



# ANNUAL ADMINISTRATION REPORT



**FY-2014-15**

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## EXECUTIVE SUMMARY OF AAR-2014-15

### New Sub-stations & Switching Stations as on March-2015

Voltage Level	As on 31.03.2014	Added During 2014-15	As on 31.03.2015
33/11 KV Substion	2520	93	2613
33/22 KV Substion	41	2	43
22/11 KV Substion	115	4	119
22 KV Switching Station	133	11	144
11 KV Switching Station	6	0	6
<b>Total</b>	<b>2815</b>	<b>110</b>	<b>2925</b>

### Total Power Transformer as on March-2015

Voltage Level	As on 31.03.2014		Added During 2014-15		As on 31.03.2015	
	Nos.	Capacity (In MVA)	Nos.	Capacity (In MVA)	Nos.	Capacity (In MVA)
33/11 KV	4232	22450	254	1566	4486	24016
33/22 KV	72	485	4	33	76	518
22/11 KV	227	2171	16	172	243	2342
<b>Total</b>	<b>4531</b>	<b>25105</b>	<b>274</b>	<b>1771</b>	<b>4805</b>	<b>26876</b>

### Total Distribution Transformer as on March-2015

Voltage Level	As on 31.03.2014		Added During 2014-15		As on 31.03.2015	
	Nos.	Capacity (In MVA)	Nos.	Capacity (In MVA)	Nos.	Capacity (In MVA)
3 Ø 33/0.415 KV	10	1	18	1.65	28	2.65
3 Ø 22/0.415 KV	49678	9543	2998	892	52676	10435
3 Ø 11/0.415 KV	363077	34308	24522	2453	387599	36761
1 Ø 11/0.240 kV	80801	1775	2479	55	83280	1830
<b>Total</b>	<b>493566</b>	<b>45628</b>	<b>30017</b>	<b>3401.65</b>	<b>523583</b>	<b>49029</b>



## EXECUTIVE SUMMARY OF AAR-2014-15

Total Distribution Line network as on March-2015						
Voltage Level	As on 31.03.2014		Added During 2014-15		As on 31.03.2015	
	OH	UG	OH	UG	OH	UG
33 KV	38689	671	716	36	39405	707
22 KV	28750	2394	570	211	29320	2605
11 KV	258412	3479	7989	215	266401	3694
415 V & Below	583205	10344	13532	576	596737	10920
<b>Total</b>	<b>909056</b>	<b>16888</b>	<b>22807</b>	<b>1038</b>	<b>931863</b>	<b>17926</b>

Note: OH- Overhead UG-Underground

## CHAPTER-IV

### 4.1 33 kV and 22 kV lines and sub-stations commissioned during 2014-15

During the year 2014-2015 the M. S. E. D C. Ltd. Commissioned 99 new (33/11kV, 33/22 KV & 22/11 kV) Sub-Stations and 11 Nos of new 22/22 kV, 11/11 kV Switching Stations. The transformer capacities have also been augmented at 87 Nos. existing 33, 22 kV Sub-Stations during the year under system improvement scheme, APDRP, Backlog & Infrastrucuter Plan Project.

Sr.No.	Particulars	AchievementDuring 2014-15
1	Capacity added in S/Stn.33/11 kV,33/22 kV and 22/11 kV	1771
2	Sub-transmission lines energized 33 kV, 22 kV	1534.45 Ckt-km

### 4.2 System Improvement Schemes :

In order to reduce the distribution losses 99 nos. of new substations & 11 Nos of new switching stations are added during year 2014-15 as above. Further to reduce the commercial losses, the I.R meters were installed in place of electro mechanical meters and for faulty meters replacement.

### 4.3 Accelerated Power Development Reform Programme (APDRP) & R-APDRP

GOI has initiated a scheme named "R-APDRP" to 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.

- Proposed to cover urban areas- Towns and cities with population of more than 30,000
- Project shall be taken up in Two parts Part'A' and Part'B'
- Part A shall include the projects for establishment of Base Line Data and IT applications for energy Accounting /Auditing and IT Based Consumer Service centers.
- Part B shall include regular distribution strengthening and augmentation projects to reduce AT&C Losses upto 15%.

#### 4.3.1 Funding Mechanism for R-APDRP Project

Initially GOI will provide 100% Loan for Part A and 25% loan for Part B projects on the terms decided by Ministry of Finance. The Loan of Part A is converted into grant once establishment of the required system is achieved.

The balance funds (75 %) for Part B projects shall be raised from financial institutions. The entire loan from Gol is routed through financial institutions for the respective schemes funded by them.

#### 4.3.2 Conversion of loan into Grant

- **Part A:** The loan shall be converted into grant once the establishment of the required system is achieved and verified by the independent agencies. The interest on the converted Loan shall be capitalized. No conversion to grant will be made in case Part A is not completed within 3 years from the date of sanctioning of the project.

- **Part B:** Up to 50% loan of Part-B projects shall be converted into grant in five equal tranches on achieving the 15% AT&C loss in the project area on a sustainable basis for a period of five years. If the utility fails to achieve or sustain the 15% AT&C loss target in a particular year, that year's tranche of conversion of loan to grant will be reduced in proportion to the shortfall in achieving 15% AT&C loss target from the starting AT&C loss figure.

#### 4.3.3 RAPDRP Part A:

Part A shall include the projects for establishment of Base Line Data and IT applications for energy Accounting /Auditing and IT Based Consumer Service centers. The Expenditure of R-APDRP Part A as on 31.03.2015 is Rs 227.86 Crs

##### **Achievements of R-APDRP Part A is as under:**

- 130 Towns with population more than 30, 000 (Census 2001) selected for Implementation of R-APDRP Part A
- Revised loan amounting to Rs 324.42 Crs for 130 towns is sanctioned by PFC on 19.03.10. Two nos. towns deleted due to franchisee area so sanctioned cost is reduced to Rs. 315 Crs.
- All 128 towns Declared as go-Live as on Oct'14.

#### 4.3.4 SCADA Part A :

PFC has sanctioned 8 towns with population of More than 4 Lakh and Annual energy Input more than 350 MU for implementation of SCADA/ DMS amounting to Rs. 161.62 Crs.. The eligible towns are **Amravati, Nasik, Pune, Malegaon, Sangli, Solapur, Greater Mumbai, and Kolhapur**. The Scope of SCADA Part A is as under:

- Establishment of SCADA/DMS control center in eight specified towns.
- Integration with IT system being implemented under R-APDRP Part-A
- Establishment of Data Recovery Center at Nagpur
- Supply, installation, integration and commissioning of RTUs at all 66/33/22/11kV S/S,
- FRTUs at locations of RMUs on 11kV Distribution networks etc.
- SCADA/DMS system for control and supervision of 33/11kV S/S and 33KV & 11kV

### **The Achievements of SCADA Part A are as below:**

- LOA for Implementation of SCADA /DMS in 8 towns issued to M/s SIEMENS Ltd on 13.12.2011 for Rs 144.27 Crs. The LoA of M/s Siemens is amended on 3/9/2014 for Rs 103.4 Crs.
- Works of all SCADA Control centers are completed. Commissioning of 85 RTU, 725 FRTU and 970 RMU completed.
- The Expenditure of SCADA ( Part A ) as on 30/4/2015 is Rs 21.97 Crs.

#### **4.3.5 SCADA Part B (5 Towns) :**

PFC has sanctioned 5 towns having AT&C Losses more than 15 %. The Towns sanction by PFC amounting to Rs 154.54 crs are Greater Mumbai, Amravati, Solapur , Sangli and Malegaon.

- **Scope of SCADA Part B:**

Installation of equipments required for automation such as Ring Main Units, numerical Relays for the Protection of 11 Kv feeders, Capacitors and incomers, Automatic Voltage regulators, winding Temperature Indicator and Oil temperature Indicator for Power Transformers etc.

#### **Achievements of SCADA Part B:**

- The Contract awarded to M/s Leena Powertech for SCADA Part B works in process (Contract Cost - Rs 110.62 Crs)
- The Expenditure of SCADA ( Part B ) as on 30.04.2015 is Rs. 46.78 Crs

#### **4.3.6 SCADA Part B (3 Towns) :**

PFC has sanctioned 3 towns having AT&C Losses more than 15 %. The Towns sanction by PFC amounting to Rs 34.67 crs are Kolhapur, Nashik and Pune.

- **Scope of SCADA Part B:**

Installation of equipments required for automation such as Ring Main Units, numerical Relays for the Protection of 11 Kv feeders, Capacitors and incomers, Automatic Voltage regulators, winding Temperature Indicator and Oil temperature Indicator for Power Transformers etc.

- The LOA issued on dt. 14/5/2015 to M/s Maha Active Engineers Pvt Ltd JV with M/s Linear Enterprises (Contract Cost- Rs. 14.34 Crs).

#### **4.3.7 RAPDRP Part B:**

Part B shall include regular distribution strengthening and augmentation projects to reduce AT&C Losses upto 15%.

PFC has sanctioned 123 towns DPRs for RAPDRP Part B amounting to 3314.20 Crs, vide following letters:



- Sanction Letter No: 02:10:R-APDRP(P-B):I:2010:MSEDCL dtd 8/6/2010
- Sanction Letter No: 02:10:R-APDRP(P-B):II:2010:MSEDCL dtd 23/8/2010
- Sanction Letter No: 02:10:R-APDRP(P-B):I:2010:MSEDCL dtd 11/3/2011
- Sanction Letter No: 02:10:R-APDRP(P-B):II:2010:MSEDCL dtd 30/6/2011

Out of the 123 towns, tenders were floated for implementation of RAPDRP Part B scheme in 120 towns and LoA's were issued for all 120 Towns in the m/o Jan, Feb, Mar, May & July 2012 amounting to Rs 1696.21 Crs.

- The Expenditure of RAPDRP Part B as on 31.04.2015 is Rs. 1094.03 Crs  
LoA's for RAPDRP Part B scheme are issued to following contractors:

Sr. No.	Zone	Name of Contractor	Tender No.	Awarded Price (Rs in LaKhs)	Date of LOA
1	Amarawati	M/s Ashoka Buildcon Ltd.	T01	19061.4	19.01.2012
2	Aurangabad & Nanded	M/s Ashoka Buildcon Ltd.	T02	12443.15	19.01.2012
3	Baramati	M/s Space Age Associates Power-Infra Pvt.Ltd.	T03	12816.14	25.01.2012
4	Jalgaon	M/s GTL Ltd.	T04	9252.15	19.01.2012
5	Jalgaon	M/s Das & Brothers	T04A	398.28	29.03.2014
6	Kalyan	M/s GTL Ltd.	T05	8052.10	19.01.2012
7	Kolhapur	M/s Sunil Hi-Tech Engineers Ltd.	T06	9026.68	19.01.2012
8	Konkan	M/s Prakash Electrical Corp	T07	2226.04	24.05.2012
9	Latur	M/s Ashoka Buildcon Ltd.	T08	9735.51	19.01.2012
10	Nagpur (R) & (U)	M/s Sunil Hi-Tech Engineers Ltd.	T09	9525.38	19.01.2012
11	Nashik	M/s Bharat Electrical Contractors & Mfg (P) Ltd.	T10	9679.35	21.01.2012
12	Pune	M/s Shalaka Infra-Tech (I) Pvt.Ltd.	T11	1365.77	17.03.2012
	Thane(BZ)	M/s Jyoti Structure Ltd.	T12	14354.56	17.03.2012
13	Thane(BZ) - 2nd	M/s Supreme Infrastructure Ltd.	T12	15834.92	04.07.2013
14	Wagale Estate (BZ)	M/s Patel Engineering Ltd.	T13	10829.89	21.01.2012
15	Mulund-Bhandup (BZ)	M/s S.T. Electricals Pvt.Ltd.	T14	15701.92	14.03.2012
16	Ambernath-Badlapur-Ulhashnagar (KZ)	M/s Accurate Transformers Ltd.	T15	8767	03.02.2012
17	Kalyan-Dombivli (KZ)	SMS Infastructure Ltd.	T16	20108.36	19.01.2012
18	Pandharpur (Baramati Zone)	M/s Patwari Electricals	T17	2122.76	06.07.2012

The achievements upto April'15 are as given below:

Sr No	Activities	unit	Scope	Achievement
1	New Substations	Nos	136	98
2	Aug Of Power Transformer	Nos	27	26
3	Add of Power Transformer	Nos	32	27
4	H.T Overhead Line	Kms	2113	1060
5	H.T. Underground Line	Kms	1499	889
6	L.T. Overhead Line	Kms	1119	651
7	L.T. Underground Line	Kms	1284	971
8	New Dist.T/F HVDS	Nos	6421	4682

#### 4.4 Infrastructure Plan

Execution of Infrastructure projects was partly departmentally (Urgent Six Months work) and partly on turnkey basis.

