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# ANNUAL ADMINISTRATION REPORT



**FY-2008-09**

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## **BRIEF PROGRESS OF VARIOUS SCHEME**

### **1) 33 kV and 22 kV lines and sub- stations commissioned during the year**

**2008-2009:-**

During the year 2008-2009 the M.S.E.D.C.Ltd. commissioned 58 new (33/11kV, 22/11 KV) Sub-Stations. The transformer capacities have also been augmented at 107 existing 33 kV Sub-Stations during the year under system improvement scheme.

<b>Sr. No.</b>	<b>Particulars</b>	<b>Achievement During 2008-2009</b>
1.	Capacity added in S/Stn.33/11 KV,33/22 KV and 22/11 KV	687.25 MVA
2.	Sub-transmission lines energized 33 kV, 22 KV	1318.30 Ckt-km

### **2) System Improvement Schemes :**

In order to reduce the distribution losses 58 nos. of new substations are added during year 2008 - 2009 as above.

Further to reduce the commercial losses, the static meters were installed in place of electro mechanical meters and for faulty meters replacement. This work has been especially taken up in the urban areas in year 2008 - 2009 and in Rural areas faulty meters were replaced by high precision meters.

### **Accelerated Power Development Reform Programme (APDRP)**

The A.P.D.R.P. schemes for 20 districts / towns sanctioned in 2002-03 and 2003-04 amounting Rs. 1136.54 Crores are closed/short closed on March 2009 as per directives of MoP, GoI . The expenditure incurred is Rs. 1021.57 Crores as on March -09. Further during 2004-05 and 2005-06, G.O.I. has sanctioned 11 schemes for towns under APDRP phase-2 amounting to Rs. 237.53 Crores and expenditure incurred Rs 185.54 Crores as on March -09 . All the schemes are closed / Short closed on March - 09

R-APDRP is GOI's initiative with focus on establishment of baseline data and fixation of accountability and reduction of AT & C losses through strengthening & upgradation of sub transmission and distribution network and adoption of Information Technology during XI Plan. PFC has approved 107 towns amounting to 162.18 Crs for R APDRP under part A which involves IT implementation. Tenderization work for Part A works is progress.

### **Japan Bank for International Co-operation (JBIC) :**

There are nine Nos. of the scheme covering 9 Nos. Districts for System Improvement are sanctioned by JBIC for loan assistance under phase - I. The 9 districts covered are namely Sangli, Jalgaon, Ahmednagar, Nandurbar, Wardha, Pune, Solapur , Nagpur & Nashik & the total cost of these schemes is Rs. 59.34 Cr. But out of these 9 Nos. of schemes, 1 No. of scheme i.e. Nagpur (MH-6) is dropped. Therefore, 8 Nos. of schemes are remaining under JBIC & the total cost of these schemes is Rs. 49.23 Cr. & total value of award of these schemes is Rs. 55.93Cr.

Total 19 Nos. of New S/stn . are covered under these scheme, out of which 10 S/stn. are commissioned. Similarly, 17 Nos. of Aug. & Addl. T/f for 33 KV S/stn. are covered under these scheme, out of which 13 Nos. Additional T/f are Charged. The total 33 Kv line is 214.70 is covered under these schemes, out of which 122.54 km line is completed.

### **Infrastructure Plan**

Execution of Infrastructure Projects was partly Departmentally (Urgent Six months work) and partly on Turnkey basis.

The target for Departmental works for the year 2008-2009 is worth Rs. 574.83 Crores and the achievements for the year 2008-2009 is Rs. 310.56 Crores as on March 2009.

### **Single Phasing**

Due to limitations of the available Generation capacity, the load shedding is required to be done especially during morning & evening peaks. In order to make available supply to domestic consumers during peak load hours especially in the evening and night, single phasing scheme is being implemented.

Single phasing is done in three stages i.e. Phase – I, Phase – II & Phase – III. Single phasing Phase – III is implemented on the same feeders which were covered in Single phasing Phase – I & II to cover the balance villages and wadies. Single phasing Phase – I is completed in July 2006 & Phase – II is completed in June 2008. Single phasing Phase – II scheme is implemented for 768 nos. of feeders. Because of this 3877 nos. of villages are benefited and a load management of 722 MW is achieved.

Under Single phasing Phase – III, achievements done is given as below:-

Sr. No.	Details	Target	Achievements as on 31.03.2009
1	No. of DPS	5413	1084
2	No. of villages covered	1536	626
3	No. of Wadies covered	1334	178
4	Expenditure upto March 2009 (Rs. in Crores)	204.93	43.87

#### **Gaothan Feeder Separation Scheme (GFSS):-**

The Gaothan Feeder Separation Scheme, Phase – I is sanctioned for 20 districts. Total feeders to be commissioned are 1504 nos. and the scheme is expected to be completed by the end of Dec'09. Upto March 2009, 1300 feeders are commissioned in this scheme. Total 5065 villages, out of targeted 7437 villages are benefited and load relief of 1589 MW against 1976 MW is obtained. The expenditure upto March 2009 is Rs. 579.67 Crores.

#### **3) Reactive Power Planning for reducing T&D losses :**

The capacitor banks totaling 4388.93 MVAR are installed as on 31-03-2009. This includes capacitor installed at HV level during 2008-09 is 105.62 MVAR. Similarly the capacitors provided on distribution transformer centers are totaling 2050.60 MVAR.

#### **4) NON CONVENTIONAL SOURCES OF ENERGY :**

##### **Wind Energy Projects in Maharashtra State :**

Wind Mill generators are installed at Vankusavde / Thoseghar/ Chalkewadi, Dist. Satara, Dhalgaon / Gudapanchgani, Dist. Sangli, Kovdyadongar / Supa, Dist. Ahmednagar and Bhramanwel Dist. Dhule / Motha Dist. Amravati by MEDA & other private agencies (Developers).

As per MERC order dated 24/11/2003 and M.S.E.D.C.Ltd. policy, the wind farm developers has commissioned their wind mill generator of total capacity 1800.83 MW up to 31 - 12 - 2008. Group – I Project, commissioned upto 27.12.1999 is 31.988 MW + Group – II Project, commissioned after 28.12.1999 upto

31.03.2003 is 366.54 MW + Group – III Project commissioned, after 01.04.2003 upto 31.12.2008 is 1402.305 MW.

#### **Cogeneration Projects in Maharashtra State:**

A Cogeneration facility is defined as one, which simultaneously produces two or more forms of useful energy such as electrical power and steam.

As such, the EPA's executed are 40 Nos. involving installed generation capacities to the tune of 464.36 MW. The installed generation capacity in operation for sale of power to MSEDCCL as on 30.06.09 is to the tune of 171.50 MW. The purchase rate by MSEDCCL is @ Rs. 3.05 per unit with an escalation of 2% per annum on compounded basis in line with MERC order dt:- 16/08/2002.

Further, GOM has initiated various schemes to encourage such generation in the State.

#### **Biomass (IPP) Projects:-**

The EPA's executed are to the tune of 17 Nos. having capacity 181 MW. The installed generation capacity in operation for sale of power to MSEDCCL as on 30/06/2009 is to the tune of 87 MW. MERC vide order dt:- 08/08/2005 has approved 2 part tariff i.e. fixed & variable charge for procurement of power from such Biomass based projects. Also, MERC vide order dated 25.03.2009 has determined the interim variable charge component as Rs. 2.58/- per unit on ad-interim basis. Thus, for the biomass power project in the first year of its operation as on 25.03.2009, the total tariff works out to Rs. 4.28/kwh (i.e. variable charge component at Rs. 2.58/kwh and fixed charge component at Rs. 1.70/kwh.)

### **5) RURAL ELECTRIFICATION 2007-2008 :**

#### **i) Village Electrification and Energisation of Agricultural Pumps :**

100% village electrification has been achieved in Maharashtra State as on 31-03-1989. However as per revised definition of village electrification and as per 2001 census out of 41095 nos. of villages and 377 Nos. of towns as per 2001 Census, 36394 nos. of villages and 377 nos. of towns have been electrified as on 31.03.09 as per preliminary survey carried out. The company has energized 116028 agricultural pumpsets during the year 2008-2009. With the implementation of this programme, total pumpsets energized in the State are 30,07,932 which is the highest achievement among all the States in the country.

**ii) ELECTRIFICATION OF DALIT BASTIS :**

As a policy, the M.S.E.D.C.Ltd. invariably covers electrification of attached Dalit Bastis, if any, while sanctioning the estimate for electrification of Gaonthan. All the 33,711 Dalit Bastis, feasible for electrification, have been electrified as on 31-03-1998.

**iii) TRIBAL SUB-PLAN :**

There are 8382 nos. of villages under tribal, as per Census 2001.

The M.S.E.D.C.Ltd. has also energized 3217 agricultural pumpsets in tribal sub-plan area during 2008-2009 bringing the total no. of pumpsets energized in tribal sub-plan area to 1,47,273.

**iv) DOMESTIC CONNECTIONS TO WEAKER SECTIONS :**

Since 1-10-1976, the Board is releasing domestic connections without charging normal service connection charges to Weaker Sections of Society, Viz. (1) Schedules Castes (2) Schedules Tribes (3) Nomadic Tribes (4) Vimukta Jatis and (5) Nav Buddhists. During 2008-2009 a total of 51809 such connections have been released, out of which 29519 pertains to Scheduled Castes and Nav Buddhists under Special Component Plan. So far a total of 16,00,918 connections have been released to these five categories, out of which 918624 pertains to Scheduled Castes and Nav Buddhists.

**v) RAJEEV GANDHI GRAMIN VIDYUTIKARAN YOJANA :**

As per Sections 4&5 of the Electricity Act 2003 the Central Government has notified the Rural Electrification Policy on 23rd August 2006.

The policy is aimed at--

- Provision of access to electricity to all households by year 2009.
- Quality and reliable power supply at reasonable rates.
- Minimum lifeline consumption of 1 Unit per household per day as a merit good by year 2012.
- Electrifying all villages as per census 2001 with new definition.

To provide power supply to 100% BPL (Below Poverty Line) Households. No service connections cost to be recovered from such beneficiaries.

The Central Government will provide a grant to the tune of 90% of the project cost and 10% will be loan from REC which is a Nodal Agency for implementation of RGGVY throughout the country.

The detailed information in respect of the state of Maharashtra is as below:-

- Total Districts : 33
- Total Projects : 34
- Total No. of villages as per Census 2001 : 41095
- Total No. of Electrified villages : 36010
- Total No. of Unelectrified village as per new definition of village electrification : 5085
- Total No. of Villages to be electrified by conventional method : 4709
- Total No. of Villages to be electrified by unconventional method : 376
- Total No. of Households including BPL Households : 11341705
- Total No. of BPL Households : 3111056
- Total No. of Households electrified : 5816346  
(Including BPL Households)
- Total No. of Households Unelectrified : 5525359  
(Including BPL Households)
- Total No. of Unelectrified BPL Households : 1872856
- Total No. of Unelectrified Households excluding BPL Households : 3652503
- Total No. of villages included : 4709
- Total No. of Wadies included : 8430

•	Proposed Basic Infrastructure	:
i)	H. T. Lines	6489 Kms
ii)	L.T. Lines	6860 Kms.
iii)	25 KVA Transformers	9310

Under RGGVY, MSEB had prepared proposals for 34 schemes in 33 Districts of Maharashtra. The Schemes for the districts of Gondia, Nanded, Solapur & Dhule have been sanctioned in 10th Plan by Central Govt.

Rest 30 schemes have been sanctioned in 11th Plan. The total award cost Rs. 825.16 Crs.

Total funds received towards RGGVY Scheme in year 2008-09 is Rs.140.61 Crs.

Total expenditure incurred for RGGVY Scheme in the year 2008-09 is Rs. 113.62 Crs.

Target and Achievement of BPL Connections released in the year 2008-09.

- 1) Target of BPL Connections released in the year 2008-09 is 250000 nos.
- 2) BPL Connections released in the year 2008-09 is 237570 nos.

**STATEMENT SHOWING DETAILS OF POWER T/Fs IN SERVICE AS ON 31.3.2009**

Name of Undertaking :- MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.

Voltage Ratio	Capacity in MVA	AMTZ Nos.	AZ Nos.	LZ Nos.	KLNZ Nos.	KZR Nos.	KOPZ Nos.	NSKZ Nos.	NZ Nos.	BUZ Nos.	PZ Nos.	NUZ Nos.	TOTAL NOS.	TOTAL CAPACITY IN MVA
33/11 kV	10	1	13	4	0	0	36	32	9	13	6	53	167	1670.00
	7.5	0	1	0	0	0	0	0	0	0	0	0	1	7.50
	6	1	0	0	0	0	0	0	0	0	0	0	1	6.00
	5	174	252	322	29	61	386	491	72	4	83	37	1911	9555.00
	3.15	81	55	91	6	18	71	186	18	0	6	13	545	1716.75
	3	32	6	24	2	4	21	31	1	0	2	4	127	381.00
	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	2	1	0	1	0	0	3	1	0	0	2	0	8	16.00
	1.6	0	0	0	0	4	0	0	1	0	0	0	5	8.00
	1.5	0	0	0	0	0	0	1	2	0	0	0	3	4.50
	1	2	2	1	1	2	2	0	4	0	0	0	14	14.00
	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>TOTAL</b>		<b>292</b>	<b>329</b>	<b>443</b>	<b>38</b>	<b>89</b>	<b>519</b>	<b>742</b>	<b>107</b>	<b>17</b>	<b>99</b>	<b>107</b>	<b>2782</b>	<b>13378.75</b>
33/22 kV	12.5	0	0	0	0	0	0	0	0	1	0	1	12.50	
	10	0	0	0	0	0	4	0	0	0	8	0	12	120.00
	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	5	0	0	0	0	0	1	0	0	0	0	0	1	5.00
	4.5	0	0	0	0	0	21	0	0	0	0	0	21	94.50
	3.15	0	0	0	1	0	0	0	0	0	0	0	1	3.15
	3	0	0	0	4	0	0	0	0	0	0	0	4	12.00
	2	0	0	0	2	0	1	0	0	0	0	0	3	6.00
<b>TOTAL</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>43</b>	<b>253.15</b>
22/11 kV	12.5	0	0	0	0	0	0	0	0	2	0	0	2	25.00
	10	0	0	0	0	0	0	1	0	64	59	0	124	1240.00
	5	0	0	0	0	0	0	1	0	9	13	0	23	115.00
	3	0	0	0	0	0	1	0	0	0	1	0	2	6.00
	2.6	1	0	0	0	0	0	0	0	0	0	0	1	2.60
	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0.00
<b>TOTAL</b>		<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>75</b>	<b>75</b>	<b>0</b>	<b>154</b>	<b>1390.60</b>
<b>GRAND TOTAL</b>		<b>293</b>	<b>329</b>	<b>443</b>	<b>45</b>	<b>89</b>	<b>547</b>	<b>744</b>	<b>107</b>	<b>92</b>	<b>183</b>	<b>107</b>	<b>2979</b>	<b>15022.50</b>

**STATEMENT SHOWING DETAILS OF DISTRIBUTION T/Fs IN SERVICE AS ON 31.3.2009**

Name of Undertaking :- MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.

Voltage Ratio	Capacity in KVA	AMTZ Nos.	AZ Nos.	LZ Nos.	KLNZ Nos.	KZR Nos.	KOPZ Nos.	NSKZ Nos.	NZ Nos.	BUZ Nos.	PZ Nos.	NUZ Nos.	TOTAL NOS.	TOTAL CAPACITY IN KVA
11/0.4 kV	12.5	0	0	0	0	0	0	0	0	0	0	0	0	0
	15	24	0	60	0	0	0	0	0	0	0	0	84	1260
	16	38	0	0	1	0	7	41	30	0	0	0	117	1872
	25	2580	224	1290	71	674	1879	2969	2448	0	263	148	12546	313650
	50	1114	260	185	101	273	1228	1042	517	0	221	84	5025	251250
	63	11673	12579	17198	611	3420	16820	27850	6232	0	2611	2811	101805	6413715
	75	0	0	0	0	0	71	18	0	0	0	0	89	6675
	100	9463	9099	12436	792	1678	17273	26192	5190	15	3827	3642	89607	8960700
	125	0	0	0	0	0	0	0	0	0	0	0	0	0
	150	67	8	0	27	17	132	53	15	1	26	24	370	55500
	160	0	0	0	0	0	0	2	0	0	0	0	2	320
	200	1130	1527	1167	320	206	2634	4134	622	40	1448	2102	15330	3066000
	250	0	2	0	17	3	35	10	2	5	41	13	128	32000
	300	109	8	45	9	0	123	98	3	2	95	41	533	159900
	315	9	195	203	158	15	274	616	9	191	1176	563	3409	1073835
	350	0	0	0	0	0	0	0	0	0	0	1	1	350
	400	0	0	0	1	1	1	0	0	0	19	0	1	9200
	500	2	41	19	21	1	58	51	0	192	303	78	766	383000
	600	1	0	0	0	0	0	1	0	0	0	0	2	1200
	630	2	40	16	7	0	27	39	0	1648	913	209	2901	1827630
	750	0	0	0	0	0	22	2	0	98	2	1	125	93750
	800	0	0	0	0	0	0	0	0	0	0	0	0	0
	950	0	0	0	0	0	0	0	0	35	0	0	35	33250
	1000	0	0	0	0	0	1	1	0	144	1	1	148	148000
	1500	0	0	0	0	0	0	0	0	5	0	0	5	7500
	2000	0	0	0	0	0	0	0	0	2	0	0	2	4000
	2500	0	0	0	0	0	0	0	0	2	0	0	2	5000
<b>TOTAL</b>		<b>26212</b>	<b>23983</b>	<b>32619</b>	<b>2136</b>	<b>6288</b>	<b>40585</b>	<b>63119</b>	<b>15068</b>	<b>2399</b>	<b>10927</b>	<b>9719</b>	<b>233055</b>	<b>22849557</b>
11/0.25 single phase	25	4641	5840	11281	0	0	2106	4769	2587	0	3900	2875	37999	949975
	15	1195	3099	11506	0	0	222	1532	1339	0	2664	982	22539	338085
	10	0	0	0	0	0	0	0	0	0	0	68	68	680
<b>TOTAL</b>		<b>5836</b>	<b>8939</b>	<b>22787</b>	<b>0</b>	<b>0</b>	<b>2328</b>	<b>6301</b>	<b>3926</b>	<b>0</b>	<b>6564</b>	<b>3925</b>	<b>60606</b>	<b>1288740</b>

**STATEMENT SHOWING DETAILS OF DISTRIBUTION T/Fs IN SERVICE AS ON 31.3.2009**

Name of Undertaking :- MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.

