

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Jun/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.748	133.748	1) Gujrat	-0.798	-0.798
2) Hydro	7.873	7.873	2) Madhya Pradesh	13.257	13.257
3) Gas	6.657	6.657	3) Chattisgarh	0.190	0.190
Total MSPGCL	148.278	148.278	4) Maharashtra Net	105.652	105.652
B) 1) APLM	57.920	57.920	5) Goa	-7.267	-7.267
2) JSWEL	17.942	17.942	6) TAPS 1&2 Injection	2.930	2.930
3) VIPL	11.680	11.680	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.700	5.700	8) Pench (MS)	0.015	0.015
5) WPCL	4.532	4.532	9) Pench (Excess)	-0.015	-0.015
6) Other IPP	5.557	5.557	Total	113.949	113.949
C) 1) TPCL Thermal	13.543	13.543	a) Mumbai Schedule	29.582	29.582
2) TPCL Hydro	5.307	5.307	b) Mumbai Drawl	33.424	33.424
3) TPCL Gas	3.038	3.038	c) MSEDCL Bilateral *	26.865	26.865
4) R-INFRA Thermal	12.058	12.058	Include PX	0.097	0.097
D) STATE			d) Mumbai Bilateral *	29.582	29.582
1) Thermal	262.680	262.680	Include PX	1.048	1.048
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	13.180	13.180	H) ENERGY CATERED (MUs)		
3) Gas	9.695	9.695	1) MSEDCL	355.382	355.397
4) Wind	22.006	22.006	2) Mumbai Discoms	67.367	67.367
6) SOLAR	1.242	1.242	TOTAL STATE	422.749	422.764
TOTAL STATE	308.803	308.803			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5812	5802	5323	5420
MSPGCL Hydro	692	1157	230	98
MSPGCL Gas	274	277	280	278
MSPGCL Total Generation	6778	7236	5833	5796
Central Sector Receipt	4935	5092	5248	3926
WIND	784	672	1060	1033
CPP / IPP	4526	4532	4181	4106
SOLAR	133	164	0	0
Exchange with Mumbai	-1510	-1537	-1309	-1233
MSEDCL DEMAND MET	15646	16159	15013	13628
Load Shedding	46	45	45	46
MSEDCL DEMAND	15692	16204	15058	13674
TPCL GENERATION	1294	1292	1080	554
R-INFRA GENERATION	513	514	517	380
MUMBAI DEMAND	3317	3343	2906	2167
STATE DEMAND MET	18963	19502	17919	15795
STATE DEMAND	19009	19547	17964	15841
Frequency (Hz)	50.01	49.98	49.97	50.09

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.34 Hz at 03.00 Hrs	49.73 Hz at 22.36 Hrs	50.01	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 01/Jun/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.30	3.30	150	125
Unit 6	0.00	0.00	0	0
Unit 7	3.59	3.59	175	125
Total	6.89	6.89		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.24	10.24	500	365
Unit 5	10.18	10.18	500	370
Total	20.42	20.42		
Parli				
Unit 3	3.61	3.61	152	146
Unit 4	0.00	0.00	0	0
Unit 5	3.57	3.57	155	146
Unit 6	5.69	5.69	250	190
Unit 7	5.49	5.49	250	198
Total	18.36	18.36		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.30	0.30	88	0
Unit 3	4.42	4.42	204	163
Unit 4	4.17	4.17	187	162
Unit 5	9.67	9.67	435	370
Unit 6	9.36	9.36	415	367
Unit 7	8.87	8.87	394	345
Total	36.79	36.79		
Paras				
Unit 3	5.04	5.04	237	194
Unit 4	4.90	4.90	222	190
Total	9.94	9.94		
Khaparkheda				
Unit 1	4.16	4.16	185	150
Unit 2	4.02	4.02	185	150
Unit 3	4.51	4.51	210	165
Unit 4	3.98	3.98	173	154
Unit 5	10.93	10.93	500	410
Total	27.60	27.60		
Nasik				
Unit 3	4.65	4.65	205	185
Unit 4	4.58	4.58	203	180
Unit 5	4.52	4.52	198	181
Total	13.76	13.76		
Uran				
All Units	6.66	6.66	280	272
Total	6.66	6.66		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.02	0.02	15	0
Total	0.02	0.02		
Koyna				
Stage 1-2	2.34	2.34	420	40
Stage 4	2.16	2.16	535	0
Stage 3	0.81	0.81	160	0
Total	5.32	5.32		
Hydro				
KDPH	0.35	0.35	15	14
VTRNA	0.81	0.81	61	0
TILLARI	0.37	0.37	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	0.20	80	0
RNGR+BHTSA	0.23	0.23	10	9
BHANDARDRA	0.22	0.22	31	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.16	0.16	13	4
GHATGHAR	0.22	0.22	125	0
Total	2.55	2.55		
Wind				
Total	22.01	22.01	0	0
Total	22.01	22.01		
CPP				
APML(Mus)	57.92	57.92	0	0
JSWEL(Mus)	17.94	17.94	0	0
VIPL(Mus)	11.68	11.68	0	0
RPLAMT(Mus)	5.70	5.70	0	0
WPCL(Mus)	4.53	4.53	0	0
Other(Mus)	5.56	5.56	0	0
Total	103.33	103.33		
SOLAR				
Total	1.24	1.24	0	0
Total	1.24	1.24		
Tata				
Trombay 5	5.84	5.84	248	238
Trombay 6	2.02	2.02	153	0
Trombay 7A	1.77	1.77	114	59
Trombay 7B	1.26	1.26	67	47
Trombay 8	5.68	5.68	248	200
TATA Hydro	5.31	5.31	471	0
Total	21.89	21.89		
R-INFRA				
1-2	12.06	12.06	518	380
Total	12.06	12.06		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	133.75	133.75
MSPGCL Thml+Gas	140.40	140.40

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.87	7.87
MSPGCL Total	148.28	148.28

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.51	4.51
State Total	308.80	308.80

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Jun/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	5844	292	279	6415	823	4291	0	4755	4559	-1569	14519	83	14602	2701	17303	50.09
2	5757	67	279	6103	1075	4446	0	4586	4501	-1399	14726	42	14768	2505	17273	50.06
3	5569	72	280	5921	1184	4310	0	4284	4320	-1291	14444	42	14486	2357	16843	50.12
4	5559	95	279	5933	1171	4083	0	4324	3754	-1200	13741	42	13783	2240	16023	50.21
5	5420	98	278	5796	1033	4106	0	4335	3926	-1233	13628	46	13674	2167	15841	50.09
6	5356	98	278	5732	919	4064	0	4370	4206	-1219	13702	46	13748	2151	15899	50.01
7	5351	103	278	5732	796	4129	2	4657	4573	-1048	14184	46	14230	2120	16350	50.01
8	5383	91	279	5753	796	4322	67	4734	4953	-1094	14797	46	14843	2208	17051	50.00
9	5419	139	277	5835	863	4330	134	5015	4544	-1319	14387	46	14433	2522	16955	50.03
10	5421	312	275	6008	752	4346	88	5267	5483	-1446	15231	46	15277	2917	18194	49.97
11	5783	706	273	6762	731	4458	114	5255	5086	-1530	15621	46	15667	3217	18884	50.03
12	5812	692	274	6778	784	4526	133	5398	4935	-1510	15646	46	15692	3317	19009	50.01
13	5840	460	272	6572	664	4389	141	5404	5284	-1543	15507	47	15554	3342	18896	49.98
14	5840	432	274	6546	644	4439	137	5221	5251	-1543	15474	47	15521	3287	18808	49.97
15	5858	550	275	6683	588	4454	106	5208	5364	-1577	15618	45	15663	3341	19004	49.94
16	5802	1157	277	7236	672	4532	164	5190	5092	-1537	16159	45	16204	3343	19547	49.98
17	5805	1104	276	7185	767	4474	128	4765	4777	-1546	15785	45	15830	3322	19152	49.99
18	5605	319	277	6201	830	4222	24	4634	5101	-1548	14830	45	14875	3172	18047	50.05
19	5354	235	279	5868	954	4150	4	4482	4041	-1414	13603	45	13648	2944	16592	50.04
20	5323	230	280	5833	1060	4181	0	4634	5248	-1309	15013	45	15058	2906	17964	49.97
21	5372	258	280	5910	1128	4162	0	4704	5084	-1301	14983	45	15028	2865	17893	50.03
22	5405	178	280	5863	1230	4266	0	4711	4040	-1289	14110	45	14155	2782	16937	49.92
23	5444	80	279	5803	1319	4258	0	4710	4492	-1422	14450	45	14495	2779	17274	49.88
24	5426	105	279	5810	1223	4393	0	4683	5333	-1537	15222	45	15267	2865	18132	49.94
MUs	133.75	7.87	6.66	148.28	22.01	103.33	1.24	115.33	113.95	-33.42	355.38	1.12	356.50	67.37	423.87	50.01

