



ANNUAL ADMINISTRATION REPORT



FY-2013-14

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EXECUTIVE SUMMARY OF AAR-2013-14

New Sub-stations & Switching Stations as on March-2014			
Voltage Level	As on 31.03.2013	Added During 2013-14	As on 31.03.2014
33/11 KV Substion	2416	104	2520
33/22 KV Substion	41	0	41
22/11 KV Substion	107	8	115
22 KV Switching Station	112	21	133
11 KV Switching Station	4	2	6
Total	2680	135	2815

Total Power Transformer as on March-2014						
Voltage Level	As on 31.03.2013		Added During 2013-14		As on 31.03.2014	
	Nos.	Capacity (In MVA)	Nos.	Capacity (In MVA)	Nos.	Capacity (In MVA)
33/11 KV	4073	21375	159	1075	4232	22450
33/22 KV	70	475	2	10	72	485
22/11 KV	211	2008	16	163	227	2171
Total	4354	23857	177	1248	4531	25105

Total Distribution Transformer as on March-2014						
Voltage Level	As on 31.03.2013		Added During 2013-14		As on 31.03.2014	
	Nos.	Capacity (In MVA)	Nos.	Capacity (In MVA)	Nos.	Capacity (In MVA)
3 Ø 33/0.415 KV	13	1	-3	0	10	1
3 Ø 22/0.415 KV	53041	9356	-3363	187	49678	9543
3 Ø 11/0.415 KV	342884	32292	20193	2017	363077	34308
1 Ø 11/0.240 kV	75828	1662	4973	113	80801	1775
Total	471766	43311	21800	2317	493566	45628



EXECUTIVE SUMMARY OF AAR-2013-14

Total Distribution Line network as on March-2014						
Voltage Level	As on 31.03.2013		Added During 2013-14		As on 31.03.2014	
	OH	UG	OH	UG	OH	UG
33 KV	37801	470	888	202	38689	671
22 KV	28148	2128	602	266	28750	2394
11 KV	253280	3147	5132	332	258412	3479
415 V & Below	571318	9687	11886	657	583205	10344
Total	890548	15431	18508	1457	909056	16888

Note: OH- Overhead UG-Underground

BRIEF PROGRESS OF VARIOUS SCHEMES

1. 33 kV and 22 kV lines and sub-stations commissioned during 2013-14

During the year 2012-2013 the M. S. E. D C. Ltd. commissioned 112 new (33/11kV, 33/22 KV & 22/11 kV) Sub-Stations and 23 Nos of new 22/22 kV, 11/11 kV Switching Stations. The transformer capacities have also been augmented at 55 existing 33, 22 kV Sub-Stations during the year under system improvement scheme, APDRP, Backlog & Infrastrucuter Plan Project.

Sr.No.	Particulars	AchievementDuring 2013-14
1	Capacity added in S/Stn.33/11 kV,33/22 kV and 22/11 kV	1248
2	Sub-transmission lines energized 33 kV, 22 kV	1958-km

2. System Improvement Schemes :

In order to reduce the distribution losses 112 nos. of new substations & 23 Nos of new switching stations are added during year 2013-14 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.

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%.

i. 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 will be 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 GoI is routed through financial institutions for the respective schemes funded by them.

ii. 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.

iii. 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 31.03.2014 is Rs 194.06 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
- The GIS works completed in 116 towns
- Centralized Customer Care Center at Bhandup is in operation since Dec -2011
- Data Center Ready and 95 towns integrated to Data Center
- All the software modules live and are being utilized by the field officers
- 104 towns Declared as go-Live upto April'14.

iv. 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
- Initial Survey Completed. SCADA Control centers Civil Work in progress. Inspection of SCADA Components carried out.
- The Expenditure of SCADA (Part A) as on 31.03.2014 is Rs. 15.59 Crs

v. SCADA Part B :

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 31.03.2014 is Rs. 0.46 Crs

vi. 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 date of Completion of Project Work is 24 months from the date of LoA.

- The Expenditure of RAPDRP Part B as on 31.03.2014 is Rs. 783.71 Crs

The achievements upto April'14 are as given below:

Sr No	Activities	unit	Freezed Quantity	Target upto Apr '14	Commissioned
1	New Substations	Nos	143	131	60
2	Aug Of Power Transformer	Nos	28	28	27
3	Add of Power Transformer	Nos	29	27	15
4	H.T Overhead Line	Kms	2467.02	2430.02	546.92
5	H.T. Underground Line	Kms	1337.01	1234.81	357.1
6	L.T. Overhead Line	Kms	1327.257	1307.255	331.99
7	L.T. Underground Line	Kms	1673.12	1634.12	446.5
8	New Dist.T/F HVDS	Nos	6857	6777	3060
9	Aug of Dist Transformer	Nos	3424	3397	2797
10	Upgradation of HT line	Kms	1007.8	995.14	226.139
11	Upgradation of LT line	Kms	1285.05	1278.6	327.96
12	HT O/H line to U/G cable (Conversion)	Kms	163.15	157.15	96.01
13	LT O/H line to U/G cable (Conversion)	Kms	1192.17	1114.78	358.182
14	Augmentation of LT line	Kms	603	603	199.03

b. Infrastructure Plan

Execution of Infrastructure projects was partly departmentally (Urgent Six Months work) and partly on turnkey basis. The **expenditure** incurred under **Infrastructure Plan scheme** is:

FY 2008-09	: Rs. 380.15 Cr.
FY 2009-10	: Rs. 936.14 Cr.
FY 2010-11	: Rs. 3788.92 Cr.
FY 2011-12	: Rs. 3415.22 Cr.
FY 2013-14	: Rs. 1435.76 Cr.
FY 2013-14	: Rs. 753.81 Cr.

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 March' 2014
1	New Substation	Nos.	30	602
2	Augmentation of Power T/F	Nos.	84	381
3	Additional Power T/F	Nos.	46	502
4	HT Lines	Kms.	1613	44166
5	LT Lines	Kms.	871	12160
6	New Distribution Transformer	Nos.	2964	68351

c. 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 31.03.2014 are as given below.

Sr.No.	Details	SPP-III		SPP Left-out	
		T	A	T	A
1	No. of DPS	5150	4974	6749	6424
2	No. of Villages covered	2325	1880	1195	1105
3	No. of Wadies covered	1841	2477	3284	3043
4	Expenditure upto March 2014 (Rs. In Crores)	204.9	177.56	268	232

- T= Target, A= Achievement

d. 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 as on March 2014.

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 381 nos. of villages out of which 328 No. of villages are benefited as on March 2014.

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 1008 feeders, 3601 nos. of villages and load management envisaged is of 628 MW. As on March 2014, the Scheme has benefited 2691 No. of Villages and Load relief of 362 MW is achieved. Balance work of the Scheme is in progress.

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 March 2014, the Scheme has benefited 84 No. of Villages and Load relief of 38 MW is achieved. Balance work of the Scheme is in progress.

The Brief Summary of progress GFSS Projects till 31.03.2014 is as follows:

Sr No.	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	9596	9596	8413	8254	2182	1797	8558	5989	488	155
2	No. of villages covered	6932	6932	7005	6775	381	328	3386	2691	176	84
3	Expenditure upto March-2014 (Rs. In Crores)	895	815.8	1006	950	231	212	721	655	87.43	23

- Target, A= Achievement.

e. 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

f. Reactive Power Planning for reducing T&D losses :

There are 2101 MVAR capacitor banks installed in various Substations & 2676.5 MVAR Line capacitors are installed on feeders as on 31.03.2014. Similarly the capacitors provided on distribution transformer centers are totaling 45314 KVAR. The MVAR added at HV level during FY-2013-14 is 246.68 MVAR.

g. 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 :

Wind Mill generators are installed at Satara , Sangli , Ahmadnagar , Dhule, Nandurbar , Nashik , Beed etc. by the Private Agencies (Developers) and MEDA. As per MERC Order 24.11.2003 and the Company's policy, the Wind farm developers have commissioned (Sale to MSEDCL) a total capacity of 4079.66 MW upto Mar. 2014.

Group I Projects commissioned upto 27.12.1999 is 28.135 MW

Group II Projects commissioned after 28.12.1999 upto 31.03.2003 is 370.03 MW

Group III Projects commissioned after 1.04.2003 upto 31.03.2010 is 759 MW

Group IV projects Commissioned after 01.04.2010 upto Mar 2013 is 2922.49 MW

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.

As such, MSEDCL has executed EPA's with installed generation capacity to the tune of 1396 MW as on 31.03.2014 out of which the projects

commissioned in the F.Y. 2013-14 is 289.05 MW. The total commissioned capacity as on 31.03.2014 is 1241 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 :

Seventeen EPA's were executed involving installed capacity generation to the tune of 181 MW. The installed generation capacity in operation for sale to MSEDCL upto 31.03.2014 is 127 MW and the New projects commissioned in the F.Y. 2013-14 is NIL.

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 of private and Govt. owned small hydro projects upto 31.03.2014 is 63.375 MW out of which the projects commissioned in F.Y. 2013-14 is 4.9 MW. The total commissioned capacity as on 31.03.2014 is 60.975 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 277 MW for meeting solar RPO target. As on 31.03.2014 the commissioned capacity of the solar projects selling power on long term basis to MSEDCL is 152 MW.

h. RURAL ELECTRIFICATION 2013-14 :

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 1,24,769 agricultural pumpsets during the year 2013-14. With the implementation of this programme, total pumpsets energized in the State are 40, 42,654 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 12145 agricultural pumpsets in tribal sub-plan area during 2013-14 bringing the total no. of pumpsets energized in tribal sub-plan area to 1,55,059.

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 2013-2014 a total of 17,258 such connections have been released, out of which 10,955 pertains to Scheduled Castes and Nav Buddhists. So far a total of 17, 38,205 connections have been released to these five categories, out of which 10, 03,629 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 Xth plan RGGVY scheme, four schemes for four districts were sanctioned by MoP and approved the grant of Rs.86.24 Crore. Xth Plan schemes are completed in March 2010.

Under XIth plan RGGVY scheme, 30 schemes for 29 districts are sanctioned by MoP and approved the grant of Rs. 729.66 Crore. XIth 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 XIth plan RGGVY scheme.

