

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Mar/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	104.010	1102.886	1) Gujrat	-1.479	-31.419
2) Hydro	8.738	78.684	2) Madhya Pradesh	10.036	118.967
3) Gas	10.827	116.750	3) Chattisgarh	6.360	69.340
Total MSPGCL	123.575	1298.320	4) Maharashtra Net	92.930	942.935
B) 1) APLM	57.461	686.081	5) Goa (Amona)	-0.316	-8.064
2) JSWEL	27.346	275.012	6) TAPS 1&2 Injection	3.777	40.032
3) VIPL	13.475	133.070	7) RGPPL Injection	11.648	127.594
4) RPL(AMT)	17.030	176.628	8) Pench (MS)	0.354	1.649
5) WPCL	4.895	41.158	9) Pench (Excess)	-0.354	-1.649
6) Other IPP	8.389	91.529	Total	122.602	1257.736
C) 1) TPCL Thermal	15.371	137.842	a) Mumbai Schedule	21.536	220.741
2) TPCL Hydro	4.269	37.806	b) Mumbai Drawl	23.881	277.624
3) TPCL Gas	4.302	45.165	c) MSEDCL Bilateral *	34.003	319.895
4) R-INFRA Thermal	12.014	123.445	Include PX	-0.305	-15.751
D) STATE			d) Mumbai Bilateral *	21.536	220.741
1) Thermal	259.991	2767.651	Include PX	2.684	31.558
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	13.007	116.490	H) ENERGY CATERED (MUs)		
3) Gas	15.129	161.915	1) MSEDCL	361.558	3775.808
4) Wind	9.340	80.272	2) Mumbai Discoms	59.837	621.880
6) SOLAR	1.326	13.626	TOTAL STATE	421.395	4397.688
TOTAL STATE	298.793	3139.954			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4637	4430	4227	3870
MSPGCL Hydro	985	644	584	111
MSPGCL Gas	464	427	455	458
MSPGCL Total Generation	6086	5501	5266	4439
Central Sector Receipt	5880	5382	5278	4836
WIND	92	84	530	387
CPP / IPP	5636	5604	5317	4567
SOLAR	156	182	0	0
Exchange with Mumbai	-1167	-1254	-1053	-563
MSEDCL DEMAND MET	16683	15499	15338	13666
Load Shedding	4	4	4	4
MSEDCL DEMAND	16687	15503	15342	13670
TPCL GENERATION	1278	1267	1241	748
R-INFRA GENERATION	518	520	517	403
MUMBAI DEMAND	2963	3041	2811	1714
STATE DEMAND MET	19646	18540	18149	15380
STATE DEMAND	19650	18544	18153	15384
Frequency (Hz)	49.88	49.94	49.93	49.82

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 22:00 Hrs	49.71 Hz at 04:52 Hrs	49.92	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 11/Mar/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	4.01	0	0
Unit 8	0.00	79.53	0	0
Total	0.00	83.54		
Bhusawal				
Unit 2	4.14	26.18	195	155
Unit 3	4.10	34.78	180	155
Unit 4	0.00	0.00	0	0
Unit 5	10.18	96.76	505	350
Total	18.42	157.72		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.54	48.32	203	155
Unit 4	4.33	46.56	194	145
Unit 5	10.82	109.11	478	360
Unit 6	0.00	40.63	0	0
Unit 7	10.14	106.36	445	360
Total	29.82	350.97		
Paras				
Unit 3	5.88	44.63	256	205
Unit 4	6.00	23.08	265	201
Total	11.88	67.71		
Khaparkheda				
Unit 1	3.86	43.22	175	145
Unit 2	4.11	44.29	185	160
Unit 3	4.30	32.47	191	135
Unit 4	4.40	46.62	201	160
Unit 5	11.02	116.77	505	370
Total	27.69	283.38		
Nasik				
Unit 3	2.22	43.98	200	0
Unit 4	4.10	44.39	193	152
Unit 5	4.45	45.93	199	161
Total	10.77	134.30		
Uran				
All Units	10.83	116.75	473	417
Total	10.83	116.75		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.35	1.65	45	0
Total	0.35	1.65		
Koyna				
Stage 1-2	3.32	35.51	405	40
Stage 4	1.92	14.73	420	0
Stage 3	1.17	9.06	160	0
Total	6.40	59.31		
Hydro				
KDPH	0.63	3.30	34	17
VTRNA	0.00	0.00	0	0
TILLARI	0.18	1.12	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	2.40	40	0
RNGR+BHTSA	0.21	2.13	14	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.83	10.24	35	34
GHATGHAR	0.20	0.20	125	0
Total	2.34	19.38		
Wind				
Total	9.34	80.27	0	0
Total	9.34	80.27		
CPP				
APML(Mus)	57.46	686.08	0	0
JSWEL(Mus)	27.35	275.01	0	0
VIPL(Mus)	13.48	133.07	0	0
RPLAMT(Mus)	17.03	176.63	0	0
WPCL(Mus)	4.90	41.16	0	0
Other(Mus)	8.39	91.53	0	0
Total	128.60	1403.48		
SOLAR				
Total	1.33	13.63	0	0
Total	1.33	13.63		
Tata				
Trombay 5	9.68	102.22	469	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.70	28.11	117	108
Trombay 7B	1.60	17.05	68	66
Trombay 8	5.69	35.62	248	200
TATA Hydro	4.27	37.81	394	0
Total	23.94	220.81		
R-INFRA				
1-2	12.01	123.44	520	403
Total	12.01	123.44		

