

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Mar/2015 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.136	1573.854	1) Gujrat	-3.773	-40.400
2) Hydro	7.926	108.827	2) Madhya Pradesh	14.530	173.266
3) Gas	8.604	106.491	3) Chattisgarh	5.010	61.240
Total MSPGCL	144.666	1789.172	4) Maharashtra Net	83.440	982.378
B) 1) APML	42.680	544.640	5) Goa	-6.809	-80.793
2) JSWEL	15.090	158.417	6) TAPS 1&2 Injection	3.567	47.563
3) VIPL	9.168	121.245	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	4.240	67.680	8) Pench (MS)	0.109	1.196
5) WPCL	2.637	33.559	9) Pench (Excess)	-0.109	-1.234
6) Other IPP	9.435	116.503	Total	95.856	1142.020
C) 1) TPCL Thermal	15.384	172.331	a) Mumbai Schedule	20.164	240.145
2) TPCL Hydro	3.559	33.556	b) Mumbai Drawl	25.480	254.260
3) TPCL Gas	3.226	38.058	c) MSEDCL Bilateral *	21.228	279.085
4) R-INFRA Thermal	11.293	135.395	Include PX	-1.947	-6.282
D) STATE			d) Mumbai Bilateral *	20.164	240.145
1) Thermal	238.063	2923.624	Include PX	1.735	3.997
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	11.485	142.383	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	11.830	144.549	1) MSEDCL	307.605	3838.093
4) Wind	8.486	101.268	2) Mumbai Discoms	58.942	633.590
6) SOLAR	0.827	16.653	TOTAL STATE	366.547	4471.683
TOTAL STATE	270.691	3328.477			

* 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	5382	5406	5368	5270
MSPGCL Hydro	327	615	313	124
MSPGCL Gas	424	365	272	440
MSPGCL Total Generation	6133	6386	5953	5834
Central Sector Receipt	5384	4798	4409	2848
WIND	330	167	441	315
CPP / IPP	3457	3443	3422	3341
SOLAR	94	124	0	0
Exchange with Mumbai	-1283	-1306	-1222	-631
MSEDCL DEMAND MET	14115	13612	13003	11707
Load Shedding	46	48	24	39
MSEDCL DEMAND	14161	13660	13027	11746
TPCL GENERATION	1103	1155	1076	698
R-INFRA GENERATION	518	518	517	380
MUMBAI DEMAND	2904	2979	2835	1709
STATE DEMAND MET	17019	16591	15838	13416
STATE DEMAND	17065	16639	15862	13455
Frequency (Hz)	49.92	49.98	50.00	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.31 Hrs	49.65 Hz at 21.07 Hrs	49.95	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 13/Mar/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	3.97	49.20	170	155
Unit 7	4.01	49.54	175	160
Total	7.98	98.74		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.02	51.74	175	160
Unit 4	9.22	89.08	405	360
Unit 5	9.19	120.50	395	370
Total	22.42	261.32		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.56	37.68	155	140
Unit 5	3.61	29.84	155	146
Unit 6	4.40	60.10	193	155
Unit 7	4.48	45.92	195	184
Total	16.04	173.54		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.21	42.55	138	122
Unit 3	4.04	54.52	174	163
Unit 4	4.10	52.50	180	164
Unit 5	9.10	94.30	390	354
Unit 6	8.76	106.82	380	355
Unit 7	8.74	113.72	391	310
Total	37.95	464.41		
Paras				
Unit 3	4.75	60.95	210	187
Unit 4	0.00	18.35	0	0
Total	4.75	79.31		
Khaparkheda				
Unit 1	4.20	52.72	190	155
Unit 2	3.72	48.86	170	130
Unit 3	4.51	49.30	189	185
Unit 4	4.24	54.43	187	164
Unit 5	9.80	125.41	420	400
Total	26.48	330.72		
Nasik				
Unit 3	4.16	55.62	190	160
Unit 4	4.21	55.44	185	165
Unit 5	4.16	54.77	179	167
Total	12.52	165.83		
Uran				
All Units	8.60	106.49	450	270
Total	8.60	106.49		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.11	1.20	23	0
Total	0.11	1.20		
Koyna				
Stage 1-2	2.99	37.50	505	40
Stage 4	0.00	13.69	0	0
Stage 3	0.31	11.45	160	0
Total	3.30	62.63		
Hydro				
KDPH	0.28	2.83	19	0
VTRNA	1.20	13.34	61	0
TILLARI	0.26	3.10	63	0
BHTGR/VEER	0.07	0.20	3	2
BHIRA T.R.	0.34	1.48	80	0
RNGR+BHTSA	0.28	3.69	12	11
BHANDARDRA	0.45	2.45	39	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.80	7.07	34	33
GHATGHAR	0.96	12.02	250	0
Total	4.63	46.19		
Wind				
Total	8.49	101.27	0	0
Total	8.49	101.27		
CPP				
APML(Mus)	42.68	544.64	0	0
JSWEL(Mus)	15.09	158.42	0	0
VIPL(Mus)	9.17	121.24	0	0
RPLAMT(Mus)	4.24	67.68	0	0
WPCL(Mus)	2.64	33.56	0	0
Other(Mus)	9.44	116.50	0	0
Total	83.25	1042.04		
SOLAR				
Total	0.83	16.65	0	0
Total	0.83	16.65		
Tata				
Trombay 5	9.91	103.42	496	220
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.88	22.55	114	61
Trombay 7B	1.35	15.51	68	51
Trombay 8	5.48	68.91	252	199
TATA Hydro	3.56	33.56	362	0
Total	22.17	243.94		
R-INFRA				
1-2	11.29	135.40	520	379
Total	11.29	135.40		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	128.14	1573.85
MSPGCL Thml+Gas	136.74	1680.34

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.93	108.83
MSPGCL Total	144.67	1789.17

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.99	51.18
State Total	270.69	3328.48

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/Mar/2015

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	5317	116	434	5867	450	3436	0	3597	3278	-1096	11935	42	11977	2069	14046	49.97
2	5299	121	436	5856	301	3398	0	3306	3215	-837	11933	39	11972	1874	13846	49.96
3	5277	126	444	5847	441	3372	0	2975	2967	-758	11869	39	11908	1772	13680	49.96
4	5270	124	440	5834	315	3341	0	2888	2848	-631	11707	39	11746	1709	13455	49.90
5	5302	232	442	5976	310	3383	0	2961	2991	-611	12049	39	12088	1698	13786	49.88
6	5368	273	442	6083	330	3364	0	3539	3533	-697	12613	44	12657	1797	14454	49.86
7	5368	300	448	6116	410	3478	0	4380	4346	-856	13494	69	13563	1963	15526	49.93
8	5348	286	450	6084	366	3632	12	4642	4717	-744	14067	69	14136	2094	16230	50.00
9	5401	206	440	6047	365	3779	45	5170	4884	-969	14151	69	14220	2356	16576	50.01
10	5361	291	433	6085	350	3572	68	5370	5033	-1231	13877	52	13929	2727	16656	49.94
11	5382	327	424	6133	330	3457	94	5184	5384	-1283	14115	46	14161	2904	17065	49.92
12	5340	491	385	6216	323	3431	117	4879	5076	-1314	13849	48	13897	2984	16881	49.90
13	5406	615	365	6386	167	3443	124	4844	4798	-1306	13612	48	13660	2979	16639	49.98
14	5359	475	271	6105	134	3608	118	4720	4819	-1206	13578	31	13609	2882	16491	49.99
15	5373	637	271	6281	139	3587	107	4645	4731	-1243	13602	25	13627	2947	16574	49.95
16	5322	601	274	6197	222	3571	74	4650	4551	-1228	13387	27	13414	2970	16384	49.95
17	5333	337	274	5944	254	3561	48	4582	4305	-1277	12835	29	12864	2964	15828	49.97
18	5351	215	276	5842	343	3467	20	3218	3236	-1256	11652	35	11687	2906	14593	49.95
19	5346	305	270	5921	364	3450	0	3231	3541	-1222	12054	22	12076	2809	14885	50.00
20	5368	313	272	5953	441	3422	0	4451	4409	-1222	13003	24	13027	2835	15862	50.00
21	5373	221	279	5873	496	3371	0	3825	3746	-1045	12441	24	12465	2666	15131	49.93
22	5327	318	277	5922	566	3455	0	3292	3313	-1093	12163	24	12187	2499	14686	49.98
23	5276	628	277	6181	469	3372	0	3005	2964	-1132	11854	24	11878	2350	14228	49.96
24	5271	368	280	5919	600	3300	0	3173	3173	-1223	11769	24	11793	2297	14090	49.95
MUs	128.14	7.93	8.60	144.67	8.49	83.25	0.83	96.53	95.86	-25.48	307.61	0.93	308.54	59.05	367.59	49.95

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 13/Mar/2015

Position as on 6.30 Hrs of 14/Mar/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Parli Unit 3	210	13/02/2013	23:50		Continued.	Water Shortage	
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refuelling Work. (60 Days)	
MSPGCL	Paras Unit 4	250	05/03/2015	00.00		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPL	Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
IPP	WPCL U-2	135	18/02/2014	00.02		Continued.	Ash conveying Problem	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	PA Fan Vibration Problem	
MSPGCL	Koradi Unit 5	200	17/06/2014	11:53		Continued.	Economic Shutdown	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
CPP	WPCL U-1	135	30/10/2014	00.43		Continued.	ESP bag Filter Damaged	
TPC-G	Trombay 6	500	17/02/2015	21.50		Continued.	Economic shutdown	
IPP	RPL(AMT) U-2	270	03/03/2015	23.23		Continued.	PA Fan problem	
IPP	JSW (J) U4	300	05/03/2015	00.15		Continued.	Boiler Tube Leakage	
IPP	WPCL U-3	135	06/03/2015	00.08		Continued.	Withdrawn	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 14/Mar/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Wardha(PG)-Aurangabad(PG) I	InterState	12/03/2015	13.25	13/03/2015	06.36	HT	Over Voltage
Wardha(PG)-Aurangabad(PG) I	InterState	13/03/2015	15.46		Continued.	HT	Over Voltage
Koradi-III - Akola-II ckt-I	IntraState	13/03/2015	15.53	13/03/2015	17.44	T	Distance Protection
400 KV LINE Outages/Trippings							
Waluj Aurangabad(PG) II	InterState	12/03/2015	12.23	13/03/2015	15.35	HT	Taken on TBC Due to Heavy Sparking on Isolator.
Kolhapur Mapusa II	InterState	12/03/2015	16.13	13/03/2015	09.02	HT	Over Voltage
Talegaon PG-Aurangabad-I	InterState	13/03/2015	16.34		Continued.	HT	Over Voltage
Waluj Aurangabad(PG) II	InterState	13/03/2015	17.03		Continued.	PO	Disc Insulator Replacement Work
Kolhapur Mapusa I	InterState	13/03/2015	17.45		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	13/03/2015	20.46		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	14/03/2015	05.02		Continued.	T	Over Voltage
Taptitanda Waluj	IntraState	27/01/2015	18.20		Continued.	HT	B Ph Jumper Open.
Nagothane - Dabhol-II	IntraState	06/03/2015	03.17		Continued.	T	Over Voltage
Nagothane - Dabhol I	IntraState	12/03/2015	10.45	13/03/2015	11.09	PO	Shifted From TBC To Own bay.
karad -kolhapur-I	IntraState	12/03/2015	16.09	13/03/2015	08.43	HT	Over Voltage
Karad-Jaigad - I	IntraState	12/03/2015	16.15	13/03/2015	08.47	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	12/03/2015	21.24	13/03/2015	07.06	HT	Over Voltage
karad -kolhapur-II	IntraState	13/03/2015	03.44	13/03/2015	07.01	T	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	13/03/2015	08.01	13/03/2015	13.31	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	13/03/2015	17.04		Continued.	HT	Over Voltage
Khadka - Bableshevar	IntraState	13/03/2015	18.36	13/03/2015	19.10	T	Over Voltage
Babhaleshwar - Padghe-II	IntraState	13/03/2015	18.36	13/03/2015	19.03	T	Over Voltage
Babhaleshwar - Padghe-I	IntraState	13/03/2015	18.36	13/03/2015	19.02	T	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	13/03/2015	18.36		Continued.	T	Distance Protection
Babhaleshwar-Taptitanda ckt-I	IntraState	13/03/2015	21.21		Continued.	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	13/03/2015	21.24	13/03/2015	07.06	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	13/03/2015	22.28		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	13/03/2015	22.58	13/03/2015	08.54	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- 2 @Warora	IntraState	16/02/2015	10.43		Continued.	HT	Attending CTR Fire System Nitrogen Leakage
400/220 KV 500 MVA ICT- I @Warora	IntraState	16/02/2015	18.56		Continued.	PO	Attending Oil Leakage
400/220 Kv 105 Mva Y Ph Spare Ict @Chakan	IntraState	13/03/2015	10.28	13/03/2015	16.10	PO	Fire Fightning Flase Indication.
400/220 KV 500 MVA ICT- III @ Aurangabad	IntraState	13/03/2015	17.04	13/03/2015	18.23	T	NDR Operated
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/03/2015	17.59		Continued.	HT	To control Loading of Bus Section at Nsk OCR
TBC @ Parli-II	IntraState	07/01/2015	15.48		Continued.	PO	Shifting of control panel
Kalwa Salsette III	IntraState	24/02/2015	09.03		Continued.	PO	Strengthening work,line taken in service on 02.03.15 at 11.39 hrs.to attend hot spot on kalwa-s'sette IV.again H/T on 03.03.15 at 10.23 Hrs.(45Days)
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection work (90Days)
Bableshevar -Waluj	IntraState	05/03/2015	06.35		Continued.	HT	To control A'Bad ICT Load

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 13/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 14/Mar/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Solapur(Bale) - Tuljapur	IntraState	05/03/2015	08.46		Continued.	HT	To control Girvali ICT Load
Osmanabad - Solapur (Bale)	IntraState	05/03/2015	08.46		Continued.	HT	To control Girvali ICT Load
Talandge(400kv)- Sawantwadi(Insul	IntraState	11/03/2015	12.43	13/03/2015	12.23	T	Distance Protection
Apta - Kalwa	IntraState	13/03/2015	08.53	13/03/2015	19.05	PO	For Availing Outage on 220kv Bus Section Naliser.
Jambhul - Anandnagar	IntraState	13/03/2015	09.35	13/03/2015	14.20	PO	Routine Maintenance Work
Vita - Miraj	IntraState	13/03/2015	10.00	13/03/2015	14.30	PO	Tan Delta Measurment of CTs
Malharpeth - Karad(400kv)	IntraState	13/03/2015	10.18	13/03/2015	12.46	PO	Line Signature Analysis.
Padghe - Jambhul 2	IntraState	13/03/2015	14.28	13/03/2015	18.21	PO	Routine Maintenance Work
Wada - Kolshet	IntraState	14/03/2015	05.07		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
132 KV LINE Outages/Trippings							
Boisar Midc - Dahanu 1	IntraState	13/03/2015	11.50	13/03/2015	14.16	PO	Distance Relay Testing Work
Phursungi(220kv)-Kothrud	IntraState	13/03/2015	23.11	13/03/2015	02.30	PO	Attending Hot Spot

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