The **expenditure** incurred **till June 2015** under

1) Infrastructure Plan scheme I – Rs. 10749 Crs

2) Infrastructure Plan scheme II – Rs. 698.25 Crs

The achievements done are as given below –

Sr No	Major Works	Unit	Departmental (Urgent Six Months Work) Achievements as on 31.03.2009	Turnkey Achievements up to June' 2015 (Infra I)	Turnkey Achievements up to June' 2015 (Infra II)
1	New Substation	Nos.	30	610	43
2	Augmentation of Power T/F	Nos.	84	376	62
3	Additional Power T/F	Nos.	46	502	111
4	HT Lines	Kms.	1613	44658	5721
5	LT Lines	Kms.	871	12761	5580
6	New Distribution Transformer	Nos.	2964	64382	11584

#### 4.5 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 supply available 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 being implemented on the same feeders which were already covered in Single phasing Phase-I & II to cover the balance villages and wadies.

Single phasing Phase- I was completed in July 2006 covering 1186 Nos of feeders, the villages benefited & Load management due to this scheme are 8085 Nos & 1153 MW respectively. Phase -II was completed in June 2008. Single phasing Phase-II scheme was 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 and Single Phasing Scheme for left out Villages/Wadies, achievements till 30.05.2015 are as given below.

Sr. No.	Details	SPP-I		SPP-II		SPP-III		SPP Left-out	
		T	A	T	A	T	A	T	A
1	No. of DPS	11585	11427	7124	7126	5150	4866	7096	6972
2	No. of Villages covered	8085	8085	3877	3877	2308	1880	2755	2667
3	No. of Wadies covered	-	-	-	-	1841	2477	3521	3467
4	Expenditure upto May 2015 (Rs. In Crores )	235	213	221	214	201	178	268	250

- T= Target, A= Achievement

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

The Gaothan Feeder Separation Scheme (GFSS) Phase -I is sanctioned for 20 districts & total feeders to be commissioned are 1498 nos. The scheme is completed. 1498 No. of feeders are separated under the said Scheme which has benefited 6932 No. of villages & Load relief of 1905 MW is achieved.

GFSS Phase -II is being implemented in 25 districts, the brief scope of this scheme covers 895 feeders, 7005 nos. of villages and load management envisaged is of 1088 MW. The Scheme is completed except Amravati Zone. 892 No. of feeders are separated under the said Scheme which has benefited 6775 No. of villages & Load relief of 995 MW is achieved.

GFSS-III Scheme is being implemented on same feeders already covered under GFSS-I for giving benefit to previously uncovered villages the brief scope of this scheme covers 434 nos. of villages out of which 328 No. of villages are benefited as on May 2015.

GFSS Left-out Scheme is being implemented for villages/wadies which are not covered under GFSS-I& II Schemes, the brief scope of this scheme covers 1131 feeders, 3592 nos. of villages and load management envisaged is of 628 MW. As on May 2015, the Scheme has benefited 3148 No. of Villages and Load relief of 362 MW is achieved.

Further, GFSS-Shrirampur is being implemented for Shrirampur Division under Ahmednagar Circle, the brief scope of this scheme covers 81 feeders, 176 nos. of villages and load management envisaged is of 161 MW. As on May 2015, the Scheme has benefited 151 No. of Villages and Load relief of 72 MW is achieved.

The Brief Summary of progress GFSS Projects till 31.05.2015 is as follows:

Sr · N o.	Particulars	GFSS-I		GFSS-II		GFSS-III		GFSS Left-out		GFSS- Shrirampur	
		T	A	T	A	T	A	T	A	T	A
1	No. of DPS	9551	9551	8255	8255	2234	1797	7337	6489	655	655
2	No. of villages covered	6932	6932	6775	6775	434	328	3592	3148	176	151
3	Expenditure upto May-2015 ( Rs. In Crores )	895	816	1006	950	231	212	721	660	87	57

- Target, A= Achievement.

#### 4.7 Installation of LT Fixed Capacitors

The LT Fixed Capacitors Scheme is being implemented in Ag dominated areas. The scope of this scheme covers installation of 25 kVAR (23073 Nos.) & 30 kVAR (22258 Nos.) LT APP Shunt Capacitors on 63 kVA & 100 kVA Distribution Transformers respectively. The Scheme is completed. Final progress of the Scheme is as below:

Scheme Name	Contract Value (Rs. in Crs.)	25 KVAR		30 KVAR		Total Capacitors	
		Target	Ach'ment	Target	Ach'ment	Target	Ach'ment
Installation of LT Fixed Capacitors	46.98	23073	23153	22285	22161	45358	45314

#### 4.8 Reactive Power Planning for reducing T&D losses :

There are 2170.23 MVAR capacitor banks installed in various Substations & 2474.18 MVAR Line capacitors are installed on feeders as on 31.03.2015. Similarly the LT capacitor Bank provided are 1124.87 MVAR. The MVAR added at HV level during FY-2014-15 is 87.5 MVAR.

#### 4.9 Non Conventional Sources Of Energy : CONSERVATION OF ENERGY

Use of Non-conventional Sources of energy to supplement conventional energy.

##### 1) Wind Energy projects in Maharashtra :

The total installed capacity of wind power project in the state as on 31.03.2015 is **4437.64 MW**. The above said wind power projects are situated in the following Districts. Satara, Sangli, Ahmednagar, Dhule, Nandurbar, Nashik, Beed, Pune, Amravati, Sindhudurg, Kolhapur. Most of these wind power projects have been developed by private investors.

Out of these 4437.64 MW, the wind power project of capacity around **3012.25 MW** is selling wind energy to MSEDCL through Long term/Short term Agreements.

##### 2) Cogeneration Projects in Maharashtra :

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

MSEDCL has executed EPA's with installed generation capacity to the tune of 2061 MW as on 31.03.2015 out of which the projects commissioned in the F.Y. 2014-15 is 200.80 MW. The total commissioned capacity as on 31.03.2015 is 1546 MW.

Further GoM has initiated various schemes to encourage co-generation in the state such as cogeneration projects based on BOOT policy.

##### 3) Biomass IPP Projects :

Eighteen EPA's were executed involving installed capacity generation to the tune of 201 MW. The installed generation capacity in operation for sale to MSEDCL upto 31.03.2015 is 147 MW and the new projects commissioned in the F.Y. 2014-15 is 10 MW.

##### 4) Small Hydro Projects :

Hydro projects upto 25 MW capacity are considered as Small Hydro projects and they are treated as NCE sources. MSEDCL is procuring power from MSPGCL's small hydro projects (approx. 182 MW) and from Government owned and private small hydro projects also.

The Contracted capacity (Sale to MSEDCL) of private and Govt. owned small hydro projects upto 31.03.2015 is 68.825 MW out of which the projects commissioned in F.Y. 2014-15 is 4.4 MW. The total commissioned capacity as on 31.03.2015 is 65.375 MW.

## 5) Solar Projects :

MSEDCL has also executed long term EPAs with MSPGCL and private Solar Power Project developers under various Govt. schemes of GoI for total capacity of 327 MW for meeting solar RPO target. As on 31.03.2015 the commissioned capacity of the solar projects selling power on long term basis to MSEDCL is 202 MW.

### 4.10 RURAL ELECTRIFICATION 2014-15 :

#### 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 41096 nos. of villages and 377 Nos. of towns as per 2001 Census, 41096 nos. of villages and 377 nos. of towns have been electrified as on 31.03.14 as per preliminary survey carried out.

The company has energized 1,47,993 agricultural pumpsets during the year 2014-15. With the implementation of this programme, total pumpsets energized in the State are 38,12,698 (Live), 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 Gaothan. All the 33,711 Dalit Bastis, feasible for electrification, have been electrified as on 31-03-1998.

#### iii) TRIBAL SUB-PLAN :

There are 8399 nos. of villages and 29 nos. of towns under tribal, as per Census 2001.

The M.S.E.D.C.Ltd. has also energized 13432 agricultural pumpsets in tribal sub-plan area during 2014-15 bringing the total no. of pumpsets energized in tribal sub-plan area to 1,56,346.

#### 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 2014-2015 a total of 11,091 such connections have been released, out of which 6,699 pertains to Scheduled Castes and Nav Buddhists. So far a total of 17,49,296 connections have been released to these five categories, out of which 10,10,328 pertains to Scheduled Castes and Nav Buddhists.

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

As per the Electricity Act 2003, the Central Government has notified the Rural Electrification Policy.

The policy is aimed at:--

- Provision of access to electricity to all households.
- 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 as per **new definition of village electrification.**
- While providing power supply to 100% BPL (Below Poverty Line) Households, no service connection cost to be recovered from such beneficiaries.

**New Definition of Village Electrification:**

"A village would be declared as electrified if:

- 1) Basic infrastructures such as distribution transformer and distribution lines are provided in the inhabited locality as well as the dalit basti/ hamlet where it exists. ( For electrification through Non-Conventional Energy Sources a distribution transformer may not be necessary),
- 2) Electricity is provided to public places like schools, panchayat offices, health centres, dispensaries, community centres etc. and
- 3) The number of households electrified should be at least 10% of the total number of households in the village."

**Salient features of RGGVY:--**

The Central Government has launched an ambitious scheme "Rajiv Gandhi Grameen Vidyutikaran Yojana" (RGGVY) in April 2005.

RGGVY scheme is aimed to improve infrastructure in rural area and to electrify all villages as per census 2001 (as per new definition i.e. having population more than 100) and rural households along with free electrical connection to BPL 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.

M/s RECPDCL, M/s Voyants and M/s. Intertek are the third party monitoring agencies for RGGVY which inspect the materials used and quality of works executed.

In Maharashtra state under X<sup>th</sup> plan RGGVY scheme, four schemes for four districts were sanctioned by MoP and approved the grant of Rs.86.24 Crore. X<sup>th</sup> Plan schemes are completed in March 2010.

Under XI<sup>th</sup> plan RGGVY scheme, 30 schemes for 29 districts are sanctioned by MoP and approved the grant of Rs. 729.66 Crore. XI<sup>th</sup> Plan schemes are completed in September 2013. Closure proposals of 30 schemes were submitted to REC for approval and REC has given conditional approval to 30 schemes under XI<sup>th</sup> plan RGGVY scheme.

One Supplementary Scheme under XI<sup>th</sup> plan RGGVY scheme for Solapur District is sanctioned by MoP for amount of Rs. 33.64 Crore. The scheme is completed in October-2014.

**The details of Parameters proposed under RGGVY Scheme in respect of Maharashtra State**

1.	Total Districts	-	33 Nos.
2.	Total Projects (X <sup>th</sup> + XI <sup>th</sup> + Supplementary XI <sup>th</sup> Plan)	-	4 + 30 + 1 = 35 Nos.
3.	Total No. of villages in Maharashtra state as per Census 2001	-	41095 Nos.
4.	Total No. of Electrified Villages in Maharashtra state	-	36010 Nos.
5.	Total No. of Un-electrified villages as per new definition of village electrification defined by GOI in Maharashtra state	-	5085 Nos.
6.	Total No. of Villages to be electrified in RGGVY as per new definition by conventional method	-	4709 Nos.
7.	Total No. of Villages to be electrified by nonconventional energy source by MEDA	-	376 Nos.
8.	Total No. of Unelectrified BPL Households freezed for connection purpose in RGGVY Scheme (X <sup>th</sup> + XI <sup>th</sup> Plan)	-	11,84,415 Nos.
9.	Total No. of Unelectrified BPL Households covered for connection purpose in Supplementary XI <sup>th</sup> Plan RGGVY Scheme	-	19279 Nos.
10	Freezed Coverage for Basic Infrastructure (X <sup>th</sup> + XI <sup>th</sup> Plan)		
	a) H.T. Lines	-	5218.11 Km
	b) L. T. Lines	-	8506.01 Km
	c) Transformers	-	8979 Nos.
11.	Freezed Coverage for Basic Infrastructure (Supplementary XI <sup>th</sup> Plan)		
	a) H.T. Lines	-	422.44 Km
	b) L. T. Lines	-	982.12 Km
	c) Transformers	-	573 Nos.



