



ANNUAL ADMINISTRATION REPORT



FY-2012-13



EXECUTIVE SUMMARY OF AAR-2012-13

- Total Nos. of New Sub-stations & Switching Stations as on March-2013

Voltage Level	As on 31.03.2012	Added During Year	As on 31.03.2013
33/11 KV Substion	2266	150	2416
33/22 KV Substion	40	1	41
22/11 KV Substion	98	9	107
22 KV Switching Station	108	4	112
11 KV Switching Station	2	2	4
Total	2514	166	2680

- Total Power Transformer

Voltage Level	As on 31.03.2012		Added During Year		As on 31.03.2013	
	Nos.	Capacity	Nos.	Capacity	Nos.	Capacity
33/11 KV	3793	19570.40	280	1804.2	4073	21374.60
33/22 KV	63	429	7	45.5	70	474.50
22/11 KV	194	1838.15	17	170	211	2008.15
Total	4050	21837.55	304	2019.7	4354	23857.25

- Total Distribution Transformer

Voltage Level	As on 31.03.2012		Added During Year		As on 31.03.2013	
	Nos.	Capacity	Nos.	Capacity	Nos.	Capacity
3 Ø 33/0.415 KV	17	1.57	-4	-0.62	13	0.95
3 Ø 22/0.415 KV	43337	8226.25	9704	1130.17	53041	9356.42
3 Ø 11/0.415 KV	325883	30586.75	17001	1704.95	342884	32291.7
1 Ø 11/0.240 kV	70416	1541.87	5412	119.93	75828	1661.8
Total	439653	40356.43	32113	2954.432	471766	43310.872

(Note – All capacity in MVA)

- Total Distribution Line (in Km)

Voltage Level	As on 31.03.2012		Added During Year		As on 31.03.2013	
	OH	UG	OH	UG	OH	UG
33 KV	36436.53	366.44	1364.43	103.066	37800.96	469.51
22 KV	27167.63	1790.26	980.42	337.351	28148.05	2127.61
11 KV	242240.20	2909.10	11040.2	237.488	253280.35	3146.59
415 V & Below	550762.20	9150.57	20556.2	536.474	571318.41	9687.04
Total	856606.56	14216.37	33941.21	1214.379	890547.8	15430.75

Note: OH- Overhead UG-Underground



BRIEF PROGRESS OF VARIOUS SCHEMES

1. 33 kV and 22 kV lines and sub-stations commissioned during year 2012-13:-

During the year 2012-2013 the M. S. E. D C. Ltd. commissioned 165 new (33/11kV, 33/22 KV & 22/11 kV) Sub-Stations and 06 Nos of new 22/22 kV, 11/11 kV Switching Stations. The transformer capacities have also been augmented at 142 existing 33, 22 kV Sub-Stations during the year under system improvement scheme, APDRP, Backlog & Infrastrucuter Plan Project.

Sr. No.	Particulars	Achievement During 2012-13
1.	Capacity added in S/Stn.33/11 kV,33/22 kV and 22/11 kV	2011.4
2.	Sub-transmission lines energized 33 kV, 22 kV	2785.26 Ckt-km

2. System Improvement Schemes :

In order to reduce the distribution losses 171nos. of new substations are added during year 2012 - 2013 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

The A.P.D.R.P. schemes for 20 districts / towns sanctioned in 2002-03 and 2003-04 amounting Rs. 1136.54 Crores are closed/short closed on March 2009 as per directives of MoP, Govt. of India. The expenditure incurred is Rs. 1021.57 Crores as on March -09. Further during 2004-05 and 2005-06, Govt. of India has sanctioned 11 schemes for towns under APDRP phase-2 amounting to Rs. 237.53 Crores and expenditure incurred Rs 185.54 Crores as on March -09. All the schemes are closed / Short closed on March – 09. R-APDRP is GOI's initiative with focus on establishment of baseline data and fixation of accountability and reduction of AT & C losses through strengthening & upgradation of sub transmission and distribution network and adoption of Information Technology during XI Plan.

- Proposed to cover urban areas- Towns and cities with population of more than 30000
- Project shall be taken up in Two parts Part'A' and Part'B'



i. 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 Achievements for R-APDRP Part 'A' are 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 19.03.2010.
- The GIS works completed in 116 Towns.
- Centralized Customer Care Centre at Bhandup is in operation since Dec-2011.
- Data Centre ready and 95 towns integrated to Data Centre.
- All the software modules live and are being utilized by the field officers.
- 32 towns declared as go-Live.

The Expenditure of R-APDRP Part A as on 31.03.2013 is Rs.159.75 Crs.

ii. R-APDRP SCADA under (Part A-Part B):

A. 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, Nashik, Pune, Malegaon, Sangli, Solapur, Greater Mumbai and Kolhapur.**

Scope of SCADA Part A

- 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 Centre at Nagpur.
- Supply, installation, integration and commissioning of RTUs at all 66/33/22/11 KV S/S.
- FRTUs at locations of RMUs on 11 KV Distribution networks etc.
- SCADA/DMS system for control and supervision of 33/11 KV S/S.

The Achievements of SCADA Part A are as below:

Initial Survey Completed. SCADA control centers civil work in progress. Inspection of SCADA components carried out.



B. SCADA Part B :

PFC has sanctioned 5 towns having AT&C losses more than 15%. The towns sanctioned by PFC amounting to Rs. 154.54 Crs. are Greater Mumbai, Amravati, Solapur, Sangli, 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 award of contract for SCADA Part B works in progress.

The Expenditure of SCADA (Part A) as on 31.03.2013 is Rs. 12.38 Crs.

iii. RAPDRP Part B:

PFC has sanctioned 123 towns DPRs for RAPDRP Part B amounting to 3314.20 Crs., out of which the tender for implementation of RAPDRP Part B is floated for 120 towns and LOA is issued for all 120 Towns in the m/o Jan, Feb, Mar, May, & July 2012.

The achievements are as given below:

Sr. No.	Activity	Unit	Total Scope	Achievements as on March'13
1	New Sub stations	Nos.	138	12
2	Augmentation of Power T/F	Nos.	29	15
3	Additional P/T	Nos.	27	6
4	HT O/H Lines	Kms	2653.81	137.93
5	HT U/G Cable	Kms	1485.87	37.69
6	LT O/H Lines	Kms	1341.25	57.44
7	LT U/G Cable	Kms	1628.89	33
8	New DTCs HVDS	Nos.	6836	616
9	Augmentation of Distribution T/F	Nos.	3079	1323

The Expenditure of RAPDRP Part B as on 31.03.2013 is Rs. 159.67 Crs.



b. Infrastructure Plan

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

The Expenditure 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 2012-13	: Rs. 1435.76 Cr.

The achievements done are given as below:-

Sr. No.	Major Works	Unit	Departmental (Urgent Six months work) Achievements as on 31.03.2009	Turnkey Achievements upto March'13
1	New Sub stations	Nos.	30	562
2	Augmentation of Power T/F	Nos.	84	376
3	Additional P/T	Nos.	46	483
4	HT Lines	Kms	1613	43350
5	LT Lines	Kms	871	12099
6	New DTCs	Nos.	2964	68078

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 31.03.2013 are as given below.



Sr.No.	Details	SPP-III		SPP Left-out	
		T	A	T	A
1	No. of DPS	5150	4974	6749	4982
2	No. of Villages covered	2325	1880	1195	1105
3	No. of Wadies covered	1841	2477	3284	2270
4	Expenditure upto March 2013 (Rs. In Crores)	204.90	177.56	268.00	193.33

- 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 was 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 2013.

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 325 No. of villages are benefited as on March 2013.

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 2013, the Scheme has benefited 2107 No. of Villages and Load relief of 325 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. Work of the Scheme is in progress.



The Brief Summary of progress GFSS Projects till 31.03.2013 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	1459	8558	5343	488	0
2	No. of villages covered	6932	6932	7005	6775	381	325	3386	2107	176	0
3	Expenditure upto March-2013 (Rs. In Crores)	895	815.83	1006	822	231	168.23	721	493.0	87.43	0

- T= 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:

Sr. No.	Particulars	Target		Achievement during FY 2012-13		Total Achievement	
		25 KVAR	30 KVAR	25 KVAR	30 KVAR	25 KVAR	30 KVAR
1	No. of Capacitors	23073	22258	2395	3605	23153	22161

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

The capacitor banks totaling 5677.01 MVAR are installed as on 31-03-2012. This includes capacitor installed at HV level during 2010-11 is 873.42 MVAR. Similarly the capacitors provided on distribution transformer centers are totaling 2050.60 MVAR.



g. Non Conventional Sources Of Energy :
CONSERVATION OF ENERGY

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

i. 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 2201.605 MW upto Mar.2012.

Group I Projects commissioned upto 27.12.1999 is 31.988 MW

Group II Projects commissioned after 28.12.1999 upto 31.03.2003 is 366.54 MW

Group III Projects commissioned after 1.04.2003 upto 31.03.2010 is 1422.13 MW

Group IV projects Commissioned after 01.04.2010 upto Mar 2013 is 625 MW.

ii. 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 101 EPA's were executed with MSEDCL involving installed capacity generation to the tune of 1527.91 MW. The installed generation capacity in operation for sale to MSEDCL upto 31.03.2013 is 925 MW out of which the projects commissioned in the F.Y. 2012-13 (upto 31.03.2013) is 165.20 MW.

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

iii. 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 31.03.2013 is 127 MW and the New projects commissioned in the F.Y. 2011-12 (upto 31.03.2013) is NIL.

iv. 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. 382 MW) and from Government owned and private small hydro projects also.

The commissioned capacity(Sale to MSEDCL) of private and Govt. owned small hydro projects upto 31.03.2013 is 56.75 MW (Other than MSPGCL hydro projects) out of which the projects commissioned in F.Y. 2012-13 (upto 31.03.2013) are 1.2 MW.



v. Solar Projects :

Further, MSEDCL has also executed EPAs with Solar Power Projects for total capacity of 162 MW. As on 31.03.2013 the installed/commissioned capacity (Sale to MSEDCL) is 147 MW.

h. RURAL ELECTRIFICATION 2012-2013 :

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, 40803 nos. of villages and 377 nos. of towns have been electrified as on 31.03.13 as per preliminary survey carried out. The company has energized 1,58,937 agricultural pumpsets during the year 2012-2013. With the implementation of this programme, total pumpsets energized in the State are 39,02,135 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 1314 agricultural pumpsets in tribal sub-plan area during 2012-2013 bringing the total no. of pumpsets energized in tribal sub-plan area to 1,53,814.

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 2012-2013 a total of 20,029 such connections have been released, out of which 11,069 pertains to Scheduled Castes and Nav Buddhists. So far a total of 17,20,947 connections have been released to these five categories, out of which 9,92,674 pertains to Scheduled Castes and Nav Buddhists.



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

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

The policy is aimed at:-

- Provision of access to electricity to all households by year 2011.
- Quality and reliable power supply at reasonable rates.
- Minimum lifeline consumption of 1 Unit per household per day as a merit good by year 2012.
- Electrifying all villages as per census 2001 with new definition.

To improve infrastructure in rural area and to electrify all villages (as per new definition i.e. having population more than 100) as per census 2001 and households, MoP, GOI has declared Rajiv Gandhi Gramin Vidyutikaran Yojana in March 2005. Accordingly, it is decided to give electric supply to all Below Poverty Line (BPL) households by charging Rs.15 per connections as security deposit. No service connections cost to be recovered from such beneficiaries.

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

Under three tier Quality Monitoring Mechanism for RGGVY scheme, M/s RECPDCL on the behalf of MSEDCL, M/s Voyants on the behalf of REC and M/s Intertek on the behalf of MoP are the third party monitoring agencies which inspects the materials used and quality of works executed under RGGVY scheme.

In Maharashtra state under Xth Plan RGGVY scheme, four districts for Gondia, Nanded, Solapur and Dhule were sanctioned by MoP and approved the grant of Rs.86.23 crores. Xth Plan scheme works are completed in June 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 scheme works are under progress and are on the verge of completion.

Additional DPR under RGGVY scheme for Solapur District has been sanctioned by REC for amount of Rs.34.99 crore for the release of 19279 no. of BPL connections. Same is been approved by Board, vide B. R. No. 114 dated 07.05.2012. MoP has given the approval for Rs. 33.64 Crs. and the work of scheme is in progress.



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

1	Total Districts	:	33
2	Total. Projects	:	34
3	Total No. of villages as per Census 2001	:	41095
4	Total No. of Electrified villages	:	36010
5	Total No. of Unelectrified village as per new definition of village electrification	:	5085
6	Total No. of Villages to be electrified by conventional method	:	4709
7	Total No. of Villages to be electrified by unconventional method	:	376
8	Total No. of Households including BPL Households	:	11341705
9	Total No. of BPL Households	:	3111056
10	a) Total No. of Unelectrified BPL Households covered in RGGVY	:	1876391
	b) Total No. of Unelectrified BPL Households final freezed for connection purpose in RGGVY (X th and XI th Plan)	:	1184415
11	Total No. of Unelectrified BPL Households covered for connection purpose in Supplementary XI th Plan RGGVY Scheme		19,279
12	Total No. of unelectrified villages As per new definition	:	4709
13	Proposed Basic Infrastructure		
	i) H. T. Lines	-	5218.107 Kms
	ii) L.T. Lines	-	8506.01 Kms.
	iii) 25 KVA Transformers	-	9015
14	Freezed Coverage for Basic Infrastructure (Supplementary XI th Plan)		
	a) H.T. Lines	-	422.44 Kms
	b) L. T. Lines	-	982.12 Kms
	c) Transformers	-	573 Nos.