One Supplementary Scheme under XIth plan RGGVY scheme for Solapur District is sanctioned by MoP for amount of Rs. 33.64 Crore. The works under this scheme are in progress. This scheme will be completed by July 2014.

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

1.	Total Districts	-	33 Nos.
2.	Total Projects (X th + XI th + Supplementary XI th 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 freezeed for connection purpose in RGGVY Scheme (X th + XI th Plan)	-	11,84,415 Nos.
9.	Total No. of Unelectrified BPL Households covered for connection purpose in Supplementary XI th Plan RGGVY Scheme	-	19279 Nos.
10	Freezed Coverage for Basic Infrastructure (X th + XI th 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 th 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 (Xth & XIth + Supplementary XIth Plan) As on Dt. 31.03.2014

1.	MoP sanctioned cost		
	a) Under X th Plan	-	Rs. 86.24 Cr.
	b) Under XI th Plan	-	Rs. 729.66 Cr.
	c) Under Supplementary XI th Plan		Rs. 33.64 Cr.
2.	Total funds received towards RGGVY Scheme (X th + XI th + Suppl. XI th Plan)	-	Rs. 595.46 Cr.
3	Total expenditure incurred under X th Plan RGGVY Scheme as per Closure submitted to REC		Rs. 98.76 Cr.
4.	Final project cost approved by REC under X th Plan RGGVY Scheme as per closure	-	Rs. 86.48 Cr.
5.	Total expenditure incurred under XI th Plan RGGVY Scheme as per Closure submitted to REC		Rs. 603.13 Cr.
6	Final project cost approved by REC under XI th Plan RGGVY Scheme as per closure		Rs.576.72 Cr.
7.	Total expenditure incurred under Suppl. XI th Plan RGGVY Scheme as per Physical Progress		Rs. 11.78 Cr.
8.	Total No. BPL Connections released under X th Plan	-	2,08,501 Nos.
9.	Total No. BPL Connections released under XI th Plan	-	9,88,096 Nos.
10.	Total No. BPL Connections released under Suppl. XI th Plan		9,923 Nos.
11.	Total No. of BPL Connections released (X th + XI th Plan + Suppl. XI th Plan)	-	12,06,520 Nos.
12.	Villages Electrified as per new definition by conventional way defined by GOI	-	4,709 Nos.
13.	Infrastructure Progress (X th + XI th + Suppl. XI th Plan)		
	i) HT Line (Km)	-	3772.22
	ii) LT Line (Km)	-	10078.16
	iii) Transformers (Nos.)	-	8963
14.	Project Completion Date		
	a) X th Plan	-	Completed in March 2010
	b) XI th Plan	-	Completed in September 2013
	c) Supplementary XI th Plan		July 2014

Annexure-3:

33kV & 22kV Sub-Transmission Lines energized during 2013-14

A : MARATHWADA REGION

Sr. No.	Name of Line		District	Name of Zone	Details of 33 KV Line (Length in CKT-KMS)			Date of Energisation
	From	To			O/H D/C	O/H S/C	U/G	
1	220KV BDN	33/11 kV BDN	Jalna	Aurangabad	0.00	3.00	0.00	29.10.2013
2	220KV BDN	33/11 kV MALKHEDA	Jalna	Aurangabad	0.00	4.58	0.00	29.10.2013
3	220KV BDN	33/11 kV DANAPUR	Jalna	Aurangabad	0.00	12.60	0.00	29.10.2013
4	220KV BDN	33/11 kV HASNABAD	Jalna	Aurangabad	0.00	11.50	0.00	29.10.2013
5	220KV BDN	33/11 kV PIMPLGAON_R	Jalna	Aurangabad	0.00	5.00	0.00	29.10.2013
6	132 KV KNAHYA	33/11 kV PSC Pole Factory	Jalna	Aurangabad	0.00	1.50	0.00	20.05.2013
7	132 kV Sillod S/S	33/11 kV Sillod S/S	Aurangabad	Aurangabad	0.00	0.00	0.77	30.11.2013
8	33/11 kV Satara S/stn	33/11 kV kV Sut girni S/stn	Aurangabad (DF)	Aurangabad	0.00	0.00	9.47	January-14
9	132 kV Waluj	33/11 kV M/s Endurance Technologies Ltd, MIDC Waluj, A'bad	Aurangabad (DF)	Aurangabad	0.00	0.50	0.45	January-14
10	33/11 kV Central Naka	33/11 kV MGM (JNEC college CIDCO Shifting)	Aurangabad (DF)	Aurangabad	0.00	0.00	0.12	January-14
11	132 KV Koyana latur	33/11 KV S/S Govt. Medical College, latur	Latur	Latur	0.00	0.00	2.04	02.10.2013
12	33 kV Tap near Ahmedpur Old S/s	33/11 KV Ahemedpur (Urban) Sub Station	Latur	Latur	0.00	0.00	0.36	10.01.2014

Sr. No.	Name of Line		District	Name of Zone	Details of 33 KV Line (Length in CKT-KMS)			Date of Energisation
	From	To			O/H D/C	O/H S/C	U/G	
13	33 kV Bhada feeder Tap Near 132 KV s/s Ausa	33/11 kV New MIDC Sub Stn	Latur	Latur	0.00	0.00	0.04	07.06.2013
14	132 KV s/s Nilanga	33/11 kV New Ashok Nagar Sub Stn	Latur	Latur	0.00	0.00	2.75	12.03.2014
15	132/33 KV Raimoha S/S	33/11 KV Tintarvani S/S (New)	Beed	Latur	0.00	0.00	11.9	28.06.2013
16	33 KV Belura line emanating from 132/33 KV Raimoha S/S tapped	33/11 KV Pimpalwandi S/S (new)	Beed	Latur	0.00	0.00	0.99	10.08.2013
17	33 KV Wadwani line emanating from 132/33 KV Telgaon S/S tapped	33/11 KV Kuppa S/S (new)	Beed	Latur	0.00	0.00	1.61	19.08.2013
18	33 KV Massajog line emanating from 132/33 KV Kaij S/S tapped	33/11 KV Deogaon S/S (New)	Beed	Latur	0.00	0.00	5.47	26.08.2013
19	33 KV Ambajogai line emanating from 132/33 KV Parli-V S/S tapped	33/11 KV Sinchan Bhavan, Parli S/S (new)	Beed	Latur	0.00	0.00	0.18	30.10.2013
20	33/11 kV Sailu Sub Station	33/11 kV Sailu MIDC S/Stn	Parbhani	Nanded	0.00	0.50	0.00	Apr-2013
SUB TOTAL FOR MARATHWADA REGION					0.00	39.18	36.15	CKT-KMS

B: WESTERN MAHARASHTRA REGION:-

Sr. No.	Name of Line		District	Name of Zone	Details of 33 KV Line (Length in CKT-KMS)			Date of Energisation
	From	To			O/H D/C	O/H S/C	U/G	
1	33/11 kV Sector 6	33/11 kV Rock Gardden, Nerul	Thane (Vashi)	Bhandup	0.00	0.00	0.15	01.04.2013
2	220 KV Nerul S/Stn	33 kV IDBI ,SBI switching station	Thane (Vashi)	Bhandup	0.00	0.00	17.10	20.04.2013
3	221 KV Nerul S/Stn	33/11 kV Sector 23 Ulwe S/Stn	Thane (Vashi)	Bhandup	0.00	0.00	15.00	01.12.2013
4	33 KV Tapping from 33 KV R'nagar Dawadi Line	33 KV Rehu Polyemer	Pune	Pune	1.50	0.00	0.00	Nov.-2013
5	33 Kv Incomer Peth	33 KV Manchar	Pune	Pune	0.00	7.00	0.00	July-13
6	33/11 kV Manchar S/ttn	33 KV Morde Food	Pune	Pune	0.00	1.00	0.00	Aug-13
7	33/11 kV Manchar S/ttn	33 KV Parag Milk	Pune	Pune	0.00	0.50	0.00	Aug-13
8	33/11 kV Kalamb S/stn	33 KV Ranjani	Pune	Pune	0.00	8.10	0.00	Jan-14
9	33/11 KV Vasuli Phata	33KV Tetra pack Varale	Pune	Pune	0.00	1.50	0.00	Oct.-13
10	33/11 KV Dawadi S/stn.	33/11 KV SEZ Nim+gaon S/stn. Kh	Pune	Pune	0.00	6.00	0.00	Aug.-13
11	33/11 KV SEZ Nimgaon S/stn	33/11 KV SEZ Kanersar S/stn	Pune	Pune	0.00	8.00	0.00	Dec.-13
12	33 KV Corning	33/11 KV Matheson K air S/yn	Pune	Pune	0.00	1.00	0.00	Feb.-14
13	33 KV Shivane	33KV Shivane	Pune	Pune	0.00	0.05	0.00	26.12.13
14	33 KV Loreal Switching station	33/11 KV Rohan Builder	Pune	Pune	0.00	0.00	2.00	July.13

Sr. No.	Name of Line		District	Name of Zone	Details of 33 KV Line (Length in CKT-KMS)			Date of Energisation
	From	To			O/H D/C	O/H S/C	U/G	
15	33/11 KV Kothali S/Stn	33/11 KV HT consumer M/s.Ambai Khandasare Magasvargiya	Kolhapur	Kolhapur	0.00	3.20	0.00	Dec-13
16	220/33KV Mumewadi S/Stn tap line on 33KV Ajara feeder	33/11KV Gavase S/Stn	Kolhapur	Kolhapur	0.00	1.14	0.00	20.10.2013
17	132/33 KV Thamkewadi S/Stn	33/11KV Thawade S/Stn	Kolhapur	Kolhapur	0.00	32.00	0.00	15.03.2014
18	33KV new line from Patgaon Generation	33/11KV Tambale	Kolhapur	Kolhapur	0.00	10.00	0.00	7.12.2013
19	33/11KV Tap line Bapatcamp S/Stn	33/11KV Chokak S/Stn	Kolhapur	Kolhapur	0.00	12.25	0.00	20.01.2014
20	33KV Gangatara FDR	33KV line for M/s.Surana Group consumers for Multy party Power Loom connection.	Kolhapur	Kolhapur	0.00	0.00	0.20	18.6.2013
21	110/33 KV Ichalkaranji S/Stn	33/11KV Kabnoor S/Stn	Kolhapur	Kolhapur	0.00	0.00	6.00	20.08.2013
22	33/11KV PIE-I S/Stn	33/11KV PIE-II S/Stn	Kolhapur	Kolhapur	0.00	0.00	0.07	23.12.2013
23	33 KV Tap line from Ninainagar	33/11KV Ganeshnagar S/st	Sangli	Kolhapur	0.00	5.00	0.00	01.08.2013
24	33/11KV Rile S/stn	33/11KV Bilashi	Sangli	Kolhapur	0.00	8.40	0.00	29.10.2013
25	220/33 KV Wangi (Kadegaon) EHV	33/11 KV Kadepur	Sangli	Kolhapur	0.00	9.96	0.00	12.02.2014