**The financial and physical progress of RGGVY (X<sup>th</sup> & XI<sup>th</sup> + Supplementary XI<sup>th</sup> Plan) As on Dt. 31.03.2015**

1.	MoP sanctioned cost		
	a) Under X <sup>th</sup> Plan	-	Rs. 86.24 Cr.
	b) Under XI <sup>th</sup> Plan	-	Rs. 729.66 Cr.
	c) Under Supplementary XI <sup>th</sup> Plan		Rs. 33.64 Cr.
2.	Total funds received towards RGGVY Scheme (X <sup>th</sup> + XI <sup>th</sup> + Suppl. XI <sup>th</sup> Plan)	-	Rs. 595.46 Cr.
3	Total expenditure incurred under X <sup>th</sup> Plan RGGVY Scheme as per Closure submitted to REC		Rs. 108.64 Cr.
4.	Final project cost approved by REC under X <sup>th</sup> Plan RGGVY Scheme as per closure	-	Rs. 86.48 Cr.
5.	Total expenditure incurred under XI <sup>th</sup> Plan RGGVY Scheme as per Closure submitted to REC		Rs. 603.13 Cr.
6	Final project cost approved by REC under XI <sup>th</sup> Plan RGGVY Scheme as per closure		Rs.576.72 Cr.
7.	Total expenditure incurred under Suppl. XI <sup>th</sup> Plan RGGVY Scheme as per Physical Progress		Rs. 17.55 Cr.
8.	Total No. BPL Connections released under X <sup>th</sup> Plan	-	2,08,501 Nos.
9.	Total No. BPL Connections released under XI <sup>th</sup> Plan	-	9,88,096 Nos.
10.	Total No. BPL Connections released under Suppl. XI <sup>th</sup> Plan		14,444 Nos.
11.	Total No. of BPL Connections released (X <sup>th</sup> + XI <sup>th</sup> Plan + Suppl. XI <sup>th</sup> Plan)	-	12,11,041 Nos.
12.	Villages Electrified as per new definition by conventional way defined by GOI	-	4,709 Nos.
13.	Infrastructure Progress (X <sup>th</sup> + XI <sup>th</sup> + Suppl. XI <sup>th</sup> Plan)		
	i) HT Line (Km)	-	3797.19
	ii) LT Line (Km)	-	10437.24
	iii) Transformers (Nos.)	-	9018
14.	Project Completion Date		
	a) X <sup>th</sup> Plan	-	Completed in March 2010
	b) XI <sup>th</sup> Plan	-	Completed in September 2013
	c) Supplementary XI <sup>th</sup> Plan		Completed in October 2014

**STATEMENT SHOWING DETAILS OF POWER T/Fs IN SERVICE AS ON 31.3.2015**

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

Voltage Ratio	Capacity	AMTZ	AZ	Nanded	LZ	KLNZ	KZR	KOPZ	NSKZ	Jalgaon	NZ	BUZ	Baramati	PZ	NUZ	TOTAL	TOTAL CAPACITY IN MVA
	in MVA	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	NOS.	
33/11 kV	20					0									2	2	40.00
	10	21	18	11	6	4	0	75	85	21	57	43	33	8	71	453	4530.00
	7.5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	7.50
	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	5	463	279	301	419	42	85	321	562	350	187	6	493	55	90	3653	18265.00
	3.15	37	18	20	40	4	17	5	56	66	17	0	23	3	6	312	982.80
	3	18	2	1	12	1	0	5	11	4	0	0	2	0	0	56	168.00
	2.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2.50
	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
	1.6	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	3.20
	1.5	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	7.50
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
<b>TOTAL</b>		<b>540</b>	<b>318</b>	<b>333</b>	<b>477</b>	<b>51</b>	<b>104</b>	<b>406</b>	<b>714</b>	<b>441</b>	<b>266</b>	<b>49</b>	<b>551</b>	<b>66</b>	<b>169</b>	<b>4485</b>	<b>24006.50</b>
33/22 kV	12.5					0						0	3	0		3	37.50
	10					0						0	19	5		24	240.00
	6.5					0						0	0	0		0	0.00
	4.5					0						0	0	0		0	0.00
	5					7						1	39	0		47	235.00
	3.15					0						0	0	0		0	0.00
	3					1						0	0	0		1	3.00
2					1						0	0	0		1	2.00	
<b>TOTAL</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>61</b>	<b>5</b>	<b>0</b>	<b>76</b>	<b>517.5</b>
22/11 kV	12.5	0							0			3		0		3	37.50
	10	0							1			121		100		222	2220.00
	5	0							1			5		13		19	95.00
	3.15								0			0		0		0	0.00
	3	0							0			0		0		0	0.00
	2.6								0			0		0		0	0.00
	1.5	0							0			0		0		0	0.00
1	0							0			0		0		0	0.00	
<b>TOTAL</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>129</b>	<b>0</b>	<b>113</b>	<b>0</b>	<b>244</b>	<b>2352.50</b>
<b>GRAND TOTAL</b>		<b>540</b>	<b>318</b>	<b>333</b>	<b>477</b>	<b>60</b>	<b>104</b>	<b>406</b>	<b>716</b>	<b>441</b>	<b>266</b>	<b>179</b>	<b>612</b>	<b>184</b>	<b>169</b>	<b>4805</b>	<b>26876.50</b>

**STATEMENT SHOWING DETAILS OF DISTRIBUTION T/Fs IN SERVICE AS ON 31.3.2015**

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

Voltage Ratio	Capacity in KVA	AMTZ	AZ	Nanded	LZ	KLNZ	KZR	KOPZ	NSKZ	Jalgaon	NZ	BUZ	Baramati	PZ	NUZ	TOTAL	TOTAL CAPACITY IN KVA
		Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	NOS.	
11/0.4 kV	12.5	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0
	15	85	207	0	0	0	0	0	0	0	0	0	0		0	292	4380
	16	31	0	0	0	0	0	0	1	35	9	0	0		0	76	1216
	25	4350	598	2829	943	76	1259	2467	4671	2333	5107	0	1691	351	475	27150	678750
	50	1052	136	86	73	31	234	323	226	458	375	0	210	222	64	3490	174500
	63	23189	13686	13401	20971	611	4331	14183	27097	14967	11094	0	22024	2230	3563	171347	10794861
	75	0	0	0	0	0	0	14	1	3	0	0	0	0	0	18	1350
	100	15712	9288	10897	14272	1517	2298	17256	26165	17797	7677	32	20688	2341	5215	151155	15115500
	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	150	44	8	0	0	16	4	79	24	37	18	0	8	23	11	272	40800
	160	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	320
	200	1991	1629	1203	1129	501	329	2500	4702	1262	945	64	1939	1601	2871	22666	4533200
	250	11	2	0	0	8	1	17	24	10	4	4	16	34	7	138	34500
	300	121	11	22	48	11	1	37	45	13	0	0	15	104	24	452	135600
	315	85	240	70	159	248	18	363	835	96	28	175	174	1500	757	4748	1495620
	350	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	350
	400	0	0	0	0	0	2	0	0	1	0	14	1	0	0	18	7200
	500	0	61	20	7	42	1	97	56	3	0	112	33	321	72	825	412500
	600	1	0	0	0	0	0	0	0	6	0	0	0	0	0	7	4200
	630	4	54	12	20	23	0	44	74	0	0	2527	13	1263	258	4292	2703960
750	0	1	0	0	0	0	10	2	0	0	134	4	2	2	155	116250	
800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
950	0	0	0	0	0	0	0	0	0	0	81	0	0	2	83	78850	
1000	0	0	0	0	0	0	11	1	0	0	357	0	0	1	370	370000	
1200							19				1				20	24000	
1500	0	0	0	0	0	0	12	0	0	0	8	0	0	0	20	30000	
2000	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	4000	
2500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>TOTAL</b>		<b>46676</b>	<b>25921</b>	<b>28540</b>	<b>37622</b>	<b>3084</b>	<b>8478</b>	<b>37432</b>	<b>63926</b>	<b>37021</b>	<b>25257</b>	<b>3511</b>	<b>46816</b>	<b>9992</b>	<b>13323</b>	<b>387599</b>	<b>36761907</b>
11/0.25 single phase	25	4718	9106	8261	10483	0		55	7401	2741	2951		4681	4650	3105	58152	1453800
	15	1114	3397	2662	7658	0		41	3679	705	1471		1292	1929	1092	25040	375600
	10		20	0	0	0		0	0		0		0	0	68	88	880
<b>TOTAL</b>		<b>5832</b>	<b>12523</b>	<b>10923</b>	<b>18141</b>	<b>0</b>	<b>0</b>	<b>96</b>	<b>11080</b>	<b>3446</b>	<b>4422</b>	<b>0</b>	<b>5973</b>	<b>6579</b>	<b>4265</b>	<b>83280</b>	<b>1830280</b>

**STATEMENT SHOWING DETAILS OF DISTRIBUTION T/Fs IN SERVICE AS ON 31.3.2015**

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

Voltage Ratio	Capacity in KVA	AMTZ	AZ	Nanded	LZ	KLNZ	KZR	KOPZ	NSKZ	Jalgaon	NZ	BUZ	Baramati	PZ	NUZ	TOTAL	TOTAL CAPACITY IN KVA
		Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	NOS.	
22\0.4 kV	16					0	0	0	0			0	0	0		0	0
	25					846	0	0	0			7	554	186		1593	39825
	50					239	0	0	0			5	114	31		389	19450
	63					3079	0	0	0			111	6980	2057		12227	770301
	75					0	0	0	0			1	0	0		1	75
	100					3768	0	0	4			739	9103	5066		18680	1868000
	150					22	0	0	0			8	2	14		46	6900
	160					0	0	0	0			211	0	0		211	33760
	200					1849	0	0	3			858	834	2724		6268	1253600
	230					0	0	0	0			0	0	0		0	0
	250					15	0	0	0			69	3	7		94	23500
	300					15	0	0	0			25	3	44		87	26100
	315					1820	0	0	0			1206	126	2006		5158	1624770
	350					0	0	0	0			1	0	0		1	350
	400					11	0	0	0			6	0	0		17	6800
	450					3	0	0	0			0	0	0		3	1350
	500					927	0	0	0			951	25	353		2256	1128000
	600					0	0	0	0			0	0	0		0	0
	630					2023	0	0	0			1361	3	1837		5224	3291120
	730					0	0	0	0			0	0	0		0	0
750					19	0	0	0			308	0	0		327	245250	
800					0	0	0	0			2	0	0		2	1600	
950					0	0	0	0			27	0	0		27	25650	
1000					7	0	0	0			45	0	2		54	54000	
1250					3	0	0	0			2	0	1		6	7500	
1600					0	0	0	0			5	0	0		5	8000	
<b>TOTAL</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14646</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>5948</b>	<b>17747</b>	<b>14328</b>	<b>0</b>	<b>52676</b>	<b>10435901</b>
33/0.4 kV	50	2		0		7	0	0	0			0	0			9	450
	100	10		0		6	0	0	0			0	0			16	1600
	200	0		0		0	2	0	0			1	0			3	600
	315	0		0		0	0	0	0			0	0			0	0
	500	0		0		0	0	0	0			0	0			0	0
<b>TOTAL</b>		<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28</b>	<b>2650</b>
<b>GRAND TOTAL</b>		<b>52520</b>	<b>38444</b>	<b>39463</b>	<b>55763</b>	<b>17743</b>	<b>8480</b>	<b>37528</b>	<b>75013</b>	<b>40467</b>	<b>29679</b>	<b>9460</b>	<b>70536</b>	<b>30899</b>	<b>17588</b>	<b>523583</b>	<b>49030738</b>