The Financial and Physical Progress of RGGVY Scheme (Xth & XIth Plan Supplementary XIth Plan) (As on 31.03.2013)

1	Total Award Cost	:	
	a) X th Plan (Phase-I)	-	Rs.81.91 Cr
	b) XI th Plan (Phase-II)	-	Rs.747.53 Cr
	c) Under Supplementary XI th Plan		Rs. 31.45 Cr.
2	Total. Sanctioned Scheme Cost approved by MoP	:	
	a) X th Plan (Phase-I)	-	Rs.86.23 Cr
	b) XI th Plan (Phase-II)	-	Rs.729.66 Cr
	c) Under Supplementary XI th Plan		Rs. 33.64 Cr.
3	Total funds received towards RGGVY Scheme (X th + XI th Plan+Supplementary XI th Plan)	:	Rs.584.54 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 for RGGVY Scheme in XI th Plan	:	Rs. 543.04 Cr
6	Total expenditure incurred under Supplementary XI th Plan RGGVY Scheme	:	Rs. 4.96 Cr
7	Total expenditure incurred for RGGVY Scheme in (X th + XI th Plan+ Supplementary XI th Plan)	:	Rs. 634.49 Cr
8	Final Freezed BPL Households for Connection	:	11,84,415 Nos.
9	BPL Connections released under X th Plan	:	2,08,501 Nos.
10	BPL Connections released under XI th Plan	:	9,77,847 Nos.
11	Total BPL Connections released (X th + XI th Plan)	:	11,86,348 Nos.
12	BPL connections released under Supplementary XI th Plan	:	1,442 Nos.
13	Villages Electrified as per new definition	:	4,709 Nos.
14	Infrastructure Progress (X th + XI th Plan)	:	
	i) H. T. Lines	-	3389.06 Kms
	ii) L.T. Lines	-	9193.68 Kms.
	iii) Transformers	-	8497 Nos.



15	Infrastructure Progress (Supplementary XI th Plan)		
	i) H. T. Lines		91 Kms
	ii) L.T. Lines		102.66 Kms.
	iii) Transformers		116 Nos.
16	Project Completion Date	:	
	a) X th Plan (Phase-I)	-	Completed in the month of Mar- 2010
	b) XI th Plan (Phase-II)	-	Sep 2013
	C) Supplementary XI th Plan)	-	July 2014
	Total Funds received towards RGGVY Scheme in the year 2012-13	:	Rs.11.48 Cr
	Total expenditure incurred for RGGVY Scheme in the year 2012-13	:	Rs.22.31 Cr
	Target of BPL Connections to be released in the year 2013-14	:	20,000 Nos.
	BPL Connections released during the year 2012-13	:	19,412 Nos.

Note:

1. Earlier project cost was as per the closure proposal submitted to REC. however REC has given the approval for the project cost of Rs. 86.48 Cr.
2. The BPL connections released under Xth plan are as per the final closure proposal approved by REC.
3. The progress of HT line is as per the closure proposal sanctioned by REC under Xth plan. Hence there is variation in total HT line erected under Xth & XIth plan.



Annexure-3:

33kV & 22kV Sub-Transmission Lines energized during 2012-13

Sr. No	Name of Line	District	Length in CKT-KMS	Date of Energisation
MARATHWADA REGION:				
AURANGABAD ZONE				
1	33 KV S/C Line from 33 kV Ambad S/S to 33 KV Karjat S/S	Jalna	13.00	08.10.2012
2	33 KV U/G Cable from 33 kV L Sector S/stn to M/s. Sterlite Optical Technologies Ltd. E-1,E-2,E-3 ,MIDC Waluj	Aurangabad	0.32	01.12.2011
3	33 KV U/G Cable from 132 kV Waluj to M/s Endurance Technologies Ltd, B-2, MIDC Waluj, A'bad	Aurangabad	0.33	31.12.2011
4	33 KV U/G Cable from 132 kV Waluj to M/s Cosmo Films , B-14 , MIDC Waluj, A'bad	Aurangabad	0.08	13.01.2012
5	33 KV U/G Cable from 132 kV Waluj to M/s Balkrishna Industries Ltd., B-66, MIDC Waluj, Aurangabad	Aurangabad	1.37	09.02.2012
6	33 KV U/G Cable from 132 kV Waluj to M/s NRB LTD , P.NO.E-72/ MIDC Waluj, Aurangabad	Aurangabad	0.12	02.05.2012
7	33 KV U/G Cable from 33 kV L Sector S/stn to M/s Varroc Engineering Pvt. Ltd, M-191/3 MIDC Waluj, Aurangabad	Aurangabad	2.90	21.05.2012
8	33 KV U/G Cable from 132 kV Chikalthana to M/s Tapadiya and Kasliwal Associates,Mall & Cine Screen, CST NO.1530611, Garkheda, Aurangabad.	Aurangabad	0.04	05.06.2012
9	33 KV U/G Cable from 33 kV L Sector S/stn to M/s Mylan Laboratories Ltd., Plot. No. H-12 & 13, MIDC Waluj, Aurangabad	Aurangabad	2.80	02.02.2013
10	33 KV U/G Cable from 33 kV L Sector S/stn to M/s Endurance Technologies Ltd., Plot No. K-228/229, MIDC Waluj, Aurangabad	Aurangabad	0.83	07.09.2012
11	33 KV U/G Cable from 33 kV L Sector S/stn to M/s Varroc Polymers Pvt. Ltd., P. No. M-138 & M-139, MIDC Waluj, Aurangabad	Aurangabad	0.09	19.11.2012
12	33 KV U/G Cable from 33 kV L Sector S/stn to M/s United Breweries Ltd., P.No. L-10, MIDC Waluj, Aurangabad	Aurangabad	0.06	13.01.2013
13	33 KV U/G Cable from 132 kV Waluj to M/s Metal Man Auto Pvt. Ltd., P.No. B-12, MIDC Waluj, Aurangabad	Aurangabad	0.03	21.03.2013
Total			21.96	CKT-KMS

NOTE: & denotes Lines not reported Earlier.



Sr. No	Name of Line	District	Length in CKT-KMS	Date of Energisation
<u>MARATHWADA REGION:</u>				
<u>LATUR ZONE</u>				
1	33 KV Dhanora Road line tapping to 33/11 KV Barshi Naka, Beed S/S (New)	Beed	2.20	14.10.2012
2	33 KV Rajuri line tapping to 33/11 KV Pimpalwadi S/S (new)	Beed	9.40	06.12.2012
3	33 KV Dhanora line tapping to 33/11 KV Takali Amia S/S (new)	Beed	2.78	16.01.2013
4	33 KV Pendgaon line tapping to 33/11 KV Jalna Road, Beed S/S (New)	Beed	1.50	14.02.2013
5	33 KV Dhanora line tapping to 33/11 KV Wahira S/S (new)	Beed	8.98	08.03.2013
6	33 KV Dhamangaon line extended to 33/11 KV Doula Wadgaon S/S (new)	Beed	8.85	24.03.2013
7	Tap to 33kv Donja feeder from 33kv Sonari to 33KV Donja s/s	O'bad	9.50	30.04.2012
8	Tap feeder from 33 KV Murum to 33KV Yenegur s/s	O'bad	12.60	16.01.2013
9	Tap to 33KV Kanegaon feeder from 132 KV Ujani	O'bad	10.20	30.12.2012
10	33KV Mangrul feeder from 220 KV Tuljapur	O'bad	15.90	19.09.2012
11	33KV link line from 220 KV Osmanabad to 33KV Phoner tap	O'bad	6.70	26.10.2012
12	Yeoti feeder from 220 KV Tuljapur s/s	O'bad	18.30	09.01.2013
13	33KV Paranda feeder from 220KV Paranda	O'bad	4.90	21.10.2012
14	33KV Jawala feeder from 220KV Paranda	O'bad	13.70	21.10.2012
15	33KV Tuljapur feeder from 220KV Tuljapur	O'bad	4.50	16.01.2013
16	33KV Link line from Sawargan to Kati s/s	O'bad	13.40	13.11.2012
17	33KV Malumbra feeder from 220KV Tuljapur	O'bad	3.30	16.01.2013
18	33KV Bhoom tap line from 132KV Bhoom	O'bad	12.10	21.10.2012
19	132KV Naldurg to 33 KV s/s Horti	O'bad	16.20	28.04.2012
		Total	175.01	CKT-KMS
<u>NANDED ZONE</u>				
1	132 KV Ardhapur to 33 KV Bhosi S/sn	Nanded	58.10	04.06.2012
2	132 KV Dighol to 33 KV Sonpeth	Parbhani	9.75	01.01.2013
3	132 KV Kamtha Malegaon Tapping to 33 KV Sandas	Hingoli	9.00	25.08.2012
4	33 KV s/c Line from 33 kV Lohgaon S/S to 33 KV Siddheshwar S/S	Hingoli	16.72	17.06.2012
		Total	93.57	CKT-KMS
<u>SUB TOTAL FOR MARATHWADA REGION</u>			290.54	CKT-KMS



Sr. No	Name of Line	District	Length in CKT-KMS	Date of Energisation
<u>WESTERN MAHARASHTRA REGION:-</u>				
<u>BHANDUP URBAN ZONE</u>				
1	22 kV U/G Cable	Mumbai (Thane)	7.32	During 2012-13
2	22 kV S/C Line	Thane (Thane)	0.39	During 2012-13
3	22 kV U/G Cable	Thane (Thane)	98.17	During 2012-13
4	33 kV U/G cable	Thane (Vashi)	50.64	During 2012-13
5	22 kV U/G Cable	Thane (Vashi)	24.76	During 2012-13
6	33 KV O/H line from 400 KV to 33/22/11 KV Kamothe S/sn	Raigad (Vashi)	3.00	During 2012-13
7	33 kV U/G Cable	Raigad (Vashi)	3.60	During 2012-13
8	22 kV S/C Line	Raigad (Vashi)	20.30	During 2012-13
9	22 kV U/G Cable	Raigad (Vashi)	6.27	During 2012-13
10	22 kV S/C Line	Thane (Bhiwandi)	7.15	During 2012-13
11	22 kV U/G Cable	Thane (Bhiwandi)	44.49	During 2012-13
		Total	266.07	CKT-KMS
<u>PUNE ZONE</u>				
1	33 kV U/G cable from 33 kV Bridge Stone to Hundai Motors	Pune (PRC)	1.00	During 2012-13
2	22 kV S/C Line	Pune (PRC)	37.27	During 2012-13
5	22 kV S/C Line	Pune (Ganeshkhind)	3.03	During 2012-13
6	22 kV U/G Cable	Pune (Ganeshkhind)	42.52	During 2012-13
7	22 kV S/C Line	Pune (Rastapeth)	1.59	During 2012-13
8	22 kV U/G Cable	Pune (Rastapeth)	78.10	During 2012-13
		Total	163.51	CKT-KMS



Sr. No	Name of Line	District	Length in CKT-KMS	Date of Energisation
<u>KOLHAPUR ZONE</u>				
1	33 kv s/c line Nandani feeder from 110/33 kv Jaysingpur S/tn	Kolhapur	5.40	02.04.2012
2	33 kv Tap line to gangatara fdr from 33/11kv shahapur S/tn	Kolhapur	0.24	05.04.2012
3	33 kv Tap line to Gargoti fdr from 110/33 kv Radhanagari S/tn	Kolhapur	4.00	04.05.2012
4	33 kv Tap line to Gargoti feeder from 220/33 kv Mumewadi S/tn	Kolhapur	12.00	28.06.2012
5	33kv U/G cable from 110/33 kv Shirolu S/stn	Kolhapur	1.58	06.06.2012
6	33 kv Mudshingi feeder from 220/33 kv Mudshingi S/tn	Kolhapur	0.24	03.09.2012
7	33 kv Tap line to Industrial feeder from 110/33kv Jaysingpur S/tn	Kolhapur	1.00	24.09.2012
8	33 kv Tap line to Awali feeder from 110/33kv Radhanagari S/tn	Kolhapur	2.00	05.07.2011
9	33 kv Tap line to Halkarni feeder from 220/33 kv Mumewadi S/tn	Kolhapur	9.00	30.09.2012
10	33 kv Tap line to Industrial feeder from 110/33kv Jaysingpur S/tn	Kolhapur	1.70	06.11.2012
11	33 kv Tap line Old Laxmi. from 220/33 kv Tilavani S/tn	Kolhapur	0.12	05.11.2012
12	33kv Kurani feeder emanating from 220/33 kv Hamidwad S/stn	Kolhapur	24.50	01.12.2012
13	33kv Tap line to Tillari feeder emanating from 220/33 kv Halkarni S/stn	Kolhapur	0.30	19.01.2013
14	33kv Tap line to Chandgad fdr emanating from 220/33 kv Halkarni S/stn	Kolhapur	1.80	05.03.2013
15	33 kV s/c new line from 110 KV Jath to 33/11KV Dhawadwadi S/Stn	Sangli	17.50	15.06.2012
16	33 kV s/c new line from 110 KV Jath to 33/11KV Girgyal	Sangli	21.00	14.12.2012
17	33 kV s/c new line from 110 Tasgaon to 33/11KV Nandre	Sangli	12.32	26.04.2012
18	33 kV Tap line from Ankalkhop S/S to 33/11KV Dhangaon	Sangli	5.01	02.07.2012
19	33KV Tap line from 33/11Manerajuri S/Stn to 33/11KV Kolage	Sangli	9.97	02.07.2012
20	33KV tap line from Prakash Agro LIS Consumer to 33/11KV Malgaon	Sangli	4.29	01.08.2012
21	33 KV s/c new line from 132 KV Rile S/Stn to 33/11KV MIDC Shirala	Sangli	14.00	03.08.2012