Sr. No.	Name of Line		District	Name of Zone	Details of 33 KV Line (Length in CKT-KMS)			Date of Energisation
	From	To			O/H D/C	O/H S/C	U/G	
26	33/11 Kv Sherinala S/Stn.	33/11 Kv Balaji Mandir S/Stn.	Sangli	Kolhapur	0.00	3.50	0.00	19.11.2013
27	33KV Baramati City	220/33KV Baramati to 33/11KV Baramati City	Pune	Baramati	0	0.06	0.00	17.10.2013
28	33Kv Supa fdr	132/33KV Padavi to 33/11KV Supa S/Stn	Pune	Baramati	0	0.12	0.00	Jan-14
29	220/33KV Baramati	220/33KV Baramati to 33/11KV Baramati City	Pune	Baramati	0	0.00	11.88	Jan-14
30	33 kV Andhali	33 kV Bothe	Satara	Baramati	0.00	17.00	0.00	25.11.2013
31	33 kV Budh	33 kV Budh	Satara	Baramati	0.00	17.00	0.00	25.11.2013
32	33 kV Vaduj	33 kV Vaduj	Satara	Baramati	0.00	10.00	0.00	17.02.2014
33	33/11 kV Shindewadi	33/11 kV Shindewadi	Satara	Baramati	0.00	27.00	0.00	15.02.2014
34	33kV Bholewadi	33 kV Talbid	Satara	Baramati	0.00	10.03	0.00	24.09.2013
35	33/11 KV Wai S/stn	33/11 kV Shendurjane	Satara	Baramati	0.00	7.77	0.00	21.10.2013
36	33 kV ACG Pharma Shirwal	33 kV Finolex Shirwal	Satara	Baramati	0.00	2.00	0.00	7.01.2014
37	33 kV Barad	33/11 kV Kurawali	Satara	Baramati	0.00	5.00	0.00	21.06.2013
38	132KV Shirwal EHV S/St	33 kV ShirwalAllied Shrwal	Satara	Baramati	0.00	6.00	0.00	17.12.2013
39	Surawadi EHV S/St	33 kV Surawadi Cummins	Satara	Baramati	0.00	0.00	2.86	2.09.2013
40	132KV Shirwal EHV S/St	33 kV Shirwal Tharmax	Satara	Baramati	0.00	0.00	4.15	23.09.2013

Sr. No.	Name of Line		District	Name of Zone	Details of 33 KV Line (Length in CKT-KMS)			Date of Energisation
	From	To			O/H D/C	O/H S/C	U/G	
41	132KV Shirval EHV S/St	33 kV Shirval Asian Paint	Satara	Baramati	0.00	0.00	5.00	5.09.2013
42	132KV Shirval EHV S/St	33 kV Shival Helvolt	Satara	Baramati	0.00	0.00	5.00	19.9.2013
43	132KV Shirval EHV S/St	33 kV Shirval allied Shirval	Satara	Baramati	0.00	0.00	1.20	17.12.2013
44	33/11 kV Shindewadi	33/11 kV Shindewadi Umicore	Satara	Baramati	0.00	0.00	5.00	15.03.2014
45	Tap to 33 Kv Jeur feeder emanating from 132 Kv Kurduwadi s/stn	33/11 KV Salse s/stn. (Link line)	Solapur	Baramati	0.00	1.50	0.00	05.05.13
46	220 Kv Jeur s/stn	33 Kv Sina Kolegaon HT/ LIS	Solapur	Baramati	0.00	22.00	0.00	08.07.13
47	33/11 Kv Aherwadi s/stn	33Kv NTPC	Solapur	Baramati	0.00	2.00	0.00	12.07.13
48	Tap to 33 Kv Hunnur feeder emanating from 132 Kv Mangalwedha s/stn	33/11 KV Nandeshwar s/stn	Solapur	Baramati	0.00	1.00	0.00	06.09.13
49	Tap to 33 Kv Nimboni feeder emanating from 132 Kv Mangalwedha s/stn	33/11 KV Khomnal s/stn	Solapur	Baramati	0.00	0.18	0.00	06.09.13
50	33/11 Kv Degaon s/stn	33/11 KV Ropale (Babulgaon) s/stn.	Solapur	Baramati	0.00	7.00	0.00	04.09.13

Sr. No.	Name of Line		District	Name of Zone	Details of 33 KV Line (Length in CKT-KMS)			Date of Energisation
	From	To			O/H D/C	O/H S/C	U/G	
51	Tap to 33 Kv Nimboni feeder emanating from 132 Kv Mangalwedha s/stn	33/11 KV Gaudgaon s/stn	Solapur	Baramati	0.00	12.10	0.00	03.09.13
52	220 Kv Paranda s/stn	33/11 KV Salse s/stn.	Solapur	Baramati	0.00	19.11	0.00	07.09.13
53	132 Kv Kurduwadi s/stn	33/11 KV Kurdu	Solapur	Baramati	0.00	1.50	0.00	07.11.13
54	Tap to 33 Kv Kandar feeder emanating from 220 Kv Jeur s/stn	33/11 KV Kavitgaon	Solapur	Baramati	0.00	0.85	0.00	02.12.2013
55	33/11 Kv Wangi s/stn	33 Kv Adinath S.S.K. Co-gen.	Solapur	Baramati	0.00	7.86	0.00	15.12.2013
56	220 Kv Tembhurni s/stn.	33 Kv M/S Jindal Fittingd Ltd.	Solapur	Baramati	0.00	3.24	0.00	31.03.2014
57	33/11 kV Lote	33 kV Excell	Ratnagiri	Kokan	0.00	2.00	0.00	21.4.2013
58	33/11 kV Lote	33 kV Hardeliya	Ratnagiri	Kokan	0.00	3.00	0.00	23.7.2013
59	132/33 kv Satpur Meri Line tap to	33 kV Badade Nagar S/s	Nashik (U)	Nashik	0.00	2.40	3.00	13.05.2013
60	132 KV Adgaon S/s	33/11 kV Mhasrul S/s.	Nashik (U)	Nashik	2.61	0.38	2.75	21.09.2013
61	132KV Adgaon S/s	33/11 kV Krida Sankul S/Stn	Nashik (U)	Nashik	0.00	3.96	5.47	21.02.2014
62	132/33 kv Takali Meri Line tap to	33/11 kV Krida Sankul S/Stn	Nashik (U)	Nashik	0.00	4.62	0.83	20.05.2013
63	33/11 kV Four pole bhosla choufuly S/s	33/11 kV Pumping S/Stn	Nashik (U)	Nashik	0.00	2.34	0.00	20.02.2014
64	132/33 kv Takli s/s to Badade Nagar S/s	33/11 kV Bedade Nagar S/Stn	Nashik (U)	Nashik	0.00	2.20	5.60	13.05.2013

Sr. No.	Name of Line		District	Name of Zone	Details of 33 KV Line (Length in CKT-KMS)			Date of Energisation
	From	To			O/H D/C	O/H S/C	U/G	
65	33/11 kV Carbon chouck S/s	33/11 kV Shramik nagar substation	Nashik (U)	Nashik	0.00	2.00	0.00	20.11.2013
66	132 KV Jindal Tap	33 KV Padali S/Stn.	Nashik (R)	Nashik	0.00	2.50	0.00	April:2013
67	33/11 KV Old Power house	33/11 kV Kalikutti S/Stn	Nashik (R)	Nashik	0.00	4.72	0.00	Sept:2013
68	132 KV Ramache Pimpalas S/Stn	33/11 kV Naitale	Nashik (R)	Nashik	0.00	23.00	0.00	Oct :2013
69	132 KV Ramache Pimpalas S/Stn	33/11 kV Jalgaon (Bk) S/Stn	Nashik (R)	Nashik	0.00	5.20	0.00	April:2013
70	220 KV Satana S/Stn	33/11 kV Satana StStn	Nashik (R)	Nashik	0.00	0.19	0.00	April:2013
71	33/11 kV Solapur S/Stn	33/11 kV New Vidyutbhavan S/stn	Ahmednagar	Nashik	0.00	0.90	0.00	09.11.2013
72	33 Kv Bhalwani S/Stn	33/11 kV New Dhavalpuri S/Stn	Ahmednagar	Nashik	0.00	8.00	0.00	16.11.2013
73	33/11 kV Goregaon	33/11 kV Dhavalpuri Phata	Ahmednagar	Nashik	0.00	6.00	0.00	13.01.2014
74	33/11 Kv Ghodegaon S/Stn	33/11 kV Pandharipool	Ahmednagar	Nashik	0.00	3.96	0.00	FY-2013-14
75	33kV U/G Cable from 132kV Kedgaon S/Stn	33/11 Kv Kedgaon S/Stn	Ahmednagar	Nashik	0.00	0.00	0.78	20.01.2014
76	132 KV Amalner s/stn	33/11 kV Anturli (Dhar) s/stn	Jalgaon	Jalgaon	0.00	10.00	0.00	01.05.2013
77	132 KV Pachora s/stn	33/11 kV 33 KV Utran - Kasoda Tap	Jalgaon	Jalgaon	0.00	2.00	0.00	22.06.2013