**ANNEXURE-3**

**33kV and 22 KV Sub-Transmission Lines energised during 2014-15**

Sr. No.	Name of Line		District	Name of Zone	Details of 33 KV Line (Length in CKT-KMS)			Date of Energisation
	From	To			Overhead D/C	Overhead S/C	Underground	
1	2	3	4	5	6	7	8	9
	<b>MARATHWADA REGION:-</b>							
	<b>Aurangabad Zone</b>							
1	132kV Kannad	Kannad(Kankawati nagar)	Aurangabad	Aurangabad	0.00	0.18	0.00	01.04.2014
2	132kV Sillod	Khodkai	Aurangabad	Aurangabad	0.00	9.00	0.00	11.10.2014
3	132 MIDC	Motibagh	Jalna	Aurangabad	0.00	3.28	0.00	19.01.2015
			<b>Total</b>		<b>0.00</b>	<b>12.46</b>	<b>0.00</b>	<b>CKT-KMS</b>
	<b>Latur Zone</b>							
1	132 KV Koyana latur	33/11 KV OLD PH S/S	Latur	Latur	0.00	1.50	0	25.09.2014
2	132 KV s/s Chakur S/S	33/11 KV Ujalamb Sub Station	Latur	Latur	0.00	5.50	0	04.10.2014
3	132 KV s/s Udgir S/S	Tiwatgyal pati	Latur	Latur	0.00	10.00	0	04.10.2014
4	132/33 KV Majalgaon S/S	33/11 KV Manoor S/S (New)	Beed	Latur	0.00	1.70	0	21.05.2014
5	33 KV Dhanora Road line emanating from 132/33 KV Beed S/S	33/11 KV Waghe Babhulgaon S/S (new)	Beed	Latur	0.00	0.18	0	09.06.2014
6	33 KV P. Mandva line emanating from 220/33 KV Girwali S/S	33/11 KV Dawakhana S/S (new)	Beed	Latur	0.00	4.20	0	10.07.2014
7	33 KV Longaon line emanating from 132/33 KV Majalgaon S/S	33/11 KV Gangamasla S/S (New)	Beed	Latur	0.00	7.90	0	17.08.2014
8	33 KV Ambajogai line emanating from 132/33 KV GCR S/S	33/11 KV Kalratri S/S (New)	Beed	Latur	0.00	3.00	0	11.10.2014
9	33 KV Malipargaon line emanating from 132/33 KV Majalgaon S/S t	33/11 KV Takarwan S/S (New)	Beed	Latur	0.00	5.24	0	12.03.2015
10	33 KV Malipargaon line emanating from 132/33 KV Majalgaon S/S	33/11 KV Hiwara S/S (New)	Beed	Latur	0.00	8.99	0	13.03.2015
11	33 KV Hoal line emanating from 132/33 KV Kaj S/S	33/11 KV Umari S/S (new)	Beed	Latur	0.00	7.10	0	14.03.2015
12	33 KV Dharmapuri line emanating from 132/33 KV GCR Parti S/S	33/11 KV Pattiwadgaon S/S (New)	Beed	Latur	0.00	6.83	0	21.03.2015
13	33 KV Wadwani line emanating from 132/33 KV Telgaon S/S	33/11 KV Deola S/S (New)	Beed	Latur	0.00	3.45	0	24.03.2015
			<b>Total</b>		<b>0.00</b>	<b>65.59</b>	<b>0.00</b>	<b>CKT-KMS</b>

Sr. No.	Name of Line		District	Name of Zone	Details of 33 KV Line (Length in CKT-KMS)			Date of Energisation
	From	To			Overhead D/C	Overhead S/C	Underground	
1	2	3	4	5	6	7	8	9
<b>Nanded Zone</b>								
1	132 KVSS PBN	33 KV SS Khandoba (B ) PBN	Parbhani	Nanded	5.30	0.00	0.00	15.01.2015
2	33 KV SS Jintur	33 KV SS MIDC Jintur	Parbhani	Nanded	0.00	6.19	0.00	31.03.2015
3	33 KV SS Purna	33 KV SS Purna - II	Parbhani	Nanded	1.34	4.50	0.00	15.08.2014
4	132 KVSS PBN	33 KV Vidyanagar Parbhani	Parbhani	Nanded	0.00	0.00	2.75	26.06.2014
5	132 KV Risod SS	33 KV SS Pankanhergaon	Hingoli	Nanded	0.00	16.00	0.00	17.12.2014
6	33 KV Shirad (Tap)	33 KV Nahad	Hingoli	Nanded	0.00	7.00	0.00	12.01.2015
			<b>Total</b>		<b>6.64</b>	<b>33.69</b>	<b>2.75</b>	<b>CKT-KMS</b>
<b><u>SUB TOTAL FOR MARATHWADA REGION</u></b>					<b>6.64</b>	<b>111.74</b>	<b>2.75</b>	<b>CKT-KMS</b>
<b><u>WESTERN MAHARASHTRA REGION:-</u></b>								
<b>Bhandup Zone</b>								
1	22 KV D/C Line		Thane	Bhandup	0.05	0.00	0.00	
2	22 KV S/C Line		Thane	Bhandup	0.00	2.82	0.00	
3	22 KV S/C Line		Raigad	Bhandup	0.00	0.50	0.00	
4	22 KV U/G Cable		Mumbai	Bhandup	0.00	0.00	55.24	
5	22 KV U/G Cable		Thane	Bhandup	0.00	0.00	27.11	
6	22 KV U/G Cable		Raigad	Bhandup	0.00	0.00	3.00	
			<b>Total</b>		<b>0.05</b>	<b>3.32</b>	<b>85.34</b>	<b>CKT-KMS</b>

Sr. No.	Name of Line		District	Name of Zone	Details of 33 KV Line (Length in CKT-KMS)			Date of Energisation
	From	To			Overhead D/C	Overhead S/C	Underground	
1	2	3	4	5	6	7	8	9
<b>Pune Zone</b>								
1	33 KV Ale	33 KV Pimpalwandi	Pune	Pune	0.00	7.60	0.00	Oct-14
2	33 KV Narayangaon	33 KV Khodad	Pune	Pune	0.00	11.50	0.00	Nov-14
			<b>Total</b>		<b>0.00</b>	<b>19.10</b>	<b>0.00</b>	<b>CKT-KMS</b>
<b>Kolhapur Zone</b>								
1	110/33 KV Kale S/Stn	33/11 KV Bololi S/Stn	Kolhapur	Kolhapur	0.00	16.50	0.00	01.04.2014
			<b>Total</b>		<b>0.00</b>	<b>16.50</b>	<b>0.00</b>	<b>CKT-KMS</b>
<b>Baramati Zone</b>								
1	Jejuri 220/33 KV Power Stn.	Nazare S/Stn	Pune	Baramati	0	10.00	0.00	15.01.2015
2	Someshwer 220/33 KV EHV Power Stn.	Nira S/Stn	Pune	Baramati	0	11.19	0.00	02.04.2015
3	Tap to 33 Kv Jindal feeder emanating from 220 Kv Tembhorni s/stn	33/11 Kv Tembhorni MIDC s/stn	Solapur	Baramati	0	0.18	0.00	01.06.2014
4	132 Kv Shankarnagar s/stn	33/11 Kv Khandali s/stn	Solapur	Baramati	0.00	8.00	0.00	01.06.2014
5	Tap to 33 Kv Indapur feeder emanating from 220 Kv Malinagar s/stn	33/11 Kv Wagholi ( Babulgaon) s/stn	Solapur	Baramati	0.00	7.00	0.00	22.06.2014
6	Tap to 33 Kv Lamboti feeder emanating from 132 Kv Mohol s/stn	33/11 Kv Bhambewadi s/stn	Solapur	Baramati	0.00	7.00	0.00	30.06.2014
7	Tap to 33 Kv Karmala feeder emanating from 132 Kv Karmala s/stn	33/11 KV Pande s/stn	Solapur	Baramati	0.00	6.00	0.00	28.07.2014
8	Tap to 33 Kv MIDC feeder emanating from 220 Kv Kumbhari s/stn	33/11 Kv Bidi Gharkul s/stn.	Solapur	Baramati	0.00	9.20	0.00	14.08.2014
9	Tap to 33KV Shetphal feeder emanating from 220KV Karkamb s/stn	33/11 Kv Ashti (Kuranwadi) s/stn	Solapur	Baramati	0.00	4.81	0.00	27.02.2015
			<b>Total</b>		<b>0.00</b>	<b>63.38</b>	<b>0.00</b>	<b>CKT-KMS</b>

Sr. No.	Name of Line		District	Name of Zone	Details of 33 KV Line (Length in CKT-KMS)			Date of Energisation
	From	To			Overhead D/C	Overhead S/C	Underground	
1	2	3	4	5	6	7	8	9
<b>KONKAN ZONE</b>								
1	33/11 KV SS Margtamhane	33/11 KV SS Bhoom	Ratnagiri	Kokan	0.00	12.60	0.00	25.3.2014
2	220/33 KV SS Dasturi	33/11 KV SS Harnai	Ratnagiri	Kokan	0.00	42.00	0.00	03.04.2014
			<b>Total</b>		<b>0.00</b>	<b>54.60</b>	<b>0.00</b>	<b>CKT-KMS</b>
<b>KALYAN ZONE</b>								
1	22 KV S/C Line		Thane (Kalyan-I)	Kalyan	0.00	7.68	0.00	-
2	22 KV U/G Cable		Thane (Kalyan-I)	Kalyan	0.00	0.00	19.58	-
3	22 KV D/C Line		Thane (Kalyan-II)	Kalyan	13.68	0.00	0.00	
4	22 KV S/C Line		Thane (Kalyan-II)	Kalyan	0.00	13.57	0.00	
4	22 KV U/G Cable		Thane (Kalyan-II)	Kalyan	0.00	0.00	8.91	
5	33 KV S/C Line		Palghar (Vasai)	Kalyan	0.00	9.48	0.00	
6	22 KV D/C Line		Palghar (Vasai)	Kalyan	23.05	0.00	0.00	
7	22 KV S/C Line		Raigad (Pen)	Kalyan	0.00	667.28	0.00	
8	22 KV U/G Cable		Raigad (Pen)	Kalyan	0.00	0.00	23.01	
			<b>Total</b>		<b>36.73</b>	<b>698.01</b>	<b>51.50</b>	<b>CKT-KMS</b>
<b>NASHIK ZONE</b>								
1	132 Taharabad S/Stn.	33 KV Mulher S/Stn.	Nashik	Nashik	0.00	0.32	0.00	30.03.15
2	Tapping to 33 KV Ajmer.Saundane line	33 KV Nimbola S/Stn.	Nashik	Nashik	0.00	2.82	0.00	30.03.15
3	132KV Manmad S/Stn.	33 KV Burkulwadi S/Stn.	Nashik	Nashik	0.00	3.00	0.00	05.03.15
4	132KV Manmad S/Stn.	33 KV Waghwardi S/Stn.	Nashik	Nashik	0.00	10.25	0.00	21.11.14
5	220/132/33 kv Saundala	33/11 kv Khamgaon	Ahmednagar	Nashik	0.00	23.79	0.00	10.12.2014
6	132 kv Ambalika	33 KV Rasin tap	Ahmednagar	Nashik	0.00	3.20	0.00	16.01.2015
7	132 kv Ambalika	33 KV Bhambara	Ahmednagar	Nashik	0.00	3.00	0.00	16.01.2015
8	33/11 kv Sakur	33/11 kv Mandve	Ahmednagar	Nashik	0.00	6.80	0.00	15.09.2014
9	33 Kv Javala Kadiag	33/11 kv Chikhali	Ahmednagar	Nashik	0.00	13.10	0.00	14.12.2014
10	33 kv cables is erected at 132 kv MIDCs/s for the seperation work of 33 kv l block & 33 kv sunfharma feeders for the for the energy audite purpose		Ahmednagar	Nashik	0.00	0.00	0.73	25.03.2015
			<b>Total</b>		<b>0.00</b>	<b>66.28</b>	<b>0.73</b>	<b>CKT-KMS</b>