Sr. No	Name of Line	District	Length in CKT-KMS	Date of Energisation
<u>KOLHAPUR ZONE</u>				
22	33 KV s/c new line from 132 KV Rile S/Stn to 33/11KV Kandoor	Sangli	8.20	19.12.2012
23	33KV Kurlap feeder tap at Ladegaofata to 33/11KV Karanjawade	Sangli	5.37	27.07.2012
24	33 kv s/c new line from 110 KV Ashta to 33/11KV Ashta	Sangli	0.06	10.02.2013
25	33KV line at existing 33/11Vaiphale from 110kv Sawlaj EHV to 33/11KV Hiware	Sangli	12.00	22.01.2013
26	33 KV s/c new line from 220KV Wangi EHV to 33/11KV Bhikwadi (BK)	Sangli	22.00	25.01.2013
27	33kv tap U/G tap line from 33/11Vijaynagar S/st (110 KV Vishrambag) to 33/11 Kupwad	Sangli	2.50	01.09.2012
		Total	198.10	CKT-KMS
<u>BARAMATI ZONE</u>				
1	33 KV D/C Line from 220KV Surawadi to Surawadi / Kapashi	Satara	1.50	06.11.12
2	32 KV U/G line from 132KV Wai S/stn to Jagtap hospital Wai	Satara	2.80	31.03.13
3	33 KV s/c line from 132 KV Satara-Road to 33 KV Wadachiwadi	Satara	16.65	16.07.2012
4	33 KV s/c line from 33 KV Koregaon to 33 KV Wadachiwadi	Satara	8.35	16.07.2012
5	33 KV s/c line from Tap 1 at Dolegaon to Bhatmarli	Satara	3.00	03.03.2013
6	33 KV s/c line from Tap 2 at Dolegaon to Bhatmarli	Satara	3.00	03.03.2013
7	33 KV s/c line from 33KV Phaltan to Somanthali	Satara	6.70	26.06.12
8	33 KV s/c line from 132KV Phaltan to Bedakewasti	Satara	21.00	30.12.12
9	33 KV s/c line from 132/33 KV Aundh to 33/11 KV Gopuj	Satara	4.50	16.07.12
10	33 KV s/c line from 33/11KV Mhaswad to 33/11 KVPalashi	Satara	9.00	01.06.12
11	33 KV s/c line from 132KV/33KVDahiwadi to 33/11 KV Palashi	Satara	18.00	01.06.12
12	33 KV s/c line from 132/33 Kv s/stn Sangola to 33/11 kv s/stn Wadegaon	Solapur	1.00	01.05.2012
13	33 KV s/c line from 132/33 Kv s/stn Sangola to 33/11 kv s/stn Chopadi	Solapur	4.83	14.05.2012
14	33 KV s/c line from 132/33 Kv s/stn Sangola to 33/11 kv s/stn Akola	Solapur	2.58	15.05.2012
15	33 KV s/c line from 132/33 Kv s/stn Sangola to 33/11 kv s/stn Manegaon	Solapur	3.50	19.05.2012



Sr. No	Name of Line	District	Length in CKT-KMS	Date of Energisation
	<u>BARAMATI ZONE</u>			
16	33 KV s/c line from 220/110/33 kv Pandharpur to 33/11 kv s/stn Palashi	Solapur	3.20	14.05.2012
17	33 KV s/c line from 220/110/33 kv Pandharpur to 33/11 kv s/stn Shewate	Solapur	1.20	25.06.2012
18	33 KV s/c line from 132/33 kv s/stnKurduwadi to 33/11 kv s/stn Kolgaon	Solapur	7.40	28.07.2012
19	33 KV s/c line from 132/33 kv Akkalkot to 33/11 kv s/stn Motyal	Solapur	4.10	28.07.2012
20	33 KV s/c line from 132/33 kv s/stnKurduwadi to 33/11 kv s/stn Padsali	Solapur	3.10	04.08.2012
21	33 KV s/c line from 132/33 kv s/stnKurduwadi to 33/11 kv s/stn Chobe Pimpri	Solapur	3.50	04.08.2012
22	33 KV s/c line from 33 /11 kv s/stnKhupsungi to 33/11 kv s/stn Andhalgaon	Solapur	8.00	12.09.2012
23	33 KV s/c line from 132/33 kv Purandwade to 33/11 kv s/stn Mandave	Solapur	7.27	26.03.2013
24	33 KV s/c line from 220KV Baramati to Piaggio	Pune	3.12	Apr-12
25	33 KV U/G line from 220KV Baramati to Piaggio	Pune	0.04	Apr-12
26	33 KV s/c line from 220KV Baramati to 33 KV Mekhali S/stn	Pune	11.82	29.06.12
27	33 KV U/G line from 220KV Baramati to 33 KV Mekhali S/stn	Pune	0.08	29.06.12
28	33 KV s/c line from 132KV Indapur to 33 KV wadapuri S/stn	Pune	12.50	16.10.12
29	33 KV s/c line from 132KV Padavi S/Stn to 33 KV Supa S/stn	Pune	8.33	Mar-13
30	33 KV s/c line from Mudre steel to Adinath	Pune	0.40	Jun-12
31	33 KV s/c line from 33/11kV Sahajpur Sb Stn to M/s.Suttati	Pune	0.24	Apr-12
32	33 KV s/c line from 33/11kV Sahajpur Sb Stn to 33/11kV Dahitne Sb Stn	Pune	10.00	May-12
33	33 KV s/c line from 33/22kV Bhigwan Sb stn to 33kV Rawangaon	Pune	15.00	Sep-12
34	33 KV s/c line from 33/11kV Takli Haji Sb Stn to 33/11kV Jambut Sb Stn	Pune	20.00	Sep-12
35	33 KV S/C Line from 132/33/22 KV Sanaswadi Sb Stn 33/22kV Pimpale Jagtap Sb Stn	Pune	20.00	Mar-13
36	33 KV D/C Line from 220/33KV Bhigwan to 33/11KV Shetphalgade S/Stn (was declared as S/C in 2011-12)	Pune	4.97	Apr-12



Sr. No	Name of Line	District	Length in CKT-KMS	Date of Energisation
<u>BARAMATI ZONE</u>				
37	34 KV D/C Line from 220/33KV Kurkumbh to 33/11KV Shirsuphal S/Stn (was declared as S/C in 2011-12)	Pune	1.46	Mar-12
38	33 KV D/C Line from 220/33KV Kurkumbh to 33/11KV Shirsuphal S/Stn (conversion of S/C to Double circuit line)	Pune	14.08	Jan-12
39	33 KV D/C Line from 132KV Padavi S/Stn to Supa (conversion of S/C to Double circuit line)	Pune	2.94	Mar-13
		Total	269.158	CKT-KMS
<u>KONKAN ZONE</u>				
1	Satawali tap (33Kv Rajapur feeder from 110/33 Kv EHV S/S to Chandore S/S)	Ratnagiri	7.52	24.07.2012
2	33/11Kv Bhamebed S/S(33Kv Oni feeder from 220/33 Kv EHV S/S to Sakharappa S/S)	Ratnagiri	23.50	15.09.2012
		Total	31.02	CKT-KMS
<u>KALYAN ZONE</u>				
1	22 kV S/C Line	Thane (Kalyan- I)	7.50	During 2012-13
2	22 kV U/G Cable	Thane (Kalyan- I)	14.54	During 2012-13
3	22 kV s/c Line	Thane (Kalyan- II)	27.49	During 2012-13
4	22 kV U/G Cable	Thane (Kalyan- II)	1.71	During 2012-13
5	22 kV D/C Line	Thane (Vasai)	6.50	During 2012-13
6	22 kV S/C Line	Thane (Vasai)	44.20	During 2012-13
7	22 kV U/G Cable	Thane (Vasai)	5.09	During 2012-13
8	22 kV D/C Line	Raigad (Pen)	21.00	During 2012-13
9	22 kV S/C Line	Raigad (Pen)	105.29	During 2012-13
10	22 kV U/G Cable	Raigad (Pen)	16.27	During 2012-13
		Total	249.59	CKT-KMS



Sr. No	Name of Line	District	Length in CKT-KMS	Date of Energisation
	<u>NASHIK ZONE</u>			
1	33 kV U/G cable from 132/33 kV Satpur S/S to 33/11 kV Shalimar S/S	Nashik	2.89	27.08.2012
2	33 kV s/c line from 132/33 kV Mhasrul S/S to 33/11 kV Mhasrul S/S	Nashik	5.95	04.02.2013
3	33 kV U/G cable from 132/33 kV Mhasrul S/S to 33/11 kV Mhasrul S/S	Nashik	2.30	04.02.2013
4	33 kV s/c line from 132/33 kV Mhasrul S/S to 33/11 kV Pumping (Gangapur, Nashik) S/S	Nashik	8.00	02.02.2013
5	33 kV U/G cable from 132/33 kV Mhasrul S/S to 33/11 kV Pumping (Gangapur, Nashik) S/S	Nashik	2.50	02.02.2013
6	33 kV s/c line from 132 kV Mahindra & Mahindra S/s to 33 KV Shramik nagar S/S	Nashik	1.50	26.12.2012
7	33 kV s/c line from 132 kV Ambad S/s to 33 KV Chunchale S/S	Nashik	2.60	29.07.2012
8	33 kV s/c line from 132 KV Kasbe sukene to 33 KV Kasbe sukene S/S	Nashik	0.24	22.12.2012
9	33 kV s/c line from 220 KV Satana S/Sn to 33/11 KV Wasul S/Sn	Nashik	12.40	22.10.2012
10	33 kV s/c line from 132 KV Manmad S/Sn to 33/11 KV New Mohegaon S/Sn	Nashik	11.50	27.07.2012
11	33 KV Patoda S/sn to 33 KV Jalgaon Neur S/S Link Line	Nashik	9.00	Feb-13
12	33 KV Jindal Tap line to 33 KV Samnera S/Sn	Nashik	11.00	11.08.2012
13	33 kV s/c line from 33/11 kV Nimgaon S/S to 33/11 kV Malgaon S/S	Nashik	10.80	Jan-13
14	33 kV s/c line from 33/11 kV Bhaur S/S to 33/11 kV Bhej S/S	Nashik	4.54	Jan-13
15	From 33 kV Otur tap to 33/11 kV Pale	Nashik	5.90	Mar-13
16	33 kV s/c line from 33 KV Mehekari S/Sn to 33 KV New Narayan Doh S/Sn	Ahmednagar	14.35	01.05.2012
17	33 KV Tap line from 132 KV Newasa S/Sn to 33KV Shirasagaon s/s Line for new 33KV Pravarasangam/Khadaka s/s	Ahmednagar	1.40	12.06.2012
18	33 KV s/c line from 220KV Soundala s/s to 33KV New Bhatkudgaon s/s	Ahmednagar	18.00	12.06.2012
19	33KV Tap line from 132KV Pathardi s/s to 33KV Shevgaon s/s Line for new 33KV Pagori Pimpalgaon s/s	Ahmednagar	7.10	25.12.2012
20	33 KV D/C Line from 132 KV Pathardi S/sn to Kherda for new 33KV Pagori Pimpalgaon s/s	Ahmednagar	2.30	25.12.2012



Sr. No	Name of Line	District	Length in CKT-KMS	Date of Energisation
	<u>NASHIK ZONE</u>			
21	33 KV U/G cable from 132 KV Pathardi to 33 KV Pathardi S/sn	Ahmednagar	0.15	10.11.2012
		Total	134.42	CKT-KMS
	<u>JALGAON ZONE</u>			
1	33 KV S/c line from 132 KV Pahur s/stn to 33 KV Tondapur s/stn	Jalgaon	17.87	20.05.2012
2	33 KV S/c line from 33 KV Deepnagar Jamner to 33/11 KV Garkheda s/stn	Jalgaon	0.18	20.05.2012
3	33 KV S/c line from 33 KV Yawal s/stn to 33 KV Thorgavhan s/stn	Jalgaon	15.995	12.06.2012
4	33 KV S/c line from 132 KV Pachora s/stn to 33/11 KV Girad s/stn	Jalgaon	4.7	25.06.2012
5	33 KV S/c line from 132 KV Pachora s/stn to 33/11 KV MIDC Pachora	Jalgaon	6.628	25.08.2012
6	33 KV S/c line from 33 KV Deepnagar Jamner to 33/11 KV Kinhi MIDC s/stn	Jalgaon	3.5	20.11.2012
7	33 KV S/c line from 132 KV Chalisgaon s/stn to 33 KV Bahal s/stn	Jalgaon	20	24.01.2013
8	33 KV U/G line from Pachora to Pachora	Jalgaon	0.62	24.01.2013
9	33 KV S/c line from 132 kV New MIDC to 33 KV ITI	Jalgaon	11	30.04.2012
10	33 KV S/c line from 132 kV New MIDC to 33 KV Powerhouse S/S	Jalgaon	2	30.04.2013
11	33 KV S/c line from 33 kV Jain Vallley to 33 KV Wavlada	Jalgaon	8	30.04.2014
12	33/11 kV Hudko to 33/11 kV Girna Pumping	Jalgaon	2.5	07.11.2012
13	33 KV S/c line 220 kV Patharada to 33/11 kv Kanalada S/S	Jalgaon	14	30.04.2013
14	33 KV U/G line 132 kV Old MIDC to Ajantha	Jalgaon	1.2	30.04.2013
15	33 KV S/c line 132 kV New MIDC to V zone	Jalgaon	3	30.04.2013
16	33 kv s/c line from 132/33 kv Sakri S/S to 33/11 kv Shevali S/S	Dhule	0.500	30.04.2012
17	33 kv s/c line from 132 kv Nardhana S/S to 33/11 kv Betawad S/S	Dhule	12.680	18.05.2012
18	33 kv s/c line from 33/11 kv Nakane S/S to 33/11 kv War Kundane S/S	Dhule	0.020	18.05.2012
19	33 kv s/c line from 33/11 kv Boris S/S to 33/11 kv Ganesh Textiles S/S	Dhule	2.250	16.06.2012
20	33 kv s/c line from 33/11 kv Boris S/S to 33/11 kv Sayane Fata S/S	Dhule	4.000	18.03.2013