Infirm Power	Chandrapur 8	0.00	Koradi 9	5.43
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	104.01	1102.89
MSPGCL Thml+Gas	114.84	1219.64

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.74	78.68
MSPGCL Total	123.58	1298.32

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.24	50.24
State Total	298.79	3139.95

Hourly Load Data As on 11/Mar/2016

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	4374	106	448	4928	405	5414	0	4832	4999	-799	14947	4	14951	2050	17001	49.90
2	4299	111	458	4868	433	5341	0	4741	4405	-684	14363	4	14367	1900	16267	49.91
3	3977	106	460	4543	418	5007	0	4731	4497	-637	13828	4	13832	1769	15601	49.94
4	3870	111	458	4439	387	4567	0	4714	4836	-563	13666	4	13670	1714	15384	49.82
5	3875	111	471	4457	466	4464	0	4723	5143	-611	13919	4	13923	1716	15639	49.82
6	4233	341	461	5035	409	4816	0	4843	5159	-637	14782	4	14786	1835	16621	49.84
7	4480	146	466	5092	492	5551	0	4997	5231	-560	15806	4	15810	1960	17770	49.90
8	4698	216	473	5387	450	5631	21	5022	5584	-695	16378	4	16382	2106	18488	49.96
9	4729	162	448	5339	301	5629	69	5182	5622	-956	16004	4	16008	2443	18451	49.93
10	4689	610	453	5752	214	5653	132	5185	5463	-1052	16162	4	16166	2732	18898	49.87
11	4637	985	464	6086	92	5636	156	5222	5880	-1167	16683	4	16687	2963	19650	49.88
12	4664	937	417	6018	82	5632	184	5352	5703	-1257	16362	4	16366	3046	19412	49.95
13	4430	644	427	5501	84	5604	182	5328	5382	-1254	15499	4	15503	3041	18544	49.94
14	4300	290	431	5021	98	5615	190	5305	5899	-1244	15579	4	15583	2934	18517	49.97
15	4353	534	419	5306	170	5598	164	5270	5287	-1275	15250	4	15254	2999	18253	49.93
16	4432	616	437	5485	390	5594	124	5305	4979	-1274	15298	4	15302	3009	18311	49.89
17	4335	394	446	5175	408	5596	67	5107	4912	-1376	14782	4	14786	2990	17776	49.97
18	4349	411	435	5195	456	5556	30	4262	3675	-1217	13695	4	13699	2902	16601	49.98
19	4326	317	447	5090	418	5412	0	4508	4724	-1141	14503	4	14507	2808	17315	49.90
20	4227	584	455	5266	530	5317	0	5176	5278	-1053	15338	4	15342	2811	18153	49.93
21	4258	367	469	5094	714	5317	7	5155	5108	-1014	15226	4	15230	2716	17946	49.94
22	4192	188	457	4837	733	5325	0	5060	4671	-1152	14414	4	14418	2568	16986	49.96
23	4157	193	459	4809	591	5281	0	5005	4904	-1177	14408	4	14412	2457	16869	49.96
24	4126	258	468	4852	599	5041	0	4924	5261	-1086	14667	4	14671	2368	17039	49.95
MUs	104.0 1	8.74	10.83	123.58	9.34	128.60	1.33	119.95	122.60	-23.88	361.56	0.10	361.65	59.84	421.49	49.92

