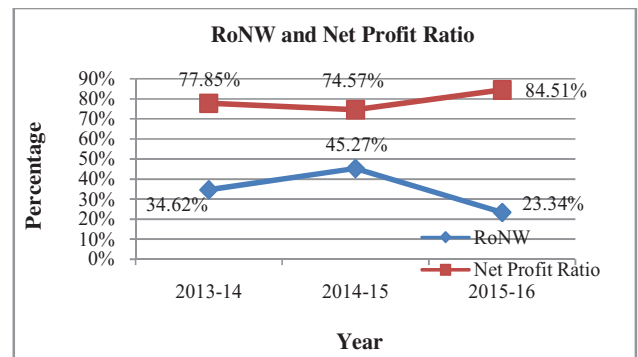


Fig.2



## REC TRANSMISSION PROJECTS CO. LTD.

BALANCE SHEET PARTICULARS	₹ in Lakhs		
	2015-16	2014-15	2013-14
<b>I. EQUITY &amp; LIABILITIES</b>			
<b>AUTHORISED CAPITAL</b>	5	5	5
<b>(1) Shareholders' Funds</b>			
(a) Share Capital			
(i) Central Govt	0	0	0
(ii) Others	5	5	5
(b) Reserves & Surplus	12336	10496	6886
(c) Money received against share warrants	0	0	0
<b>Total Shareholders' Funds (1(a)+1(b)+1(c))</b>	<b>12341</b>	<b>10501</b>	<b>6891</b>
<b>(2) Share application money pending allotment</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>(3) Non-current Liabilities</b>			
(a) Long Term Borrowings	0	0	0
(b) Deferred tax liabilities (Net)	1	1	0
(c) Other Long-term liabilities	0	0	0
(d) Long-term provisions	0	0	0
<b>Total Non-Current Liabilities 3(a) to 3(d)</b>	<b>1</b>	<b>1</b>	<b>0</b>
<b>(4) Current Liabilities</b>			
(a) Short Term Borrowings	0	0	332
(b) Trade Payables	0	0	0
(c) Other current liabilities	31	4092	587
(d) Short-term provisions	1096	1265	171
<b>Total Current Liabilities 4(a) to 4(d)</b>	<b>1127</b>	<b>5357</b>	<b>1090</b>
<b>TOTAL EQUITY &amp; LIABILITIES (1+2+3+4)</b>	<b>13469</b>	<b>15859</b>	<b>7981</b>
<b>II. ASSETS</b>			
<b>(1) Non-Current Assets</b>			
(a) Total Gross Fixed Assets	14	10	5
(ai) Accumulated Depreciation, Depletion & Amortisation	5	2	0
(a(ii) Accumulated Impairment	0	0	0
<b>(b) Total Net Fixed Assets ((a)-(ai)-(a(ii)))</b>	<b>9</b>	<b>8</b>	<b>5</b>
(c) Capital work in progress	0	0	0
(d) Intangible assets under developmet	0	0	0
<b>(e) Non-Current Investments</b>	<b>8628</b>	<b>6000</b>	<b>6000</b>
(f) Deferred Tax Assets (Net)	0	0	0
<b>(g) Long Term Loans and Advances</b>	<b>38</b>	<b>0</b>	<b>0</b>
<b>(h) Other Non-Current Assets</b>	<b>0</b>	<b>18</b>	<b>18</b>
<b>Total Non-Current Assets (b+c+d+e+f+g+h)</b>	<b>8675</b>	<b>6026</b>	<b>6023</b>
<b>(2) Current Assets</b>			
(a) Current Investments	25	15	25
(b) Inventories	0	0	0
(c) Trade Receivables	50	3746	525
(d) Cash & Bank Balance	4022	5689	843
(e) Short-term Loans & Advances	335	103	376
(f) Other Current Assets	362	280	189
<b>Total Current Assets (a+b+c+d+e+f)</b>	<b>4794</b>	<b>9833</b>	<b>1958</b>
<b>TOTAL ASSETS (1+2)</b>	<b>13469</b>	<b>15859</b>	<b>7981</b>
<b>Important Indicators</b>			
(i) Investment	5	5	5
(ii) Capital Employed	12341	10501	6891
(iii) Net Worth	12341	10501	6891
(iv) Net Current Assets	3667	4476	868
(v) Cost of Sales	95	245	71
(vi) Net Value Added (at market price)	4874	7890	3737
(vii) Total Regular Employees (Nos.)	0	0	0
(viii) Avg. Monthly Emoluments per Employee(₹)	0	0	0