Sr. No	Name of Line	District	Length in CKT-KMS	Date of Energisation
	<u>JALGAON ZONE</u>			
21	33 kV s/c line from 132/33 kV Visarvadi S/S to 33/11 kV MIDC S/S	Nandurbar	18.990	16.04.2012
22	33 kV s/c line from 132/33 kV Patonda S/S to 33/11 kV Palashi S/S	Nandurbar	8.040	17.08.2012
		Total	157.67	CKT-KMS
	<u>SUB TOTAL FOR WESTERN MAHARASHTRA REGION</u>		1469.54	CKT-KMS
	<u>VIDARBH REGION:-</u>			
	<u>NAGPUR ZONE</u>			
1	Tapped from 33 KV line from 132 KV Sakoli S/s to 33 KV Dongargaon S/s to 33 KV Wadad S/S.	Bhandara	7.331	14.05.2012
2	Tapped from 33 KV line from 132 KV Asgaon S/s to 33 KV Lakhandur S/s to 33 KV Masal S/S	Bhandara	8.867	02.04.2012
3	33 KV s/c line from 66 KV Seloo S/S to 33 KV Seloo S/S.	Wardha	0.390	11.11.2012
4	33 KV s/c line from 132 KV Deoli S/S to 33 KV Adegaoon S/S.	Wardha	18.200	28.12.2012
5	33 KV D/c line from 33 KV Buttibori S/S to 33 KV Seldoh S/S.	Wardha	20.000	08.01.2013
6	33 KV s/c line from 220 KV Wani S/S to 33 KV Wani-Kutki S/S.	Wardha	1.420	31.07.2012
7	33 KV s/c line from 33 KV Girad S/S to 33 KV Sakhara S/S.	Wardha	14.560	10.03.2013
8	33 KV s/c line from 33 KV Gadchiroli S/S to 33 KV Sawela S/S.	Gadchiroli	0.300	14.09.2012
9	33 KV s/c line from 33 KV Jiwati S/S to 33 KV Ambezari S/S.	Chandrapur	0.500	13.03.2013
10	33 KV U/G Cable from 220 KV MIDC S/S to 33 KV MIDC S/S.	Chandrapur	0.200	11.03.2013
11	33 KV s/c line from 33 KV Tiroda S/S to 33 KV Birsi S/S.	Gondia	9.800	24.05.2012
12	33 KV D/c Goregaon line from, 132 KV MIDC Gondia tapped to Parwati ghat	Gondia	2.460	08.10.2012
13	33 KV D/c U/G cable from 132 KV MIDC Gondia tapped to Parwati ghat	Gondia	0.5195	08.10.2012
14	33 KV s/c line from 220 KV Kawlewada S/S to 33 KV Paraswada S/S.	Gondia	16.80	21.11.2012



Sr. No	Name of Line	District	Length in CKT-KMS	Date of Energisation
<u>NAGPUR ZONE</u>				
15	33 KV U/G Cable from 220 KV Kawlewada S/S to S/S bay	Gondia	0.200	21.11.2012
16	33 KV U/G Cable from 220 Kawlewada S/s part of 33 KV Paraswada S/S.	Gondia	0.706	21.11.2012
		Total	102.25	CKT-KMS
In Gadchiroli District 2.4 KM of 33 KV Line deleted during the year.				
<u>NAGPUR URBAN ZONE</u>				
1	33 kV s/c line from 132 Bharsingi S/S to 33/11 kV Paradsinga S/S	Nagpur	3.320	05.11.2012
2	33 kV U/G Cable from 132 KV Bharsingi S/S to 33/11 kV Bharsingi S/S	Nagpur	1.000	14.08.2012
3	33 kV U/G Cable from 33/11 KV Wanadongri S/S to 33/11 kV Sawangi S/S	Nagpur	0.800	24.02.2013
4	33 kV s/c line from 132 KV Khapri S/S to 33/11 kV Mihan S/S	Nagpur	1.120	5.10.12 & Handed over to MSEDCL on 15.1.13 by MADC
5	33 kV U/G s/c line from 33 KV Medical Square S/S to 33/11 kV Chatrapati S/S (Pardi Ckt)	Nagpur	5.000	25.07.2012
6	33 kV U/G s/c line from Hingna T Point from Hingna-I s/s to 33/11 kV Trimurti Nagar S/S	Nagpur	1.500	20.09.2012
7	33 kV U/G s/c line from Hingna T Point from Hingna-I s/s to 33/11 kV Trimurti Nagar S/S to 33/11 kV Chatrapati S/S	Nagpur	4.500	20.09.2012
8	33 kV U/G s/c line from 132 KV Mankapur S/S to 33/11 kV Sitabuldi S/S	Nagpur	3.500	04.06.2012
		Total	20.74	CKT-KMS
<u>AMRAVATI ZONE</u>				
1	33 KV S/C Line from New 220KV Shelad S/stn to 33/11KV Kanheri G S/stn	Akola	3.50	26.01.2013
2	33 kV tap on 33KV Adgaon Feeder emanating from 132KV Akot S/stn to 33/11KV Akot MIDC S/stn	Akola	0.80	30.01.2013
3	33 KV Tap on 33KV Wani R Feeder emanating from 132KV Durgwada S/stn Murtizapur to 33/11KV Sonori S/stn	Akola	3.500	08.04.2012



Sr. No	Name of Line	District	Length in CKT-KMS	Date of Energisation
<u>AMRAVATI ZONE</u>				
4	New 33KV Line emanating from 220KV Apatapa S/stn to 33/11KV New Tapadiya Nagar S/stn to 33/11KV Tukaram Chowk S/stn	Akola	4.500	18.06.2012
5	33 KV feeder Tapped from 33KV Khadki Feeder emanating from 132KV MIDC S/stn (Near Shivani Railway Bridge) to 33/11KV Tukaram Chowk S/stn	Akola	3.450	18.04.2012
6	33 KV U/G Cable Tapped from 33KV Khadki Feeder emanating from 132KV MIDC S/stn to 33/11KV Collector Office S/stn	Akola	2.500	15.12.2012
7	33 KV U/G cable Tapped on Shivani Railway Bridge to Railway Crossing at Shivani Bridge	Akola	0.250	18.04.2012
8	33 KV S/C line from 132KV Risod S/stn to 33/11 KV Chikhali S/stn	Washim	18.420	19.10.2012
9	33 KV S/C line from 132KV Risod S/stn to M/s Balaji Sutgirni, Manwadi	Washim	4.000	21.04.2012
10	33 KV U/G Cable from 132KV Warud S/stn to 33 KV Warud S/S.	Amravati	0.900	28.01.2013
11	33 KV s/c line from 33 KV Ralegaon S/stn to 33 KV Zadgaon S/S.	Yavatmal	13.000	11.08.2012
12	33 KV s/c line from 33 KV Babhulgaon S/stn to 33 KV Sawar S/S	Yavatmal	5.200	05.09.2012
13	33 KV s/c line from 33 KV Mohada S/stn. to 33 KV Antargaon	Yavatmal	12.320	26.09.2012
14	33 KV s/c line from 33KV Kalamb S/stn to 33 KV Kotha S/S	Yavatmal	7.200	15.11.2012
15	33 KV s/c line from 33 KV Talaofail S/stn(Location from Shivgad near Pimpalgaon GramPanchayat) to 33 KV Pimpalgaon S/S	Yavatmal	4.000	20.09.2012
16	33 KV s/c line from 132 KV Jambazar to 33KV Brahmangaon	Yavatmal	6.000	01.11.2012
17	33 KV s/c line from 33KV Dhanki to 33 KV Bitergaon S/S	Yavatmal	8.000	15.01.2013
18	33 KV s/c line from 132 KV Umarkhed to 33KV Sakhara S/S	Yavatmal	10.000	01.12.2012
19	33 KV s/c line from 220 KV Wani to 33 KV Wani S/S	Yavatmal	2.300	05.12.2012
20	33 KV Tapping from 33 KV Dhad S/stn to 33KV Chandol S/stn	Buldhana	5.000	04.04.2012
21	33 KV Tapping Near Sakhlali village to 33KV Sakhal S/stn	Buldhana	2.500	07.05.2012
22	33 KV Tapping Near Mera to 33KV Shelgaon S/stn	Buldhana	9.000	24.05.2012



Sr. No	Name of Line	District	Length in CKT-KMS	Date of Energisation
	<u>AMRAVATI ZONE</u>			
23	33 KV Tapping from 33KV MOP S/stn to 33 KV Titvi S/stn	Buldhana	21.560	27.03.2012
24	33 KV s/c line from Mahalungi to 33KV P'Raja S/stn	Buldhana	15.000	17.06.2012
25	33 KV s/c line from 33 KV Nimgaon S/stn to 33KV Asalgaon S/stn	Buldhana	22.000	12.05.2012
26	33 KV s/c line from Madkhed to 33 KV Asalgaon S/stn	Buldhana	14.600	19.05.2012
27	33 KV s/c line from 33 KV Nandura S/stn to 33 KV Nimgaon S/S	Buldhana	12.000	15.04.2012
28	33 KV U/G Cable from 33KV Nandura S/stn to 33 kv Nimgaon S/S	Buldhana	0.120	07.05.2012
29	33 KV U/G Cable from Motala S/stn to 33 KV Motala S/S	Buldhana	0.120	09.07.2012
		Total	211.74	CKT-KMS
	<u>SUB TOTAL FOR VIDARBH REGION</u>	Total	334.73	CKT-KMS
	<u>TOTAL FOR THE STATE</u>		2094.81	CKT-KMS



Annexure-4

New 33/11 kV Sub-Stations & 22kV Switching Stations commissioned during year 2012-13

Sr. No.	Name of Sub-Station	District	Transformer Capacity in MVA	Date of Commissioning
<u>MARATHWADA REGION:-</u>				
<u>AURANGABAD ZONE</u>				
1	33/11 KV Karjat S/S (P:SI)	Jalna	5.00	08.10.2012
2	33/11 KV Talni S/S (P:SI)	Jalna	5.00	10.04.2012
3	33/11 KV Shivngaon (P:SI)	Jalna	5.00	05.01.2013
		Total	15.00	MVA
<u>LATUR ZONE</u>				
1	33/11 KV Donja S/S (Infra-Ph-I)	Osmanabad	5.00	30.04.2012
2	33/11 KV Mangrul S/S (Infra-Ph-II)	Osmanabad	5.00	19.09.2012
3	33/11 KV Barshi Naka, Beed (R-APDRP)	Beed	10.00	14.10.2012
4	33 /11 KV Pimpalwadi (REC-PSI)	Beed	5.00	06.12.2012
5	33/11 KV Takali Amia S/S (REC-PSI)	Beed	5.00	16.01.2013
6	33/11 KV Jalna Road S/S (R-APDRP)	Beed	10.00	14.02.2013
7	33/11 KV Wahira S/S (REC-PSI)	Beed	5.00	08.03.2013
8	33/11 KV Doula Wadegaon S/S (REC-PSI)	Beed	5.00	24.03.2013
		Total	50.00	MVA
<u>NANDED ZONE</u>				
1	33/11 kV Sandas (Infra-I)	Hingoli	5.00	25.08.2012
2	33/11 kV MIDC Gangakhed (R-APDRP)	Parbhani	5.00	27.03.2013
3	33/11 kV MIDC Jintur (R-APDRP)	Parbhani	5.00	28.12.2012
4	33/11 KV Pethwadaj (P:SI)	Nanded	5.00	01.04.2012
5	33/11 kV Bhosi (Infra-I)	Nanded	5.00	06.04.2012
		Total	25.00	MVA
NOTE: & denotes S/Sn Not reported earlier.				
<u>SUB TOTAL FOR MARATHWADA REGION</u>			90.00	MVA

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Sr. No.	Name of Sub-Station	District	Transformer Capacity in MVA	Date of Commissioning
WESTERN MAHARASHTRA REGION:-				
BHANDUP ZONE				
1	22/11 KV Solaries S/Stn (Infra-II A)	Kurla (Mumbai)	10.00	16.02.2013
2	22/11 KV Soham Tropical S/Stn (Infra-II A)	Thane (Thane)	20.00	29.05.2012
3	22/11 KV Dosti Vihar S/Stn (Infra-II A)	Thane (Thane)	20.00	01.04.2012
4	22/11 KV Everest World S/Stn (Infra-II A)	Thane (Thane)	20.00	04.08.2012
5	22/11 KV Ramnagar S/Stn (Infra-II A)	Thane (Thane)	20.00	18.12.2012
6	22/22 KV Ashar Switching (Infra-II A)	Thane (Thane)	0.00	01.04.2012
7	33/11KV , Sect-12B, Koperkhairane (Infra-II A)	Thane (Thane)	20.00	22.03.13
8	22 / 22 KV Kukshet switching station (Urgent Infra)	Thane (Thane)	0.00	2.05.13
9	33/11 KV Plot No 3B,Sector 30,Nerul (Infra-II A)	Thane (Thane)	20.00	11.05.2013
10	33/11 KV Plot No 6,Sector 30,Nerul (Infra-II A)	Thane (Thane)	20.00	01.04.2012
11	33/11 kV Kalpataru River side S/stn,Panvel City (DDF)	Panvel (Raigad)	10.00	26.01.13
12	33/11 kV & 33/22 KV PI no 44,Sec-9 Kamothe S/stn ,Klm (Infra-II A)	Panvel (Raigad)	25.00	30.08.12
		Total	185.00	MVA
PUNE ZONE				
1	22/22 KV Darode-Jog Switching Stn (DDF)	Pune	0.00	12.11.12
2	22/11 kV ECP Vastu (Infra)	Pune	20.00	26.05.12
3	22/22 kV Park Infinia Switching Stn. (DDF)	Pune	0.00	26.05.12
4	22/11 kV Race Course (Infra)	Pune	20.00	13.04.12
5	22/11 kV Abhiruchi (Infra)	Pune	5.00	01.12.12
6	22/11 kV Nanded City Franchisee (DDF)	Pune	30.00	01.07.12
		Total	75.00	MVA