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/Mar/2016

Position as on 6.30 Hrs of 12/Mar/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(Converted to AOH for 30 Days from 00.00Hrs 06-03-2016)	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
RGPPL	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
RGPPL	Dabhol 3X	290	03/02/2016	15:36		Continued.	Change Over	
MSPGCL	Ghatghar Unit-2	125	09/02/2016	18.00	11/03/2016	11.20	oil filtration work.	
MSPGCL	Bhusawal Unit 4	500	14/02/2016	12.10		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Ghatghar Unit-1	125	15/02/2016	00.00		Continued.	Attending Water valve Leakage.	
IPP	RPL(AMT) U-2	270	16/02/2016	01.14		Continued.	Due to Zero Schedule Given by MSEDCL.	
IPP	RPL(AMT) U-3	270	16/02/2016	01.17		Continued.	Due to Zero Schedule Given by MSEDCL.	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	Change Over , No Schedule	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Koradi Unit 7	210	01/03/2016	23.55		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Uran Unit 8	108	04/03/2016	22.55		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 6	500	05/03/2016	10.15		Continued.	Turbine bearing Vabration high	
IPP	Adani U-3	660	09/03/2016	18.07		Continued.	Hydrogen cooler inlet valve flange leakage.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/Mar/2016

Position as on 6.30 Hrs of 12/Mar/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit-8	660	10/03/2016	12.30		Continued.	Ash Evecuation Problem.	
MSPGCL	Koyna Unit 9	80	10/03/2016	14.55		Continued.	GT buchhloz Alaram problem	
MSPGCL	Nasik Unit 3	210	11/03/2016	12.32		Continued.	Boiler Tube Leakage	
MSPGCL	Koyna Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
RGPL	Dabhol 2A	230	12/03/2016	01.39		Continued.	low schedule	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 12/Mar/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	10/03/2016	21.32	11/03/2016	00.33	PO	Testing of control & protection card
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	10/03/2016	17.05	11/03/2016	06.59	HT	Over Voltage
Padgha Tarapur I	InterState	11/03/2016	02.21	11/03/2016	07.07	T	Over Voltage
Kolhapur Solapur(PG) I	InterState	11/03/2016	03.13	11/03/2016	06.40	HT	Over Voltage
Akola Aurangabad(PG) II	InterState	11/03/2016	09.14	11/03/2016	19.22	PO	Insulator Replacement Work
Dhule Sar'Sarovar II	InterState	11/03/2016	15.35	11/03/2016	16.19	T	Distance Protection
Dhule Sar'Sarovar I	InterState	11/03/2016	17.25	12/03/2016	06.32	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	11/03/2016	17.26	12/03/2016	06.38	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over(outage taken on 2/3/2016 at 10.34hrs for commissioning of 765KV Ektuni S/Stn)
Babhaleshwar-Taptitanda ckt-II	IntraState	11/02/2016	18.40		Continued.	HT	CHANGE OVER
Bhusawal-Aurangabad	IntraState	26/02/2016	17.08		Continued.	HT	Over Voltage
Cahndrapur II - Dhariwal II	IntraState	10/03/2016	09.34	11/03/2016	12.58	PO	Line Maintenance work
karad -kolhapur-I	IntraState	10/03/2016	16.34	11/03/2016	08.49	HT	Over Voltage
Karad - Jaigad - II	IntraState	10/03/2016	16.35	11/03/2016	08.55	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	11/03/2016	02.21	11/03/2016	06.27	T	Over Voltage
Padghe - Kharghar	IntraState	11/03/2016	08.40	11/03/2016	17.07	PO	shifted on TBC for Attending hot spot
karad -kolhapur-II	IntraState	11/03/2016	16.38		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	11/03/2016	16.41		Continued.	HT	Over Voltage
Kalwa - Kharghar	IntraState	11/03/2016	16.42	11/03/2016	16.49	PO	relay problem
Babhaleshwar - Padghe-II	IntraState	12/03/2016	06.06		Continued.	PO	Relay Testing Work
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	11/03/2016	02.26	11/03/2016	06.38	T	due to burning of differntila control cable
220 KV LINE Outages/Trippings							
Hingoli- Girawali	InterState	14/02/2016	12.37		Continued.	HT	To Improve Voltage @ Hingoli.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kalwa - Borivali	IntraState	10/01/2016	09:15		Continued.	PO	Tower Erection Work.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Bableshevar- Alephata	IntraState	03/02/2016	06.28		Continued.	HT	controlling bblsr ICT Overloading
Bableshevar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	controlling bblsr ICT Overloading
Khadka-Chalisgaon-1	IntraState	29/02/2016	10:08		Continued.	PO	For Diversion of CKT Which Submerges in Waghur Dam.
Khadka-Chalisgaon-2	IntraState	29/02/2016	10:14		Continued.	PO	For Diversion of CKT Which Submerges in Waghur Dam.
Wadkhal - Ipcl 1	IntraState	09/03/2016	08.55		Continued.	PO	Conductor Stringing Work.
Chakan-Chinchwad	IntraState	10/03/2016	20.31	11/03/2016	04.54	PO	Eraction of narow base M/C tower
Telco- Chinchwad	IntraState	10/03/2016	20.32	11/03/2016	04.55	PO	Eraction of narow base m/c tower