Sr. No.	Name of Line		District	Name of Zone	Details of 33 KV Line (Length in CKT-KMS)			Date of Energisation
	From	To			O/H D/C	O/H S/C	U/G	
78	132 KV Chopada s/stn	33/11 kVChahardi s/stn	Jalgaon	Jalgaon	0.00	14.80	0.00	27.06.2013
79	132 KV Amalner s/stn	33/11 kV Wipro HT Consumer	Jalgaon	Jalgaon	0.00	7.50	0.00	27.11.2013
80	33 kV Bamnod	33 kV Bhortek	Jalgaon	Jalgaon	0.00	8.10	0.00	03.11.2013
81	132 KV CSN s/stn	33 kV Dahivad	Jalgaon	Jalgaon	0.00	12.08	0.00	08.10.2013
82	33 kV Shendurni	33 kV Lohara	Jalgaon	Jalgaon	0.00	17.20	0.00	30.10.2013
83	33 kV Bhadgaon	33 kV Amadada	Jalgaon	Jalgaon	0.00	7.95	0.00	28.08.2013
84	33 kV From Bypass Road	33 kV Hotel Diamond, CSN	Jalgaon	Jalgaon	0.00	0.00	0.50	20.09.2013
85	33/11 KV Junawane s/stn	33/11 KV Vinchur s/stn	Dhule	Jalgaon	0.00	13.00	0.00	10.04.2013
86	132 KV Dahivad s/stn	33 kV M/s Dhruv Kotex HT Cons	Dhule	Jalgaon	0.00	0.80	0.00	10.06.2013
87	132 KV Dahivad s/stn	33 kV M/s Yogo Kotex HT Cons	Dhule	Jalgaon	0.00	0.10	0.00	10.09.2013
88	33/11 kV Ranala s/stn	33/11 kV Shanimandal s/stn	Nandurbar	Jalgaon	0.00	14.36	0.00	31.12.2013
<u>SUB TOTAL FOR WESTERN MAHARASHTRA REGION</u>					4.11	484.18	94.53	CKT-KMS

VIDARBH REGION

Sr. No.	Name of Line		District	Name of Zone	Details of 33 KV Line (Length in CKT-KMS)			Date of Energisation
	From	To			O/H D/C	O/H S/C	U/G	
1	132Kv Magdi	33/11 kv Kardi	Bhandara	Nagpur	0.00	11.80	0.00	29.10.2013
2	132Kv kardha	33/11 kv Sahuli	Bhandara	Nagpur	0.00	17.00	0.80	23.07.2013
3	132Kv Kardha	33/11Kv Bhandara	Bhandara	Nagpur	0.00	6.90	0.00	13.09.2013
4	132Kv Madgi	33/11 kv Jamb	Bhandara	Nagpur	0.00	14.00	0.00	21.10.2013
5	33kv Sondiyatola S/stn	33 KV Gabarwahi feeder tapping	Bhandara	Nagpur	0.00	0.50	0.00	30.09.2013
6	33Kv Jam Tumsar line at Tumsar	New 33Kv Tumsar S/s	Bhandara	Nagpur	0.00	0.00	0.17	24.03.2014
7	LILO at Bhidi S/s	33 kv Waigaon	Wardha	Nagpur	0.00	0.68	0.00	11.11.2012
8	33/11 kv Bhidii S/stn.	33 kv Vijaygopal	Wardha	Nagpur	0.00	16.11	0.00	28.12.2012
9	33/11 kv Pipri S/stn.	33kv Dattapur	Wardha	Nagpur	0.00	4.10	0.00	08.01.2013
10	33/11 kv Talegaon	33/11 kv Sawali(BK)	Wardha	Nagpur	0.00	17.33	0.00	26.10.2013
11	33/11 kv Wani	33/11 kv Hinganghat	Wardha	Nagpur	0.00	5.80	0.00	31.07.2012
12	33/11 kv Wani	33/11 kv Sonegaon Dhotra	Wardha	Nagpur	0.00	19.40	0.00	24.12.2013
13	33/11 kv Tirora	33/11 kv Paraswada	Gondia	Nagpur	0.00	2.02	0.00	09.02.2014
14	220 KV Sicom S/stn	33 KV Shastrinagar	Chandrapur	Nagpur	0.00	0.00	42.50	13.12.2013
15	132 KV Asti S/stn	33/11 kv Dhaba S/stn	Chandrapur	Nagpur	0.00	24.00	1.37	29.01.2014
16	132 KV Asti S/stn	33/11 kv Gondpipri S/stn	Chandrapur	Nagpur	0.00	13.00	0.73	10.03.2014
17	132 KV Besa Sub stn.	33/11 kv Vinkar Sub station	Nagpur	Nagpur U	0.00	0.00	4.25	08.11.13

Sr. No.	Name of Line		District	Name of Zone	Details of 33 KV Line (Length in CKT-KMS)			Date of Energisation
	From	To			O/H D/C	O/H S/C	U/G	
18	33/11 kv Nara Sub Station	33/11 kv Kamptee Rd sub station	Nagpur	Nagpur U	0.00	0.00	0.50	18.11.13
19	33/11 kv Satgaon S/stn	33/11 kv Fire Arcor	Nagpur	Nagpur U	0.00	13.00	2.00	12.07.13
20	33/11 kv Satgaon S/stn	33/11 kv Dongargaon S/stn	Nagpur	Nagpur U	0.00	7.80	2.70	20.11.13
21	33/11 kv sirsi feeder	33/11 kv Mohpa s/tn	Nagpur	Nagpur U	0.00	0.50	0.00	08.12.13
22	132 KV S/S Katol	33/11 kv S/S Katol (RAPDRP)	Nagpur	Nagpur U	0.00	0.50	0.00	30.07.13
23	220 KV Kalmeshwar S/stn.	33/11 kv Gondkhairy S/Stn.	Nagpur	Nagpur U	0.00	10.60	3.70	18.05.13
24	132Kv Risod S/Stn.	33 kv Bhavna Agro Product Ltd. Degaon	Washim	AMRAVATI	0.00	10.00	0.00	22.08.13
25	Tapping on 33KV Malegaon -Washim line from 132KV Malegaon	33/11 kv Pole Factory S/Stn.	Washim	AMRAVATI	0.00	6.00	0.00	31.10.13
26	Tapping on 33KV Malegaon-Dongaon line	33/11 kv Kenwad S/Stn.	Washim	AMRAVATI	0.00	2.20	0.00	05.12.13
27	Tapping on 33KV Dapura feeder from 132KV Karanja	33 kv Manora Road Karanja	Washim	AMRAVATI	0.00	0.35	0.00	14.01.14
28	220 KV Dhamangaon Rly S/s	33/11 kv Nargavandi S/S	Amravati	AMRAVATI	0.00	6.35	0.00	1/30/2014
29	220 KV Dhamangaon Rly S/s	33/11 kv Chandur Rly S/stn	Amravati	AMRAVATI	0.00	26.35	0.00	3/27/2014
30	132KV Morshi S/S	33/11KV APDRP Morshi s/s	Amravati	AMRAVATI	0.00	1.20	0.00	1/24/2014
31	132KV Morshi S/S	33 KV Morshi	Amravati	AMRAVATI	0.00	0.00	1.10	05.01.2014
32	33/11 kv Dongershivali	33 kv Bhadola	Buldhana	AMRAVATI	0.00	3.50	0.00	02.07.13

Sr. No.	Name of Line		District	Name of Zone	Details of 33 KV Line (Length in CKT-KMS)			Date of Energisation
	From	To			O/H D/C	O/H S/C	U/G	
33	132kv Buldhana	33 kv Maintenance Buldhana	Buldhana	AMRAVATI	0.00	0.24	0.00	24.03.14
34	33/11 kv Malangi	33/11 kv Sawana	Buldhana	AMRAVATI	0.00	3.75	0.00	05.08.13
35	33/11 kv Muradapur	33/11 kv Muradapur	Buldhana	AMRAVATI	0.00	0.24	0.00	09.07.13
36	33/11 kv Amdapur	33/11 kv Mangural Navghare	Buldhana	AMRAVATI	0.00	7.50	0.00	28.11.13
37	33/11 kv Bhokarwadi	33/11 kv Bhokar	Buldhana	AMRAVATI	0.00	8.07	0.00	28.12.13
38	33/11 kv Jambhora	33/11 kv Jambhora	Buldhana	AMRAVATI	0.00	5.20	0.00	23.08.13
39	33/11 kv Sawargaon	33/11 kv Wadgi	Buldhana	AMRAVATI	0.00	9.00	0.00	27.01.14
40	33/11 kv K,Jattu	33/11 kv D.Kundapal	Buldhana	AMRAVATI	0.00	24.90	0.00	16.3.14
41	33/11 kv Dhamangaon S/stn.	33/11 kv Dehani.	Yavatmal	AMRAVATI	0.00	42.00	0.00	08.05.2013
42	33/11 kv Dhamangaon S/stn.	33/11 kv Chikhali.	Yavatmal	AMRAVATI	0.00	44.00	0.00	26.06.2013
43	220 kv Pusad	33/11 kv Vidyut Bhavan Pusad	Yavatmal	AMRAVATI	0.00	0.18	0.00	01.09.2013
44	33/11 kv Fulsawangi	33/11 kv Bhavani	Yavatmal	AMRAVATI	0.00	19.18	0.00	01.10.2013
45	220 kv Wani	33/11 kv Lalguda Wani	Yavatmal	AMRAVATI	0.00	5.00	0.00	15.04.2013
46	220 kv Wani	33/11 kv Cotton market Wani	Yavatmal	AMRAVATI	0.00	7.50	0.00	02.05.2013
47	132 Kv Pandharkawada	33/11 kv Pandharkawada	Yavatmal	AMRAVATI	0.00	2.10	0.00	18.07.2013
48	33/11 kv Kayar.	33/11 kv Ruikot(M'ban)	Yavatmal	AMRAVATI	0.00	2.37	0.00	07.10.2013
49	132 Kv Ghatanji	33/11 kv Ghatanji	Yavatmal	AMRAVATI	0.00	2.16	0.00	08.10.2013
50	33/11 kv Patan.	33/11 kv Zari	Yavatmal	AMRAVATI	0.00	9.00	0.00	12.02.2014
SUB TOTAL FOR VIDARBH REGION					0.00	433.38	59.82	CKT-KMS
TOTAL FOR MSEDCL					4.11	956.74	190.50	CKT-KMS