PROFIT & LOSS ACCOUNT PARTICULARS	₹ in Lakhs		
	2015-16	2014-15	2013-14
<b>(I) Revenue from Operations (Gross)</b>	<b>3409</b>	<b>6375</b>	<b>3065</b>
Less : Excise Duty	0	0	0
<b>Revenue from Operations (Net)</b>	<b>3409</b>	<b>6375</b>	<b>3065</b>
(II) Other Income	1006	869	453
<b>(III) Total Revenue (I+II)</b>	<b>4415</b>	<b>7244</b>	<b>3518</b>
<b>(IV) Expenditure on:</b>			
(a) Cost of materials consumed	0	0	0
(b) Purchase of stock-in-trade	0	0	0
(c) Changes in inventories of finished goods, work-in-progress and stock in trade	0	0	0
(d) Stores & Spares	0	0	0
(e) Power & Fuel	0	0	0
(f) Salary, Wages & Benefits/Employees Expense	0	0	0
(g) Other Operating/direct/manufacturing Expenses	79	203	71
(h) Rent, Royalty & Cess	0	0	0
(i) Loss on sale of Assets/Investments	0	0	0
(j) Other Expenses	13	40	0
<b>Total Expenditure (IV (a to j))</b>	<b>92</b>	<b>243</b>	<b>71</b>
<b>(V) PROFIT BEFORE DEPRECIATION, &amp; IMPAIRMENT, FINANCE CHARGES/INTEREST, EXCEPTIONAL &amp; EXTRAORDINARY ITEMS &amp; TAXES (PBDIEET)(III-IV)</b>	<b>4323</b>	<b>7001</b>	<b>3447</b>
(VI) Depreciation, Depletion & Amortisation	3	2	0
(VII) Impairment	0	0	0
<b>(VIII) PROFIT BEFORE FINANCE COST/INTEREST, EXCEPTIONAL, EXTRA-ORDINARY ITEMS &amp; TAXES (PBIET)(V-VI-VII)</b>	<b>4320</b>	<b>6999</b>	<b>3447</b>
<b>(IX) Finance Cost</b>			
(a) On Central Government Loans	0	0	0
(b) On Foreign Loans	0	0	0
(c) Others	78	7	17
(d) Less Finance Cost Capitalised	0	0	0
(e) Charged to P & L Account (a+b+c -d)	78	7	17
<b>(X) PROFIT BEFORE EXCEPTIONAL &amp; EXTRA-ORDINARY ITEMS &amp; TAX (PBEET)(VIII-IXe)</b>	<b>4242</b>	<b>6992</b>	<b>3430</b>
(XI) Exceptional Items	0	0	0
<b>(XII) PROFIT BEFORE EXTRA-ORDINARY ITEMS &amp; TAX (PBET)(X-XI)</b>	<b>4242</b>	<b>6992</b>	<b>3430</b>
(XIII) Extra-Ordinary Items	0	0	0
<b>(XIV) PROFIT BEFORE TAX (PBT)(XII-XIII)</b>	<b>4242</b>	<b>6992</b>	<b>3430</b>
(XV) TAX PROVISIONS	1361	2238	1044
<b>(XVI) NET PROFIT / LOSS FOR THE PERIOD FROM CONTINUING OPERATIONS AFTER TAX(XIV-XV)</b>	<b>2881</b>	<b>4754</b>	<b>2386</b>
(XVII) Profit/Loss from discontinuing operations	0	0	0
(XVIII) Tax expenses of discontinuing operations	0	0	0
(XIX) Profit/Loss from discontinuing operations (after Tax)(XVII-XVIII)	0	0	0
<b>(XX) Profit/Loss for the period (XVI+XIX)</b>	<b>2881</b>	<b>4754</b>	<b>2386</b>
<b>Financial Ratios</b>			
(i) Sales : Capital Employed	27.62	60.71	44.48
(ii) Cost of Sales : Sales	2.79	3.84	2.32
(iii) Salary/Wages : Sales	0	0	0
(iv) Net Profit : Net Worth	23.34	45.27	34.62
(v) Debt : Equity	0	0	0
(vi) Current Ratio	4.25	1.84	1.8
(vii) Trade Receivables : Sales	1.47	58.76	17.13
(viii) Total Inventory : Sales	0	0	0