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 12/Mar/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kalwa - Airoli Knowledge Park	IntraState	11/03/2016	02.27	11/03/2016	23.02	T	Tripped main bus -1 (creek side) due to newly erected 50 mva t/f 1 caught fire
Main Bus I @ Kalwa	IntraState	11/03/2016	02.27	11/03/2016	22.22	T	Tripped main bus -1 (creek side) due to newly erected 50 mva t/f 1 caught fire
Apta - Kalwa	IntraState	11/03/2016	02.46	11/03/2016	03.10	T	Tripped on Apta end only
Flagship-Nandedcity	IntraState	11/03/2016	05.04	11/03/2016	08.22	PO	chinchwad outage
Kalwa Salsette III	IntraState	11/03/2016	07.02	11/03/2016	08.15	PO	Tree cutting
Padghe - Kamba	IntraState	11/03/2016	08.38	11/03/2016	14.16	PO	Attending Hot Spot
Uran - Apta II	IntraState	11/03/2016	12.29	11/03/2016	17.25	PO	Replacement of earth rusted earth wire
Dahanu Versova	IntraState	11/03/2016	13.39	11/03/2016	17.44	T	Distance Protection
Kalmeshwar-Pandhurna	IntraState	11/03/2016	14.41	11/03/2016	16.13	EO	relay testing work & manage load
Wada - Bhaveghar	IntraState	11/03/2016	15.00	11/03/2016	19.59	PO	Scada work
Chinchwad-Hinjewadi I	IntraState	11/03/2016	20.14	12/03/2016	05.55	PO	conductor strinning work
Chakan-Chinchwad	IntraState	11/03/2016	20.40	12/03/2016	05.44	PO	conductor stringing work
Telco- Chinchwad	IntraState	11/03/2016	20.42	12/03/2016	05.46	PO	conductor stringing work
Flagship-Nandedcity	IntraState	12/03/2016	05.52		Continued.	PO	chinchwad outage
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/100 kv 200 MVA ICT-II @Kalwa	IntraState	11/03/2016	02.27	11/03/2016	23.04	T	Tripped main bus -1 (creek side) due to newly erected 50 mva t/f 1 caught fire charge from hv only
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	11/03/2016	02.27		Continued.	T	Tripped main bus -1 (creek side) due to newly erected 50 mva t/f 1 caught fire
132 KV LINE Outages/Trippings							
Kanhan Pench	InterState	11/03/2016	13.07	11/03/2016	16.26	PO	Testing Work
Theur-Sanaswadi	IntraState	10/03/2016	16.41		Continued.	PO	Tree cutting
Manmad-Pimperkhed	IntraState	11/03/2016	10.50	11/03/2016	13.30	PO	C&T Tan Delta ,CB timing work
132 KV ICT Outages/Trippings							
132/11 Kv 25 Mva Emco Ptr 4 @Boisar-I (Midc)	IntraState	11/03/2016	15.15	11/03/2016	17.45	PO	Routine Maintenance Work
100 KV LINE Outages/Trippings							
100KV Kalwa - Sify	IntraState	11/03/2016	02.27	11/03/2016	03.24	T	Tripped main bus -1 (creek side) due to newly erected 50 mva t/f 1 caught fire
Kalwa - Vashi 1	IntraState	11/03/2016	02.27	11/03/2016	03.21	T	Tripped main bus -1 (creek side) due to newly erected 50 mva t/f 1 caught fire
Kalwa - Nocil 1	IntraState	11/03/2016	02.27	11/03/2016	03.20	T	Tripped main bus -1 (creek side) due to newly erected 50 mva t/f 1 caught fire

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage