

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.380	1359.106	1) Gujrat	0.440	40.439
2) Hydro	5.366	135.045	2) Madhya Pradesh	6.136	135.660
3) Gas	5.487	81.671	3) Chattisgarh	3.120	58.760
Total MSPGCL	124.233	1575.822	4) Maharashtra Net	96.112	1312.817
B) 1) APML	32.900	676.000	5) Goa	-6.808	-97.507
2) JSWEL	26.340	362.747	6) TAPS 1&2 Injection	3.414	49.726
3) VIPL	9.166	149.900	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	13.350	261.054	8) Pench (MS)	0.159	8.118
5) WPCL	4.094	53.574	9) Pench (Excess)	-0.159	-8.118
6) Other IPP	1.967	26.576	Total	102.255	1491.777
C) 1) TPCL Thermal	13.888	215.877	a) Mumbai Schedule	15.515	295.649
2) TPCL Hydro	0.250	27.464	b) Mumbai Drawl	23.636	329.260
3) TPCL Gas	3.765	40.573	c) MSEDCL Bilateral *	26.389	396.696
4) R-INFRA Thermal	9.657	154.145	Include PX	0.000	32.604
D) STATE			d) Mumbai Bilateral *	15.515	294.614
1) Thermal	224.742	3258.979	Include PX	-0.482	11.592
(A1+C1+C4+(B1-B6))			Include Standby	0.000	1.035
2) Hydro	5.616	162.509	H) ENERGY CATERED (MUs)		
3) Gas	9.252	122.244	1) MSEDCL	302.967	4384.968
4) Wind	11.171	103.097	2) Mumbai Discoms	51.196	767.309
6) SOLAR	1.127	13.681	TOTAL STATE	354.163	5152.277
TOTAL STATE	251.908	3660.510			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4700	4720	4707	4724
MSPGCL Hydro	679	587	536	71
MSPGCL Gas	287	284	134	303
MSPGCL Total Generation	5666	5591	5377	5098
Central Sector Receipt	4425	4416	4222	3619
WIND	531	558	771	133
CPP / IPP	3457	3411	4002	3561
SOLAR	159	151	0	0
Exchange with Mumbai	-1072	-1112	-984	-770
MSEDCL DEMAND MET	13166	13015	13388	11641
Load Shedding	19	19	21	19
MSEDCL DEMAND	13185	13034	13409	11660
TPCL GENERATION	745	793	980	633
R-INFRA GENERATION	496	405	398	399
MUMBAI DEMAND	2313	2310	2362	1802
STATE DEMAND MET	15479	15325	15750	13443
STATE DEMAND	15498	15344	15771	13462
Frequency (Hz)	49.94	49.91	49.88	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 06:02 Hrs	49.91 Hz at 00:07 Hrs	49.94	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/Sep/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.35	43.82	155	125
Unit 6	0.00	0.00	0	0
Unit 7	3.92	39.17	170	139
Total	7.28	82.99		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.16	53.10	180	170
Unit 4	10.13	137.90	500	400
Unit 5	9.70	87.14	415	380
Total	24.00	278.16		
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	3.32	41.68	145	133
Unit 3	4.14	46.46	178	166
Unit 4	0.00	0.00	0	0
Unit 5	9.17	121.63	395	370
Unit 6	9.16	124.02	400	365
Unit 7	9.02	111.53	390	357
Total	34.82	445.31		
Paras				
Unit 3	4.94	64.32	211	196
Unit 4	4.96	68.09	226	198
Total	9.90	132.41		
Khaparkheda				
Unit 1	3.85	27.36	175	125
Unit 2	3.68	44.56	165	135
Unit 3	3.99	45.35	170	158
Unit 4	3.98	45.91	174	162
Unit 5	8.63	101.32	390	342
Total	24.13	264.49		
Nasik				
Unit 3	4.39	58.20	185	175
Unit 4	4.42	43.22	193	180
Unit 5	4.45	54.32	189	182
Total	13.27	155.75		
Uran				
All Units	5.49	81.67	305	132
Total	5.49	81.67		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.16	8.12	33	0
Total	0.16	8.12		
Koyna				
Stage 1-2	1.44	44.98	275	40
Stage 4	1.04	37.76	241	0
Stage 3	0.79	19.02	160	0
Total	3.28	101.76		
Hydro				
KDPH	0.44	6.89	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.11	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	2.57	40	0
RNGR+BHTSA	0.00	1.00	0	0
BHANDARDRA	0.00	6.01	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.08	3.34	12	2
GHATGHAR	1.36	13.36	250	0
Total	2.08	33.28		
Wind				
Total	11.17	103.10	0	0
Total	11.17	103.10		
CPP				
APML(Mus)	32.90	676.00	0	0
JSWEL(Mus)	26.34	362.75	0	0
VIPL(Mus)	9.17	149.90	0	0
RPLAMT(Mus)	13.35	261.05	0	0
WPCL(Mus)	4.09	53.57	0	0
Other(Mus)	1.97	26.58	0	0
Total	87.82	1529.85		
SOLAR				
Total	1.13	13.68	0	0
Total	1.13	13.68		
Tata				
Trombay 5	8.55	140.78	483	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.32	30.72	115	64
Trombay 7B	1.45	9.85	67	50
Trombay 8	5.34	75.10	246	200
TATA Hydro	0.25	27.46	150	0
Total	17.90	283.91		
R-INFRA				
1-2	9.66	154.14	496	394
Total	9.66	154.14		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	113.38	1359.11
MSPGCL Thml+Gas	118.87	1440.78

