

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Jun/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	104.354	1648.755	1) Gujrat	3.458	22.628
2) Hydro	3.493	150.019	2) Madhya Pradesh	12.486	196.154
3) Gas	5.188	79.910	3) Chattisgarh	4.080	58.730
Total MSPGCL	113.035	1878.684	4) Maharashtra Net	73.247	1368.268
B) 1) APLM	50.870	787.400	5) Goa	-5.642	-94.130
2) JSWEL	14.288	223.650	6) TAPS 1&2 Injection	3.068	26.359
3) VIPL	9.677	153.835	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	4.680	71.650	8) Pench (MS)	0.080	1.234
5) WPCL	8.101	97.241	9) Pench (Excess)	-0.080	-0.831
6) Other IPP	4.508	75.756	Total	90.617	1577.178
C) 1) TPCL Thermal	12.432	221.825	a) Mumbai Schedule	19.695	377.843
2) TPCL Hydro	0.817	46.844	b) Mumbai Drawl	22.248	420.027
3) TPCL Gas	2.733	37.085	c) MSEDCL Bilateral *	31.242	426.689
4) R-INFRA Thermal	9.370	163.356	Include PX	-0.426	0.756
D) STATE			d) Mumbai Bilateral *	19.695	377.843
1) Thermal	218.280	3443.468	Include PX	0.819	27.630
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	4.310	196.863	H) ENERGY CATERED (MUs)		
3) Gas	7.921	116.995	1) MSEDCL	298.908	4680.494
4) Wind	24.404	219.996	2) Mumbai Discoms	47.591	889.118
6) SOLAR	0.976	14.300	TOTAL STATE	346.499	5569.612
TOTAL STATE	255.891	3991.622			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4427	4335	4596	4157
MSPGCL Hydro	263	189	347	76
MSPGCL Gas	274	265	142	269
MSPGCL Total Generation	4964	4789	5085	4502
Central Sector Receipt	4693	3931	3226	4138
WIND	729	1003	1227	549
CPP / IPP	3718	3842	4084	3826
SOLAR	103	153	0	0
Exchange with Mumbai	-1050	-1028	-987	-877
MSEDCL DEMAND MET	13157	12690	12635	12138
Load Shedding	46	44	40	44
MSEDCL DEMAND	13203	12734	12675	12182
TPCL GENERATION	633	671	819	582
R-INFRA GENERATION	381	384	382	381
MUMBAI DEMAND	2064	2083	2188	1840
STATE DEMAND MET	15221	14773	14823	13978
STATE DEMAND	15267	14817	14863	14022
Frequency (Hz)	50.05	49.96	49.93	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 07.29 Hrs	49.77 Hz at 19.31 Hrs	50	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 14/Jun/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.41	33.69	155	125
Unit 6	0.00	0.00	0	0
Unit 7	3.57	18.64	165	120
Total	6.98	52.33		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.00	8.58	170	160
Unit 4	5.64	137.79	390	0
Unit 5	9.18	107.82	400	370
Total	18.82	254.19		
Parli				
Unit 3	1.85	46.98	164	0
Unit 4	0.00	0.00	0	0
Unit 5	3.46	49.83	154	132
Unit 6	4.61	67.36	200	182
Unit 7	4.67	69.86	198	180
Total	14.59	234.02		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.13	43.86	148	0
Unit 3	3.79	59.14	187	129
Unit 4	3.70	58.16	178	127
Unit 5	9.14	131.00	410	370
Unit 6	0.00	84.60	0	0
Unit 7	8.12	88.88	360	309
Total	27.88	465.64		
Paras				
Unit 3	5.26	70.62	250	200
Unit 4	5.10	73.79	250	181
Total	10.36	144.40		
Khaparkheda				
Unit 1	3.62	46.35	165	135
Unit 2	3.52	49.62	160	120
Unit 3	4.04	56.24	183	159
Unit 4	3.76	53.55	167	147
Unit 5	1.97	107.80	362	0
Total	16.90	313.57		
Nasik				
Unit 3	4.42	65.16	190	180
Unit 4	0.00	55.48	0	0
Unit 5	4.41	63.96	186	178
Total	8.82	184.60		
Uran				
All Units	5.19	79.91	279	142
Total	5.19	79.91		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.08	1.23	46	0
Total	0.08	1.23		
Koyna				
Stage 1-2	1.42	51.01	235	40
Stage 4	0.10	42.20	99	0
Stage 3	0.65	21.12	160	0
Total	2.17	114.34		
Hydro				
KDPH	0.34	3.85	14	14
VTRNA	0.00	8.82	0	0
TILLARI	0.00	1.93	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	2.64	40	0
RNGR+BHTSA	0.21	2.61	9	8
BHANDARDRA	0.00	0.63	0	0
ELDARY	0.00	1.04	0	0
SMLHY_PTN	0.29	2.50	20	9
GHATGHAR	0.35	11.66	125	0
Total	1.32	35.68		
Wind				
Total	24.40	220.00	0	0
Total	24.40	220.00		
CPP				
APML(Mus)	50.87	787.40	0	0
JSWEL(Mus)	14.29	223.65	0	0
VIPL(Mus)	9.68	153.84	0	0
RPLAMT(Mus)	4.68	71.65	0	0
WPCL(Mus)	8.10	97.24	0	0
Other(Mus)	4.51	75.76	0	0
Total	92.12	1409.53		
SOLAR				
Total	0.98	14.30	0	0
Total	0.98	14.30		
Tata				
Trombay 5	7.62	135.46	320	314
Trombay 6	0.00	13.80	0	0
Trombay 7A	1.74	20.96	115	0
Trombay 7B	1.00	16.12	67	0
Trombay 8	4.81	72.56	202	198
TATA Hydro	0.82	46.84	121	0
Total	15.98	305.75		
R-INFRA				
1-2	9.37	163.36	483	380
Total	9.37	163.36		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	104.35	1648.76
MSPGCL Thml+Gas	109.54	1728.66

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	3.49	150.02
MSPGCL Total	113.04	1878.68

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.51	93.21
State Total	255.89	3991.62

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 14/Jun/2015

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	4217	166	202	4585	595	4327	0	4466	4556	-1213	12850	62	12912	2216	15128	49.99
2	4228	71	251	4550	608	4172	0	4381	4268	-1040	12558	44	12602	2049	14651	49.97
3	4197	71	270	4538	550	4050	0	4178	4101	-937	12302	44	12346	1964	14310	49.99
4	4157	76	269	4502	549	3826	0	4138	4138	-877	12138	44	12182	1840	14022	50.01
5	4190	76	270	4536	512	3888	0	4199	4405	-919	12422	44	12466	1818	14284	50.00
6	4267	71	270	4608	502	3700	0	4361	4752	-959	12603	45	12648	1856	14504	49.99
7	4439	73	269	4781	472	3939	4	4337	4464	-884	12776	45	12821	1791	14612	50.04
8	4447	78	272	4797	434	4257	16	4293	3901	-638	12767	45	12812	1715	14527	50.09
9	4450	85	273	4808	584	4216	50	4311	4222	-679	13201	48	13249	1796	15045	50.06
10	4411	83	275	4769	646	3591	81	4405	4757	-834	13010	48	13058	1904	14962	49.98
11	4427	263	274	4964	729	3718	103	4411	4693	-1050	13157	46	13203	2064	15267	50.05
12	4389	238	279	4906	782	3830	138	4389	4295	-1084	12867	44	12911	2099	15010	49.93
13	4335	189	265	4789	1003	3842	153	4387	3931	-1028	12690	44	12734	2083	14817	49.96
14	4275	93	265	4633	1390	3685	144	4277	3645	-965	12532	40	12572	2017	14589	50.03
15	4306	73	155	4534	1649	3390	118	3605	3484	-877	12298	40	12338	1941	14279	50.01
16	4293	78	154	4525	1953	3430	91	3272	3007	-815	12191	40	12231	1900	14131	50.03
17	4340	78	154	4572	1834	3381	54	2874	2854	-829	11866	40	11906	1897	13803	50.05
18	4394	88	154	4636	1626	3406	20	2677	2208	-782	11114	40	11154	1903	13057	50.05
19	4479	334	149	4962	1615	3411	4	1984	2336	-807	11521	40	11561	1959	13520	49.94
20	4551	428	143	5122	1307	3813	0	2981	3048	-919	12371	40	12411	2120	14531	49.85
21	4596	347	142	5085	1227	4084	0	3586	3226	-987	12635	40	12675	2188	14863	49.93
22	4304	233	142	4679	1163	4125	0	3578	3684	-1054	12597	40	12637	2211	14848	49.95
23	4208	128	145	4481	1407	4125	0	3603	3368	-1029	12352	40	12392	2160	14552	50.00
24	4454	73	146	4673	1267	3918	0	3604	3274	-1042	12090	40	12130	2109	14239	49.98
MUs	104.35	3.49	5.19	113.03	24.40	92.12	0.98	92.30	90.62	-22.25	298.91	1.04	299.95	47.60	347.55	50.00

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 14/Jun/2015

Position as on 6.30 Hrs of 15/Jun/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refueling work	
MSPGCL	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high. Continued to AOH w.e.f.01.05.2015	
IPP	Adani U-1	660	01/06/2015	01.48		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 6	500	09/06/2015	23.58		Continued.	COH	
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	
MSPGCL	Chandrapur Unit-8	500	29/03/2015	18.26		Continued.	Withdrawn	
MSPGCL	Koradi Unit-8	660	30/03/2015	20.22		Continued.	BLR Tripped.	
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage	
IPP	RPL(AMT) U-4	270	03/04/2015	11.42		Continued.	Boiler feed Pump problem.	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
IPP	RPL(AMT) U-3	270	05/04/2015	22.01		Continued.	Governor AVR Problem.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
IPP	JSW (J) U1	300	14/05/2015	19.16		Continued.	Turbine Bearing Problem	
IPP	RPL(AMT) U-2	270	01/06/2015	06.53		Continued.	Coal bunkering problem	
TPC-G	Trombay 6	500	05/06/2015	05.59		Continued.	Economic Shutdown.	
MSPGCL	Koyna STG- IV Unit - 1	250	09/06/2015	14.22		Continued.	Excitation major problem.	
MSPGCL	Uran Unit 5	108	11/06/2015	00.11		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	11/06/2015	00.12	14/06/2015	01.35	Gas shortage	
MSPGCL	Khaparkheda Unit 5	500	11/06/2015	14.17	14/06/2015	16.00	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 4	500	13/06/2015	14.50	14/06/2015	05.52	due to jerk of tripping of 400kv deepnagar-a'bad line	
MSPGCL	Nasik Unit 4	210	13/06/2015	22.05		Continued.	Boiler Validity extension work	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 14/Jun/2015

Position as on 6.30 Hrs of 15/Jun/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
TPC-G	Trombay 7A	120	14/06/2015	02.04	14/06/2015	06.43	due to brusting of breaker	
TPC-G	Trombay 7B	60	14/06/2015	02.04	14/06/2015	08.45	due to brusting of breaker	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Coal Shortage	
MSPGCL	Uran Unit B0	120	14/06/2015	14.48		Continued.	Compresor Surge Protection Operated.	
MSPGCL	Uran Unit 8	108	14/06/2015	14.48		Continued.	Compresor Surge Protection Operated.	
MSPGCL	Bhusawal Unit 4	500	14/06/2015	21.14	14/06/2015	22.25	To Take A'bad-Bsl Line in Service.	
MSPGCL	Chandrapur Unit 2	210	14/06/2015	21.35	15/06/2015	03.40	UAT Supply Fail.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 15/Jun/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)- II	InterState	22/05/2015	16.44			Continued.	HT	To Control ICT Loading.
Wardha PG - Aurangabad PG IV	InterState	11/06/2015	11.34			Continued.	HT	Over Voltage
400 KV LINE Outages/Trippings								
Wardha (PG)-Warora II	InterState	20/05/2015	02.39			Continued.	T	Breaker Accumulator Oil Leakage
Dhule Sar'Sarovar II	InterState	13/06/2015	05.09			Continued.	T	DT Received at Dhule
Kolhapur Mapusa II	InterState	13/06/2015	16.26	14/06/2015	09.41		HT	Over Voltage
Lamboti - Solapur (PG)	InterState	14/06/2015	15.26			Continued.	T	Distance Protection
Kolhapur Mapusa II	InterState	14/06/2015	15.52			Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	15/06/2015	00.11	15/06/2015	07.07		HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	07/04/2015	00.27			Continued.	T	"R" Phase Metering CT Burst.
Akola II - Taptitanda	IntraState	20/05/2015	08.59			Continued.	HT	Ckt I and Ckt 2 new charged to control BBLSR ICT loading.
New Koyna - Dabhol-I	IntraState	08/06/2015	10.05			Continued.	PO	Outage (RFC 16.07Hrs)
Bhusawal-Aurangabad	IntraState	11/06/2015	17.26	15/06/2015	07.15		HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	12/06/2015	16.20			Continued.	HT	Over Voltage
Bus Coupler @ Kharghar	IntraState	13/06/2015	09.46	14/06/2015	19.54		PO	erection of pg isolator for a bus
karad -kolhapur-I	IntraState	13/06/2015	13.33			Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	13/06/2015	16.04			Continued.	HT	Over Voltage
Padghe - Talegaon (PG)	IntraState	14/06/2015	13.30	14/06/2015	14.09		PO	A/R Auto to Non Auto for OPGW.
Lonikand I - Koyna stage-IV	IntraState	14/06/2015	17.26	15/06/2015	07.08		HT	Over Voltage
Padghe - Nagothane - I	IntraState	15/06/2015	02.37			Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings								
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	11/06/2015	12.57			Continued.	PO	R Phase Jumper Reconnection
400/220 Kv 600 MVA ICT-IV @Padghe	IntraState	14/06/2015	09.26	14/06/2015	12.56		PO	P.M.Work.
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	14/06/2015	15.36	14/06/2015	16.58		PO	Premonsoon Work.
400/220/33 Kv 500 Mva Ict 3 @Girwali	IntraState	14/06/2015	16.24	15/06/2015	06.05		T	Due to LV Side PRV Operated.
220 KV LINE Outages/Trippings								
Sahara-Urse	IntraState	03/03/2015	11.06			Continued.	PO	Tower erection work (90Days)
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.
Padghe - Jambhul 2	IntraState	09/06/2015	11.13			Continued.	PO	Shifted on TBC,Bus isolator maint.
Chandrapur GCR - Cpur Rly Tss 2	IntraState	12/06/2015	10.38			Continued.	PO	Isolator Maint.work
Jamde-Dondaicha 1	IntraState	12/06/2015	16.00			Continued.	T	R Phase Conductor Snapped
Nanded - Parli Ext. Ckt I	IntraState	12/06/2015	16.46			Continued.	T	Distance Protection
Kharghar Trombay	IntraState	13/06/2015	23.32	14/06/2015	00.08		T	Distance Protection
Trombay Dharavi 6	IntraState	14/06/2015	02.04	14/06/2015	02.17		T	bus bar operated at trombay end
Trombay Salsette 1 Backbay	IntraState	14/06/2015	02.04	14/06/2015	09.33		T	bus bar operated at trombay end
Trombay Dharavi 5	IntraState	14/06/2015	02.04	14/06/2015	09.34		T	bus bar operated at trombay end
Trombay Carnac 6	IntraState	14/06/2015	02.04	14/06/2015	03.39		T	bus bar operated at trombay end
Bableshtar- Alephata	IntraState	14/06/2015	08.20	14/06/2015	15.56		HT	To Control BBLR ICT Loading.

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 14/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 15/Jun/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Padgha - Temghar I	IntraState	14/06/2015	09.17	14/06/2015	13.00	HT	Padgha ICT-4 Outage.
Padgha-Temghar-II	IntraState	14/06/2015	09.18	14/06/2015	13.00	HT	Padgha ICT-4 Outage.
Kharghar Trombay	IntraState	14/06/2015	12.43	14/06/2015	13.01	PO	Bird Nest Eemoval from loc.699
Sonkhar - Trombay	IntraState	14/06/2015	13.02	14/06/2015	13.05	PO	Bird Nest Eemoval from loc.699
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132 Kv 200 Mva Vijai Ict 1 @Eklahre (Gcr)	IntraState	13/06/2015	09.36		Continued.	PO	p.m.work
132 KV LINE Outages/Trippings							
Dondaicha- Shahada	IntraState	07/06/2015	21.08		Continued.	T	L A Brust @ Shahada.
Nandurbar - Visarwadi	IntraState	13/06/2015	03.10		Continued.	T	Distance Protection

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