Voltage Ratio	Capacity in KVA	AMTZ Nos.	AZ Nos.	LZ Nos.	KLNZ Nos.	KZR Nos.	KOPZ Nos.	NSKZ Nos.	NZ Nos.	BUZ Nos.	PZ Nos.	NUZ Nos.	TOTAL NOS.	TOTAL CAPACITY IN KVA
22/0.4 kV	16	0	0	0	2	0	0	0	0	0	0	0	2	32
	25	0	0	0	494	0	310	0	0	0	345	0	1149	28725
	50	0	0	0	466	0	172	1	0	6	193	0	838	41900
	63	0	0	0	2129	0	2106	0	0	79	3428	0	7742	487746
	75	0	0	0	0	0	1	0	0	0	0	0	1	75
	100	0	0	0	2455	0	1956	2	0	603	6282	0	11298	1129800
	150	0	0	0	44	0	0	0	0	12	10	0	66	9900
	160	0	0	0	0	0	0	0	0	122	0	0	122	19520
	200	0	0	0	1442	0	312	0	0	687	1846	0	4287	857400
	230	0	0	0	0	0	0	0	0	10	0	0	10	2300
	250	0	0	0	33	0	3	0	0	62	6	0	104	26000
	300	0	0	0	60	0	3	0	0	21	46	0	130	39000
	315	0	0	0	949	0	57	0	0	1049	1254	0	3309	1042335
	350	0	0	0	0	0	0	0	0	1	0	0	1	350
	400	0	0	0	14	0	0	0	0	7	0	0	21	8400
	450	0	0	0	1	0	0	0	0	0	0	0	1	450
	500	0	0	0	758	0	17	0	0	891	318	0	1984	992000
	600	0	0	0	0	0	0	0	0	0	0	0	0	0
	630	0	0	0	870	0	6	0	0	592	802	0	2270	1430100
	730	0	0	0	0	0	0	0	0	0	0	0	0	0
	750	0	0	0	1	0	0	0	0	242	0	0	243	182250
	830	0	0	0	0	0	0	0	0	4	0	0	4	3320
	950	0	0	0	0	0	0	0	0	25	0	0	25	23750
	1000	0	0	0	5	0	0	0	0	14	2	0	21	21000
	1250	0	0	0	0	0	0	0	0	2	0	0	2	2500
	1500	0	0	0	0	0	0	0	0	4	0	0	4	6000
<b>TOTAL</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>9723</b>	<b>0</b>	<b>4943</b>	<b>3</b>	<b>0</b>	<b>4433</b>	<b>14532</b>	<b>0</b>	<b>33634</b>	<b>6354853</b>
33/0.4 kV	50	5	0	0	7	0	0	0	0	0	0	0	12	600
	100	4	0	0	1	0	0	0	0	0	0	0	5	500
	200	0	0	0	0	0	0	0	0	2	0	0	2	400
	500	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>		<b>9</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>19</b>	<b>1500</b>
<b>GRAND TOTAL</b>		<b>32057</b>	<b>32922</b>	<b>55406</b>	<b>11867</b>	<b>6288</b>	<b>47856</b>	<b>69423</b>	<b>18994</b>	<b>6834</b>	<b>32023</b>	<b>13644</b>	<b>327314</b>	<b>30494650</b>

**ANNEXURE-3**

**33kV & 22kV Sub-Transmission Lines energised during 2008-2009**

Sr. No.	Name of Line	District	Length in CKT-KMS	Date of Energisation
	<b><u>MARATHWADA REGION:</u></b>			
	<b><u>AURANGABAD ZONE</u></b>			
1	33 kV s/c line from 33/11 kV Mhada s/s to 33/11 kV Airport s/s	Aurangabad	0.42	30.09.2008
2	33 kV s/c line from 132/33 kV Waluj s/s to 33/11 kV Waluj D Sector s/s	Aurangabad	2.30	30.11.2008
3	33 kV U/G Cable from 132/33 kV Waluj s/s to 33/11 kV Waluj D Sector s/s	Aurangabad	1.45	30.11.2008
4	33 kV s/c line from 33/11 kV Siemens s/s to 33/11 kV Waluj E Sector s/s	Aurangabad	0.82	30.07.2008
5	33 kV s/c line from 132/33 kV Deolai s/s to 33/11 kV Satara s/s	Aurangabad	3.50	30.11.2008
6	33 kV U/G Cable from 132/33 kV Deolai s/s to 33/11 kV Satara s/s	Aurangabad	0.26	30.11.2008
7	33 kV s/c line from 132/33 kV Harsool s/s to 33/11 kV Himayatbagh s/s	Aurangabad	11.00	28.02.2009
8	33 kV U/G Cable from 132/33 kV Harsool s/s to 33/11 kV Himayatbagh s/s	Aurangabad	4.40	28.02.2009
9	33 kV s/c line from 132/33 kV Harsool s/s to 33/11 kV Jadhavwadi s/s	Aurangabad	2.91	28.02.2009
10	33 kV U/G Cable from 132/33 kV Harsool s/s to 33/11 kV Jadhavwadi s/s	Aurangabad	0.60	28.02.2009
11	33 kV s/c line from 33/11 kV Deogaon s/s to 33/11 kV Garaj s/s	Aurangabad	9.00	30.09.2008
12	33 kV s/c line from 33/11 kV Warkhed Phata s/s to 33/11 kV Warkhed s/s	Aurangabad	1.50	30.10.2008
13	33 kV s/c line from 220/33 kV Jalna s/s to M/s Om Sai Ram	Jalna	2.50	08.09.2008
14	33 kV s/c line from 220/33 kV Jalna s/s to M/s Kalika Steel	Jalna	0.20	18.12.2008
15	33 kV s/c line from 132/33 kV MIDC s/s to M/s Siddhivinayak	Jalna	0.25	04.10.2008
16	33 kV s/c line from 33/11 kV MIDC s/s to 33/11 kV Rahati s/s	Parbhani	1.00	31.03.2009
17	33 kV s/c line from 33/11 kV Sailu s/s to 33/11 kV Gugali Dhamangaon s/s	Parbhani	3.00	31.03.2009
18	33 kV s/c line from 33/11 kV Mategaon s/s to 33/11 kV Katneshwar s/s	Parbhani	0.50	31.03.2009
19	33 kV s/c line from 33/11 kV Charthana s/s to 33/11 kV Nandgaon s/s	Parbhani	0.70	31.03.2009
		<b>Total</b>	<b>46.31</b>	<b>CKT-KMS</b>
	<b><u>LATUR ZONE</u></b>			
1	33 kV tap on Shirasdevi feeder for 33/11 kV Padalsingi s/s	Beed	0.30	31.05.2008
2	33 kV s/c line from 33/11 kV Shirasala s/s to 33/11 kV Moha s/s	Beed	14.00	28.02.2009
3	33 kV s/c line from 132/33 kV Mukhed s/s to 33/11 kV Betmogra s/s	Nanded	3.40	31.05.2008
4	33 kV s/c line from 132/33 kV Umri s/s to 33/11 kV Niwagha s/s	Nanded	5.50	30.06.2008
5	33 kV s/c line from 132/33 kV Umri s/s to 33/11 kV Sindhi s/s	Nanded	0.01	30.06.2008
6	33 kV s/c line from 132/33 kV Jagamwadi s/s to 33/11 kV Nila s/s	Nanded	3.00	30.10.2008
7	33 kV s/c line from 132/33 kV Umri s/s to 33/11 kV Matasab s/s	Nanded	4.00	30.10.2008
8	33 kV s/c line from 132/33 kV Umri s/s to 33/11 kV Moghalee s/s	Nanded	13.29	30.10.2008
9	33 kV U/G Cable from 132/33 kV Jangamwadi s/s to 33/11 kV Sangavi s/s	Nanded	2.50	31.03.2009
10	33 kV U/G Cable from 132/33 kV Jangamwadi s/s to Industrial Area	Nanded	3.00	31.03.2009
11	33 kV U/G Cable from 132/33 kV Jangamwadi s/s to 33/11 kV CRC s/s	Nanded	3.25	31.03.2009
12	33 kV U/G Cable from 33/11 kV CRC s/s to Gurudwara	Nanded	0.75	30.10.2008
		<b>Total</b>	<b>53.00</b>	<b>CKT-KMS</b>
	<b><u>SUB TOTAL FOR MARATHWADA REGION</u></b>		<b>99.31</b>	<b>CKT-KMS</b>