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.37	135.04
MSPGCL Total	124.23	1575.82

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.49	82.74
State Total	251.91	3660.51

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/Sep/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	4723	76	305	5104	123	4083	0	4381	4341	-1169	12482	31	12513	2196	14709	49.89
2	4724	76	304	5104	136	3873	0	4287	4072	-996	12189	19	12208	2026	14234	49.94
3	4702	61	304	5067	279	3654	0	4092	3732	-883	11849	19	11868	1910	13778	49.97
4	4710	66	302	5078	239	3571	0	3776	3534	-801	11621	19	11640	1829	13469	49.96
5	4724	71	303	5098	133	3561	0	3604	3619	-770	11641	19	11660	1802	13462	49.93
6	4742	61	297	5100	129	3570	0	3883	4083	-822	12060	19	12079	1850	13929	49.89
7	4771	80	294	5145	177	3474	2	4358	4242	-829	12211	19	12230	1858	14088	50.00
8	4746	74	295	5115	173	3547	19	4513	4619	-820	12653	19	12672	1889	14561	49.98
9	4763	113	294	5170	276	3395	72	4784	4828	-934	12807	19	12826	1995	14821	49.96
10	4695	483	292	5470	359	3433	106	4629	4480	-1047	12801	19	12820	2124	14944	49.97
11	4724	712	290	5726	418	3492	135	4585	4395	-1117	13049	19	13068	2248	15316	49.99
12	4700	679	287	5666	531	3457	159	4575	4425	-1072	13166	19	13185	2313	15498	49.94
13	4720	587	284	5591	558	3411	151	4570	4416	-1112	13015	19	13034	2310	15344	49.91
14	4721	436	282	5439	593	3456	161	4575	4373	-1057	12965	21	12986	2258	15244	49.89
15	4732	347	132	5211	584	3546	148	4532	4509	-1016	12982	21	13003	2213	15216	49.97
16	4725	326	136	5187	812	3602	101	4540	4302	-972	13032	21	13053	2172	15225	49.97
17	4726	89	136	4951	836	3416	49	4371	4286	-937	12601	21	12622	2136	14758	50.00
18	4714	72	136	4922	789	3519	17	4089	3896	-918	12225	21	12246	2134	14380	49.95
19	4679	176	134	4989	882	3615	7	4515	4430	-934	12989	21	13010	2220	15230	49.90
20	4707	536	134	5377	771	4002	0	4651	4222	-984	13388	21	13409	2362	15771	49.88
21	4764	60	134	4958	778	4091	0	4618	4506	-1086	13247	21	13268	2384	15652	49.96
22	4767	60	137	4964	654	4005	0	4526	4210	-1075	12758	21	12779	2380	15159	49.93
23	4791	60	137	4988	493	4089	0	4394	4212	-1046	12736	21	12757	2254	15011	49.94
24	4610	65	138	4813	448	3955	0	4397	4523	-1239	12500	21	12521	2333	14854	49.88
MUs	113.38	5.37	5.49	124.23	11.17	87.82	1.13	105.25	102.26	-23.64	302.97	0.49	303.46	51.20	354.65	49.94

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/Sep/2015

Position as on 6.30 Hrs of 14/Sep/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna STG-IV Unit-2	250	20/08/2015	09.00		Continued.	Realigning of T-G Rotor & Adjusting the Bearing Clearances.(40 Days)	
MSPGCL	Chandrapur Unit 4	210	29/08/2015	23.55		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 2A	230	06/06/2013	09.10		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	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPPL	Dabhol 3B	230	29/12/2013	06.14		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	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
TPC-G	Bhira PSU	150	09/06/2015	10.53		Continued.	Stator Earth Fault	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
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	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
CPP	WPCL U-1	135	25/08/2015	19.18		Continued.	Maintenance work	
IPP	Adani U-5	660	06/09/2015	13.03		Continued.	Bottom Ash Problem	
IPP	RPL(AMT) U-3	270	11/09/2015	17.54	13/09/2015	21.49	Boiler Tube Leakage	
IPP	Adani U-4	660	11/09/2015	20.49		Continued.	Abnormal sound in generator bearing	
MSPGCL	Uran Unit 8	108	12/09/2015	13.08		Continued.	Gas shortage	
MSPGCL	Uran Unit 6	108	13/09/2015	14.02	14/09/2015	01.12	Lube Oil Leakage	
IPP	RPL(AMT) U-4	270	14/09/2015	02.37		Continued.	Turbine Shaft Vibration High	

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

Statement-VII

Position as on 6.30 Hrs of 14/Sep/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Kolhapur Mapusa II	InterState	12/09/2015	16.21	13/09/2015	08.06	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	12/09/2015	22.18		Continued.	HT	Over Voltage
Chakan Talegaon(Pg)	InterState	13/09/2015	09.41	13/09/2015	17.17	EO	To attend Hot Spot
Dhule Khandwa I	InterState	13/09/2015	10.26	13/09/2015	13.52	PO	Repl.of Insulator work
Kolhapur Mapusa I	InterState	13/09/2015	16.36		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-I	IntraState	05/09/2015	21.56		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	10/09/2015	16.40		Continued.	HT	For Controlling Padgha-BBLR D/C Loading.
karad -kolhapur-I	IntraState	12/09/2015	04.35	13/09/2015	10.00	EO	Sparking on bus isolator RFC at 12.30 dt.12/09/2015
Karad-Jaigad - I	IntraState	12/09/2015	16.14		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	12/09/2015	16.33		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	12/09/2015	23.50	13/09/2015	09.18	HT	Over Voltage
karad -kolhapur-II	IntraState	13/09/2015	16.07		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	14/09/2015	00.27		Continued.	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	14/09/2015	05.29		Continued.	PO	OPG Maintenance work
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	12/09/2015	07.21	13/09/2015	19.23	PO	special repair of stuctural strengthening of fire protection wall
220 KV LINE Outages/Trippings							
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 deenergising 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 deenergising the line bet.86 to 107.
REL Borivali TPC Borivali line	IntraState	10/07/2015	16.22		Continued.	T	Distance Protection
Padghe - Vasai	IntraState	15/08/2015	08:35		Continued.	PO	Removal of jumper & bunching work at Loc No. 51/1 & 35 (charged up to Loc No. 51/1 from Padghe end only)
Kalwa - Borivali	IntraState	16/08/2015	08.00		Continued.	PO	Erection of Loc.No.12 and shifting of conductor on NER M/C Tower
Kalwa - Mulund 1	IntraState	22/08/2015	07.35		Continued.	PO	Mumbai Strengthing work
REL Borivali TPC Borivali line	IntraState	10/09/2015	16.22		Continued.	T	Tripped on B ph Diff Prot. cable damage near reliance sub station.
Pedhambe - Oni	IntraState	12/09/2015	11.48	13/09/2015	00.00	T	conductor snapping
Nagothane - Posco	IntraState	12/09/2015	17.19	13/09/2015	02.43	T	Distance Protection
Temghar - Kalwa	IntraState	12/09/2015	21.40	13/09/2015	17.30	PO	Breaker Compressor problem(Ckt on TBC)
Khaparkhedha-Kaulewada-I	IntraState	13/09/2015	01.38	14/09/2015	04.03	T	Distance Protection
Kalwa-TIFIL	IntraState	13/09/2015	06.40	13/09/2015	22.53	PO	Strengthing work at Kalwa end
Main Bus I @ Kalwa	IntraState	13/09/2015	07.00	13/09/2015	19.25	PO	For strengthing of Tifil Bay at 400KV Kalwa end
Kalwa - Mulund 2	IntraState	13/09/2015	17.40	13/09/2015	20.58	EO	To attend Hot Spot
Ghatghar - Jindal	IntraState	13/09/2015	19.50	13/09/2015	20.08	T	Distance Protection
Bhugaon-Pusad	IntraState	13/09/2015	23.52		Continued.	T	Distance Protection
Lamboti-Vita	IntraState	13/09/2015	23.53	14/09/2015	00.05	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault

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/Sep/2015

Statement-VII

Position as on 6.30 Hrs of 14/Sep/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/22KV 100MVA T/F 4 @Mulund	IntraState	09/09/2015	12.20		Continued.	PO	Replacement of Control and Relay Panal
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	13/09/2015	12.00	13/09/2015	16.17	PO	R Phase Span Broken
132 KV LINE Outages/Trippings							
Nandurbar - Visarwadi	IntraState	12/09/2015	19.40	13/09/2015	03.40	T	Distance Protection
Telgaon - Majalgaon	IntraState	13/09/2015	18.55	13/09/2015	02.05	T	Distance Protection
Beed(220kv) -Telgaon	IntraState	13/09/2015	18.55	13/09/2015	19.50	T	Backup Protection
Khamgaon-Jalamb Tss No-li	IntraState	13/09/2015	21.07	13/09/2015	21.31	T	Distance Protection
Khamgaon-Jalamb Tss No-I	IntraState	13/09/2015	21.07	13/09/2015	21.32	T	Distance Protection
Kaulewada-Madgi-I	IntraState	13/09/2015	22.37	13/09/2015	22.58	T	Distance Protection