Annexure-4
New 33/11 kV Sub-Stations & 22kV Switching Stations
commissioned during year 2013-14

MARATHWADA REGION:

Sr. No.	Name of Sub-Station	Scheme	District	Transformer Capacity in MVA	Date of Commissioning
1	33/11 kV Sillod S/Dn Premises S/S	RAPDRP	Aurangabad	10.00	30.11.2013
2	33/11 KV Soot Girni	Infra Plan	Aurangabad	10.00	12.09.2013
3	33 KV S/S at pole factory Jalna	RAPDRP	Jalna	5.00	28.8.2013
4	33/11 KV Latur	RAPDRP	Latur	5.00	02.10.2013
5	33/11 KV Ahmedpur U	RAPDRP	Latur	5.00	10.01.2014
6	33/11 KV Ausa MIDC	RAPDRP	Latur	5.00	07.06.2013
7	33/11 KV Ashoknagar Nilanga	RAPDRP	Latur	5.00	31.03.14
8	Tintarvani	REC/PSI	Beed	5.00	28.06.2013
9	Pimpalvandi	REC/PSI	Beed	5.00	10.08.2013
10	Kuppa	REC/PSI	Beed	5.00	19.08.2013
11	Deogaon	REC/PSI	Beed	5.00	26.08.2013
12	Sinchan Bhavan	R-APDRP	Beed	5.00	30.10.2013
13	33/11KV Sailu Sub Station	RAPDRP	Parbhani	5.00	10/6/2013
SUB TOTAL FOR MARATHWADA REGION				75.00	MVA

WESTERN MAHARASHTRA REGION

Sr. No.	Name of Sub-Station	Scheme	District	Transformer Capacity in MVA	Date of Commissioning
1	22/11 KV Lodha S/stn	RAPDRP PART-B	Thane	20.00	31.7.13
2	22/11 KV Roma S/stn	RAPDRP PART-B	Thane	20.00	30.9.13
3	22/11 KV Haware S/stn	RAPDRP PART-B	Thane	20.00	30.9.13
4	22/11 KV Aakruti S/stn	RAPDRP PART-B	Thane	20.00	15.3.14
5	22/11 KV Runwal Garden City S/stn	RAPDRP PART-B	Thane	20.00	15.8.13
6	22/11 KV Aniline S/stn	RAPDRP PART-B	Thane	20.00	16.9.13
7	22 KV Patalipada Switching S/stn	RAPDRP PART-B	Thane	0.00	24.3.14
8	22KV Hypercity Switching S/stn	RAPDRP PART-B	Thane	0.00	31.7.13
9	22KV Neelkanth Switching S/stn	RAPDRP PART-B	Thane	0.00	30.9.13
10	33/11KV sect-19D, Vashi Sub Station	INFRA - IIA	Thane	20.00	24.10.13
11	33/11 KV Sector 23 Ulwe S/Stn	DDF	Raigad	20.00	01.03.14
12	22 KV Mind Space Switching Stn.	DDF	Pune (Ganeshkhind)	0	24.09.2013
13	22 KV Base Reality Switching station	DDF	Pune (Ganeshkhind)	0	19.12.2013
14	22 KV Artemis Switching	DDF	Pune (Ganeshkhind)	0	20.04.2014
15	22 KV EWS Switching	DDF	Pune (Ganeshkhind)	0	15.04.13.
16	22 KV Yutika Switching S/Stn	DDF	Pune (Ganeshkhind)	0	May-2013
17	22 KV Castle Royal Switching S/Stn	DDF	Pune (Ganeshkhind)	0	Dec-2013
18	22/11 kv Prayēja City S/stn	Infra	Pune (Rastapeth)	10.00	03.09.2013
19	22/11 kv Dhanori S/stn	Infra	Pune (Rastapeth)	10.00	26.06.2013
20	22KV Jnnurm switching station	DDF	Pune (Rastapeth)	0.00	21.04.2013

Sr. No.	Name of Sub-Station	Scheme	District	Transformer Capacity in MVA	Date of Commissioning
21	22KV Kumar Kering Switching station	DDF	Pune (Rastapeth)	0.00	10.10.2013
22	22KV Dreams Akruti Switching station	DDF	Pune (Rastapeth)	0.00	21.04.2013
23	22KV Pebble park Switching station	DDF	Pune (Rastapeth)	0.00	06.02.2014
24	22 KV FOREST COUNTY SWITCHING STATION	ORC	Pune (Rastapeth)	0.00	21.12.2013
25	22 kV Kiri Castle Sw Stn	Infra	Pune (Rastapeth)	0.00	27.08.13
26	22 kV Porwal Road Sw Stn	DDF	Pune (Rastapeth)	0.00	09.01.14
27	22/22 KV SANGHAR SWITCHING STATION	DDF	Pune Rural	0.00	9.02.14
28	33kv Shogini Switching Stn.	DDF	Pune Rural	0.00	26.12.12
29	22 KV Dreams Sankalp Switching station	DDF	Pune Rural	0.00	Sept.2013
30	33/11KV Nimgaon (SEZ) S/stn	DDF	Pune Rural	10.00	07.12.12
31	33/11KV DTA Kanersar (SEZ) S/stn	DDF	Pune Rural	10.00	20.12.2013
32	33/11 KV Kanersar S/stn	Infra	Pune Rural	5.00	25.09.2013
33	33/11KV GAVASE S/Stn	INFRA-I	Kolhapur	5.00	20.10.2013
34	33/11KV PIE-II S/Stn	R-APDRP	Kolhapur	5.00	23.12.2013
35	33/11KV THAVADE S/Stn	INFRA-I	Kolhapur	5.00	15.03.2014
36	33/11 KV Bilashi S/Stn	INFRA-I	Sangli	5.00	18.09.2013
37	33/11 Ganeshnagar Islampur S/Stn	R-APDRP	Sangli	10.00	23.05.2013
38	33/11 KV Vita RAPDRP S/Stn	RAPDRP	Sangli	5.00	03.12.2013
39	33/11 KV Balaji Mandir S/Stn	RAPDRP	Sangli	5.00	19.11.2013
40	33/11 KV Borgaon S/Stn	INFRA-I	Sangli	5.00	13.2.2014

Sr. No.	Name of Sub-Station	Scheme	District	Transformer Capacity in MVA	Date of Commissioning
41	33/11KV Baramati Urban	APDRP	Pune	20.00	17.10.2013
42	33/11 KV Shahapur	Infra	Satara	5.00	10.5.2013
43	33/11 KV Kalwade	Infra	Satara	5.00	1.10.2013
44	33/11KV Vasant Vihar	Infra	Solapur	5.00	17.05.2013
45	33/11KV Salse	Infra	Solapur	5.00	05.05.2013
46	33/11KV Nandeshwar	P:SI	Solapur	5.00	06.09.2013
47	33/11KV Khomnal	P:SI	Solapur	5.00	06.09.2013
48	33/11KV Ropale (Babulgaon)	P:SI	Solapur	5.00	04.09.2013
49	33/11KV Gaudgaon	P:SI	Solapur	5.00	03.09.2013
50	33/11KV Kurdu	P:SI	Solapur	5.00	17.11.2013
51	33/11KV Kavitgaon	P:SI	Solapur	5.00	02.12.2013
52	33/11 kv Polytechnic	RAPDRP	Solapur	5.00	17.12.2013
53	22/22KV New MSEB Colony SW./St	RAPDRP	Thane	0.00	Mar-14
54	New Gauraipada SW./St	RAPDRP	Thane	0.00	Mar-14
55	New Coca Cola sw/stn.	RAPDRP	Thane	0.00	April-014
56	33/11 KV Bedade Nagar S/Stn	Infra	Nashik (U)	10.00	13.05.2013
57	33/11 KV Krida Sankul S/Stn	Infra	Nashik (U)	10.00	21.09.2013.
58	33/11 KV Kalikutti SStn	R-APDRP	Nashik (R)	10.00	04.05.2013
59	33/11 KV Satana SStn	R-APDRP	Nashik	10.00	16.08.2013
60	33/11 Kv Vidyut Bhavan,Power House	R-APDRP	Ahmednagar	10.00	09.11.2013

Sr. No.	Name of Sub-Station	Scheme	District	Transformer Capacity in MVA	Date of Commissioning
61	33/11 Kv, Dhavalpuri	INFRA-I	Ahmednagar	5.00	16.11.2013
62	33/11 Kv, Goregaon	INFRA-I	Ahmednagar	5.00	15.02.2014
63	33/11 Kv, Kedgaon	R-APDRP	Ahmednagar	10.00	22.02.2014
64	33/11 Kv Pandhari Pool	R-APDRP	Ahmednagar	5.00	30.11.2013
65	33/11 KV Anturli (Dhar)	INFRA I	Jalgaon	5.00	01.05.2013
66	33/11 KV Chahardi	INFRA I	Jalgaon	5.00	27.06.2013
67	33/11 KV Dharangaon	RAPDRP	Jalgaon	5.00	18.10.2013
68	33/11 KV Bhortek	INFRA I	Jalgaon	5.00	03.11.2013
69	33/11 KV Dahivad	INFRA I	Jalgaon	5.00	19.03.2014
70	33/11 KV Lohara	INFRA I	Jalgaon	5.00	30.10.2013
71	33/11 KV Amadada	INFRA I	Jalgaon	5.00	27.08.2013
72	33/11 KV Pachora Town	RAPDRP	Jalgaon	10.00	20.11.2013
73	33/11 KV Vinchur S/stn	INFRA I	Dhule	5.00	10.04.2013
74	33/11 KV Shanimandal	INFRA I	Nandurbar	5.00	31.12.2013
SUB TOTAL FOR WESTERN MAHARASHTRA REGION				455.00	MVA