WESTERN MAHARASHTRA REGION:-				
Sr. No.	Name of Line	District	Length in CKT-KMS	Date of Energisation
<b>BHANDUP URBAN ZONE</b>	1 33 kV U/G cable from Sect-6, CBD s/s SBVI Sect-11, CBD s/s	Thane	4.20	30.06.2008
	2 33 kV U/G cable from MSEB Tower to Sect-6, CBD s/s	Thane	1.55	30.06.2008
	3 22 kV S/C line	Thane	47.32	During year 2008-09
	4 22 kV S/C line	Raigad	21.47	During year 2008-09
	5 22 kV D/C line	Thane	0.007	During year 2008-09
	6 22 kV U/G cable	Thane	30.911	During year 2008-09
		Total	105.455	<b>CKT-KMS</b>
	<b>PUNE ZONE</b>			
	1 33 kV s/c line from 220/33 kV Baramati s/s to 33/11 kV Malegaon s/s	Pune	4.86	23.02.2009
<b>KOLHAPUR ZONE</b>	2 33 kV s/c line from 33/11 kV Kathapur s/s to 33/11 kV Pabal s/s	Pune	19.60	14.11.2008
	3 33 kV U/G cable in 132/33 kV Kurali s/s (33 kV Mandangaon feeder bay to take off structure)	Pune	0.0875	19.04.2008
	4 33 kV U/G cable in 132/33 kV Kurali s/s (33 kV Nhavara feeder bay to take off structure)	Pune	0.0875	16.04.2008
	5 22 kV S/C line	Pune	373.820	During year 2008-09
	6 22 kV U/G cable	Pune	56.98	During year 2008-09
		Total	455.435	<b>CKT-KMS</b>
	1 33 kV s/c line from 220 kV Tilawani s/s- Abhinandan feeder to M/s Msongs Foundary Ltd.	Kolhapur	1.00	12.04.2008
	2 33 kV s/c line from 220 kV Five Star MIDC s/s- Metro feeder to M/s Msongs Foundary Ltd.	Kolhapur	2.50	15.04.2008
	3 33 kV U/G Cable from 110 kV Jaysingpur s/s- Industrial feeder to M/s Star Mgaspergiya Industries	Kolhapur	0.15	07.05.2008
<b>KOLHAPUR ZONE</b>	4 33 kV U/G Cable from 33/11 kV Shahapur s/s- Jaygangatara feeder to M/s Bombay Reyon	Kolhapur	0.15	12.05.2008
	5 33 kV U/G Cable from 220 kV Tilawani s/s- Arvind feeder to M/s Technovision Component	Kolhapur	0.24	08.09.2008
	6 33 kV U/G cable from 220 kV Tilawani s/s- Arvind feeder to M/s Bombay Reyon	Kolhapur	0.02	22.09.2008
	7 33 kV tap on 33 kV Shinoli feeder emanating from 220/33 kV Halkarni s/s to HT Consumer M/s Chemplast	Kolhapur	13.50	08.10.2008
	8 33 kV s/c line from 33/11 kV Shapur s/s- Jaygangatara feeder to M/s Jayganga Tara B.C.L.	Kolhapur	0.13	17.11.2008
	9 33 kV s/c line from 220 kV Five Star MIDC s/s- Metro feeder to M/s Soktas India Pvt. Ltd.	Kolhapur	3.527	17.11.2008
	10 33 kV link line from 220 kV Tilawani s/s - Abhinandan feeder to bifurcation of 33/11 kV Chandur & Mangaon s/s	Kolhapur	2.39	18.02.2009
	11 33 kV s/c line from 220 kV Five Star MIDC s/s- Kirloskar feeder to M/s Nilanjan Iron Pvt. Ltd.	Kolhapur	5.555	13.02.2009
	12 33 kV s/c line from 33/11 kV Shahapur s/s to 33 kV Jay Gangatara feeder	Kolhapur	0.15	16.03.2009
	13 33 kV s/c line from 220 kV Tilawani s/s- Pride India Textile feeder to M/s Pride India Textile	Kolhapur	9.10	21.03.2009
	14 33 kV tap on 33 kV Malinagar feeder emanating from 220/33 kV Malinagar s/s to 33/11 kV Kachrewadi s/s	Solapur	4.80	14.01.2009
	15 33 kV tap on 33 kV Lawang feeder emanating from 220/33 kV Malinagar s/s for 33/11 kV Alegaon s/s	Solapur	12.08	19.02.2009
	16 33 kV tap on 33 kV Solapur-II feeder emanating from 220/33 kV Bale s/s for 33/11 kV Rajendra Chowkh s/s	Solapur	1.00	23.03.2009
	17 33 kV U/G cable from 33/11 kV Hutagi s/s to M/s Shivshai Works	Solapur	0.65	20.01.2009
	18 33 kV s/c line from 33/11 kV Kumthe s/s for 33/11 kV Soni s/s	Sangli	4.40	30.04.2008
	19 33 kV s/c line from 33/11 kV Kadegaon s/s for 33/11 kV Belwade s/s	Sangli	9.00	20.01.2009
	20 33 kV s/c line from 110/33 kV Vishrambag s/s for 33/11 kV Sangli s/s	Sangli	2.80	30.09.2008
	21 33 kV s/c line from 33/11 kV Sangli City s/s for 33/11 kV Risala s/s	Sangli	3.50	31.03.2009
	22 33 kV line for M/s Siddharaj LIS, Kavate Ekand	Sangli	2.40	20.03.2009
	23 33 kV line for M/s Bhavani Mauli Sheti Pani Puravatha Sanstha, Savarde, Tal:- Tasgaon	Sangli	2.00	25.03.2009
	24 33kV tap from 132/33/22 kV New Shirwal s/s - Capsule feeder for HT Consumer Associated Capsule	Satara	0.50	10.05.2008
	25 33kV tap from 33/22 kV Tasawade s/s - Hindustan feeder for HT Consumer Presmatic Electro Stampings Tasawade Karad	Satara	0.70	27.12.2008
	26 22 kV s/c line	Satara	169.990	During year 2008-09
	27 22 kV U/G cable	Satara	0.735	During year 2008-09
		Total	252.967	<b>CKT-KMS</b>

Sr. No.	Name of Line	District	Length in CKT-KMS	Date of Energisation
Sr. No.	Name of Line	Total	NIL	CKT-KMS
	<b>KONKAN ZONE</b>			
1	33 kV s/c line from 33/11 kV Dapchari s/s for M/s Acchad Ras Vasco Transmission & Packaging	Thane	0.50	30.11.2008
2	33 kV s/c line from 132/33/11 kV MIDC s/s, feeder no. 5 for M/s Sarex Overseas MIDC, Boisar	Thane	0.50	31.01.2009
3	33 kV s/c line from 132/33/11 kV MIDC s/s, feeder no. 3 for M/s D.C. Tech Decor, MIDC, Boisar	Thane	0.35	31.01.2009
4	33 kV U/G Cable from 132/33/11 kV MIDC s/s, feeder no. 3 for M/s D.C. Tech Decor, MIDC, Boisar	Thane	0.70	31.01.2009
5	33 kV U/G Cable from 132/33/11 kV MIDC s/s, feeder no. 5 for M/s Sarex Overseas MIDC, Boisar	Thane	0.10	31.01.2009
6	33 kV U/G Cable from 220/132/33 kV Khairpada s/s, feeder no. 4 for M/s Tulsi Synthetics, MIDC, Boisar	Thane	0.40	31.01.2009
7	33 kV U/G Cable from 220/132/33 kV Khairpada s/s, feeder no. 4 for M/s Semester Silk Mills, MIDC, Boisar	Thane	0.50	31.03.2009
8	33 kV U/G Cable from 132/33/11 kV MIDC s/s, feeder no. 1 for M/s Dhanasingh, MIDC, Boisar	Thane	1.00	31.03.2009
9	22 kV S/C line	Thane	10.00	During year 2008-09
10	22 kV D/C line	Thane	17.15	During year 2008-09
11	22 kV S/C line	Thane (Kalyan - I)	7.16	During year 2008-09
12	22 kV U/G cable	Thane (Kalyan - I)	25.91	During year 2008-09
13	22 kV S/C line	Raigad	29.21	During year 2008-09
14	22 kV U/G cable	Raigad	3.97	During year 2008-09
15	22 kV S/C line	Thane (Kalyan - II)	54.15	During year 2008-09
16	22 kV U/G cable	Thane (Kalyan - II)	0.87	During year 2008-09
		Total	<b>152.470</b>	<b>CKT-KMS</b>
	<b>NASHIK ZONE</b>			
1	33 kV d/c line from 132/33 kV MIDC, Satpur s/s for Atlas Capco Company	Nashik	0.50	13.09.2008
2	33 kV link line from 132/33 kV Satana s/s for 33/11 kV Askheda s/s	Nashik	8.00	31.03.2009
3	33 kV link line from 132/33 kV Nampur s/s for 33/11 kV Ajmersaundana s/s	Nashik	9.00	31.03.2009
4	33 kV link line from 132/33 kV Jaidar s/s for 33/11 kV Jaidar s/s	Nashik	17.00	31.03.2009
5	33 kV link line from 33/11 kV Andersul s/s for 33/11 kV Yeola s/s	Nashik	1.50	15.03.2009
6	33 kV s/c line from 132/33 kV Chopda s/s for 33/11 kV Kurwel s/s	Jalgaon	10.00	29.01.2009
7	33 kV link line from 33/11 kV Morgaon s/s for 33/11 kV Khanapur s/s	Jalgaon	9.00	26.02.2009
8	33 kV link line from 132/33 kV Supa s/s for 33/11 kV Ralegaon Therpal s/s	Ahmednagar	27.15	17.06.2008
9	33 kV tap from 132/33 kV Newasa s/s for 33/11 kV Bhanas Hivre s/s	Ahmednagar	0.98	27.06.2008
10	33 kV tap on BBLR-Rahata for 33/11 kV Astgaon s/s	Ahmednagar	1.05	26.08.2008
11	33 kV tap on Mula Dam feeder for HT Consumer of Water Works	Ahmednagar	0.05	01.09.2008
12	33 kV tap on Kopergaon - Kolpewadi line for 33/11 kV Hingani s/s	Ahmednagar	0.15	26.02.2009
13	33 kV s/c tap on 220/33 kV Saundala for 33/11 kV Dahigaon Ne s/s	Ahmednagar	20.00	31.03.2009
14	33 kV s/c tap on Deulgaon feeder for 33/11 kV Anghar s/s	Ahmednagar	2.00	08.02.2009
15	33 kV s/c tap on 220/33 kV Dhule s/s for Jawahar Mahila Sutgirani	Dhule	13.00	23.01.2009
16	33 kV s/c line from 2220 kV Walve Wind mill s/s for Jamde Village Wind Mill	Dhule	3.95	17.08.2008
17	33 kV tap from 33/11 kV Sukwad s/s for Tel Wani Shikshan Mandal (HT Consumer)	Dhule	0.05	21.08.2008
	<b>TOTAL FOR WESTERN MAHARASHTRA REGION</b>	Total	<b>123.38</b>	<b>CKT-KMS</b>
			<b>1089.707</b>	<b>CKT-KMS</b>

VIDARBH REGION:-				
Sr. No.	Name of Line	District	Length in CKT-KMS	Date of Energisation
	<b>NAGPUR ZONE</b>			
1	33 kV s/c line from 220 kV Kawalewada s/s for 33 kV Sondaya total lift Irrigation	Bhandara	21.00	30.06.2008
2	33kV s/c line from 132 kV Karrdha s/s to M/s. Varam Bio-mass Energy Pvt. Ltd.	Bhandara	2.50	31.01.2009
3	33kV s/c line from 132 kV Karrdha s/s to Karachkheda lift Irrigation	Bhandara	4.40	31.08.2008
4	33 kV U/G Cable from Village Dharangaon to Gadegaon NH-06	Bhandara	1.00	31.12.2008
5	33 kV s/c line from 66/33kV Shastri Nagar s/s for 33/11kV Shastri Nagar s/s	Chandrapur	0.12	31.03.2009
6	33 kV U/G Cable from 66/33 kV Shastri Nagar s/s to 33/11 kV Shastri Nagar s/s	Chandrapur	0.17	31.03.2009
7	33 kV s/c line from 220 kV Kawlewada s/s for MIDC Tiroda APML Site	Gondia	12.00	27.01.2009
8	33kV U/G Cable from 220/33 kV Kewlewada s/s for MIDC Tiroda APML Site	Gondia	0.59	27.01.2009
		<b>Total</b>	<b>41.78</b>	<b>CKT-KMS</b>
	<b>NAGPUR URBAN ZONE</b>			
1	33 kV U/G Cable from 33/11 kV Jattarodi s/s for 33/11 kV Medical s/s	Nagpur	6.00	15.05.2008
2	33 kV U/G Cable 132/33 kV Hingana-I s/s for 132/33 kV Ambazari s/s	Nagpur	0.516	18.09.2008
3	33 kV U/G Cable from 33/11 kV Mahadulla s/s for 33/11 kV Rohana s/s	Nagpur	2.65	31.01.2009
4	33 kV s/c line from 33/11 kV Shirpur s/s for 33/11 kV Shirpur s/s	Nagpur	0.90	31.05.2008
5	33 kV s/c line from 132/33 kV Bhagimari s/s for 66/33 kV Saoner s/s	Nagpur	7.50	30.09.2008
6	33 kV d/c line from 33/11 kV Rohana s/s for 33/11 kV Mahadulla s/s	Nagpur	23.40	31.01.2009
7	33 kV s/c line from 33/11 kV Wanadongri s/s for 33/11 kV Khairy s/s	Nagpur	10.00	31.03.2009
8	33 kV s/c line from 33/11 kV Gondegaon for 33/11 kV KTPS s/s	Nagpur	8.00	31.03.2009
		<b>Total</b>	<b>58.966</b>	<b>CKT-KMS</b>
	<b>AMRAVATI ZONE</b>			
1	33 kV s/c line from 132/33 kV Patur s/s for 33/11 kV Patur s/s	Akola	1.00	30.06.2008
2	33 kV s/c line from 220/33/11 kV Kondeshwar s/s for M/s. DG Cotsuyn Ind.	Amravati	5.64	09.02.2009
3	33 kV s/c line from 33/11 kV Dasarkhed MIDC s/s for M/s Kartik Paper Products	Buldhana	0.90	31.03.2009
4	33 kV s/c line from 33/11 kV Wani s/s for 33/11 kV Kumbharkhani s/s	Yavatmal	21.00	13.06.2008
		<b>Total</b>	<b>28.54</b>	<b>CKT-KMS</b>
	<b>SUB TOTAL FOR VIDARBH REGION</b>		<b>129.29</b>	<b>CKT-KMS</b>
	<b>TOTAL FOR THE STATE</b>		<b>1318.30</b>	<b>CKT-KMS</b>

**ANNEXURE-4**

**New 33/11 kV, 22/11 kV Sub-Stations & 22kV Switching Stations Commissioned during year 2008-2009**

Sr. No.	Name of Sub-Station	District	Transformer Capacity in MVA	Date of Commissioning
	<b><u>MARATHWADA REGION:-</u></b>			
	<b><u>AURANGABAD ZONE</u></b>			
1	33/11 KV Garaj S/s (P:SI)	Aurangabad	5.00	30.09.2008
2	33/11 KV Warkhed S/s (P:SI)	Aurangabad	5.00	30.10.2008
3	33/11 KV Waluj E sector S/s (DRUM)	Aurangabad	10.00	16.07.2008
4	33/11 KV Waluj D sector S/s (DRUM)	Aurangabad	10.00	29.11.2008
5	33/11 KV Himayat Bag S/s (DRUM)	Aurangabad	10.00	11.02.2009
6	33/11 KV Satara S/s (DRUM)	Aurangabad	10.00	20.11.2008
7	33/11 KV Jadhavwadi S/s (DRUM)	Aurangabad	10.00	12.03.2009
8	33/11 KV Rahati S/s (Backlog)	Parbhani	5.00	02.05.2008
9	33/11 KV Gugalidhamangaon S/s (Backlog)	Parbhani	5.00	29.03.2009
10	33/11 KV Katneshwar S/s (Backlog)	Parbhani	5.00	28.02.2009
11	33/11 KV Nandgaon S/s (Backlog)	Parbhani	5.00	29.12.2008
		<b>Total</b>	<b>80.00</b>	<b>MVA</b>
	<b><u>LATUR ZONE</u></b>			
1	33/11 KV Padalsingi S/s (P:SI)	Beed	5.00	30.05.2008
2	33/11 KV Moha S/s (P:SI)	Beed	5.00	28.02.2009
3	33/11 KV Betmogra S/s (P:SI)	Nanded	5.00	30.05.2008
4	33/11 KV Niwagha S/s (Infra)	Nanded	5.00	30.06.2008
5	33/11 KV Sindhi S/s (Infra)	Nanded	5.00	30.06.2008
6	33/11 KV Nila S/s (Guru-Ta-Gaddi)	Nanded	5.00	30.10.2008
7	33/11 KV Matasab S/s (Guru-Ta-Gaddi)	Nanded	5.00	30.10.2008
8	33/11 KV Moghali S/s (Infra)	Nanded	5.00	10.10.2008
		<b>Total</b>	<b>40.00</b>	<b>MVA</b>
	<b><u>SUB TOTAL FOR MARATHWADA REGION</u></b>		<b>120.00</b>	<b>MVA</b>

	<b><u>WESTERN MAHARASHTRA REGION:-</u></b>			
Sr. No.	Name of Sub-Station	District	Transformer Capacity in MVA	Date of Commissioning
	<b><u>BHANDUP ZONE</u></b>			
1	22/22 kV Mahape switching station (PFC)	Thane	0.00	15.08.2008
2	22/11 kV Hariyali village S/s (DDF)	Mumbai	10.00	31.10.2008
3	22/11 kV Dreams S/s (DDF)	Mumbai	20.00	30.09.2008
		<b>Total</b>	<b>30.00</b>	<b>MVA</b>
	<b><u>PUNE ZONE</u></b>			
1	33/11 KV Malegaon S/s (JBIC)	Pune	5.00	05.02.2009
2	33/11 KV Gholapwadi S/s (JBIC)	Pune	5.00	17.10.2008
3	33/11 KV Pahunewadi S/s (JBIC)	Pune	5.00	21.10.2008
4	33/11 KV MIDC S/s (JBIC)	Pune	5.00	17.03.2009
5	33/11 KV Parawadi S/s (JBIC)	Pune	5.00	23.02.2009
6	33/11 KV Pisarwe S/s (JBIC)	Pune	5.00	01.11.2008
7	33/11 KV Pabal S/s (JBIC)	Pune	10.00	14.11.2008
8	33/11 KVJunnar S/s (JBIC)	Pune	5.00	13.11.2008
9	22/11 KV Tukainagar S/s (ORC)	Pune	5.00	23.05.2008
10	22/11 KV Balewadi Stadium, Mhalunge S/s (DDF)	Pune	10.00	29.09.2008
11	22/22 KV Empire Switching station (ORC)	Pune	0.00	22.01.2009
12	22/22 KV RMZ Switching station (ORC)	Pune	0.00	14.02.2009
13	22/22 KV Lake town Switching Station (ORC)	Pune	0.00	17.11.2008
14	22/22 KV K. Raheja Switching Station (ORC)	Pune	0.00	14.11.2008
		<b>Total</b>	<b>60.00</b>	<b>MVA</b>
	<b><u>KALYAN ZONE</u></b>		<b>NIL</b>	
	<b><u>KOLHAPUR ZONE</u></b>			
1	33/11 kV Belwade (Yede) S/s (JBIC)	Sangli	5.00	20.01.2009
2	33/11 kV Risala Rd. S/s (JBIC)	Sangli	10.00	27.03.2009
3	33/11 kV Kachrewadi S/s (P:SI)	Solapur	5.00	14.01.2009
4	33/11 kV Alegaon S/s (USM)	Solapur	5.00	19.02.2009
5	33/11 kV Rajendra Chowkh S/s (USM)	Solapur	5.00	23.03.2009
		<b>Total</b>	<b>30.00</b>	<b>MVA</b>

Sr. No.	Name of Sub-Station	District	Transformer Capacity in MVA	Date of Commissioning
	<b>KONKAN ZONE</b>			
	<b>NASHIK ZONE</b>		<b>NIL</b>	
1	33/11kV Jaider S/s (JBIC)	Nashik	5.00	31.03.2009
2	33/11kV Askheda S/s (JBIC)	Nashik	5.00	31.03.2009
3	33/11 kV Ajmersaundana S/s (JBIC)	Nashik	5.00	31.03.2009
4	33/11 kV Karanjkhed S/s (TSP)	Nashik	1.50	31.03.2009
5	33/11 kV Ring Road S/s (APDRP)	Jalgaon	5.00	03.09.2008
6	33/11 kV Khanapur S/s (JBIC)	Jalgaon	5.00	26.02.2009
7	33/11 kV Ralegaon Therpal S/s (JBIC)	Ahmednagar	5.00	17.06.2008
8	33/11 kV Bhanas Hivre S/s (JBIC)	Ahmednagar	5.00	27.06.2008
9	33/11 kV Padmanagar, Sangamner S/s (Infra)	Ahmednagar	5.00	12.07.2008
10	33/11 kV Astgaon S/s (JBIC)	Ahmednagar	5.00	26.08.2008
11	33/11 kV Kumbhari (Hingani) S/s (JBIC)	Ahmednagar	5.00	26.02.2009
12	33/11 kV Anghar S/s (Infra)	Ahmednagar	5.00	08.02.2009
		<b>Total</b>	<b>56.50</b>	<b>MVA</b>
	<b>SUB TOTAL FOR WESTERN MAHARASHTRA REGION</b>		<b>176.50</b>	<b>MVA</b>

	<b><u>VIDARBH REGION:-</u></b>			
Sr. No.	Name of Sub-Station	District	Transformer Capacity in MVA	Date of Commissioning
	<b><u>NAGPUR ZONE</u></b>			
1	33/11kV Pahela S/s (Backlog)	Bhandara	5.00	31.03.2009
2	33/11kV Shastri Nagar S/s (Backlog)	Chandrapur	5.00	23.03.2009
		<b>Total</b>	<b>10.00</b>	<b>MVA</b>
	<b><u>NAGPUR URBAN ZONE</u></b>			
1	33/11 kV Rohana S/s (TPS)	Nagpur	20.00	16.06.2008
2	33/11 kV Khaparkheda TPS S/s (TPS)	Nagpur	10.00	07.03.2009
3	11/11 kV Subhan Nagar Swt. Stn. (APDRP)	Nagpur	0.00	01.05.2008
		<b>Total</b>	<b>30.00</b>	<b>MVA</b>
	<b><u>AMRAVATI ZONE</u></b>			
	<b><u>SUB TOTAL FOR VIDARBH REGION</u></b>		<b>40.00</b>	<b>MVA</b>
	<b><u>TOTAL FOR THE STATE</u></b>		<b>336.50</b>	<b>MVA</b>

**ANNEXURE-4(a)**

**Augmentation of Transformer Capacity at 33/11kV & 22/11 kV Sub-Stations during 2008-2009**

Sr. No.	Name of Sub-Station	District	Transformer Capacity added in MVA	Date of Commissioning	Remark
	<b><u>MARATHWADA REGION:-</u></b>				
	<b><u>AURANGABAD ZONE</u></b>				
1	33/11 KV Ganeshwadi S/s (P:SI)	Aurangabad	1.85	31.12.2008	1 X 3.15 MVA to 1 X 5 MVA
2	33/11 KV Sunderwadi S/s (P:SI)	Aurangabad	1.85	31.12.2008	1 X 3.15 MVA to 1 X 5 MVA
3	33/11 KV Chikalthan S/s (P:SI)	Aurangabad	1.85	31.03.2009	1 X 3.15 MVA to 1 X 5 MVA
4	33/11 KV Shivoor S/s (P:SI)	Aurangabad	1.85	31.03.2009	1 X 3.15 MVA to 1 X 5 MVA
5	33/11 KV Loni S/s (P:SI)	Aurangabad	5.00	31.03.2009	Additional 1 X 5 MVA
6	33/11 KV Dhondalgaon S/s (P:SI)	Aurangabad	5.00	31.03.2009	Additional 1 X 5 MVA
7	33/11 KV Fardapur S/s (P:SI)	Aurangabad	5.00	31.03.2009	Additional 1 X 5 MVA
8	33/11 KV Kodri S/s (Backlog)	Parbhani	2.00	18.11.2008	1 X 3 MVA to 1 X 5 MVA
9	33/11 KV Mategaon S/s (Backlog)	Parbhani	2.00	23.08.2008	1 X 3 MVA to 1 X 5 MVA
10	33/11 KV Waloor S/s (Backlog)	Parbhani	2.00	09.08.2008	1 X 3 MVA to 1 X 5 MVA
11	33/11 KV Khatkali S/s (P:SI)	Hingoli	3.15	31.01.2009	Additional 1 X 3.15 MVA
		<b>Total</b>	<b>31.55</b>	<b>MVA</b>	
	<b><u>LATUR ZONE</u></b>				
1	33/11 KV Washi S/s (USM)	Osmanabad	1.85	10.04.2009	1 X 3.15 MVA to 1 X 5 MVA
2	33/11 KV Murum S/s (R & M)	Osmanabad	3.15	31.05.2008	Additional 1 X 3.15 MVA
3	33/11 KV Naragwadi S/s (R & M)	Osmanabad	3.15	31.12.2008	Additional 1 X 3.15 MVA
4	33/11 KV Kolpa S/s (USM)	Latur	1.85	03.01.2009	1 X 3.15 MVA to 1 X 5 MVA
5	33/11 KV Pangaon S/s (DPR)	Latur	5.00	17.01.2009	Additional 1 X 5 MVA
6	33/11 KV Chakur S/s (APDRP)	Latur	2.00	30.04.2008	1 X 3 MVA to 1 X 5 MVA
7	33/11 KV Nalgir S/s (APDRP)	Latur	1.85	31.05.2008	1 X 3.15 MVA to 1 X 5 MVA
8	33/11 KV Hadolti S/s (APDRP)	Latur	1.85	31.05.2008	1 X 3.15 MVA to 1 X 5 MVA
9	33/11 KV Gurudwara S/s (GURU-TA-GADDI)	Nanded	1.85	31.05.2008	1 X 3.15 MVA to 1 X 5 MVA
10	33/11 KV Sangvi S/s (GURU-TA-GADDI)	Nanded	1.85	31.05.2008	1 X 3.15 MVA to 1 X 5 MVA
11	33/11 KV Vishnupuri S/s (GURU-TA-GADDI)	Nanded	1.85	30.06.2008	1 X 3.15 MVA to 1 X 5 MVA
12	33/11 KV Chouphala S/s (GURU-TA-GADDI)	Nanded	1.85	31.07.2008	1 X 3.15 MVA to 1 X 5 MVA
		<b>Total</b>	<b>28.10</b>	<b>MVA</b>	
	<b><u>SUB TOTAL OF MARATHWADA REGION</u></b>		<b>59.65</b>	<b>MVA</b>	

	<u>WESTERN MAHARASHTRA REGION:-</u>				
Sr. No.	Name of Sub-Station	District	Transformer Capacity added in MVA	Date of Commissioning	Remark
<b>BHANDUP ZONE</b>	1 33/11 KV Sector 11, Belapur S/s (APDRP)	Thane	5.00	19.05.2008 29.08.2008 13.06.2008 30.11.2008 31.03.2009 30.04.2008	1 X 5 MVA to 1 X 10 MVA Additional 1 X 10 MVA Additional 1 X 5 MVA 1 X 5 MVA to 1 X 10 MVA 1 X 5 MVA to 1 X 10 MVA 1 X 5 MVA to 1 X 10 MVA
	2 33/11 KV NRI Sector 50 S/s (DDF)		10.00		
	3 33/11 KV Sector 6, CBD S/s (DDF)		5.00		
	4 22/11 KV Godrej Habitat S/s (APDRP)		5.00		
	5 22/11 KV Godrej Habitat S/s (APDRP)		5.00		
	6 22/11 KV Vasant Vihar S/s (APDRP)		5.00		
			<b>Total</b>	<b>35.00</b>	
				<b>MVA</b>	
<b>PUNE ZONE</b>	1 33/11 kV Kathapur S/s (JBIC)	Pune	1.85	20.03.2009	1 X 3.15 MVA to 1 X 5 MVA
			<b>Total</b>	<b>1.85</b>	
				<b>MVA</b>	
<b>KALYAN ZONE</b>	1 33/11 kV Saphala S/s (Backlog)	Thane	1.85	28.02.2009 28.02.2009 31.01.2009	1 X 3.15 MVA to 1 X 5 MVA 1 X 3.15 MVA to 1 X 5 MVA 1 X 3 MVA to 1 X 5 MVA
	2 33/11 kV Dedale S/s (Backlog)		1.85		
	3 33/11 kV Acchad S/s (Backlog)		2.00		
			<b>Total</b>	<b>5.70</b>	
				<b>MVA</b>	
<b>KOLHAPUR ZONE</b>	1 33/11 KV Kharasundi S/s (INFRA)	Sangli	1.85	11.07.2008 31.05.2008 01.01.2009 21.10.2008 22.10.2008 24.10.2008 18.12.2008 17.03.2009 22.09.2008 24.12.2008 13.01.2009 11.12.2008 06.01.2009 10.04.2008 09.02.2009 14.11.2008 15.03.2009 05.02.2009 02.05.2008 05.05.2008 30.03.2009	1 X 3.15 MVA to 1 X 5 MVA 1 X 3.15 MVA to 1 X 5 MVA Additional 1 X 3.15 MVA Additional 1 X 5 MVA Additional 1 X 5 MVA 1 X 3.15 MVA to 1X5 MVA 1 X 3.15 MVA to 1X5 MVA Additional 1X 5 MVA 1 X 3 MVA to 1 X 5 MVA 1 X 3.15 MVA to 1X5 MVA Additional 1X 5 MVA Additional 1X 5 MVA Additional 1X 5 MVA
	2 33/11 KV Panumbre S/s (JBIC)		1.85		
	3 33/11 KV SIE S/s (P:SI)		3.15		
	4 33/11 KV Akolekati S/s (JBIC)		5.00		
	5 33/11 KV Bhandarkawthe S/s (JBIC)		5.00		
	6 33/11 KV Salmukh S/s (JBIC)		1.85		
	7 33/11 KV Sonke S/s (JBIC)		1.85		
	8 33/11 KV Bembale S/s (JBIC)		5.00		
	9 33/11 kV Hupari S/s (USM)		2.00		
	10 33/11 KV Songe S/s (USM)		1.85		
	11 33/11 KV Shinoli S/s (USM)		1.85		
	12 33/11 KV Halkarni (G) S/s (USM)		1.85		
	13 33/11 KV Kanchanwadi S/s (USM)		1.85		
	14 33/11 KV Wadakshiwale S/s (USM)		1.85		
	15 33/11 KV Shahuwadi S/s (USM)		1.85		
	16 33/11 KV Bajar bhogav S/s (USM)		1.85		
	17 33/11 KV Walwa S/s (USM)		1.85		
	18 33/11 KV Shirdhon S/s (USM)		1.85		
	19 33/11 KV Mudhaltitta S/s (USM)		5.00		
	20 33/11 KV Gokul Shirgaon S/s (USM)		5.00		
	21 33/11 KV Nesari S/s (USM)		<b>Total</b>	<b>59.20</b>	
				<b>MVA</b>	

Sr. No.	Name of Sub-Station	District	Transformer Capacity added in MVA	Date of Commissioning	Remark
1	<b>KONKAN ZONE</b>				
1	33/11 KV Kelshiphatra S/s (APDRP)	Ratnagiri	1.85	27.02.2009	1 X 3.15 MVA to 1 X 5 MVA
2	33/11 kV Khed S/s (APDRP)	Ratnagiri	3.40	31.03.2009	1 X 1.60 MVA to 1 X 5 MVA
		<b>Total</b>	<b>5.25</b>	<b>MVA</b>	
	<b>NASHIK ZONE</b>				
1	33/11 kV Makhmalabad S/s (P:SI)	Nashik	2.00	26.11.2008	1 X 3 MVA to 1 X 5 MVA
2	33/11 kV Musalgaon S/s (Infra)	Nashik	5.00	31.12.2008	1X5 MVA to 1X10 MVA
3	33/11 kV Dabhadi S/s (Infra)	Nashik	1.85	31.03.2009	1 X 3.15 MVA to 1 X 5 MVA
4	33/11 kV Dhyane-Wadgaon S/s (Infra)	Nashik	1.85	31.03.2009	1 X 3.15 MVA to 1 X 5 MVA
5	33/11 kV Chandanpuri S/s (Infra)	Nashik	1.85	31.03.2009	1 X 3.15 MVA to 1 X 5 MVA
6	33/11 kV Nimgaon S/s (Infra)	Nashik	3.15	31.03.2009	Additional 1X 3.15 MVA
7	33/11 kV Deogaon S/s (Infra)	Nashik	1.85	31.03.2009	1 X 3.15 MVA to 1 X 5 MVA
8	33/11 kV Naitale S/s (Infra)	Nashik	3.15	31.03.2009	Additional 1X 3.15 MVA
9	33/11 kV Vinchur S/s (Infra)	Nashik	3.15	31.03.2009	Additional 1X 3.15 MVA
10	33/11 kV Bangaon S/s (TSP)	Nashik	3.15	31.03.2009	Additional 1X 3.15 MVA
11	33/11 kV Koshimbe S/s (TSP)	Nashik	3.15	31.03.2009	Additional 1X 3.15 MVA
12	33/11 kV Anturli S/s (P:SI)	Jalgaon	1.85	12.05.2008	1 X 3.15 MVA to 1 X 5 MVA
13	33/11 kV Jamthi S/s (P:SI)	Jalgaon	1.85	26.10.2008	1 X 3.15 MVA to 1 X 5 MVA
14	33/11 kV Anturli S/s (P:SI)	Jalgaon	1.85	23.12.2008	1 X 3.15 MVA to 1 X 5 MVA
15	33/11 kV Kurha S/s (P:SI)	Jalgaon	1.85	20.01.2009	1 X 3.15 MVA to 1 X 5 MVA
16	33/11 kV Nimkhedi S/s (P:SI)	Jalgaon	3.15	05.06.2008	Additional 1 X 3.15 MVA
17	33/11 kV Sakegaon S/s (P:SI)	Jalgaon	5.00	12.06.2008	Additional 1 X 5 MVA
18	33/11 kV Chorwad S/s (P:SI)	Jalgaon	5.00	23.11.2008	Additional 1 X 5 MVA
19	33/11 kV Velhale S/s (Infra)	Jalgaon	3.00	24.12.2008	Additional 1X 3 MVA
20	33/11 kV Jamner S/s (Infra)	Jalgaon	3.15	23.02.2009	Additional 1X 3.15 MVA
21	33/11 kV Tamaswadi S/s (P:SI)	Jalgaon	5.00	23.10.2008	Additional 1 X 5 MVA
22	33/11 kV Dahigaon S/s (P:SI)	Jalgaon	5.00	07.11.2008	Additional 1 X 5 MVA
23	33/11 kV Sakali S/s (P:SI)	Jalgaon	5.00	18.10.2008	Additional 1 X 5 MVA
24	33/11 kV Morgaon S/s (P:SI)	Jalgaon	5.00	16.10.2008	Additional 1 X 5 MVA
25	33/11 kV Nimbhol S/s (P:SI)	Jalgaon	5.00	17.10.2008	Additional 1 X 5 MVA
26	33/11 kV Ainpur S/s (P:SI)	Jalgaon	5.00	25.10.2008	Additional 1 X 5 MVA
27	33/11 kV Vivara S/s (P:SI)	Jalgaon	5.00	08.11.2008	Additional 1 X 5 MVA
28	33/11 kV Nimbhol S/s (P:SI)	Jalgaon	5.00	01.04.2008	Additional 1 X 5 MVA
29	33/11 kV Varul S/s (Infra)	Dhule	1.85	19.12.2008	1 X 3.15 MVA to 1 X 5 MVA
30	33/11 kV Arthe S/s (Infra)	Dhule	1.85	19.12.2008	1 X 3.15 MVA to 1 X 5 MVA
31	33/11 kV Mhasawad S/s (Infra)	Nandurbar	1.85	03.11.2008	1 X 3.15 MVA to 1 X 5 MVA
32	33/11 kV Kothali S/s (Infra)	Nandurbar	1.85	15.02.2009	1 X 3.15 MVA to 1 X 5 MVA
33	33/11 kV Ranala S/s (Infra)	Nandurbar	1.85	14.12.2008	1 X 3.15 MVA to 1 X 5 MVA
34	33/11 kV Visarwadi S/s (Infra)	Nandurbar	5.00	18.12.2008	1 X 5 MVA to 1 X 10 MVA
35	33/11 kV Indave S/s (Infra)	Dhule	1.85	01.08.2008	1 X 3.15 MVA to 1 X 5 MVA
36	33/11 kV Shirdi S/s (P:SI)	Ahmednagar	3.00	05.07.2008	Additional 1 X 3 MVA
37	33/11 kV Jeur S/s (Infra)	Ahmednagar	5.00	03.11.2008	Additional 1 X 5 MVA
38	33/11 kV Dhandarfal S/s (Infra)	Ahmednagar	1.85	26.03.2009	1 X 3.15 MVA to 1 X 5 MVA
		<b>Total</b>	<b>122.80</b>	<b>MVA</b>	
	<b>SUB TOTAL OF WESTERN MAHARASHTRA REGION</b>		<b>229.80</b>	<b>MVA</b>	

	<u>VIDARBH REGION:-</u>				
Sr. No.	Name of Sub-Station	District	Transformer Capacity added in MVA	Date of Commissioning	Remark
<b><u>AMRAVATI ZONE</u></b>	1 33/11 kV Sakharkherda S/s (P:SI)	Buldhana	3.15	31.07.2008	Additional 1 X 3.15 MVA
	2 33/11 kV Dabha S/s (P:SI)	Yavatmal	5.00	30.04.2008	Additional 1 X 5 MVA
	3 33/11 kV Parwa S/s (P:SI)	Yavatmal	5.00	30.09.2008	Additional 1 X 5 MVA
	4 33/11 kV Wadki S/s (Backlog)	Yavatmal	1.85	31.03.2009	1 X 3.15 MVA to 1 X 5 MVA
	5 33/11 kV Maregaon S/s (Backlog)	Yavatmal	1.85	31.03.2009	1 X 3.15 MVA to 1 X 5 MVA
		<b>Total</b>	<b>16.85</b>	<b>MVA</b>	
	<b><u>NAGPUR ZONE</u></b>				
	1 33/11 kV Sakoli S/s (Backlog)	Bhandara	10.00	06.09.2008	Additional 1 X 10 MVA
	2 33/11 kV Virlee S/s (Backlog)	Bhandara	5.00	26.04.2008	Additional 1 X 5 MVA
	3 33/11 kV Rajura S/s (Backlog)	Chandrapur	10.00	19.12.2008	2 X 5 MVA to 2 X 10 MVA
	4 33/11 kV Pombhurna S/s (Backlog)	Chandrapur	3.50	08.12.2008	1 X 1.5 MVA to 1 X 5 MVA
	5 33/11 kV Korapana S/s (Backlog)	Chandrapur	1.85	09.12.2008	1 X 3.15 MVA to 1 X 5 MVA
	6 33/11 kV Shankarpur S/s (Backlog)	Chandrapur	1.85	02.12.2009	1 X 3.15 MVA to 1 X 5 MVA
	7 33/11 kV Chimur S/s (Backlog)	Chandrapur	3.70	29.11.2008	2 X 3.15 MVA to 2 X 5 MVA
	8 33/11 kV Shegaon S/s (Backlog)	Chandrapur	1.85	30.11.2008	1 X 3.15 MVA to 1 X 5 MVA
	9 33/11 kV Khambada S/s (Backlog)	Chandrapur	1.85	27.08.2008	1 X 3.15 MVA to 1 X 5 MVA
	10 33/11 kV Vyahad S/s (Backlog)	Chandrapur	1.85	28.11.2008	1 X 3.15 MVA to 1 X 5 MVA
		<b>Total</b>	<b>41.45</b>	<b>MVA</b>	
<b><u>NAGPUR URBAN ZONE</u></b>	1 33/11kV Khapri S/s (DDF)	Nagpur	3.00	24.12.2008	1 X 2 MVA to 1 X 5 MVA
			<b>3.00</b>	<b>MVA</b>	
			<b>61.30</b>	<b>MVA</b>	
<b><u>SUB TOTAL OF VIDARBH REGION</u></b>					
<b>TOTAL FOR THE STATE</b>			<b>350.75</b>	<b>MVA</b>	

ANNEXURE - 11

**TRANSMISSION LINES (11 KV & ABOVE)**

Line Volt in kV	No. of Ckts	Length in Ckt-Kms		
		As on 31.3.2008	During 2008-2009	As on 31.3.2009
33 kV	1	27949.90	407.780	28357.68
	2	1419.74	23.900	1443.64
22 kV	1	22108.93	713.120	22822.05
	2	96.57	17.157	113.73
11 kV	1	183788.94	10350.592	194139.53
	2	617.88	553.657	1171.54
Underground Cables				
33 kV	1	222.93	36.971	259.90
22 kV	1	734.04	119.376	853.41
11 kV	1	2481.37	162.758	2644.13
Total		239420.30	12385.311	251805.61

**ANNEXURE - 12**

**TRANSMISSION LINES (11 KV & ABOVE)**

**Regionwise Breakup**

Sr. No.	Region	Line Volt in kV	No. of Ckts	Length in Ckt-Kms		
				As on 31.3.2008	During 2008-2009	As on 31.3.2009
1	WESTERN MAHARASHTRA	33 kV	1	14273.83	229.72	14503.55
			2	1141.88	0.50	1142.38
			1	22108.94	713.12	22822.06
			2	96.57	17.16	113.73
			1	84171.05	5315.63	89486.68
			2	497.48	543.66	1041.14
		Underground Cables				
		33 kV	1	59.83	9.835	69.66
			1	734.04	119.376	853.42
		11 kV	1	1674.19	63.01	1737.20
		Total		124757.80	7012.01	131769.81
2	MARATHWADA	33 kV	1	7349.75	83.10	7432.85
			2	192.48	0.00	192.48
			1	0.00	0.00	0.00
			2	0.00	0.00	0.00
			1	51659.42	3197.16	54856.58
			2	106.70	10.00	116.70
		Underground Cables				
		33 kV	1	3.96	16.21	20.17
			1	0.00	0.00	0.00
		11 kV	1	82.77	51.075	133.85
		Total		59395.08	3357.55	62752.62

Sr. No.	Region	Line Volt in kV	No. of Ckts	Length in Ckt-Kms		
				As on 31.3.2008	During 2008-2009	As on 31.3.2009
3	VIDARBH	33 kV	1	6355.99	94.96	6450.95
			2	78.38	23.40	101.78
			1	0.00	0.00	0.00
			2	0.00	0.00	0.00
		11 kV	1	47958.47	1837.80	49796.27
			2	13.70	0.00	13.70
		Underground Cables				
		33 kV	1	158.25	10.926	169.18
		22 kV	1	0.00	0.00	0.00
		11 kV	1	724.42	48.67	773.09
		Total		55289.21	2015.76	57304.97

## ANNEXURE - 13

### **DISTRIBUTION LINES ( BELOW 11kV ) 2008-2009**

Sr. No.	Region		Length in Ckt-kms		
			As on 31.3.2008	During 2008-2009	As on 31.3.2009
1	Western Maharashtra	*	252098.98	5398.642	257497.62
2	Marathwada	*	115737.55	2274.200	118011.75
3	Vidarbha	*	126756.00	4022.642	130778.64
	<b>Total</b>		<b>494592.53</b>	<b>11695.484</b>	<b>506288.02</b>

**ANNEXURE - 14**

**TRANSFORMATION CAPACITY IN SERVICE 2008-2009**

Sr. No.	Region	TRANSFORMATION CAPACITY IN SERVICE (IN MVA)					
		As on 31.3.2008		During 2008-2009		As on 31.3.2009	
		Below 11 kV	11 kV & Above	Below 11 kV	11 kV & Above	Below 11 kV	11 kV & Above
1	Western Maharashtra	18729.784	8485.800	1426.849	406.300	20156.633	8892.100
2	Marathwada	4949.967	3425.600	534.634	179.650	5484.601	3605.250
3	Vidarbha	4572.928	2431.200	280.318	101.300	4853.246	2532.500
	<b>Total</b>	<b>28252.679</b>	<b>14342.600</b>	<b>2241.801</b>	<b>687.250</b>	<b>30494.480</b>	<b>15029.850</b>

**ANNEXURE 28**

**VILLAGES ELECTRIFIED DURING 2008-2009**

As per 2001 census 41095 inhabited villages in the state out of which 36394 villages are electrified as on 31/03/2009 as per revised definition of Village Electrification. During the year 2008-09, 81 nos. of villages are electrified.

**ANNEXURE-29**

**Zonewise abstract of number of places eleectrified & the number of Agricultural pumps served by the Board (including Licensees figures), percentage of villages electrified & population served**

SR. NO.	NAME OF THE DISTRICT	As on 31.3.2008 including Licensees Figures		Achievement during the year 2008-2009 by MSEDC		As on 31.3.2009 including Licensees Figures		% of places electrified
		No.of towns & villages electrified 2001 Cencus	No.of Pumps energised	No.of towns & villages electrified 2001 Cencus	No.of Pumps energised	No.of towns & villages electrified 2001 Cencus	No.of Pumps energised	
1	2	3	4	5	6	7	8	9
1.	Gr.Bombay	1	-	-	-	1	-	100.00
2.	Thane	1764	24,710	-	572	1764	25282	100.00
3.	Raigad	1585	13,047	-	613	1585	13660	84.08
KALYAN ZONE		3350	37757	0	1185	3350	38942	94.69
4.	Ratnagiri	1190	13,117	-	428	1190	13545	76.82
5.	Sindhudurg	599	15,541	-	406	599	15947	80.08
KOKAN ZONE		1789	28658	0	834	1789	29492	78.45
6.	Nasik	1504	2,56,993	-	11094	1504	268087	77.49
7.	Dhule	640	1,16,792	40	1739	680	119750	93.98
8.	Nandurbar	581	-	-	1219	581	-	61.81
9.	Jalgaon	1458	1,67,248	-	5582	1458	172830	96.81
10.	Ahmednagar	1219	2,76,915	-	5251	1219	2,76,915	76.38
NASIK ZONE		5402	817948	40	24885	5442	837582	81.29
11.	Pune	1825	1,86,932	-	5618	1825	192550	97.65
12.	Satara	1729	1,10,729	-	3830	1729	114559	99.88
13.	Sangli	729	1,41,961	-	6721	729	148682	100.00
14.	Solapur	1148	2,15,499	-	9871	1148	225370	100.00
15.	Kolhapur	1211	87,464	-	2608	1211	90072	99.75
KOLHAPUR ZONE		6642	742585	0	28648	6642	771233	99.46
16.	Aurangabad	1211	1,48,248	-	7145	1211	155393	92.51
17.	Jalna	840	77,003	-	2439	840	79442	86.87
18.	Parbhani	803	1,02,095	-	2782	803	106845	95.82
19.	Hingoli	638	-	-	1968	638	-	94.38
AURANGABAD ZONE		3492	327346	0	14334	3492	341680	92.40
20.	Nanded	1516	80,072	41	3411	1557	83483	97.24
21.	Beed	1083	1,17,064	-	3717	1083	120781	79.63
22.	Osmanabad	717	85,372	-	3965	717	89337	97.29
23.	Latur	926	81,323	-	5223	926	86546	100.00
BEED ZONE		4242	363831	41	16316	4283	380147	93.54
24.	Buldhana	1025	1,10,126	-	4841	1025	114967	78.36
25.	Akola	857	75,053	-	2047	857	79370	98.51
26.	Washim	659	-	-	2270	659	-	93.34
27.	Amravati	1466	96,283	-	3394	1466	99677	86.75
28.	Yeotmal	1607	74,670	-	5222	1607	79892	85.98
AMRAVATI ZONE		5614	356132	0	17774	5614	373906	88.59
29.	Wardha	993	55,386	-	2718	993	58104	98.22
30.	Nagpur	1498	86,774	-	3514	1498	90288	90.40
31.	Bhandara	743	43,328	-	1478	743	46322	94.77
32.	Gondia	894	-	-	1516	894	-	99.89
33.	Chandrapur	1184	28,906	-	2354	1184	31260	79.68
34.	Gadchiroli	847	8,504	-	472	847	8976	55.61
NAGPUR ZONE		6159	222898	0	12052	6159	234950	86.43
TOTAL FOR STATE		36690	2897155	81	116028	36771	3007932	89.355558

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.**

**33 kV & 22 kV SUB-STATIONS IN MSEDC LTD. AS ON 31.03.09**

<b>Sr. No.</b>	<b>Name of the District</b>	<b>33 kV &amp; 22 kV substations</b>
<b>1</b>	<b>2</b>	<b>3</b>
1.	Gr.Mumbai	13
2.	Thane	72
3.	Raigad	24
<b>KALYAN ZONE</b>		<b>109</b>
4.	Ratnagiri	37
5.	Sindhudurg	22
<b>KONKAN ZONE</b>		<b>59</b>
6.	Nasik	121
7.	Dhule	43
8.	Nandurbar	33
9.	Jalgaon	95
10.	Ahmednagar	114
<b>NASHIK ZONE</b>		<b>406</b>
11.	Pune	144
<b>PUNE ZONE</b>		<b>144</b>
12.	Satara	54
13.	Sangli	80
14.	Solapur	136
15.	Kolhapur	80
<b>KOLHAPUR ZONE</b>		<b>350</b>
16.	Aurangabad	81
17.	Jalna	52
18.	Parbhani	} 48
19.	Hingoli	} 28
<b>AURANGABAD ZONE</b>		<b>209</b>
20.	Nanded	77
21.	Beed	92
22.	Osmanabad	60
23.	Latur	76
<b>LATUR ZONE</b>		<b>305</b>
24.	Buldhana	53
25.	Akola	32
26.	Washim	25
27.	Amravati	46
28.	Yeotmal	47
<b>AMRAVATI ZONE</b>		<b>203</b>
29.	Nagpur	65
<b>NAGPUR URBAN ZONE</b>		<b>65</b>
30.	Wardha	24
31.	Bhandara	} 18
32.	Gondia	} 12
33.	Chandrapur	25
34.	Gadchiroli	18
<b>NAGPUR ZONE</b>		<b>97</b>
<b>TOTAL FOR STATE</b>		<b>1,947</b>