Sr. No.	Name of Line		District	Name of Zone	Details of 33 KV Line (Length in CKT-KMS)			Date of Energisation
	From	To			Overhead D/C	Overhead S/C	Underground	
1	2	3	4	5	6	7	8	9
<b><u>JALGAON ZONE</u></b>								
1	132 KV Amalner s/stn	33/11 KV Amalner s/stn	Jalgaon	Jalgaon	0.00	1.00	0.00	06.10.2014
2	132 KV Yawal s/stn	Line re orientation near s/stn	Jalgaon	Jalgaon	0.00	1.99	0.00	10.05.2014
3	33 KV Nashirabad	33 KV Choevad	Jalgaon	Jalgaon	0.00	0.29	0.00	10.02.2015
4	132 KV CSN s/stn	MIDC s/stn Chalisgaon	Jalgaon	Jalgaon	0.00	6.50	0.00	10.06.2014
5	132 KV CSN s/stn	Old Power House s/stn CSN	Jalgaon	Jalgaon	0.00	8.50	0.00	10.08.2014
6	132 KV Dondaicha s/stn	33/11 KV Dondaicha s/stn	Dhule	Jalgaon	0.00	0.91	0.00	10.05.2014
			<b>Total</b>		<b>0.00</b>	<b>19.19</b>	<b>0.00</b>	<b>CKT-KMS</b>
<b><u>SUB TOTAL FOR WESTERN MAHARASHTRA REGION</u></b>					<b>36.78</b>	<b>940.38</b>	<b>137.58</b>	<b>CKT-KMS</b>
	<b><u>VIDARBH REGION:-</u></b>							
	<b><u>NAGPUR ZONE</u></b>							
1	132kv Madgi	33 Kv Tumsar	Bhandara	Nagpur	0.00	14.32	0.00	13.08.2014
2	Amgaon	Rawanwadi	Gondia	Nagpur	0.00	0.14	0.00	19.10.2014
3	Simplex	Katangtola	Gondia	Nagpur	0.00	0.28	0.00	31.07.2014
4	Rawanwadi	.	Gondia	Nagpur	0.00	0.14	0.00	11.06.2014
5	132 KV Deoli S/stn	33 KV Deoli MIDC s/STN	Wardha	Nagpur	0.00	4.50	0.00	11.07.2014
6	33 KV Anji S/stn	33 KV Deoli Pipari s/STN	Wardha	Nagpur	0.00	17.40	0.00	05.07.2014
7	33 KV Dattapur S/stn	33 KV Seloo s/STN	Wardha	Nagpur	0.00	15.85	0.00	12.09.2014
8	33 KV Bhugaon S/stn	33 KV Waigaon s/STN	Wardha	Nagpur	0.00	19.29	0.00	18.11.2014
9	Noble Explocame	33 KV Hingani s/STN	Wardha	Nagpur	0.00	4.10	0.00	11.10.2014
10	33 KV Dattapur S/stn	33 KV Pipari s/STN	Wardha	Nagpur	0.00	5.25	0.00	11.10.2014
11	132 KV Talegaon S/stn	33 KV Sawali s/STN	Wardha	Nagpur	0.00	19.30	0.00	15.12.2014
12	132 KV Talegaon S/stn	33 KV Ashti s/STN	Wardha	Nagpur	0.00	18.20	0.00	20.02.2015
13	33 KV Arvi S/stn	33 KV Nandpur s/STN	Wardha	Nagpur	0.00	8.90	0.00	07.10.2014

Sr. No.	Name of Line		District	Name of Zone	Details of 33 KV Line (Length in CKT-KMS)			Date of Energisation
	From	To			Overhead D/C	Overhead S/C	Underground	
1	2	3	4	5	6	7	8	9
14	Khadaki Village	33 KV AntoraS/stn	Wardha	Nagpur	0.00	7.90	0.00	29.10.2014
15	132 Jam KV S/stn	33 KV Ajanti S/stn	Wardha	Nagpur	0.00	11.00	0.00	19.04.2014
16	132 Jam KV S/stn	Shedgaon Village	Wardha	Nagpur	0.00	16.44	0.00	03.07.2014
17	220 KV Wani S/stn	Sonegaon S/stn	Wardha	Nagpur	0.00	30.50	0.00	23.12.2014
18	33 kv shastrinagar	33kv TPS	Chandrapur	Nagpur	14.50	0.00	0.00	31.03.2015
			<b>Total</b>		<b>14.50</b>	<b>193.51</b>	<b>0.00</b>	<b>CKT-KMS</b>
	<b><u>NAGPUR URBAN ZONE</u></b>							
1	Dongargaon 33 KV S/stn	33 KV Vrindawan City	Nagpur	Nagpur U	0.00	6.90	2.30	27.11.14
2	Besa	Godrej Anandam	Nagpur	Nagpur U (DF)	0.00	0.00	7.00	April-14
3	Uppalwadi	Vita bhatti	Nagpur	Nagpur U (DF)	0.00	0.00	1.00	Aug-14
4	Deepak Nagar	Kamptee Rd	Nagpur	Nagpur U (DF)	0.00	0.00	1.25	Aug-14
5	Vita bhatti	Deepak Nagar	Nagpur	Nagpur U (DF)	0.00	0.90	0.00	Aug-14
6	Besa	Nirmal Nagri	Nagpur	Nagpur U (DF)	0.00	0.00	1.40	Jan-15
7	Bazargaon	Masod	Nagpur	Nagpur U	0.00	6.00	0.00	06.01.15
8	Katol	Murthi	Nagpur	Nagpur U	0.00	9.54	1.73	07.05.14
9	Bharsingi	Mohpa	Nagpur	Nagpur U	0.00	18.00	0.00	20.08.14
10	Ghotitok	Aroli	Nagpur	Nagpur U	0.00	26.33	0.00	10.04.14
			<b>Total</b>		<b>0.00</b>	<b>67.67</b>	<b>14.68</b>	<b>CKT-KMS</b>

Sr. No.	Name of Line		District	Name of Zone	Details of 33 KV Line (Length in CKT-KMS)			Date of Energisation
	From	To			Overhead D/C	Overhead S/C	Underground	
1	2	3	4	5	6	7	8	9
	<b><u>AMRAVATI ZONE</u></b>							
1	Dabaki Stn	Shiwaji nagar Stn	Akola	AMRAVATI	0.00	3.80	0.00	06.12.2014
2	Umari (PKV tapping)	ITI Substation	Akola	AMRAVATI	0.00	1.20	0.00	04.12.2014
3	132Kv Risod S/Stn.	33KV Wakad S/Stn.	Washim	AMRAVATI	0.00	13.92	0.00	01.04.2014
4	Tapping on 33KV Malegaon - Kinhiraja line from 132KV Malegaon	Jaulka S/Stn.	Washim	AMRAVATI	0.00	0.10	0.00	17.11.2014
5	132 KV Anjangaon	33 KV Anjangaon	Amravati	AMRAVATI	0.00	2.60	0.00	-
6	132 KV Ladheda	33 KV Bismilla Nagar, Amt	Amravati	AMRAVATI	0.00	3.20	0.00	-
7	132 KV Achalpur	33 KV Achalpur camp	Amravati	AMRAVATI	0.00	2.70	0.00	-
8	220 KV Badnera	33 kv MIDC	Amravati	AMRAVATI	0.00	6.00	0.00	05.03.2015
9	132 KV Ladheda	33 kv Rahatgaon	Amravati	AMRAVATI	0.00	4.00	0.00	-
10	220 KV Badnera	33 kv Badnera NT	Amravati	AMRAVATI	0.00	6.00	0.00	-
11	132 KV Durgwada	33 kv Gaywadi(Daryapur)	Amravati	AMRAVATI	0.00	15.00	0.00	08.09.2014
12	220 KV Dawargaon	33 kv Nandgaon Peth MIDC	Amravati	AMRAVATI	0.00	10.00	0.00	19.12.2014
13	Ganesh nagar S/s	Sagwan S/S	Buldhana	AMRAVATI	0.00	1.71	0.00	02.12.2014
14	220KV S/S	MIDC S/S	Buldhana	AMRAVATI	0.00	5.60	0.00	14.01.2015
15	33 KV APDRP	Salipur	Buldhana	AMRAVATI	0.00	3.50	0.00	24.07.2014
16	220 KV Yavatmal S/stn.	33 KV Godani.	Yavatmal	AMRAVATI	0.00	9.75	0.00	08.01.2015
			<b>Total</b>		<b>0.00</b>	<b>89.08</b>	<b>0.00</b>	<b>CKT-KMS</b>
	<b><u>SUB TOTAL FOR VIDARBH REGION</u></b>		<b>Total</b>		<b>14.50</b>	<b>350.26</b>	<b>14.68</b>	<b>CKT-KMS</b>
	<b><u>TOTAL FOR THE STATE</u></b>				<b>57.92</b>	<b>1402.38</b>	<b>155.01</b>	<b>CKT-KMS</b>

# ANNEXURE-4

## New 33/11 kV Sub-Stations & 22 kV Switching Stations Commissioned during year 2014-2015

### proforma-9

Sr. No.	Name of Sub-Station	Scheme	District	Transformer Capacity in MVA	Date of Commissioning
	<b><u>MARATHWADA REGION:-</u></b>				
	<b><u>AURANGABAD ZONE</u></b>				
1	Kannad (33/11kV Kannad s/stn Kankawati nagar)	RAPDRP	Aurangabad	10.00	01.04.2014
2	Khodkai(Sillod)	RAPDRP	Aurangabad	10.00	11.10.2014
3	33 KV S/S at Motibag Jalna	RAPDRP	Jalna	5.00	19.01.2015
			<b>Total</b>	<b>25.00</b>	<b>MVA</b>
	<b><u>LATUR ZONE</u></b>				
1	33/11 KV Old Power House	RAPDRP	Latur	10.00	25.09.2014
2	33/11 KV Bembali Corner	RAPDRP-B	Osmanabad	5.00	01.09.2014
3	33/11 KV Manoor	RAPDRP	Beed	5.00	21.05.14
4	33/11 KV Waghebhulgaon	P:SI	Beed	5.00	09.06.14
5	33/11 KV Dawakhana	RAPDRP	Beed	5.00	10.07.14
6	33/11 KV Gangamasla	DIS	Beed	5.00	17.08.14
7	33/11 KV Kalratri(Parali)	RAPDRP	Beed	5.00	11.10.14
8	33/11 KV Takaerwan	DIS	Beed	5.00	12.03.15
9	33/11 KV Hiwara	DIS	Beed	5.00	13.03.15
10	33/11 KV Umari	DIS	Beed	5.00	14.03.15
11	33/11 KV Pattiwadgaon	DIS	Beed	5.00	21.03.15
12	33/11 kv Deola	DIS	Beed	5.00	24.03.15
			<b>Total</b>	<b>65.00</b>	<b>MVA</b>
	<b><u>NANDED ZONE</u></b>				
1	33/11 KV Vidyanagar	RAPDRP	Parbhani	5.00	26.06.2014
2	33/11 KV Purna-II	RAPDRP	Parbhani	5.00	15.08.2014
3	33/11 KV Nahad	Backlog	Hingoli	5.00	12.01.2015
			<b>Total</b>	<b>15.00</b>	<b>MVA</b>
<b><u>SUB TOTAL FOR MARATHWADA REGION</u></b>				<b>105.00</b>	<b>MVA</b>

Sr. No.	Name of Sub-Station	Scheme	District	Transformer Capacity in MVA	Date of Commissioning
<b><u>WESTERN MAHARASHTRA REGION:-</u></b>					
<b><u>BHANDUP ZONE</u></b>					
1	22/11 KV Lodha receiving	RAPDRP PART-B	Mumbai	20.00	31.7.13
2	22/11 KV Mahindra Lifesace	RAPDRP PART-B	Mumbai	20.00	30.9.13
3	22/11 KV Runwal	RAPDRP PART-B	Mumbai	20.00	30.9.13
			<b>Total</b>	<b>60.00</b>	<b>MVA</b>
<b><u>PUNE ZONE</u></b>					
1	22/22 KV Mohannagar Switching station	DDF	Pune (Ganeshkhind)	0	Aug-2014
2	22/22KV Margosa Switching Station	DDF	Pune (Rastapeth)	0	01.09.2014
3	22/22KV Atur Switching Station	DDF	Pune (Rastapeth)	0	15.09.2014
4	22/22KV Cavalcade Switching Station	DDF	Pune (Rastapeth)	0	25.10.2014
5	33/11 KV Khodad,Narayangaon	Infra-II	Pune Rural	10	Nov-2014
6	33/11 KV Pimpalwandi,Narayangaon	Infra-II	Pune Rural	5	Oct-2014
			<b>Total</b>	<b>15.00</b>	<b>MVA</b>
<b><u>KOLHAPUR ZONE</u></b>					
1	33/11 KV Bololi Substation	INFRA	Kolhapur	5.00	01.04.2014
2	33/11 Kv Hanumannagar	RAPDRP	Kolhapur	5.00	27.03.2014
			<b>Total</b>	<b>10.00</b>	<b>MVA</b>
<b><u>BARAMATI ZONE</u></b>					
1	33/11 kv Bhatnimgaon	INFRA -II	Pune	5.00	16.03.2015
2	33/11 kv Agoti	INFRA -II	Pune	5.00	22.07.2014
3	33/11 kv Shirshufal	INFRA -II	Pune	5.00	17.10.2014
4	33/11 kv Sangvai	INFRA -II	Pune	5.00	24.06.2014
5	33/11 kv Redni	INFRA -II	Pune	5.00	22.07.2014
6	33/11 kv Gagargaon	INFRA -II	Pune	5.00	10.09.2014
7	33/11 kv Korhale	INFRA -II	Pune	5.00	25.11.2014
8	33/11 kv Nazare	INFRA -II	Pune	10.00	15.01.2015
9	33/22 kv Pimple Jagtpap	INFRA I	Pune	10.00	11.06.2014
10	33/22 kv Nira	INFRA -II	Pune	10.00	02.04.2015

Sr. No.	Name of Sub-Station	Scheme	District	Transformer Capacity in MVA	Date of Commissioning
11	Sadar Bazar-- 33/22	R-APDRP	Satara	10	15.01.2015
12	Tembhurni MIDC	P:SI	Solapur	5	01.06.2014
13	Khandali	P:SI	Solapur	5	01.06.2014
14	Wagholi ( Babulgaon)	P:SI	Solapur	5	22.06.2014
15	Bhambewadi	P:SI	Solapur	5	30.06.2014
16	Pande	P:SI	Solapur	5	28.07.2014
17	Ashti (Kuranwadi)	P:SI	Solapur	5	27.02.2015
			<b>Total</b>	<b>105.00</b>	
	<b><u>KALYAN ZONE</u></b>				
1	33/11 KV Dolharpada	Infra-I	Palghar	10.00	31.03.2015
2	33/11 KV MIDC-5	Infra-I	Palghar	5.00	23.01.2015
3	33/11 KV Tata Housing	DDF	Palghar	10.00	07.03.2015
4	22/22KV New MSEB Colony Sw.Stn.	R-APDRP	Palghar	0.00	Mar-14
5	22/22KV Gauraipada Sw.Stn.	R-APDRP	Palghar	0.00	Mar-14
6	22/22KV Naikpada Sw.Stn.	R-APDRP	Palghar	0.00	Mar-14
7	22/22KV Suncity Sw.Stn.	R-APDRP	Palghar	0.00	Mar-14
8	22/22KV Abitghar Sw.Stn.	R-APDRP	Palghar	0.00	Mar-14
9	22/22KV Coca-Cola Sw.Stn.	R-APDRP	Palghar	0.00	Mar-14
10	22/22KV Global City	R-APDRP	Palghar	0.00	09.08.2014
			<b>Total</b>	<b>25.00</b>	
	<b><u>NASHIK ZONE</u></b>				
1	33/11 Kv Manmad (Waghdardi)	R-APDRP	Nashik (R)	5.00	21.11.2014
2	33/11 Kv Khamgaon	Infra-II	Ahmednagar	5.00	14.02.2015
3	33/11 Kv, Chikhali	Infra-II	Ahmednagar	5.00	02.09.2014
4	33/11 Kv, Mandave	Infra-II	Ahmednagar	5.00	14.10.2014
			<b>Total</b>	<b>20.00</b>	<b>MVA</b>
	<b><u>JALGAON ZONE</u></b>				
1	33/11 KV Nahata s/stn	R APDRP	Jalgaon	15.00	10.02.2015
2	33/11 KV MIDC Chalisgaon	R APDRP	Jalgaon	10.00	10.06.2014
3	33/11 KV Old Power House Chalisgaon	INFRA I	Jalgaon	10.00	10.08.2014

Sr. No.	Name of Sub-Station	Scheme	District	Transformer Capacity in MVA	Date of Commissioning
4	33/11 KV Amalner s/stn	R APDRP	Jalgaon	15.00	06.10.2014
5	33/11 KV Yawal s/stn	R APDRP	Jalgaon	5.00	10.05.2014
6	33/11 KV MIDC Dhule	R APDRP	Dhule	15.00	10.08.2014
7	33/11 KV Dondaicha	R APDRP	Dhule	10.00	15.03.2015
			<b>Total</b>	<b>80.00</b>	<b>MVA</b>
	<b><u>KONKAN ZONE</u></b>				
1	33/11 KV Bhoom S/stn	Infra-I	Ratnagiri	5.00	25.3.2014
2	33/11 KV Harnai S/stn	Infra-I	Ratnagiri	5.00	3.4.2014
			<b>Total</b>	<b>10.00</b>	
<b><u>SUB TOTAL FOR WESTERN MAHARASHTRA REGION</u></b>				<b>325.00</b>	<b>MVA</b>
	<b><u>VIDARBH REGION:-</u></b>				
	<b><u>AMRAVATI ZONE</u></b>				
1	33/11 KV Shiwaji nagar	APDRP	Akola	20.00	06.12.2014
2	33/11 KV ITI	APDRP	Akola	10.00	04.12.2014
3	33KV Wakad S/Stn.	P:SI	Washim	5.00	25.04.2014
4	33Kv Jaulka S/Stn.	P:SI	Washim	5.00	07.11.2014
5	MIDC substation	66 KV Elimination	Amravati	30.00	05.03.2015
6	Anjangaon substation	RAPDRP	Amravati	10.00	13.06.2014
7	Bismilla Nagar substation	RAPDRP	Amravati	5.00	05.08.2014
8	Ach Divn office substation	RAPDRP	Amravati	10.00	08.08.2014
9	Rahatgaon substation	RAPDRP	Amravati	10.00	14.10.2014
10	Badnera NT	RAPDRP	Amravati	10.00	31.01.2014
11	Gaywadi (Daryapur)	R-APDRP Part B	Amravati	5.00	08.09.2014
12	Sagwan s/s	R-APDRP Part B	Buldhana	10.00	02.12.2014
13	MIDC S/S	R-APDRP Part B	Buldhana	15.00	14.01.2015
14	Ganesh nagar	R-APDRP Part B	Buldhana	5.00	13.06.2014
15	33kv Salipura	R-APDRP Part B	Buldhana	10.00	24.07.2014
16	33 KV DARWHA	66 kV Elimination	Yavatmal	10.00	25.07.2014
17	33 KV SARUL	R-APDRP Part 2	Yavatmal	5.00	24.09.2014
18	33 KV BHATAMBA	R-APDRP	Yavatmal	15.00	26.10.2014

Sr. No.	Name of Sub-Station	Scheme	District	Transformer Capacity in MVA	Date of Commissioning
19	33 KV GODANI	R-APDRP	Yavatmal	5.00	02.12.2014
20	33 KV GODANI	R-APDRP	Yavatmal	6.15	01.04.2014
			<b>Total</b>	<b>201.15</b>	<b>MVA</b>
	<b><u>NAGPUR ZONE</u></b>				
1	33kv TPS	66 KV Elimination	Chandrapur	20.00	May-14
2	Katangtola	RAPDRP	Gondia	5.00	31.07.2014
3	Bhimghat	RAPDRP	Gondia	5.00	11.06.2014
4	33/11 KV Hingani S/stn	Infra-I	Wardha	5.00	25.11.2014
5	33/11 KV Dattapur S/stn	Infra-I	Wardha	10.00	04.06.2014
6	33/11 KV Deoli MIDC S/stn	Infra-I	Wardha	10.00	11.07.2014
7	33/11 KV Deurwada	Infra-I	Wardha	5.00	07.10.2014
8	33/11 KV Antora	Infra-I	Wardha	5.00	20.01.2015
9	33/11 KV Gunjkhedra	Infra-I	Wardha	5.00	09.10.2014
10	33/11 KV Tumsar	Infra- I	Bhandara	20.00	10.04.2014
11	33/11 KV Kardha	Infra- I	Bhandara	10.00	05.04.2014
12	33/11 KV Kardha	Infra- I	Bhandara	5.00	05.04.2014
			<b>Total</b>	<b>105.00</b>	<b>MVA</b>
	<b><u>NAGPUR URBAN ZONE</u></b>				
1	33 KV Vrindawan City	DDF 1.3%	Nagpur	5.00	27.11.2014
2	33/11 KV Godrej Anandam	CAPEX OF DF AREA	Nagpur	15.00	04.12.2014
3	33/11 KV Nirmal Nagri	CAPEX OF DF AREA	Nagpur	10.00	01.10.2015
4	33KV/11 KV Ambhora S/Stn	66 KVElimination	Nagpur	10.00	Feb-14
5	33KV/11 KV Mansar S/Stn	66 KVElimination	Nagpur	10.00	Jan-14
6	33KV DCL Stn	66 KVElimination	Nagpur	20.00	Feb-14
7	33KV Murti Substation	Infra -1	Nagpur	5.00	07.03.2014
8	33KV Mohpa Substation	Infra -1	Nagpur	10.00	15.04.2014
9	33KV Masod Substation	Infra -1	Nagpur	5.00	28.01.2015
				<b>90.00</b>	
<b><u>SUB TOTAL FOR VIDARBH REGION</u></b>				<b>396.15</b>	<b>MVA</b>
<b><u>TOTAL FOR THE STATE</u></b>				<b>826.15</b>	<b>MVA</b>



**ANNEXURE-4(a)****proforma-10****Augmentation of Transformer Capacity at 33/11kV & 33/22 kV Sub-Stations during 2014-2015**

Sr. No.	Name of Sub-Station	Scheme	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 Pishor	REC -P:SI	Aurangabad	1.85	23.02.2015	1 X 3.15 MVA to 1 X 5 MVA
2	33/11 KV Aurala	REC -P:SI	Aurangabad	1.85	01.03.2015	1 X 3.15 MVA to 1 X 5 MVA
3	33/11 KV Banoti	REC -P:SI	Aurangabad	1.85	05.03.2015	1 X 3.15 MVA to 1 X 5 MVA
4	33/11 KV Sawladbara	REC -P:SI	Aurangabad	1.85	15.03.2015	1 X 3.15 MVA to 1 X 5 MVA
5	33/11 KV Golegaon	REC -P:SI	Aurangabad	1.85	02.03.2015	1 X 3.15 MVA to 1 X 5 MVA
			<b>Total</b>	<b>9.25</b>	<b>MVA</b>	
<b><u>LATUR ZONE</u></b>						
1	33/11KV Ahmadpur Old	RAPDRP	Latur	5.00	Sep-14	1 X 5 MVA to 1 X 10 MVA
2	33/11kv Deoni	Maintenance	Latur	2.00	Dec-14	1 X 3 MVA to 1 X 5 MVA
3	33/11 KV Lokhandi Sawargaon	Infra-II	Beed	1.85	01.06.2014	1 X 3.15 MVA to 1 X 5 MVA
4	33/11 KV Padoli-N	Infra-II	Osmanabad	5.00	23.12.2014	Additional 1 X 5 MVA
5	33/11 KV Shirala	Infra-II	Osmanabad	5.00	23.12.2014	Additional 1 X 5 MVA
6	33/11 KV Yeoti	Infra-II	Osmanabad	5.00	02.02.2015	Additional 1 X 5 MVA
7	33/11 KV Walwad	Infra-II	Osmanabad	5.00	17.11.2014	Additional 1 X 5 MVA
8	33/11 KV Dahiphah	Infra-II	Osmanabad	5.00	24.11.2014	Additional 1 X 5 MVA
9	33/11 KV Amarai	RAPDRP-B	Osmanabad	5.00	01.07.2014	Additional 1 X 5 MVA
			<b>Total</b>	<b>38.85</b>	<b>MVA</b>	
<b><u>NANDED ZONE</u></b>						
1	33/11 KV CRC Nanded	RAPDRP	Nanded	5.00	15.08.2014	1 X 5 MVA to 1 X 10 MVA
			<b>Total</b>	<b>5.00</b>	<b>MVA</b>	
<b><u>SUB TOTAL OF MARATHWADA REGION</u></b>				<b>53.10</b>	<b>MVA</b>	
<b><u>WESTERN MAHARASHTRA REGION:-</u></b>						
<b><u>BHANDUP ZONE</u></b>						
1	22/11 kv Lokpriya	RAPDRP Part-B	Mumbai	10.00	26.06.14	Additional 1x10 MVA
2	22/11kv Haryali	RAPDRP Part-B	Mumbai	10.00	01.07.14	Additional 1x10 MVA
3	22/11 KV Sarvodaya	RAPDRP	Mumbai	10.00	21.11.14	Additional 1x10 MVA
4	22/11 KV BEST	RAPDRP	Mumbai	10.00	12.11.14	Additional 1x10 MVA
5	22/11KV Walmiki S/s	RAPDRP	Thane	10.00	01.04.14	Additional 1x10 MVA
			<b>Total</b>	<b>50.00</b>	<b>MVA</b>	

Sr. No.	Name of Sub-Station	Scheme	District	Transformer Capacity added in MVA	Date of Commissioning	Remark
	<b><u>PUNE ZONE</u></b>					
1	33/11 KV Savargaon	Infra II	Pune	5.00	09.12.2014	Additional 1x5 MVA
2	33/11 KV Umbraj	Infra II	Pune	5.00	30.04.2014	Additional 1x5 MVA
3	33/11 KV Pargaon	Infra II	Pune	5.00	14.09.2014	Additional 1x5 MVA
4	33/11 KN Nimgan SEZ	1.3% DDF	Pune	5.00	Apr-14	Additional 1x5 MVA
			<b>Total</b>	<b>20.00</b>	<b>MVA</b>	
	<b><u>KALYAN ZONE</u></b>					
	<b><u>KONKAN ZONE</u></b>					
1	33/11 KV Abloli	Infra-II	Ratnagiri	1.85	05.02.2015	1 X 3.15 MVA to 1 X 5 MVA
			<b>Total</b>	<b>1.85</b>	<b>MVA</b>	
	<b><u>KOLHAPUR ZONE</u></b>					
1	33/11 Kabnoor	RAPDRP	Kolhapur	6.85	17.3.2015	1 X 3.15 MVA to 1 X 10 MVA
2	33 /11 Kv Tilwani	RAPDRP	Kolhapur	5.00	3.11.2014	1 X 5 MVA to 1 X 10 MVA
3	33/11 KV K Sangaon SSK	Infra-2	Kolhapur	5.00	10.2.2015	Additional 1x5 MVA
4	33/11 KV Kowad	Infra-2	Kolhapur	5.00	14.09.2014	Additional 1x5 MVA
5	33/11 KV Bhadgaon	Infra-2	Kolhapur	5.00	3.02.2015	Additional 1x5 MVA
6	33/11 KV Adkur	Infra-2	Kolhapur	5.00	13.09.2014	Additional 1x5 MVA
7	33/11 KV Parvati Ind Estate	Infra-2	Kolhapur	5.00	3.06.2014	Additional 1x5 MVA
8	33/11 KV Manerajuri	Infra-2	Sangli	1.85	27.08.2014	1 X 3.15 MVA to 1 X 5 MVA
9	33/11 KV Palus	Infra-2	Sangli	5.00	18.02.2015	1 X 5 MVA to 1 X 10 MVA
10	33/11 KV Burangwadi	Infra-2	Sangli	5.00	10.02.2015	1 X 5 MVA to 1 X 10 MVA
11	33/11 KV Kadegoan	Infra-2	Sangli	10.00	21.01.2015	Additional 1x10 MVA
12	33/11 KV Kanadwadi	Infra-2	Sangli	5.00	15.02.2015	Additional 1x5 MVA
13	33/11 KV Belawade	Infra-2	Sangli	5.00	31.07.2014	Additional 1x5 MVA
14	33/11 KV Sasndgewadi	Infra-2	Sangli	5.00	01.12.2014	Additional 1x5 MVA
15	33/11 KV Kawalge	Infra-2	Sangli	5.00	27.01.2015	Additional 1x5 MVA
16	33/11 KV Karve	Infra-2	Sangli	5.00	17.03.2015	Additional 1x5 MVA
			<b>Total</b>	<b>83.70</b>	<b>MVA</b>	

Sr. No.	Name of Sub-Station	Scheme	District	Transformer Capacity added in MVA	Date of Commissioning	Remark
	<b><u>BARAMATI ZONE</u></b>					
1	33/11 kv Warwand	R&M	Pune	5.00	18.05.2014	1 X 5 MVA to 1 X10 MVA
2	33/22/11KV MIDC	Infra-II	Satara	1.85	07.05.2014	1 X 3.15 MVA to 1 X 5 MVA
3	33/22 KV Tapola	Infra-II	Satara	3.00	20.06.2014	1 X 2 MVA to 1 X 5 MVA
4	33/22 KV Barad Sub Stn.	Infra-II	Satara	5.00	23.12.2014	1 X 5 MVA to 1 X10 MVA
5	Surdi	Infra-II	Solapur	5.00	04.08.2014	1 X 5 MVA to 1 X10 MVA
6	Darphal	Infra-II	Solapur	5.00	07.07.2014	1 X 5 MVA to 1 X10 MVA
7	Chikarde	Infra-II	Solapur	5.00	08.08.2014	1 X 5 MVA to 1 X10 MVA
8	Umrad	Infra-II	Solapur	5.00	06.08.2014	1 X 5 MVA to 1 X10 MVA
9	Kumbhari	Infra-II	Solapur	5.00	25.08.2014	1 X 5 MVA to 1 X10 MVA
10	Andhalgaon	Infra-II	Solapur	1.85	08.05.2014	1 X 3.15 MVA to 1 X 5 MVA
11	Borale	Infra-II	Solapur	1.85	01.05.2014	1 X 3.15 MVA to 1 X 5 MVA
12	Narkhed	Infra-II	Solapur	5.00	08.09.2014	Additional 1x5 MVA
13	Umbare Velapur	Infra-II	Solapur	5.00	04.12.2014	1 X 5 MVA to 1 X10 MVA
14	Khudus	Infra-II	Solapur	5.00	08.12.2014	1 X 5 MVA to 1 X10 MVA
15	Kachrewadi	Infra-II	Solapur	5.00	08.12.2014	1 X 5 MVA to 1 X10 MVA
16	Ule	Infra-II	Solapur	5.00	11.12.2014	1 X 5 MVA to 1 X10 MVA
17	Borgaon	Infra-II	Solapur	5.00	14.12.2014	1 X 5 MVA to 1 X10 MVA
18	Padsali	Infra-II	Solapur	5.00	19.12.2014	1 X 5 MVA to 1 X10 MVA
19	Alegaon	Infra-II	Solapur	5.00	21.12.2014	1 X 5 MVA to 1 X10 MVA
20	Yeshwantnagar	Infra-II	Solapur	1.85	31.12.2014	1 X 3.15 MVA to 1 X 5 MVA
21	Vizori	Infra-II	Solapur	1.85	31.12.2014	1 X 3.15 MVA to 1 X 5 MVA
			<b>Total</b>	<b>87.25</b>		
	<b><u>NASHIK ZONE</u></b>					
1	33/11 KV Wadali Bhoi	INRA II	Nashik (R)	2.00	13.09.2014	Agumentation
2	33/11 KV Sayane	O&M	Nashik (R)	1.85	17.04.2014	Agumentation due to failure of 3.15 MVA
3	33/11 KV Otur	Infra II	Nashik (R)	2.00	30.10.2014	Agumentation
4	33/11 KV Mulher	Infra II	Nashik (R)	1.85	21.10.2014	Agumentation
5	33/11 Vehelgaon	Infra II	Nashik (R)	2.00	28.04.2014	Agumentation
6	33/11 Vehelgaon	Infra II	Nashik (R)	2.00	21.11.2014	Agumentation
7	33/11Kv Khadkawadi	INFRA-II	Ahmednagar	1.85	25.02.2015	Agumentation
8	33/11Kv Shirasgaon	INFRA-II	Ahmednagar	1.85	7.08.2014	Agumentation
9	33/11Kv Shirasgaon	INFRA-II	Ahmednagar	2.00	18.10.2014	Agumentation
10	33/11Kv Shevgaon	INFRA-II	Ahmednagar	2.00	10.12.2014	Agumentation

Sr. No.	Name of Sub-Station	Scheme	District	Transformer Capacity added in MVA	Date of Commissioning	Remark
11	33/11Kv Balamtakali	INFRA-II	Ahmednagar	1.85	22.08.2014	Agumentation
12	33/11Kv Pimpare	INFRA-II	Ahmednagar	1.85	26.07.2014	Agumentation
13	33/11Kv Sangamner	INFRA-II	Ahmednagar	1.85	28.04.2014	Agumentation
14	33/11Kv Kohane	INFRA-II	Ahmednagar	1.85	01.07.2014	Agumentation
15	33/11Kv Bbulgaon	REC	Ahmednagar	1.85	1.10.2014	Agumentation
16	33/11Kv Dadh	REC	Ahmednagar	1.85	15.09.2014	Agumentation
17	33/11Kv Wakadi	REC	Ahmednagar	1.85	31.10.2014	Agumentation
			<b>Total</b>	<b>32.35</b>	<b>MVA</b>	
	<b><u>JALGAON ZONE</u></b>					
1	33/11 KV Chorvad	O&M	Jalgaon	5.00	10.11.2014	Agumentation
2	33/11 KV Erandol	R APDRP	Jalgaon	5.00	28.04.2014	Additional 1 X 5 MVA
3	33/11 KV Pimpalgaon	O&M	Jalgaon	3.15	04.02.2015	Additional 1 X 3.15 MVA
4	33/11 KV Neharunagar	R APDRP	Nandurbar	5.00	10.10.2014	1 X 5 MVA to 1 X 10 MVA
5	**		Nandurbar	10.00		Additional 1 X 10 MVA
6	**		Nandurbar	5.00		Additional 1 X 5 MVA
7	**		Nandurbar	5.00		Additional 1 X 5 MVA
8	**		Nandurbar	5.00		Additional 1 X 5 MVA
9	**		Nandurbar	5.00		Additional 1 X 5 MVA
10	**		Nandurbar	5.00		Additional 1 X 5 MVA
11	**		Nandurbar	3.15		Additional 1 X 3.15 MVA
12	**		Nandurbar	1.15		1 X 2 MVA to 1 X 3.15 MVA
			<b>Total</b>	<b>57.45</b>	<b>MVA</b>	
** Jalgaon Zone shown 7 additional and 1 Aug Xmer actually commissioned previously but were not counted in AAR.						
	<b><u>SUB TOTAL OF WESTERN MAHARASHTRA REGION</u></b>			<b>332.60</b>	<b>MVA</b>	
	<b><u>VIDARBH REGION:-</u></b>					
	<b><u>AMRAVATI ZONE</u></b>					
	<b><u>NAGPUR ZONE</u></b>					
1	33/11 KV Korchi	Maintainance	Gadchiroli	1.65	20.05.2014	1 X 1.5 MVA to 1 X 3.15 MVA
2	33/11 KV Kandli	Infra-II	Wardha	1.85	18.12.2014	1 X 3.15 MVA to 1 X 5 MVA
			<b>Total</b>	<b>3.50</b>	<b>MVA</b>	
	<b><u>NAGPUR URBAN ZONE</u></b>					
1	Pachgaon	Infra	Nagpur	5.00	10.11.2014	1 X 5 MVA to 1 X 10 MVA
2	Kamptee( Dragon Palace)	RAPDRP	Nagpur	5.00	27.01.2014	1 X 5 MVA to 1 X 10 MVA
			<b>Total</b>	<b>10.00</b>		
	<b><u>SUB TOTAL OF VIDARBH REGION</u></b>			<b>13.50</b>	<b>MVA</b>	
	<b>TOTAL FOR THE STATE</b>			<b>399.20</b>	<b>MVA</b>	