VIDARBH REGION

Sr. No.	Name of Sub-Station	Scheme	District	Transformer Capacity in MVA	Date of Commissioning
1	33KV Pole factory Washim S/Stn.	RAPDRP	Washim	5.00	31.10.2013
2	33Kv Kenwad S/Stn.	Ag. Backlog	Washim	5.00	05.12.2013
3	33KV Pasarni road Karanja S/Stn.	RAPDRP	Washim	5.00	14.01.2014
4	33/11 Kv Badnera New Town S/stn	R-APDRP Part-B	Amravati	10.00	31.03.2014
5	33/11 KV Nargavandi S/stn	66 KV Elimination	Amravati	10.00	1/30/2014
6	33/11 KV Chandur rly S/stn	66 KV Elimination	Amravati	10.00	3/27/2013
7	33/11KV APDRP Morshi S/stn	APDRP	Amravati	10.00	21/01/14
8	33/11KV Rumhana S/stn	PSI	Buldhana	5.00	23.06.2013
9	33/11KV Sbbhadola S/stn	PSI	Buldhana	5.00	26.06.2013
10	33/11Kv Muradpur S/stn	PSI	Buldhana	5.00	09.07.2013
11	33/11 kv Sawna S/stn	PSI	Buldhana	5.00	05.08.2013
12	33/11 Mangrul Navghare S/stn	PSI	Buldhana	5.00	28.11.2013
13	33/11KV Chandani (Giroli) S/stn	PSI	Buldhana	5.00	13.01.2014
14	33/11 kv Buldhana Chikhali road S/stn	RAPDRP	Buldhana	10.00	07.02.2014
15	33/11 kv Wadji S/stn.	PSI	Buldhana	5.00	27.01.2014
16	33/11 kv Deulgaon.Kundpal S/stn	PSI	Buldhana	5.00	16.03.2014
17	33/11 kv Vidhyut Bhavan S/stn	66 KV Elimination	Yavatmal	20.00	01.09.2013
18	33/11 KV Bhavani (Rampur chikli) S/stn	Infra	Yavatmal	5.00	01.10.2013
19	33/11 KV Cotton Market S/stn	R-APDRP	Yavatmal	10.00	02.05.2013

Sr. No.	Name of Sub-Station	Scheme	District	Transformer Capacity in MVA	Date of Commissioning
20	33/11 KV Pandharkawada S/stn	66 kV Elimination	Yavatmal	20.00	18.07.2013
21	33/11 KV Ghatanji S/stn	66 kV Elimination	Yavatmal	10.00	08.10.2013
22	33 /11KV Zari S/stn	Ag. Backlog	Yavatmal	5.00	12.02.2014
23	33Kv Sahuli S/stn	66Kv Elimination scheme	Bhandara	20.00	23.07.13
24	33Kv Tumsar S/stn	66Kv Elimination scheme	Bhandara	20.00	24.03.14
25	33Kv Nakadongri S/stn	Infra-I	Bhandara	5.00	30.09.13
26	33/11Kv Kardi S/stn	Infra-I	Bhandara	5.00	29.10.13
27	33/11 KV Shastrinagar S/stn	66 KV Elimination	Chandrapur	20.00	20.02.2014
28	33/11 KV MIDC S/stn	67 KV Elimination	Chandrapur	20.00	11.04.2013
29	33/11/KV Dhaba S/stn	infra Phase-II	Chandrapur	5.00	29.01.2014
30	33/11 KV Gondpipri S/stn	66 KV Elimination	Chandrapur	10.00	10.03.2014
31	33/11 KV Abezar S/stn	Infra	Chandrapur	5.00	13.04.2013
32	33/11 KV Dattapur S/stn	Infra	Wardha	10.00	27.03.2014
33	33/11 KV Sawli (BK) S/stn	Infra	Wardha	10.00	22.10.2013
34	33 KV Hetikundi S/stn	Infra	Wardha	5.00	07.12.2013
35	33/11 KV Hinganghat S/stn	Infra	Wardha	30.00	08.04.2013
36	33/11 KV Sonegaon Dhotra S/stn	Infra	Wardha	20.00	24.12.2013
37	33/11 KV Nandori S/stn	Infra	Wardha	20.00	27.12.2013
38	33/11 KV Ettapalli S/stn	66 KV Elimination	Gadchiroli	5.00	10.01.2014
39	33/11 KV Murumgaon S/stn	Maintenance	Gadchiroli	3.15	10.12.2013

Sr. No.	Name of Sub-Station	Scheme	District	Transformer Capacity in MVA	Date of Commissioning
40	33/11 Kv Chichgad S/stn	Maintenance	Gondia	5.00	23.01.2014
41	33/11 KV Vinkar S/stn	CAPEX OF DF AREA	Nagpur	10.00	11.08.13
42	33/11 KV Kamptee Rd S/stn	CAPEX OF DF AREA	Nagpur	10.00	18.11.13
43	umred -mohpa road	RAPDRP	Nagpur	20.00	08.12.13
44	UMRed -WCL(66/11 kV EHV sub-station hand over & converted to 33/11 kV substation)	Elimination	Nagpur	20.00	12.08.13
45	33 KV Thadipaoni	Infra-I	Nagpur	5.00	18.04.13
46	33 KV Katol (RAPDRP)	R-APDRP	Nagpur	10.00	30.07.13
47	33 KV Bharsingi	Infra-I	Nagpur	5.00	6.12.13
48	33 KV Mohgaon (Bh)	Infra-I	Nagpur	5.00	18.02.13
SUB TOTAL FOR VIDARBH REGION				478.15	MVA
TOTAL FOR MSEDCL				1008.15	MVA

Annexure-4-a

Augmentation of Transformer Capacity at 33/11kV & 33/22 kV Sub-Stations during 2013-14

MARATHWADA REGION

Sr. No.	Name of Sub-Station	Scheme	District	Transformer Capacity added in MVA	Date of Commissioning	Remark
1	33/11 KV 488 S/S Jalna	RAPDRP	Jalna	5.00	Apr-13	1 X 5 MVA to 1 X 10 MVA
2	33/11 KV S/S Nilanga	Infra	Latur	2.00	01.04.13	1 X 3 MVA to 1 X 5 MVA
3	33/11 KV S/S OPH Udgir	RAPDRP-Add	Latur	5.00	02.04.13	Additional 1 X 5 MVA
4	33/11 KV S/S Mahada	RAPDRP-Add	Latur	5.00	04.11.13	Additional 1 X 5 MVA
5	33/11 KV Dhanora Road, Beed	R-APDRP	Beed	5.00	08.08.2013	Additional 1 X 5 MVA
6	33/11KV Raighavan	Maintenance	Osmanabad	1.85	07.11.2013	1 X 3.15 MVA to 1 X 5 MVA
7	33/11 KV Pathri S/Stn	RAPDRP	Parbhani	1.85	10/8/2013	1 X 3.15 MVA to 1 X 5 MVA
8	33/11 KV Khandoba S/stn	RAPDRP	Parbhani	10.00	11/10/2013	Additional 1 X 10 MVA
SUB TOTAL OF MARATHWADA REGION		-	-	35.70	MVA	

WESTERN MAHARASHTRA REGION:-

Sr. No.	Name of Sub-Station	Scheme	District	Transformer Capacity added in MVA	Date of Commissioning	Remark
1	22/11KV 12.5MVA Pwer Xmer at MBP S/stn, Pawane MIDC	DDF	Thane	12.50	3.04.13	Additional 12.5 MVA
2	22/11 Tukainagar s/s	Infra	Pune (Rastapeth)	10.00	Oct-13	Additional 1x10 MVA
3	33/11 KV Kolwadi S/stn	Infra-II	Pune Rural	5.00	Mar-14	Additional 1x5 MVA
4	33/11 KV Otur S/tn	P:SI	Pune Rural	5.00	Jun-13	Additional 1x5 MVA
5	33/11 KV Ranjani S/stn	Infra- I	Pune Rural	5.00	Nov-13	Additional 1x5 MVA
6	33/22kV Manor Substation	REC	Thane	5.00	Mar-14	Additional 1x5 MVA
7	33/22kV Manor Substation	REC	Thane	5.00	Mar-14	Additional 1x5 MVA
8	33/11kV Substn Bordi	Infra I	Thane	5.00	03.10.13	Additional 1x5 MVA
9	33/11kV AshagadSubstn	Infra I	Thane	5.00	26.02.14	Additional 1x5 MVA
10	33/11kVVadkun Substn	Infra I	Thane	5.00	11.04.13	Additional 1x5 MVA
11	33/11kVVadkun Substn	Infra I	Thane	5.00	11.04.13	Additional 1x5 MVA
12	33/11kV Walan Substn	Infra I	Thane	5	1.07.13	Additional 1x5 MVA
13	33/11kV Allyali Substn	RAPDRP	Thane	5	14.04.13	Additional 1x5 MVA

Sr. No.	Name of Sub-Station	Scheme	District	Transformer Capacity added in MVA	Date of Commissioning	Remark
14	33/11kV Amgaon Substn	Infra I	Thane	5	25.05.13	Additional 1x5 MVA
15	33/11kV Rambaug Substn	o&m	Thane	3.15	27.07.13	Additional 1x3.15 MVA
16	33/ 11 KV Fansu S/stn	O&M	Ratnagiri	2.00	4.4.2013	1 X 3MVA to 1 X 5 MVA
17	33/ 11 KV Shirgaon S/stn	O&M	Ratnagiri	2.00	28.3.2014	1 X 3MVA to 1 X 5 MVA
18	33/11 KV Konal Katta	O&M	Sindhudurg	3.15	FY-2013-14	Installed T/F & Brought into service
19	33/11 KV SHIRWAD S/Stn	R-APDRP Part-B	Kolhapur	5.00	20.04.2013	1 X 5 MVA to 1 X 10 MVA
20	33/11 KV CHANDUR S/Stn	R-APDRP Part-B	Kolhapur	5.00	01.01.2014	1 X 5 MVA to 1 X 10 MVA
21	33/11 KV Mangaon S/Stn	R-APDRP Part-B	Kolhapur	5.00	11.03.14	1 X 5 MVA to 1 X 10 MVA
22	33/11 kv Ashta S/stn	R-APDRP Part-B	Sangli	5.00	15/05/2013	1 X 5 MVA to 1 X 10 MVA
23	33/11 kv Ashta S/stn	R-APDRP Part-B	Sangli	5.00	15/05/2013	1 X 5 MVA to 1 X 10 MVA
24	33/11KV Wadapuri	Infra-I	Pune	5.00	Apr-13	Additional 1 X 5 MVA
25	33/11KV Shetphalgade	Infra-I	Pune	5.00	Jul-13	Additional 1 X 5 MVA