Sr. No.	Name of Sub-Station	District	Transformer Capacity in MVA	Date of Commissioning
<u>KOLHAPUR ZONE</u>				
1	33/11 kv Nandani S/Stn. (Infra)	Kolhapur	5.00	02.04.2012
2	33/11KV Uttar s/stn (Infra)	Kolhapur	5.00	05.04.2012
3	33/11KV Radhanagari S/STn. (Infra)	Kolhapur	5.00	04.05.2012
4	33/11 kv Tambale S/stn (Infra)	Kolhapur	5.00	28.06.2012
5	33/11 kv D-block S/stn (Infra)	Kolhapur	20.00	06.06.2012
6	33/11kv Mudshingi s/tn (Infra)	Kolhapur	5.00	03.09.2012
7	33/11kv Hebbal s/tn (Infra)	Kolhapur	5.00	30.09.2012
8	33/11kv Rashivade s/tn (Infra)	Kolhapur	5.00	05.07.2011
9	33/11kv Kurani s/tn (Infra)	Kolhapur	5.00	01.12.2012
10	33/11kv Parle s/tn (Infra)	Kolhapur	5.00	19.01.2013
11	33/11kv Halkarni MIDC s/tn (Infra)	Kolhapur	5.00	05.03.2013
12	33/11kv Dhawadwadi (REC-SI)	Sangli	10.00	15.06.2012
13	33/11kv Girgyal (Infra)	Sangli	5.00	14.12.2012
14	33/11kv Nandre (Infra-I)	Sangli	5.00	12.06.2012
15	33/11kv Koulage(Pundi) (Infra-I)	Sangli	5.00	19.09.2012
16	33/11kv Malgaon (Infra-I)	Sangli	5.00	07.08.2012
17	33/11kv KupwadCity (Infra)	Sangli	10.00	01.09.2012
18	33/11kv Vishrambag (Infra)	Sangli	10.00	30.10.2012
19	33/11 kv Ashta (Infra)	Sangli	10.00	07.01.2013
20	33/11 kv Kandur (Infra)	Sangli	5.00	19.12.2012
21	33/11 kv Bahe (Infra)	Sangli	5.00	30.07.2012
22	33/11 kv Karanjawade(Vasi) (Infra)	Sangli	5.00	27.07.2012
23	33/11 kv Shirala MIDC (Infra)	Sangli	5.00	03.08.2012
24	33/11 KV Bhikwadi (BK) (REC-P:SI)	Sangli	5.00	25.01.2013
25	33/11 KV Hiware (Infra)	Sangli	5.00	22.01.2013
		Total	160.00	MVA
<u>BARAMATI ZONE</u>				
1	33/11KV Mekhali (Infra)	Pune	10.00	29.06.2012
2	33/11KV Wadapuri (P:SI)	Pune	5.00	16.10.2012
3	11/11 KV Indapur Switching (Infra)	Pune	0.00	30.11.2012
4	33/11 kv Dahitane (Infra)	Pune	5.00	21.05.2012
5	33/11KV Wadachiwadi (APDRP)	Satara	10.00	16.07.12
6	33/11 KV Bhatmarali Mandre (APDRP)	Satara	5.00	2.03.13



Sr. No.	Name of Sub-Station	District	Transformer Capacity in MVA	Date of Commissioning
<u>BARAMATI ZONE</u>				
7	33/11KV Gopuj (Infra-II)	Satara	5.00	16.07.12
8	33/22KV Somanthali (Infra)	Satara	10.00	26.06.2012.
9	33/11 KV Palashi (Infra-II)	Satara	10.00	01.06.12
10	33/11KV Urul (Infra Ph-II)	Satara	5.00	19.2.13
11	33/11KV Wing (Infra-II)	Satara	5.00	15.12.12
12	11/11KV Tembu Switching Station (MSETCL P:SI)	Satara	0.00	30.11.12
13	33/ 11 kV Wadegaon (P:SI)	Solapur	5.00	01.05.2012
14	33/ 11 KV Chopadi (P:SI)	Solapur	5.00	14.05.2012
15	33/ 11 kV Akola (P:SI)	Solapur	5.00	15.05.2012
16	33/ 11 kV Manegaon (P:SI)	Solapur	5.00	19.05.2012
17	33/ 11 kV Palashi (P:SI)	Solapur	5.00	14.05.2012
18	33/11 kV kolgaon (P:SI)	Solapur	5.00	28.07.2012
19	33/11 kV Motyal (P:SI)	Solapur	5.00	28.07.2012
20	33/11 kV Padsali (P:SI)	Solapur	5.00	04.08.2012
21	33/11 kV Chobe pimpari (P:SI)	Solapur	5.00	04.08.2013
22	33/11 kV Mandave (P:SI)	Solapur	5.00	26.03.2013
		Total	120.00	MVA
NOTE: & M.S.E.T.C.L has Charged this 11KV Switching Station.				
<u>KONKAN ZONE</u>				
1	33/11 KV Chandoor (Infra)	Ratnagiri	5.00	24.07.2012
2	33/11 KV Sakharappa (Infra)	Ratnagiri	5.00	15.09.2012
		Total	10.00	MVA
<u>NASHIK ZONE</u>				
1	33/11kv shalimar s/stn (Infra)	Nashik	10.00	27.08.2012
2	33/11kv Mhasrul s/stn (Infra)	Nashik	10.00	04.02.2013
3	33/11kv Pumping s/stn (Infra)	Nashik	10.00	02.02.2013
4	33/11kv Chunchale s/stn (Infra)	Nashik	10.00	29.07.2012
5	33/11kv Shramiknagar s/stn (Infra)	Nashik	10.00	26.12.2012
6	33/11KV Kasbe Sukene (Infra)	Nashik	5.00	22.12.2012
7	33/11KV Wasul (Infra)	Nashik	5.00	10.12.2012
8	33/11 KV Mohegaon New S/stn (Infra)	Nashik	5.00	27.07.2012
9	33/11KV Samnera (Infra)	Nashik	5.00	21.07.2012
10	33/11KV Malegaon (Infra)	Nashik	10.00	13.03.2013
11	33/11KV Pawarwadi (Infra)	Nashik	10.00	30.11.2012

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Sr. No.	Name of Sub-Station	District	Transformer Capacity in MVA	Date of Commissioning
	<u>NASHIK ZONE</u>			
12	33/11KV Jafar Nagar (Infra)	Nashik	10.00	21.12.2012
13	33/11KV Ayeshanagar (Infra)	Nashik	10.00	28.12.2012
14	33/11KV Malgaon (Infra)	Nashik	5.00	22.12.2102
15	33/11KV Bej (Infra)	Nashik	10.00	28.01.2013
16	33/11KV Pale (Infra)	Nashik	5.00	30.03.2013
17	33/11KV Padali (Infra)	Nashik	5.00	15.03.2013
18	33/11KV Musalgaon (Infra)	Nashik	5.00	13.03.2013
19	33/11KV Karanjgaon (Infra)	Nashik	5.00	30.04.2013
20	33/11KV Dixi (Infra)	Nashik	5.00	15.05.2013
21	33/11 Narayan Doh (Infra)	Ahmednagar	5.00	01.05.2012
22	33/11 Pravarasangam/Khadaka (Infra)	Ahmednagar	5.00	12.06.2012
23	33/11 Bhatkudgaon (Infra)	Ahmednagar	10.00	10.11.2012
24	33/11 Pathardi (Infra)	Ahmednagar	5.00	05.05.2012
25	33/11 Pagori Pimpalgaon (Infra)	Ahmednagar	10.00	25.12.2012
		Total	185.00	MVA
	<u>JALGAON ZONE</u>			
1	33/11 KV Thorgavhan (Infra)	Jalgaon	5.00	12.06.2012
2	33/11 KV Garkheda (Infra)	Jalgaon	5.00	25.05.2012
3	33/11 KV Tondapur (Infra)	Jalgaon	5.00	25.05.2012
4	33/11 KV Kinhi MIDC (Infra)	Jalgaon	5.00	20.11.2012
5	33/11 KV Pachora (Infra)	Jalgaon	5.00	25.08.2012
6	33/11 KV Girad (Infra)	Jalgaon	5.00	25.06.2012
7	33/11 KV War Kundane (Infra)	Dhule	5.00	21.04.2012
8	33/11 KV Betawad (Infra)	Dhule	5.00	14.06.2012
9	33/11 KV Shewali (Infra)	Dhule	5.00	21.09.2012
10	33/11 KV MIDC Navapur (Infra)	Nandurbar	5.00	30.04.2012
11	33/11 KV Palashi (Infra)	Nandurbar	5.00	20.11.2012
		Total	55.00	MVA
103	<u>SUB TOTAL FOR WESTERN MAHARASHTRA REGION</u>		790.00	MVA



Sr. No.	Name of Sub-Station	District	Transformer Capacity in MVA	Date of Commissioning
	<u>VIDARBH REGION:-</u>			
	<u>AMRAVATI ZONE</u>			
1	33/11KV Sonori S/stn (Backlog)	Akola	5.00	08.04.2012
2	33/11KV New Tapdiya Nagar S/stn (Infra-II)	Akola	10.00	18.06.2012
3	33/11KV Tukaram Chowk S/stn (Infra-II)	Akola	10.00	18.04.2012
4	33/11KV Collector Office S/stn (Infra-II)	Akola	10.00	15.12.2012
5	33/11KV Kanheri Gawali S/stn (Backlog)	Akola	5.00	26.01.2013
6	33/11KV Akot MIDC S/stn (R-APDRP Part-B)	Akola	5.00	30.01.2013
7	33/11KV Chikhali (Backlog)	Washim	5.00	19.10.2012
8	33/11KV Karanja (66 KV Elimination)	Washim	20.00	01.04.2012
14	33/11 KV Kakda (P:SI)	Amravati	5.00	01.04.2012
15	33/11 KV Kapustalani (P:SI)	Amravati	10.00	01.04.2012
16	33/11 KV Nimbhari (P:SI)	Amravati	5.00	01.04.2012
17	33/11 KV Warud (R-APDRP Part-B)	Amravati	10.00	28.01.2013
18	33/11 KV Sakhali (Infra)	Buldhana	5.00	07.04.2012
19	33/11 KV Shelgaon Atol (Infra)	Buldhana	5.00	24.05.2012
20	33/11 KV Nimgaon (Infra)	Buldhana	5.00	14.04.2012
21	33/11 KV Asalgaon (Infra)	Buldhana	5.00	12.11.2012
22	33/11 KV Rushi Sankul (R-APDRP)	Buldhana	5.00	26.03.2013
23	33/11 KV Shegaon (R-APDRP)	Buldhana	5.00	13.03.2013
24	33/11 KV Brahmangaon (Infra)	Yavatmal	5.00	01.11.2012
25	33/11 KV Bitergaon (Infra)	Yavatmal	5.00	15.01.2013
26	33/11 KV Pimpalgaon (Backlog)	Yavatmal	5.00	14.09.2012
27	33/11 KV Antargaon (Infra)	Yavatmal	5.00	26.09.2012
28	33/11 KV Zadgaon (Backlog)	Yavatmal	5.00	11.08.2012
29	33/11 KV Sawar (Infra)	Yavatmal	5.00	05.09.2012
30	33/11 KV Venikota (Infra)	Yavatmal	5.00	15.12.2012
31	33/11 KV Sadoba Sawali (Infra)	Yavatmal	5.00	09.12.2012
32	33/11 KV Yermalhetti (Backlog)	Yavatmal	5.00	01.10.2012
33	33/11 KV Bhamraja (Infra)	Yavatmal	5.00	11.02.2013
34	33/11 KV Wani (66 KV Elimination)	Yavatmal	20.00	05.12.2012
		Total	200.00	MVA

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Note: & denots that these Substation were not reported earlier.



Sr. No.	Name of Sub-Station	District	Transformer Capacity in MVA	Date of Commissioning
<u>NAGPUR ZONE</u>				
1	33/11 KV Wadad (Infra)	Bhandara	5.00	14.05.2013
2	33/11 KV Masal (Infra)	Bhandara	5.00	02.04.2013
3	33/11 KV Ambezari (Infra Ph-II)	Chandrapur	5.00	13.03.2013
4	33/11 KV MIDC (66 KV Elimination)	Chandrapur	20.00	13.03.2013
5	33/11 KV Bramhpuri S/s (MSETCL PSI)	Chandrapur	10.00	01.04.2012
6	33/11 KV Seloo (Infra)	Wardha	20.00	11.11.12
7	33/11 KV Seldoh (Infra)	Wardha	10.00	08.01.13
8	33/11 KV Adegaon (Infra)	Wardha	5.00	28.12.12
9	33/11 KV Pulgaon (Infra)	Wardha	20.00	02.01.13
10	33/11 KV Wani Kutki (Infra)	Wardha	20.00	31.12.12
11	33/11 KV Birsi (Infra)	Gondia	5.00	29.05.2012
12	33/11 KV Parwatighat (Infra)	Gondia	5.00	08.10.2012
13	33/11 KV Paraswada (Infra)	Gondia	5.00	21.11.2012
14	33/11 KV Arjuni (Mor.) (66 KV Elimination)	Gondia	10.00	DEC-'2012
		Total	145.00	MVA
NOTE: & Denotes old s/s handed over by MSETCL.				
<u>NAGPUR URBAN ZONE</u>				
1	33/11 KV Chirwa S/S (Infra)	Nagpur	10.00	28.6.2012
2	33/11 KV Mihan S/S (Infra)	Nagpur	40.00	05.10.2012
3	33/11 KV Bharsingi S/s (Infra)	Nagpur	10.00	14.08.2012
4	33/11 KV Paradsinga S/s (Infra)	Nagpur	5.00	05.11.2012
		Total	65.00	MVA
Note: \$ Denotes Substation Handed over to MSEDCL on 15-1-13 by MADC				
52	<u>SUB TOTAL FOR VIDARBH REGION</u>		410.00	MVA
171	<u>TOTAL FOR THE STATE</u>		1290.00	MVA

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Annexure-4-a

Augmentation of Transformer Capacity at 33/11kV & 33/22 kV Sub-Stations during 2012-13

Sr. No	Name of Sub-Station	District	Transformer Capacity added in MVA	Date of Commissioning	Remark
MARATHWADA REGION:-					
AURANGABAD ZONE					
1	33/11 KV Mastgad S/S (R-APDRP)	Jalna	5.00	10.12.2012	1 X 5 MVA to 1 X 10 MVA
2	33/11 KV Mastgad S/S (R-APDRP)	Jalna	5.00	18.03.2012	1 X 5 MVA to 1 X 10 MVA
3	33/11 KV 488 S/S (R-APDRP)	Jalna	5.00	22.12.2013	1 X 5 MVA to 1 X 10 MVA
4	33/11 KV Shreshthi S/S (Infra)	Jalna	1.85	01.04.2012	1 X 3.15 MVA to 1 X 5 MVA
5	33/11 KV Raniunchegaon S/S (Infra)	Jalna	1.85	02.04.2012	1 X 3.15 MVA to 1 X 5 MVA
6	33/11 KV Waluj L Sector S/S (D.F)	Aurangabad	10.00	13.07.2012	Additional 1 X 10 MVA
		Total	28.70		
LATUR ZONE					
1	33/11 kV Pathan Mandva (R-APDRP)	Beed	5.00	23.08.2012	1 X 5 MVA to 1 X 10 MVA
2	33/11 kV Malives S/S (R-APDRP)	Beed	10.00	13.02.2013	Additional 1 X 10 MVA
3	33/11 kV Tuljapur S/S (R-APDRP)	Osmanabad	5.00	26.02.2013	1 X 5 MVA to 1 X 10 MVA
4	33/11 kV Murum S/S (Infra Ph-II)	Osmanabad	1.85	20.10.2012	1 X 3.15 MVA to 1 X 5 MVA
		Total	21.85	MVA	
NANDED ZONE					
1	33 kV Charthana (P:SI)	Parbhani	1.85	10.11.2012	1 X 3.15 MVA to 1 X 5 MVA
2	33 kV Pathri (R-APDRP)	Parbhani	1.85	07.06.2012	1 X 3.15 MVA to 1 X 5 MVA
3	33 kV Sandas (PFC Infra)	Hingoli	1.85	25.08.2012	1 X 3.15 MVA to 1 X 5 MVA
4	33 kV Choufala (R-APDRP)	Nanded	5.00	12.07.2012	1 X 5 MVA to 1 X 10 MVA
5	33 kV Industrial Estate (R-APDRP)	Nanded	5.00	01.08.2012	Additional 1 X 5 MVA
6	33/11 KV Limbgaon	Nanded	5.00	01.04.2012	Additional 1 X 5 MVA
7	33/11 KV Pawadewadi	Nanded	5.00	01.04.2012	Additional 1 X 5 MVA
8	33/11 KV Hadgaon	Nanded	5.00	01.04.2012	Additional 1 X 5 MVA
9	33/11 KV Khatgaon	Nanded	5.00	01.04.2012	Additional 1 X 5 MVA
10	33/11 KV Khanapur MIDC	Nanded	5.00	01.04.2012	Additional 1 X 5 MVA
11	33/11 KV Mukhed	Nanded	5.00	01.04.2012	Additional 1 X 5 MVA
12	33/11 KV Krushnoor MIDC	Nanded	5.00	01.04.2012	Additional 1 X 5 MVA
13	33/11 KV Dharmabad	Nanded	5.00	01.04.2012	Additional 1 X 5 MVA
14	33/11 KV Industrial Estate (2x5)	Nanded	5.00	01.04.2012	
		Total	60.55	MVA	
Note :Additional Power Transformer addition shown at Sr, No. 6 to 14 were not reported earlier by Circel					
SUB TOTAL OF MARATHWADA REGION			111.10	MVA	



Sr. No	Name of Sub-Station	District	Transformer Capacity added in MVA	Date of Commissioning	Remark
WESTERN MAHARASHTRA REGION:-					
BHANDUP ZONE					
1	33/11 kV Kalamboli Hsg. Society S/Sn (Additional Infra)	Panvel (Raigad)	5.00	15.05.2012	Additional 1 X 5 MVA
2	33/11 kV sector19 (O&M)	Panvel (Raigad)	-5.00	01.08.2012	Replaced due to failure
		Total	0.00	MVA	
PUNE ZONE					
1	33/11 KV Junnar (Infra)	Pune	5.00	Apr-12	Additional 1 X 5 MVA
		Total	5.00	MVA	
KALYAN ZONE					
1	33/11 KV MIDC No.1(Contess S/S) (Infra-I)	Thane	6.85	03.08.2012	1 X 3.15 MVA to 1 X 10 MVA
2	33/11 KV MIDCno.2(Kanoria) (O&M)	Thane	-1.85	04.09.2012	1 X 5 MVA to 1 X 3.15MVA
3	33/11KV Dahanu S/S (O&M)	Thane	-1.85	06.05.2012	1 X 5 MVA to 1 X 3.15 MVA
4	33/11KV Kosbad SS (O&M)	Thane	3.00	12.04.2112	Additional 1 X 3 MVA
5	33/11KV Dapchary SS (Infra-I)	Thane	5.00	28.05.2012	Additional 1 X 5 MVA
6	33/22KV Manor SS (Infra-I)	Thane	5.00	12.06.2012	Additional 1 X 5 MVA
		Total	16.15	MVA	
KONKAN ZONE					
1	33/ 11 KV Malewad S/stn	Sindhudurg	3.4	01.02.2013	1 X 1.6 MVA to 1 X 5 MVA
		Total	3.40	MVA	
KOLHAPUR ZONE					
1	33/11 kv Sawarde s/s (Infra)	Kolhapur	5.00	02.04.2012	Additional 1 X 5 MVA
2	33/11 KV Kapshi s/tn (Infra)	Kolhapur	2.00	04.06.2012	1 X 3 MVA to 1 X 5 MVA
3	33KV Latwade s/tn (Infra)	Kolhapur	5.00	28.08.2012	1 X 5 MVA to 1 X 10 MVA
4	33/11KV Shirdon s/tn (Infra)	Kolhapur	5.00	29.08.2012	1 X 5 MVA to 1 X 10 MVA
5	33/11kv Sidhnerli s/tn (Infra)	Kolhapur	5.00	22.09.2012	1 X 5 MVA to 1 X 10 MVA
6	33/11kv G.Shirgaon MIDC s/stn (Infra)	Kolhapur	5.00	24.09.2012	1 X 5 MVA to 1 X 10 MVA
7	33/11kv Shivagi vidapit s/tn (Infra)	Kolhapur	3.00	07.09.2012	1 X 2 MVA to 1 X 5 MVA
8	33/11kv Pimpalgaon s/s (Infra)	Kolhapur	2.00	08.11.2012	1 X 3 MVA to 1 X 5 MVA
9	33/11kv Kapshi s/tn (Infra)	Kolhapur	5.00	07.12.2012	1 X 5 MVA to 1 X 10 MVA
10	33/11kv Kothali s/tn (Infra)	Kolhapur	5.00	14.12.2012	1 X 5 MVA to 1 X 10 MVA
11	33/11kv Kothali s/tn (Infra)	Kolhapur	5.00	12.02.2013	1 X 5 MVA to 1 X 10 MVA
12	33/11 kv Walawa (Infra)	Sangli	5.00	22.08.2012	1 X 5 MVA to 1 X 10 MVA
13	33/11 kv Islampur (R-APDRP Part-B)	Sangli	5.00	29.01.2013	1 X 5 MVA to 1 X 10 MVA
14	33/11 kv Islampur (R-APDRP Part-B)	Sangli	5.00	02.02.2013	1 X 5 MVA to 1 X 10 MVA
15	33/11 KV Kharsundi (Maintainence)	Sangli	1.85	09.05.2012	1 X 3.15 MVA to 1 X 5 MVA



Sr. No	Name of Sub-Station	District	Transformer Capacity added in MVA	Date of Commissioning	Remark
KOLHAPUR ZONE					
16	33/11 KV Zare (P:SI)	Sangli	1.85	12.06.2012	1 X 3.15 MVA to 1 X 5 MVA
17	33/11 KV Atpadi (Infra)	Sangli	1.85	06.06.2012	1 X 3.15 MVA to 1 X 5 MVA
18	33/11 KV Mardwadi S/stn (Infra)	Sangli	5	07.01.2013	Additional 1 X 5 MVA
19	33/11 KV Palus S/stn (Infra)	Sangli	5	19.06.2012	Additional 1 X 5 MVA
20	33/11 KV Alsand S/stn (Infra)	Sangli	5	15.08.2012	Additional 1 X 5 MVA
21	33/11 KV Mohite Vadgaon S/stn (Infra)	Sangli	5	19.06.2012	Additional 1 X 5 MVA
		Total	87.55	MVA	
BARAMATI ZONE					
1	33/11KV Kandalgaon (Infra)	Pune	5.00	15.04.2012	Additional 1 X 5 MVA
2	33/11KV Kalas (Infra)	Pune	5.00	15.04.2012	Additional 1 X 5 MVA
3	33/11KV Nir-Nimgaon (Infra)	Pune	5.00	01.05.2012	Additional 1 X 5 MVA
4	33/11 kV Deulgaon Raje (P:SI)	Pune	5.00	31.07.2012	Additional 1 X 5 MVA
5	33/22KV Wai S/stn (Infra)	Satara	0.50	30.10.2012	1 X 4.5 MVA to 1 X 5 MVA
6	33/22KV Mhavashi (Infra)	Satara	5.00	01.01.2013	1 X 5 MVA to 1 X 10 MVA
7	33/ 11 Wai MIDC (Infra)	Satara	5.00	Oct-12	Additional 1 X 5 MVA
8	33/11 Malharpeth (Infra)	Satara	3.15	0.1.04.2012	Additional 1 X 3.15 MVA
9	33 /11 Patan (Infra)	Satara	3.15	0.1.04.2012	Additional 1 X 3.15 MVA
10	33 /11 Dhebewadi (Infra)	Satara	0.15	0.1.04.2012	1 X 3 MVA to 1 X 3.15 MVA
11	33 /11 Rasati (Infra)	Satara	0.15	0.1.04.2012	1 X 3 MVA to 1 X 3.15 MVA
12	33/22 Khatarkhatav (Infra)	Satara	5.00	41183	Additional 1 X 5 MVA
13	33/22 Badekewasti (Maintanace)	Satara	5.00	41275	Additional 1 X 5 MVA
14	33/22KV Budh (Maintanace)	Satara	10.00	41183	Additional 1 X 5 MVA
15	33/11 KV Mhaswad (Infra)	Satara	5.00	0.1.04.2012	1 X 5 MVA to 1 X 10 MVA
16	33/11 kV Dudhani (P:SI)	Solapur	5.00	06.04.2012	Additional 1 X 5 MVA
17	33/11 kV Salgar Bk (P:SI)	Solapur	1.85	21.06.2012	1 X 3.15 MVA to 1 X 5 MVA
18	33/11 kV Umbare (P:SI)	Solapur	5.00	25.06.2012	Additional 1 X 5 MVA
19	33/11 kV Nimgaon (P:SI)	Solapur	5.00	24.06.2012	Additional 1 X 5 MVA
20	33/11 kV Paper plant (P:SI)	Solapur	5.00	20.07.2012	Additional 1 X 5 MVA
21	33/11 kV Jeur (P:SI)	Solapur	5.00	28.07.2012	Additional 1 X 5 MVA
22	33/11 kV Jule Solapur (P:SI)	Solapur	5.00	01.02.2013	Additional 1 X 5 MVA
		Total	93.95	MVA	
Note @- Denotes not reported last year					
NASHIK ZONE					
1	33/11kv Meri s/stn. (Infra-I)	Nashik	5.00	02.05.2012	1 X 5 MVA to 1 X 10 MVA
2	33/11kv Pathardi (Infra-I)	Nashik	10.00	04.04.2012	2 X 5 MVA to 2 X 10 MVA
3	33/11kv Mukatidham (Infra-I)	Nashik	10.00	10.05.2012	2 X 5 MVA to 2 X 10 MVA
4	33/11 Upnagar (Infra-I)	Nashik	5.00	03.04.2012	1 X 5 MVA to 1 X 10 MVA
5	33/11 Otur (Infra)	Nashik	1.85	30.03.2013	1 X 3.15 MVA to 1 X 5 MVA
6	33/11 Desarane (Infra)	Nashik	5.00	30.03.2013	Additional 1 X 5 MVA