# ANNEXURE - 11

## TRANSMISSION LINES (11 KV & ABOVE)

Line Volt in kV	No. of Ckts	Length in Ckt-Kms		
		As on	During	As on
		31.3.2014	2014-15	31.3.2015
<b>Overhead Lines</b>				
33 kV	1	37422.23	694.83	38117.05
	2	1266.93	21.14	1288.07
22 kV	1	28135.36	529.06	28664.42
	2	614.26	41.28	655.53
11 kV	1	258055.01	7963.30	266018.31
	2	357.16	26.00	383.16
<b>Underground Cables</b>				
33 kV	1	671.30	36.61	707.91
22 kV	1	2393.91	211.53	2605.44
11 kV	1	3478.82	215.80	3694.62
<b>Total</b>		<b>332394.96</b>	<b>9739.54</b>	<b>342134.51</b>

## 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 31.3.2014	During 2014-2015	As on 31.3.2015
1	WESTERN MAHARASHTRA	<b>Overhead Lines</b>				
		33 kV	1	19224.32	244.13	19468.45
			2	977.19	0.00	977.19
		22 kV	1	28135.36	529.06	28664.42
			2	614.26	41.28	655.53
		11 kV	1	118434.78	4200.11	122634.89
			2	170.46	0.00	170.46
		<b>Underground Cables</b>				
		33 kV	1	285.95	5.13	291.08
		22 kV	1	2393.91	211.53	2605.44
		11 kV	1	2375.89	159.26	2535.15
		<b>Total</b>		<b>172612.10</b>	<b>5390.50</b>	<b>178002.60</b>
2	MARATHWADA	<b>Overhead Lines</b>				
		33 kV	1	9713.63	105.43	9819.07
			2	127.42	6.64	134.06
		22 kV	1	0.00	0.00	0.00
			2	0.00	0.00	0.00
		11 kV	1	70573.67	1070.08	71643.75
			2	75.71	1.50	77.21
		<b>Underground Cables</b>				
		33 kV	1	53.48	3.75	57.23
		22 kV	1	0.00	0.00	0.00
		11 kV	1	133.84	7.10	140.94
		<b>Total</b>		<b>80677.75</b>	<b>1194.50</b>	<b>81872.26</b>
		3	VIDARBHA	<b>Overhead Lines</b>		
33 kV	1			8484.28	345.26	8829.54
	2			162.32	14.50	176.82
22 kV	1			0.00	0.00	0.00
	2			0.00	0.00	0.00
11 kV	1			69046.57	2693.11	71739.67
	2			110.99	24.50	135.49
<b>Underground Cables</b>						
33 kV	1			331.87	27.73	359.60
22 kV	1			0.00	0.00	0.00
11 kV	1			969.09	49.44	1018.53
<b>Total</b>				<b>79105.11</b>	<b>3154.54</b>	<b>82259.65</b>

## ANNEXURE - 13

### DISTRIBUTION LINES ( BELOW 11 kV ) 2014-2015

Sr. No.	Region	Length in Ckt-kms		
		As on 31.3.2014	During 2014-2015	As on 31.3.2015
<b>Overhead</b>				
1	Western Maharashtra	288114.00	7083.42	295197.42
2	Marathwada	140396.18	3070.77	143466.95
3	Vidarbha	154694.39	3378.38	158072.78
	<b>Total</b>	<b>583204.57</b>	<b>13532.57</b>	<b>596737.15</b>
<b>Underground</b>				
1	Western Maharashtra	9312.71	530.83	9843.54
2	Marathwada	65.80	3.10	68.90
3	Vidarbha	965.05	42.19	1007.24
	<b>Total</b>	<b>10343.56</b>	<b>576.12</b>	<b>10919.68</b>
<b>Total (OH+UG)</b>				
1	Western Maharashtra	297426.71	7614.247	305040.96
2	Marathwada	140461.98	3073.865	143535.84
3	Vidarbha	155659.44	3420.577	159080.02
	<b>Total</b>	<b>593548.13</b>	<b>14108.689</b>	<b>607656.82</b>

## ANNEXURE - 14

### TRANSFORMATION CAPACITY IN SERVICE 2014-2015

Sr. No.	Region	TRANSFORMATION CAPACITY IN SERVICE (IN MVA)					
		As on 31.3.2013		During 2014-2015		As on 31.3.2015	
		Below 11 kV	11 kV & Above	Below 11 kV	11 kV & Above	Below 11 kV	11 kV & Above
1	Western Maharashtra	30278.90	14654.10	2562.75	1096.20	32841.65	15750.30
2	Marathwada	8161.31	5448.00	406.22	195.20	8567.53	5643.20
3	Vidarbha	7187.48	5002.95	410.08	480.05	7597.56	5483.00
	<b>Total</b>	<b>45627.69</b>	<b>25105.05</b>	<b>3379.05</b>	<b>1771.45</b>	<b>49006.74</b>	<b>26876.50</b>



## **ANNEXURE 28**

### **VILLAGES ELECTRIFIED DURING 2014-2015**

As per 2011 census 40959 inhabited villages in the state out of which 40897 villages are electrified as on 31/03/2015 as per revised definition of Village Electrification. During the year 2014-15, 4 nos. of villages are electrified.

## ANNEXURE-29

**Zonewise abstract of number of places electrified & 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 31.3.2014 including Licensees Figures		Achievement during the year 2014-2015 by MSEDCL		As on 31.3.2015 including Licensees Figures		% of places electrified
		No. of villages electrified 2011 Census	No. of Pumps energised	No. of villages electrified 2011 Census	No. of Pumps energised	No. of villages electrified 2011 Census	No. of Pumps energised	
1	2	3	4	5	6	7	8	9
1.	Gr. Bombay	0	-	-	-	-	-	
2.	Thane	1698	19,480	3	1180	1701	20,660	99.82
3.	Raigad	1856	14,544		855	1856	15,399	99.78
<b>KALYAN ZONE</b>		<b>3554</b>	<b>34024</b>	<b>3</b>	<b>2035</b>	3557	36,059	99.80
4.	Ratnagiri	1531	14,537		737	1531	15,274	100.00
5.	Sindhudurg	740	19,605		819	740	20,424	100.00
<b>KOKAN ZONE</b>		<b>2271</b>	<b>34142</b>	<b>0</b>	<b>1556</b>	2271	35,698	100.00
6.	Nasik	1919	2,99,316		5367	1919	3,04,683	100.00
10.	Ahmednagar	1581	3,44,493		6494	1581	3,50,987	100.00
<b>NASIK ZONE</b>		<b>3500</b>	<b>643809</b>	<b>0</b>	<b>11861</b>	3500	6,55,670	100.00
7.	Dhule	674	80,522		3894	674	84,416	100.00
8.	Nandurbar	912	43,169		3409	912	46,578	98.06
9.	Jalgaon	1485	1,87,631		2504	1485	1,90,135	99.87
<b>JALGAON ZONE</b>		<b>3071</b>	<b>311322</b>	<b>0</b>	<b>9807</b>	3071	3,21,129	99.35
11.	Pune	1852	2,55,022		8529	1852	2,63,551	100.00
<b>PUNE ZONE</b>		<b>1852</b>	<b>255022</b>	<b>0</b>	<b>8529</b>	1852	2,63,551	100.00
12.	Satara	1719	1,46,349		9212	1719	1,55,561	100.00
14.	Solapur	1143	3,25,657		13933	1143	3,39,590	100.00
<b>BARAMATI ZONE</b>		<b>2862</b>	<b>472006</b>	<b>0</b>	<b>23145</b>	2862	4,95,151	100.00
13.	Sangli	725	1,89,737		9117	725	1,98,854	100.00
15.	Kolhapur	1194	1,14,111	1	5839	1195	1,19,950	100.08
<b>KOLHAPUR ZONE</b>		<b>1919</b>	<b>303848</b>	<b>1</b>	<b>14956</b>	1920	3,18,804	100.00
16.	Aurangabad	1314	2,00,777		8346	1314	2,09,123	100.00
17.	Jalna	958	1,03,926		5847	958	1,09,773	100.00
<b>AURANGABAD ZONE</b>		<b>2272</b>	<b>304703</b>	<b>0</b>	<b>14193</b>	2272	3,18,896	100.00
18.	Parbhani	830	83,252		3517	830	86,769	100.00
19.	Hingoli	675	60,786		4224	675	65,010	100.00
20.	Nanded	1541	1,05,809		11999	1541	1,17,808	100.00
<b>NANDED ZONE</b>		<b>3046</b>	<b>249847</b>	<b>0</b>	<b>19740</b>	3046	2,69,587	100.00
21.	Beed	1357	1,53,663		6177	1357	1,59,840	100.00
22.	Osmanabad	728	1,31,697		5133	728	1,36,830	100.00
23.	Latur	928	1,10,986		4170	928	1,15,156	100.00
<b>LATUR ZONE</b>		<b>3013</b>	<b>396346</b>	<b>0</b>	<b>15480</b>	3013	4,11,826	100.00
24.	Buldhana	1296	1,29,092		3716	1296	1,32,808	99.69
25.	Akola	863	44,781		1592	863	46,373	99.88
26.	Washim	689	45,015		1023	689	46,038	98.71
27.	Amravati	1637	1,03,246		3284	1637	1,06,530	100.00
28.	Yeotmal	1853	90,271		2081	1853	92,352	100.00
<b>AKOLA ZONE</b>		<b>6338</b>	<b>412405</b>	<b>0</b>	<b>11696</b>	6338	4,24,101	99.78
29.	Wardha	973	56,232		2503	973	58,735	100.00
31.	Bhandara	771	33,777		2759	771	36,536	100.00
32.	Gondia	883	20,385		2095	883	22,480	100.00
33.	Chandrapur	1463	33,653		3398	1463	37,051	100.00
34.	Gadchiroli	1490	9,134		2072	1490	11,206	98.74
<b>NAGPUR ZONE</b>		<b>5580</b>	<b>153181</b>	<b>0</b>	<b>12827</b>	5580	1,66,008	99.66
<b>NAGPUR U ZONE</b>		<b>1615</b>	<b>77,245</b>		<b>2168</b>	1615	79,413	99.88
<b>TOTAL FOR STATE</b>		<b>40893</b>	<b>3647900</b>	<b>4</b>	<b>147993</b>	<b>40897</b>	<b>3795893</b>	<b>99.85</b>

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.**

**33 kV & 22 kV SUB-STATIONS IN MSEDC LTD. AS ON 31.03.15**

<b>Sr. No.</b>	<b>Name of the District</b>	<b>33 kV &amp; 22 kV s/s as on 31.03.14</b>	<b>Added during 2014-15</b>	<b>33 kV &amp; 22 kV s/s as on 31.03.15</b>
1	2	3	4	5=3+4
1.	Gr.Mumbai	18	3	21
2.	Thane	112	0	112
3.	Raigad	35	0	35
4.	Palghar	0	10	10
5.	Ratnagiri	40	2	42
6.	Sindhudurg	24	0	24
7	Nasik	186	1	187
8.	Dhule	55	2	57
9.	Nandurbar	44	0	44
10.	Jalgaon	131	5	136
11.	Ahmednagar	151	3	154
12.	Pune	242	16	258
13.	Satara	74	1	75
14.	Sangli	117	0	117
15.	Solapur	186	6	192
16.	Kolhapur	109	2	111
17.	Aurangabad	109	2	111
18.	Jalna	71	1	72
19.	Parbhani	69	2	71
20.	Hingoli	50	1	51
21.	Nanded	106	0	106
22.	Beed	121	10	131
23.	Osmanabad	85	1	86
24.	Latur	102	1	103
25.	Buldhana	86	4	90
26.	Akola	49	2	51
27.	Washim	36	2	38
28.	Amravati	69	7	76
29.	Yeotmal	83	5	88
30.	Nagpur	87	9	96
31.	Wardha	43	6	49
32.	Bhandara	29	3	32
33.	Gondia	25	2	27
34.	Chandrapur	48	1	49
35	Gadchiroli	23	0	23
<b>TOTAL FOR STATE</b>		<b>2815</b>	<b>110</b>	<b>2925</b>