Sr. No.	Name of Sub-Station	Scheme	District	Transformer Capacity added in MVA	Date of Commissioning	Remark
26	33/11 kV Pabal	Maintanance	Pune	5.00	24.11.2013	1 X 5 MVA to 1 X 10 MVA
27	33/22 Katar Khatav	JBIC	Satara	5.00	27.08.2013	Conversion from 33/22 kV level to 33/11 kV level
28	33/22 KV Bedakewasti Sub Strn.	Maintance	Satara	5.00	30.04.2013	Additional 1 X 5 MVA
29	33/11 KV Harsul S/s	Maintenance	Nashik (U)	2.50	04.01.2014	1 X 2.5 MVA to 1 X 5 MVA
30	33/11 kv Padmanagar S/s	R-APDRP	Ahmednagar	5.00	19.06.2013	1 X 5 MVA to 1 X 10 MVA
31	33/11 KV Nimkhedi	INFRA I	Jalgaon	1.85	17.02.2014	1 X 3.15 MVA to 1 X 5 MVA
32	33/11 KV Jamthi	O&M	Jalgaon	3.00	13.10.2013	Additional 1 X 5 MVA
33	33/11 KV Talegaon	INFRA I	Jalgaon	5.00	10.12.2013	Additional 1 X 5 MVA
34	33/11 KV Koparli	INFRA I	Nandurbar	5.00	18.10.2013	Additional 1 X 5 MVA
SUB TOTAL OF WESTERN MAHARASHTRA REGION				165.15	MVA	

VIDARBH REGION

Sr. No.	Name of Sub-Station	Scheme	District	Transformer Capacity added in MVA	Date of Commissioning	Remark
1	33/11 kv Giroli S/stn	INFRA	Buldhana	1.85	13.06.2013	1 X 3.15 MVA to 1 X 5 MVA
2	33/11 kv Malkapur Pangra S/stn	INFRA	Buldhana	1.85	22.06.2013	1 X 3.15 MVA to 1 X 5 MVA
3	33/11 kv Chikhali S/stn	PSI	Buldhana	1.85	16.03.2014	1 X 3.15 MVA to 1 X 5 MVA
4	33/11 KV Sonoshi S/stn	PSI	Buldhana	1.85	22.11.2013	1 X 3.15 MVA to 1 X 5 MVA
5	33/11 KV Dawargaon S/stn	INFRA	Buldhana	2.00	17.08.2013	1 X 3 MVA to 1 X 5 MVA
6	33 KV Pusad Talav S/stn	R-APDRP	Yavatmal	5.00	14.02.2014	Additional 1 X 5 MVA
7	33/11Tukum S/stn	RAPDRP	Chandrapur	5.00	20.12.2013	1 X 5 MVA to 1 X 10 MVA
8	33/11 Gadchiroli S/stn	RAPDRP	Gadchiroli	5.00	18.07.2013	1 X 5 MVA to 1 X 10 MVA
9	33/11 KV Bela	Infra	Nagpur	1.85	13.02.14	1 X 3.15 MVA to 1 X 5 MVA
10	33/11 KV Kamptee(Dragon Palace)	rapdrp	Nagpur	5.00	27.01.14	1 X 5 MVA to 1 X 10 MVA
11	33/11 KV Kohali	Infra-I	Nagpur	4.00	17.07.13	2 X 3 MVA to 2 X 5 MVA
12	33/11 KV Mowad	Infra-I	Nagpur	1.85	29.08.13	1 X 3.15 MVA to 1 X 5 MVA
13	33/11 KV Sawargaon	Infra-I	Nagpur	1.85	26.11.13	1 X 3.15 MVA to 1 X 5 MVA
SUB TOTAL OF VIDARBH REGION				38.95	MVA	
TOTAL FOR MSEDCL				239.80	MVA	

Annexure-11

Transmission lines (11 KV & above)

Line Volt in kV	No. of Ckts	Length in Ckt-Kms		
		As on	During	As on
		31.3.2013	2013-14	31.3.2014
Overhead Lines				
33 kV	1	36543.14	879.09	37422.23
	2	1257.82	9.11	1266.93
22 kV	1	27574.82	560.54	28135.36
	2	573.23	41.02	614.26
11 kV	1	252926.05	5128.96	258055.01
	2	354.30	2.86	357.16
Underground Cables				
33 kV	1	469.51	201.79	671.30
22 kV	1	2127.61	266.30	2393.91
11 kV	1	3146.59	332.23	3478.82
Total		324973.06	7421.90	332394.96

Annexure-12
Transmission lines (11 KV & above) region wise breakup

Sr. No.	Region	Line Volt in kV	No. of Ckts	Length in Ckt-Kms		
				As on 31.3.2013	During 2013-2014	As on 31.3.2014
1	WESTERN MAHARASHTRA	Overhead Lines				
		33 kV	1	18843.14	381.18	19224.32
			2	968.08	9.11	977.19
		22 kV	1	27574.82	560.54	28135.36
			2	573.23	41.02	614.26
		11 kV	1	116427.95	2006.83	118434.78
			2	167.60	2.86	170.46
		Underground Cables				
		33 kV	1	191.42	94.53	285.95
		22 kV	1	2127.61	266.30	2393.91
		11 kV	1	2210.00	165.89	2375.89
		Total		169083.85	3528.25	172612.10
2	MARATHWADA	Overhead Lines				
		33 kV	1	9649.11	64.52	9713.63
			2	127.42	0.00	127.42
		22 kV	1	0.00	0.00	0.00
			2	0.00	0.00	0.00
		11 kV	1	69833.61	740.06	70573.67
			2	75.71	0.00	75.71
		Underground Cables				
		33 kV	1	42.67	10.81	53.48
		22 kV	1	0.00	0.00	0.00
		11 kV	1	128.86	4.98	133.84
		Total		79857.38	820.37	80677.75
3	VIDARBH	Overhead Lines				
		33 kV	1	8050.88	433.40	8484.28
			2	162.32	0.00	162.32
		22 kV	1	0.00	0.00	0.00
			2	0.00	0.00	0.00
		11 kV	1	66664.50	2382.07	69046.57
			2	110.99	0.00	110.99
		Underground Cables				
		33 kV	1	235.41	96.46	331.87
		22 kV	1	0.00	0.00	0.00
		11 kV	1	807.73	161.36	969.09
		Total		76031.83	3073.28	79105.11

Annexure-13
Distribution lines (below 11 KV) 2013-14

Sr. No.	Region	Length in Ckt-kms		
		As on 31.3.2013	During 2013-2014	As on 31.3.2014
Overhead				
1	Western Maharashtra	283925.70	4188.30	288114.00
2	Marathwada	136769.86	3626.31	140396.18
3	Vidarbha	150622.84	4071.55	154694.39
	Total	571318.41	11886.17	583204.57
Underground				
1	Western Maharashtra	8946.72	365.99	9312.71
2	Marathwada	56.81	8.99	65.80
3	Vidarbha	683.52	281.53	965.05
	Total	9687.04	656.51	10343.55
Total (OH+UG)				
1	Western Maharashtra	292872.42	4554.29	297426.71
2	Marathwada	136826.67	3635.30	140461.97
3	Vidarbha	151306.36	4353.08	155659.44
	Total	581005.45	12542.67	593548.13

Annexure-14:
Transformation capacity in service 2013-14

Sr. No.	Region	TRANSFORMATION CAPACITY IN SERVICE (IN MVA)					
		As on 31.3.2013		During 2013-2014		As on 31.3.2014	
		Below 11 kV	11 kV & Above	Below 11 kV	11 kV & Above	Below 11 kV	11 kV & Above
1	Western Maharashtra	28433.87	14038.95	1845.03	615.15	30278.90	14654.10
2	Marathwada	7982.35	5337.30	178.96	110.70	8161.31	5448.00
3	Vidarbha	6894.65	4481.00	252.36	521.95	7187.48	5002.95
	Total	43310.87	23857.25	2276.34	1247.80	45627.69	25105.05

STATEMENT SHOWING DETAILS OF POWER T/Fs IN SERVICE AS ON 31.3.2014

Voltage Ratio	Capacity in MVA	AMTZ Nos.	AZ Nos.	Nanded Nos.	LZ Nos.	KLNZ Nos.	KZR Nos.	KOPZ Nos.	NSKZ Nos.	Jalgaon Nos.	NZ Nos.	BUZ Nos.	Baramati Nos.	PZ Nos.	NUZ Nos.	TOTAL	
																NOS.	CAPACITY IN MVA
33/11 kV	20					0									2	2	40.00
	10	12	18	10	5	4	0	61	85	14	52	43	30	7	67	408	4080.00
	7.5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	7.50
	5	440	256	299	399	38	83	300	541	338	170	6	420	50	72	3412	17060.00
	3.15	33	29	20	41	5	17	5	67	63	17	0	25	3	3	328	1033.20
	3	20	5	1	13	1	0	6	17	4	0	0	2	0	2	71	213.00
	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	1	0	0	0	0	0	1	2.00
	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	0	5	0	0	0	5	7.50
1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1.00	
TOTAL		506	309	330	458	48	102	373	710	420	244	49	477	60	146	4232	22449.90
33/22 kV	12.5					0						0	3	0		3	37.50
	10					0						0	17	5		22	220.00
	5					7						1	36	0		44	220.00
	3					1						0	0	0		1	3.00
	2					1						0	1	0		2	4.00
TOTAL		0	0	0	0	9	0	0	0	0	0	1	57	5	0	72	484.5
22/11 kV	12.5	0							0			3		0		3	37.50
	10	0							1			110		92		203	2030.00
	5	0							1			5		14		20	100.00
	3.15								0			0		1		1	3.15
TOTAL		0	0	0	0	0	0	2	0	0	118	0	107	0	227	2170.65	
GRAND TOTAL		506	309	330	458	57	102	373	712	420	244	168	534	172	146	4531	25105.05