Sr. No	Name of Sub-Station	District	Transformer Capacity added in MVA	Date of Commissioning	Remark
	<u>NASHIK ZONE</u>				
7	33/11 Dahiwad (Infra)	Nashik	5.00	30.03.2013	Additional 1 X 5 MVA
8	33/11 Ramache pimplas (Infra)	Nashik	5.00	18.04.2012	Additional 1 X 5 MVA
9	33/11 Thangaon (Infra)	Nashik	5.00	30.04.2012	Additional 1 X 5 MVA
10	33/11 Peth (DPDC)	Nashik	1.85	25.10.2012	1 X 3.15 MVA to 1 X 5 MVA
11	33/11 Tandulwadi (Infra)	Nashik	5.00	29.03.2012	Additional 1 X 5 MVA
12	33/11 Nandgaon (Infra)	Nashik	3.70	29.03.2012	2 X 3.15 MVA to 2 X 5 MVA
13	33/11 Surgnana (Infra)	Nashik	5.15	29.03.2012	2 X 1.5 MVA to 1X 3.15 MVA +1 X 5 MVA
14	33/11 Saundane (Infra)	Nashik	2.00	29.03.2012	1 X 3 MVA to 1 X 5 MVA
15	33/11 Killa (Infra)	Nashik	5.00	02.09.2012	1 X 5 MVA to 1 X 10 MVA
16	33/11 Viragaon (Infra)	Nashik	1.85	29.03.2012	1 X 3.15 MVA to 1 X 5 MVA
17	33/11 Deogaon S/s (R-APDRP)	Ahmednagar	10.00	17.01.2013	Additional 1 X 10 MVA
18	33/11 Yeli S/s (Infra)	Ahmednagar	5.00	16.08.2012	Additional 1 X 5 MVA
19	33/11 Salabatpur S/s (Infra)	Ahmednagar	5.00	06.08.2012	Additional 1 X 5 MVA
20	33/11Chilekhanwadi S/s (Infra)	Ahmednagar	5.00	24.08.2012	Additional 1 X 5 MVA
21	33/11 Wadala S/s (Infra)	Ahmednagar	5.00	27.07.2012	Additional 1 X 5 MVA
22	33/11 Shirasgaon S/s (Infra)	Ahmednagar	5.00	24.07.2012	Additional 1 X 5 MVA
23	33/11 Miri S/s (Infra)	Ahmednagar	6.30	05.04.2012	Additional 2 X 3.15 MVA
24	33/11 Chapadgaon S/s (Infra)	Ahmednagar	5.00	22.01.2013	Additional 1 X 5 MVA
25	33/11 Dhorjalagaon S/s (Infra)	Ahmednagar	5.00	01.04.2012	Additional 1 X 5 MVA
26	33/11 Shevagaon S/s (Infra)	Ahmednagar	5.00	26.07.2012	Additional 1 X 5 MVA
27	33/11 Bhozare Pathar (Infra)	Ahmednagar	5.00	06.10.2012	Additional 1 X 5 MVA
28	33/11 Solapur Road (Infra)	Ahmednagar	5.00	01.04.2012	Additional 1 X 5 MVA
29	33/11 Sawedi (Infra)	Ahmednagar	5.00	01.04.2012	Additional 1 X 5 MVA
		Total	147.70	MVA	
	<u>JALGAON ZONE</u>				
1	33/11 kV Ringangaon S/S (P:SI)	Jalgaon	5.00	20.06.2012	Additional 1 X 5 MVA
2	33/11 kV Talegaon S/S (Infra)	Jalgaon	1.85	20.06.2012	1 X 3.15 MVA to 1 X 5 MVA
3	33/11 kV Adavad S/S (Infra)	Jalgaon	5.00	20.04.2012	Additional 1 X 5 MVA
4	33/11 kV Lasur S/S (Infra)	Jalgaon	5.00	20.04.2012	Additional 1 X 5 MVA
5	33/11 kV Lasgaon S/S (Infra)	Jalgaon	1.85	01.04.2012	1 X 3.15 MVA to 1 X 5 MVA
6	33/11 kV Vadi Shevade S/S (Infra)	Jalgaon	1.85	01.04.2012	1 X 3.15 MVA to 1 X 5 MVA
7	33/11 kV Under JLG DF S/S (D.F.)	Jalgaon	10.00	26.05.2012	Additional 1 X 10 MVA
8	33/11 KV Untawad (REC)	Dhule	5.00	08.08.2012	1 X3.15 MVA to 1 X 5 MVA
9	33/11 KV Aashte (Infra)	Nandurbar	5.00	03.11.2012	Additional 1 X 5 MVA
10	33/11 KV Bilbara (Infra)	Nandurbar	5.00	21.09.2012	Additional 1 X 5 MVA
11	33/11 KV MIDC Navapur (Infra)	Nandurbar	5.00	30.04.2012	Additional 1 X 5 MVA
		Total	50.55	MVA	
	<u>SUB TOTAL OF WESTERN MAHARASHTRA REGION</u>		404.30	MVA	



Sr. No	Name of Sub-Station	District	Transformer Capacity added in MVA	Date of Commissioning	Remark
	VIDARBH REGION:-				
	AMRAVATI ZONE				
1	33/11 KV Pimpalgaon (O&M)	Washim	1.85	22.02.2013	1 X 3.15 MVA to 1 X 5 MVA
2	33 /11 KV Poharadevi (Backlog)	Washim	1.85	01.04.2012	1 X 3.15 MVA to 1 X 5 MVA
3	33/11 KV Magrul Zanak (Backlog)	Washim	5.00	01.04.2012	Additional 1 X 5 MVA
4	33/11 KV Asegaon (Backlog)	Washim	5.00	01.04.2012	Additional 1 X 5 MVA
5	33/11 KV Washim MIDC (Backlog)	Washim	5.00	01.04.2012	Additional 1 X 5 MVA
6	33/1 KV Shirpur (Backlog)	Washim	5.00	01.04.2012	Additional 1 X 5 MVA
7	33/11 KV Rithod (Backlog)	Washim	2.00	01.04.2012	Additional 1 X 3 MVA
8	33/11 KV Poharadevi (Backlog)	Washim	2.00	01.04.2012	Additional 1 X 3 MVA
9	33/11 KV Vidyut Bhavan (R-APDRP Part-B)	Amravati	4.00	10.07.2012	1 X 6 MVA to 1 X 10 MVA
10	33/11 KV Badnera (Infra)	Amravati	5.00	21.04.2012	Additional 1 X 5 MVA
11	33/11 KV Parsapur (Infra)	Amravati	5.00	01.04.2012	Additional 1 X 5 MVA
12	33/11 KV Tondgaon (Infra)	Amravati	5.00	01.04.2012	Additional 1 X 5 MVA
13	33/11 KV Akoli (Infra)	Amravati	5.00	01.04.2012	Additional 1 X 5 MVA
14	33/11 KV Kharpi (Infra)	Amravati	5.00	01.04.2012	Additional 1 X 5 MVA
15	33/11 KV kurha (Infra)	Amravati	5.00	01.04.2012	Additional 1 X 5 MVA
16	33/11 KV Nandgaon KH (Infra)	Amravati	5.00	01.04.2012	Additional 1 X 5 MVA
17	33/11 KV Razura Bazar (Infra)	Amravati	5.00	01.04.2012	Additional 1 X 5 MVA
18	33/11 KV Lehgaon (Infra)	Amravati	5.00	01.04.2012	Additional 1 X 5 MVA
19	33/11 KV Bhandaraj (Infra)	Amravati	5.00	01.04.2012	Additional 1 X 5 MVA
20	33/11 KV Walgaon (Infra)	Amravati	5.00	01.04.2012	Additional 1 X 5 MVA
21	33/11 KV Shendurjana Ghat (Infra)	Amravati	2.00	01.04.2012	1 X 3 MVA to 1 X 5 MVA
22	33/11 KV Benoda (Infra)	Amravati	2.00	01.04.2012	1 X 3 MVA to 1 X 5 MVA
23	33/11 KV Sarfapur (Infra)	Amravati	2.00	01.04.2012	1 X 3 MVA to 1 X 5 MVA
24	33/11 KV Loni (Infra)	Amravati	1.85	01.04.2012	1 X 3.15 MVA to 1 X 5 MVA
25	33/11 KV Mangrul D (Infra)	Amravati	1.85	01.04.2012	1 X 3.15 MVA to 1 X 5 MVA
26	33/11 KV Dharni (Infra)	Amravati	1.85	01.04.2012	1 X 3.15 MVA to 1 X 5 MVA
27	33/11 KV D'Raja (Infra)	Buldhana	2.00	08.08.2012	1 X 3 MVA to 1 X 5 MVA
28	33/11 KV S'Kherda (Infra)	Buldhana	1.85	28.10.2012	1 X 3.15 MVA to 1 X 5 MVA
29	33/11 KV D'Raja (Infra)	Buldhana	2.00	24.12.2012	1 X 3 MVA to 1 X 5 MVA
30	33/11 KV Nimgaon (Infra)	Buldhana	5.00	31.05.2012	Additional 1 X 5 MVA
31	33/11 KV Asalgaon (Infra)	Buldhana	5.00	30.04.2012	Additional 1 X 5 MVA
32	33/11 KV Belad (Infra)	Buldhana	5.00	23.05.2012	Additional 1 X 5 MVA
33	33/11 KV Kothali (Infra)	Buldhana	5.00	29.05.2012	Additional 1 X 5 MVA
34	33/11 KV Motala (Infra)	Buldhana	5.00	03.04.2012	Additional 1 X 5 MVA
35	33/11 KV Ukali (Infra)	Buldhana	5.00	30.04.2012	Additional 1 X 5 MVA
36	33/11 KV Sultanpur (Infra)	Buldhana	5.00	08.09.2012	Additional 1 X 5 MVA
37	33/11 KV Dasarkhed (Infra)	Buldhana	5.00	18.09.2012	Additional 1 X 5 MVA
38	33/11 KV Wadegaon (R & M)	Yavatmal	1.85	08.06.2012	1 X 3.15 MVA to 1 X 5 MVA



Sr. No	Name of Sub-Station	District	Transformer Capacity added in MVA	Date of Commissioning	Remark
AMRAVATI ZONE					
39	33/11 KV Mahagaon (Infra)	Yavatmal	5.00	28.11.2012	Additional 1 X 5 MVA
40	33/11 KV Fulsawangi (Infra)	Yavatmal	5.00	01.04.2012	Additional 1 X 5 MVA
41	33/11 KV Arni (R & M)	Yavatmal	3.00	15.03.2013	Additional 1 X 3 MVA
		Total	158.95	MVA	
\$ denotes not reported earlier					
NAGPUR ZONE					
1	33/11 KV Ashti (infra)	Wardha	5.00	18.05.2012	Additional 1 X 5 MVA
2	33/11 kv Rohana (Infra)	Wardha	5.00	13.02.2013	Additional 1 X 5 MVA
		Total	10.00	MVA	
NAGPUR URBAN ZONE					
1	33/11 KV Loharisawanga S/S (Infra)	Nagpur	5.00	24.11.2012	Additional 1 X 5 MVA
2	33/11 KV Maa Umiya S/S (Infra)	Nagpur	5.00	02.04.2012	Additional 1 X 5 MVA
3	33/11 KV Shankar Nagar S/S (Infra)	Nagpur	10.00	25.08.2012	Additional 1 X 10 MVA
4	33/11 KV Sitabuldi S/S (Infra)	Nagpur	10.00	25.08.2012	Additional 1 X 10 MVA
5	33/11 KV IT Park S/S (Infra)	Nagpur	10.00	06.10.2012	Additional 1 X 10 MVA
6	33/11 KV Amravati Road S/S (Infra)	Nagpur	10.00	31.10.2012	Additional 1 X 10 MVA
		Total	50.00	MVA	
SUB TOTAL OF VIDARBH REGION			218.95	MVA	
TOTAL FOR THE STATE			734.35	MVA	



Annexure-11

Transmission lines (11 KV & above)

Line Volt in kV	No. of Ckts	Length in Ckt-Kms		
		As on	During	As on
		31.3.2012	2012-13	31.3.2013
Overhead Lines				
33 kV	1	35244.42	1298.71	36543.14
	2	1192.11	65.71	1257.82
22 kV	1	26621.90	952.92	27574.82
	2	545.73	27.50	573.23
11 kV	1	241892.50	11033.55	252926.05
	2	347.70	6.60	354.30
Underground Cables				
33 kV	1	366.44	103.07	469.51
22 kV	1	1790.26	337.35	2127.61
11 kV	1	2909.10	237.49	3146.59
Total		310910.16	14062.90	324973.06



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	During	As on
				31.3.2012	2012-2013	31.3.2013
1	WESTERN MAHARASHTRA					
a	Overhead Line	33 kV	1	18116.90	726.24	18843.14
			2	924.83	43.25	968.08
		22 kV	1	26621.90	952.92	27574.82
			2	545.73	27.50	573.23
		11 kV	1	112764.19	3663.75	116427.95
			2	161.00	6.60	167.60
b	Underground Cables	33 kV	1	119.13	72.30	191.42
		22 kV	1	1790.26	337.35	2127.61
		11 kV	1	2056.78	128.89	2210.00
		Total		163100.71	5958.81	169083.85
2	MARATHWADA					
a	Overhead Line	33 kV	1	9367.53	281.58	9649.11
			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	68088.52	1745.09	69833.61
			2	75.71	0.00	75.71
b	Underground Cables	33 kV	1	33.72	8.96	42.67
		22 kV	1	0.00	0.00	0.00
		11 kV	1	122.04	6.82	128.86
		Total		77814.94	2042.45	79857.38
3	VIDARBH					
a	Overhead Line	33 kV	1	7760.00	290.89	8050.88
			2	139.86	22.46	162.32
		22 kV	1	0.00	0.00	0.00
			2	0.00	0.00	0.00
		11 kV	1	61039.79	5624.71	66664.50
			2	110.99	0.00	110.99
b	Underground Cables	33 kV	1	213.60	21.81	235.41
		22 kV	1	0.00	0.00	0.00
		11 kV	1	730.28	77.45	807.73
		Total		69994.51	6037.32	76031.83



Annexure-13

Distribution lines (below 11 KV) 2012-13

Sr. No.	Region	Length in Ckt-kms		
		As on 31.3.2012	During 2012-2013	As on 31.3.2013
Overhead				
1	Western Maharashtra	274519.719	9405.981	283925.700
2	Marathwada	130814.327	5955.537	136769.864
3	Vidarbha	145428.157	5194.685	150622.842
	Total	550762.203	20556.203	571318.406
Underground				
1	Western Maharashtra	8553.213	393.509	8946.722
2	Marathwada	53.992	2.813	56.805
3	Vidarbha	543.367	140.150	683.517
	Total	9150.572	536.472	9687.044
Total (OH+UG)				
1	Western Maharashtra	283072.93	9799.490	292872.42
2	Marathwada	130868.32	5958.350	136826.67
3	Vidarbha	145971.52	5334.835	151306.36
	Total	559912.78	21092.675	581005.45



Annexure-14:
Transformation capacity in service 2012-13

Sr. No.	Region	TRANSFORMATION CAPACITY IN SERVICE (IN MVA)					
		As on 31.3.2012		During 2012-2013		As on 31.3.2013	
		Below 11 kV	11 kV & Above	Below 11 kV	11 kV & Above	Below 11 kV	11 kV & Above
1	Western Maharashtra	26431.41	12847.800	2002.47	1191.15	28433.87	14038.95
2	Marathwada	7479.851	5137.200	502.50	200.10	7982.35	5337.300
3	Vidarbha	6445.172	3852.550	449.48	628.45	6894.65	4481.000
	Total	40356.428	21837.550	2954.444	2019.700	43310.872	23857.250



STATEMENT SHOWING DETAILS OF POWER T/Fs IN SERVICE AS ON 31.3.2013

Voltage	Capacity	AMTZ	AZ	Nanded	LZ	KLNZ	KZR	KOPZ	NSKZ	Jalgaon	NZ	BUZ	Baramati	PZ	NUZ	TOTAL	TOTAL
Ratio	in MVA	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	NOS.	CAPACITY IN MVA
33/11 kV	20														2	2	40.00
	10	6	16	9	4	4		56	80	13	35	39	27	7	61	357	3570.00
	7.5	0	1							0			0			1	7.50
	6	0								0			0			0	0.00
	5	410	254	297	387	31	81	296	534	326	159	6	407	42	61	3291	16455.00
	3.15	38	29	21	42	4	16	5	67	64	16		25	3	6	336	1058.40
	3	20	5	1	14	1	2	6	17	3			2		4	75	225.00
	2.5	1						0	1	0			0			2	5.00
	2	0						0		1			0			1	2.00
	1.6	0					2	0		0			0			2	3.20
	1.5	0						0		0	5		0			5	7.50
	1	0						1		0			0			1	1.00
	0.5	0						0		0			0			0	0.00
TOTAL		475	305	328	447	40	101	364	699	407	215	45	461	52	134	4073	21374.60
33/22 kV	12.5												3			3	37.50
	10												17	5		22	220.00
	6.5												0			0	0.00
	4.5												0			0	0.00
	5					5						1	36			42	210.00
	3.15												0			0	0.00
	3					1							0			1	3.00
	2					1							1			2	4.00
TOTAL		0	0	0	0	7	0	0	0	0	0	1	57	5	0	70	474.5



Voltage	Capacity	AMTZ	AZ	Nanded	LZ	KLNZ	KZR	KOPZ	NSKZ	Jalgaon	NZ	BUZ	Baramati	PZ	NUZ	TOTAL	TOTAL
Ratio	in MVA	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	NOS.	CAPACITY IN MVA
22/11 kV	12.5	0										2				2	25.00
	10	0							1			98		89		188	1880.00
	5	0							1			5		14		20	100.00
	3.15													1		1	3.15
	3	0														0	0.00
	2.6															0	0.00
	1.5	0														0	0.00
	1	0														0	0.00
TOTAL		0	0	0	0	0	0	0	2	0	0	105	0	104	0	211	2008.15
GRAND TOTAL		475	305	328	447	47	101	364	701	407	215	151	518	161	134	4354	23857.25



STATEMENT SHOWING DETAILS OF DISTRIBUTION T/Fs IN SERVICE AS ON 31.3.2013

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.	Baramati Nos.	PZ Nos.	NUZ Nos.	TOTAL NOS.	TOTAL CAPACITY
11/0.4 kV	12.5	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	292	4380
	16	30		0		0	0	0	4	29	9	0	0		0	72	1152
	25	4154	623	2638	963	120	1160	1792	4145	2377	4738	0	1531	329	480	25050	626250
	50	898	146	52	99	81	235	462	282	525	408	0	174	220	85	3667	183350
	63	21924	13179	9279	20824	727	4192	12439	26276	14513	8685	0	18515	2075	3442	156070	9832410
	75	0		0	0	0	0	36	1	3	0	0	0	0	0	40	3000
	100	14390	8077	8119	12672	1120	2157	14885	21574	16236	6883	25	14485	2153	4548	127324	12732400
	125	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	150	51	8	0	0	15	3	91	34	40	19	0	8	23	14	306	45900
	160	0		0	0	0	0	0	1	0	0	0	0	0	0	1	160
	200	1710	1491	1034	861	430	279	2302	4052	1234	820	60	1534	1502	2590	19899	3979800
	250	0	2	0	0	14	2	28	24	12	4	4	16	34	7	147	36750
	300	127	8	22	48	3	1	46	61	12	0	0	16	99	30	473	141900
	315	87	227	56	130	230	16	259	717	83	27	200	142	1379	699	4252	1339380
	350	0		0	0	0	0	0	0	0	0	0	0	0	1	1	350
	400	0		0	0	1	1	30	0	1	0	17	1	0	0	51	20400
	500	1	56	18	9	27	1	76	69	4	0	120	30	319	78	808	404000
	600	1		0	0	0	0	0	0	6	0	0	0	0	0	7	4200
	630	2	52	12	21	12	0	28	49	0	0	2336	14	1149	244	3919	2468970
	750	0	1	0	0	0	0	19	2	0	0	126	4	2	4	158	118500
	800	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	71	0	0	0	71	67450
	1000	0	2	0	0	0	0	1	1	0	1	261	0	1	1	268	268000
	1500	0	2	0	0	0	0	0	0	0	0	4	0	0	0	6	9000
	2000	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
TOTAL		43460	24081	21230	35627	2780	8047	32494	57292	35075	21594	3226	36470	9285	12223	342884	32291702



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	4694	6599	8101	10479	0		50	4756	2701	2832		4632	4641	2987	52472	1311800
	15	1110	3238	2625	7661	0		59	2124	704	1462		1294	1929	1082	23288	349320
	10			0	0	0		0	0				0	0	68	68	680
TOTAL		5804	9837	10726	18140	0	0	109	6880	3405	4294	0	5926	6570	4137	75828	1661800
22\0.4 kV	16			0		0	0	0	0			0	0	0		0	0
	25			227		663	0	0	0			2	552	310		1754	43850
	50			34		278	0	0	0			13	145	82		552	27600
	63			3788		2925	0	0	0			102	6825	1920		15560	980280
	75			0		0	0	0	0			1	0	0		1	75
	100			2043		3097	0	0	1			692	7542	4627		18002	1800200
	150			0		30	0	0	0			9	4	17		60	9000
	160			0		0	0	0	0			199	0	0		199	31840
	200			123		1708	0	0	3			823	801	2310		5768	1153600
	230			0		0	0	0	0			1	0	0		1	230
	250			0		22	0	0	0			77	2	6		107	26750
	300			0		44	0	0	0			57	6	44		151	45300
	315			12		1248	0	0	0			1209	123	1831		4423	1393245
	350			0		0	0	0	0			1	0	0		1	350
	400			0		6	0	0	0			5	0	0		11	4400
	450			0		3	0	0	0			0	0	0		3	1350
	500			2		839	0	0	0			950	25	346		2162	1081000



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.
22/0.4 KV	600			0		0	0	0	0			0	0	0		0	0
	630			0		1429	0	0	0			1054	3	1455		3941	2482830
	730			0		0	0	0	0			0	0	0		0	0
	750			0		1	0	0	0			285	0	0		286	214500
	830			0		0	0	0	0			4	0	0		4	3320
	950			0		0	0	0	0			26	0	0		26	24700
	1000			0		2	0	0	0			18	0	2		22	22000
	1250			0		0	0	0	0			2	0	0		2	2500
	1500			0		0	0	0	0			5	0	0		5	7500
TOTAL		0	0	6229	0	12295	0	0	4	0	0	5535	16028	12950	0	53041	9356420
33/0.4 kV	50	2		0		7	0	0	0			0	0			9	450
	100	2		0		1	0	0	0			0	0			3	300
	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	8	0	0	0	0	0	1	0	0	0	13	950
GRAND TOTAL		49268	33918	38185	53767	15083	8047	32603	64176	38480	25888	8762	58424	28805	16360	471766	43310872



ANNEXURE 28

VILLAGES ELECTRIFIED DURING 2012-2013

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. During the year 2011-12, 207 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	Achievement during the year 2012-2013 by MSEDCL		As on 31.3.2013 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			
1	2	3	4	5	6	7	8	9
1.	Gr. Bombay	1	-	-	-	1	-	100.00
2.	Thane	1764	26,686		629	1764	27315	100.00
3.	Raigad	1877	15,548		574	1877	16122	99.58
KALYAN ZONE		3642	42234	0	1203	3642	43437	99.78
4.	Ratnagiri	1549	15,020		546	1549	15566	100.00
5.	Sindhudurg	735	17,992		877	735	18869	98.26
KOKAN ZONE		2284	33012	0	1423	2284	34435	99.43
6.	Nasik	1940	309,429		16593	1940	326022	99.95
7.	Dhule	680	138,874		2700	680	144050	99.85
8.	Nandurbar	759			2476	759		80.74
9.	Jalgaon	1503	203,095		6360	1503	209,472	99.80
10.	Ahmednagar	1596	368,172		14579	1596	382,751	100.00
NASIK ZONE		6478	1019570	0	42708	6478	1062295	97.21
11.	Pune	1864	244,048		10518	1864	254566	99.73
12.	Satara	1729	140,361		11948	1729	152309	99.88
13.	Sangli	729	184,185		12853	729	197038	100.00
14.	Solapur	1148	306,264		9542	1148	315806	100.00
15.	Kolhapur	1211	108,443		7219	1211	115662	99.75
KOLHAPUR ZONE		6681	983301	0	52080	6681	1035381	99.85
16.	Aurangabad	1309	192,827		1947	1309	194774	100.00
17.	Jalna	967	99,404		4197	967	103601	100.00
18.	Parbhani	838	144,588		3361	838	151399	100.00
19.	Hingoli	683			3450	683		101.04
AURANGABAD ZONE		3797	436819	0	12955	3797	449774	100.18
20.	Nanded	1559	110,141		2246	1559	112387	100.00
21.	Beed	1360	177,670		3961	1360	181631	100.00
22.	Osmanabad	737	124,468		5200	737	129668	100.00
23.	Latur	926	117,485		4172	926	121657	100.00
BEED ZONE		4582	529764	0	15579	4582	545343	100.00
24.	Buldhana	1303	138,156		6436	1303	144592	99.62
25.	Akola	863	93,237		3160	863	98412	99.20
26.	Washim	706			2015	706		100.00
27.	Amravati	1654	110,233		5354	1654	115587	97.87
28.	Yeotmal	1869	91,565		3899	1869	95464	100.00
AMRAVATI ZONE		6395	433191	0	20864	6395	454055	99.26
29.	Wardha	1011	63,530		2380	1011	65910	100.00
30.	Nagpur	1643	97,587		2049	1643	99,637	99.16
31.	Bhandara	784	56,516		2449	784	60683	100.00
32.	Gondia	895			1718	895		100.00
33.	Chandrapur	1486	37,084		2421	1486	39505	100.00
34.	Gadchiroli	1502	10,572		1108	1502	11680	98.62
NAGPUR ZONE		7321	265289	0	12125	7321	277415	99.52
TOTAL FOR STATE		41180	3743180	0	158937	41180	3902135	99.29



MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.

33 kV & 22 kV SUB-STATIONS IN MSEDC LTD. AS ON 31.03.13

Sr. No.	Name of the District	33 kV & 22 kV s/s as on 31.03.12	Added during 12-13	33 kV & 22 kV s/s as on 31.03.13
1	2	3	4	5
1.	Gr.Mumbai	17	1	18
2.	Thane	90	9	99
3.	Raigad	32	2	34
4.	Ratnagiri	38	2	40
5.	Sindhudurg	24	0	24
6.	Nasik	162	20	182
7.	Dhule	51	3	54
8.	Nandurbar	41	2	43
9.	Jalgaon	117	6	123
10.	Ahmednagar	141	5	146
11.	Pune	209	10	219
12.	Satara	64	8	72
13.	Sangli	98	14	112
14.	Solapur	167	10	177
15.	Kolhapur	95	11	106
16.	Aurangabad	107	0	107
17.	Jalna	67	3	70
18.	Parbhani	66	2	68
19.	Hingoli	49	1	50
20.	Nanded	104	2	106
21.	Beed	110	6	116
22.	Osmanabad	83	2	85
23.	Latur	98	0	98
24.	Buldhana	71	6	77
25.	Akola	43	6	49
26.	Washim	31	2	33
27.	Amravati	62	4	66
28.	Yeotmal	66	11	77
29.	Nagpur	75	4	79
30.	Wardha	32	5	37
31.	Bhandara	23	2	25
32.	Gondia	20	4	24
33.	Chandrapur	40	3	43
34.	Gadchiroli	21	0	21
TOTAL FOR STATE		2514	166	2680