STATEMENT SHOWING DETAILS OF DISTRIBUTION T/Fs IN SERVICE AS ON 31.3.2014

Voltage Ratio	Capacity in KVA	AMTZ	AZ	Nanded	LZ	KLNZ	KZR	KOPZ	NSKZ	Jalgaon	NZ	BUZ	Baramati	PZ	NUZ	TOTAL	TOTAL
		Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	NOS.
11/0.4 kV	15	85	207	0	0	0	0	0	0	0	0	0	0	0	0	292	4380
	16	31	0	0	0	0	0	0	2	29	9	0	0	0	0	71	1136
	25	4195	636	2821	963	89	1237	1941	4353	2319	5041	0	1587	341	461	25984	649600
	50	1100	146	86	99	53	234	464	236	476	392	0	174	220	71	3751	187550
	63	22400	13128	13266	20891	836	4296	13256	27307	15139	9715	0	18892	2090	3537	164753	10379439
	75	0	0	0	0	0	0	34	1	3	0	0	0	0	0	38	2850
	100	14897	8551	10657	12731	1268	2213	15334	23643	17155	7184	28	15204	2274	4723	135862	13586200
	150	42	8	0	0	16	4	92	32	40	19	0	8	23	12	296	44400
	160	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	320
	200	1813	1522	1183	871	443	289	2474	4515	1316	914	65	1573	1558	2742	21278	4255600
	250	0	2	0	0	13	1	28	26	12	4	4	16	34	8	148	37000
	300	127	8	22	48	1	1	47	63	12	0	0	16	99	29	473	141900
	315	87	234	69	132	233	17	286	804	95	28	208	146	1451	713	4503	1418445
	350	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	350
	400	0	0	0	0	0	2	30	0	1	0	17	1	0	0	51	20400
	500	0	61	20	9	27	1	111	66	4	0	123	30	319	81	852	426000
	600	0	0	0	0	0	0	0	0	6	0	0	0	0	0	6	3600
	630	2	52	12	21	12	0	40	60	0	0	2442	14	1220	244	4119	2594970
	750	0	1	0	0	0	0	25	2	0	0	133	4	2	5	172	129000
	950	0	0	0	0	0	0	0	0	0	0	77	0	0	0	77	73150
1000	0	0	0	0	0	0	7	1	0	1	331	0	1	1	342	342000	
1500	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4	6000	
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	
TOTAL		44779	24556	28136	35765	2991	8295	34169	61113	36607	23307	3434	37665	9632	12628	363077	34308290

Voltage Ratio	Capacity in KVA	AMTZ Nos.	AZ Nos.	Nanded Nos.	LZ Nos.	KLNZ Nos.	KZR Nos.	KOPZ Nos.	NSKZ Nos.	Jalgaon Nos.	NZ Nos.	BUZ Nos.	BMTZ Nos.	PZ Nos.	NUZ Nos.	TOTAL NOS.	TOTAL CAPACITY IN KVA
22\0.4 kV	25					799	0	0	0			7	561	318		1685	42125
	50					241	0	0	0			12	145	75		473	23650
	63					2970	0	0	0			111	7227	1993		12301	774963
	75					0	0	0	0			1	0	0		1	75
	100					3486	0	0	4			722	7886	4927		17025	1702500
	150					71	0	0	0			9	4	12		96	14400
	160					0	0	0	0			207	0	0		207	33120
	200					1720	0	0	3			857	817	2398		5795	1159000
	250					44	0	0	0			79	2	7		132	33000
	300					11	0	0	0			56	6	44		117	35100
	315					1480	0	0	0			1231	125	1912		4748	1495620
	350					0	0	0	0			1	0	0		1	350
	400					39	0	0	0			6	0	0		45	18000
	450					4	0	0	0			0	0	0		4	1800
	500					879	0	0	0			973	25	357		2234	1117000
	630					1710	0	0	0			1121	3	1618		4452	2804760
	750					9	0	0	0			294	0	0		303	227250
	800					0	0	0	0			2	0	0		2	1600
	950					0	0	0	0			26	0	0		26	24700
1000					3	0	0	0			20	0	2		25	25000	
1250					0	0	0	0			1	0	0		1	1250	
1600					0	0	0	0			5	0	0		5	8000	
TOTAL		0	0	0	0	13466	0	0	7	0	0	5741	16801	13663	0	49678	9543263

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.	NOS.
11/0.25 single phase	25	4716	8413	8233	10498	0		50	6497	2735	2853		4684	4641	3041	56361	1409025
	15	1114	3215	2646	7664	0		59	3154	705	1492		1291	1929	1083	24352	365280
	10		20	0	0	0		0	0		0		0	0	68	88	880
TOTAL		5830	11648	10879	18162	0	0	109	9651	3440	4345	0	5975	6570	4192	80801	1775185
33/0.4 kV	50	2		0		2	0	0	0			0	0			4	200
	100	2		0		3	0	0	0			0	0			5	500
	200	0		0		0	0	0	0			1	0			1	200
	315	0		0		0	0	0	0			0	0			0	0
	500	0		0		0	0	0	0			0	0			0	0
TOTAL		4	0	0	0	5	0	0	0	0	0	1	0	0	0	10	900
GRAND TOTAL		50613	36204	39015	53927	16462	8295	34278	70771	40047	27652	9176	58424	29865	16820	493566	45627638

ANNEXURE 28

VILLAGES ELECTRIFIED DURING 2013-14

As per 2001 census 41096 inhabited villages in the state out of which 40803 villages are electrified as on 31/03/2012 as per revised definition of Village Electrification.

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 31.3.2013 including Licensees Figures		Achievement during the year 2013-2014 by MSEDCL		As on 31.3.2014 including Licensees Figures		% of places electrified
		No. of towns & villages electrified 2001 Census	No. of Pumps energised	No. of towns & villages electrified 2001 Census	No. of Pumps energised	No. of towns & villages electrified 2001 Census	No. of Pumps energised	
1.	Gr.Bombay	1	-	-	-	1	-	100.00
2.	Thane	1764	28,615		2208	1764	30823	100.00
3.	Raigad	1877	16,390		3496	1877	19886	100.00
4.	Ratnagiri	1549	15,449		857	1549	16306	100.00
5.	Sindhudurg	735	19,753		1342	735	21095	100.00
6.	Nasik	1940	334,113		6965	1940	341078	100.00
7.	Dhule	680	90,339		1537	680	91876	100.00
8.	Nandurbar	759	50,551		1647	759	52198	100.00
9.	Jalgaon	1503	201,806		3405	1503	205,211	100.00
10.	Ahmednagar	1596	372,378		7781	1596	380,159	100.00
11.	Pune	1864	290,147		9272	1864	299419	100.00
12.	Satara	1729	160,112		8125	1729	168237	100.00
13.	Sangli	729	206,071		6977	729	213048	100.00
14.	Solapur	1148	338,172		10059	1148	348231	100.00
15.	Kolhapur	1211	120,838		6337	1211	127175	100.00
16.	Aurangabad	1309	204,274		9162	1309	213436	100.00
17.	Jalna	967	103,259		4513	967	107772	100.00
18.	Parbhani	838	85,413		1381	838	86794	100.00
19.	Hingoli	683	61,927		1860	683	63787	100.00
20.	Nanded	1559	111,850		2748	1559	114598	100.00
21.	Beed	1360	157,435		4422	1360	161857	100.00
22.	Osmanabad	737	137,127		3088	737	140215	100.00
23.	Latur	926	121,609		1728	926	123337	100.00
24.	Buldhana	1303	130,429		5842	1303	136271	100.00
25.	Akola	863	47,910		1880	863	49790	100.00
26.	Washim	706	45,276		1062	706	46338	100.00
27.	Amravati	1654	109,469		3142	1654	112611	100.00
28.	Yeotmal	1869	91,383		2230	1869	93613	100.00
29.	Wardha	1011	61,840		2739	1011	64579	100.00
30.	Nagpur	1643	94,958		1494	1643	96,452	100.00
31.	Bhandara	784	37,471		1905	784	39376	100.00
32.	Gondia	895	23,272		1756	895	25028	100.00
33.	Chandrapur	1486	37,749		2593	1486	40342	100.00
34.	Gadchiroli	1502	10,500		1216	1502	11716	100.00
TOTAL FOR STATE		41180	3917885	0	124769	41180	4042654	100.00

Note : Figures of cumulative Ag. Pump released as on 31.03.2014 are reconciled from I.T. report.Hence there is change in figures of cumulative Ag. Pump released as on 31.03.2013

33 kV & 22 kV SUB-STATIONS IN MSEDCL LTD. AS ON 31.03.14

Sr. No.	Name of the District	33 kV & 22 kV s/s as on 31.03.13	Added during 2013-14	33 kV & 22 kV s/s as on 31.03.14
1	2	3	4	5=3+4
1.	Gr.Mumbai	18	0	18
2.	Thane	99	13	112
3.	Raigad	34	1	35
4.	Ratnagiri	40	0	40
5.	Sindhudurg	24	0	24
6.	Nasik	182	4	186
7.	Dhule	54	1	55
8.	Nandurbar	43	1	44
9.	Jalgaon	123	8	131
10.	Ahmednagar	146	5	151
11.	Pune	219	23	242
12.	Satara	72	2	74
13.	Sangli	112	5	117
14.	Solapur	177	9	186
15.	Kolhapur	106	3	109
16.	Aurangabad	107	2	109
17.	Jalna	70	1	71
18.	Parbhani	68	1	69
19.	Hingoli	50	0	50
20.	Nanded	106	0	106
21.	Beed	116	5	121
22.	Osmanabad	85	0	85
23.	Latur	98	4	102
24.	Buldhana	77	9	86
25.	Akola	49	0	49
26.	Washim	33	3	36
27.	Amravati	66	3	69
28.	Yeotmal	77	6	83
29.	Nagpur	79	8	87
30.	Wardha	37	6	43
31.	Bhandara	25	4	29
32.	Gondia	24	1	25
33.	Chandrapur	43	5	48
34.	Gadchiroli	21	2	23
TOTAL FOR STATE		2680	135	2815