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 01/Jun/2015

Position as on 6.30 Hrs of 02/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.	Refuelling work	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Renovation and Modification 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	
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	Dhariwal	300	28/05/2014	02.27		Continued.	PA Fan Vibration Problem	
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	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.	
TPC-G	Trombay 6	500	06/04/2015	16.27		Continued.	Economic shut down.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Bhusawal Unit 3	210	20/04/2015	00.00		Continued.	no buyer as per msdcl requirment	
IPP	JSW (J) U1	300	14/05/2015	19.16		Continued.	Turbine Bearing Problem	
MSPGCL	Chandrapur Unit 2	210	29/05/2015	23.12	01/06/2015	19.20	Boiler Tube Leakage	
IPP	WPCL U-2	135	31/05/2015	00.01		Continued.	ID Fan Problem	
CPP	WPCL U-1	135	01/06/2015	00.00		Continued.	ESP bag filter puring header heavy Leakage.	
IPP	RPL(AMT) U-2	270	01/06/2015	06.53		Continued.	Coal bunkering problem	
CENT.SECTOR	Tarapur 2	160	01/06/2015	22.42		Continued.	Primary system Leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 02/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 III	InterState	03/05/2015	07.24		Continued.	HT	To Control ICT Loading.
Wardha(PG)-Aurangabad(PG)- II	InterState	22/05/2015	16.44		Continued.	HT	To Control ICT Loading.
400 KV LINE Outages/Trippings							
Wardha (PG)-Warora II	InterState	20/05/2015	02.39		Continued.	T	Breaker Accumulator Oil Leakage
Kolhapur Mapusa I	InterState	31/05/2015	16.10	01/06/2015	07.44	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	31/05/2015	18.46	01/06/2015	07.41	HT	Over Voltage
Koradi Bhilai	InterState	31/05/2015	19.09	01/06/2015	23.09	T	Distance Protection
Chandrapur Bhadravati Iii	InterState	01/06/2015	10.22	01/06/2015	16.46	PO	Disc Replacement.
Chandrapur Bhadravati Iv	InterState	01/06/2015	10.42	01/06/2015	16.46	PO	A/R Out.
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	31/05/2015	03.39		Continued.	T	Distance Protection
karad -kolhapur-II	IntraState	31/05/2015	16.27	01/06/2015	08.48	HT	Over Voltage
Padghe - Talegaon (PG)	IntraState	01/06/2015	12.22	01/06/2015	17.55	PO	A/R Out & OPGW Work.
Bhusawal-Aurangabad	IntraState	01/06/2015	21.33		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 Mva ICT I @Karad	IntraState	01/06/2015	09.05	01/06/2015	12.21	PO	Attending Hot Spot
400/220/33 Kv, 167 Mva, Spare Ict @Khaparkheda	IntraState	01/06/2015	09.10	01/06/2015	13.11	PO	Diagnostic Testing.
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	01/06/2015	15.16	01/06/2015	18.13	PO	Relay Replacement work
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.
Temghar - Kalwa	IntraState	29/05/2015	12.18		Continued.	PO	Taken on TBC,Hot Spot on Y Ph Bus Isolator.(upto Two Days)
Boisar II - PGCIL II	IntraState	31/05/2015	05.38		Continued.	PO	Removing Jumper @ IOC No.-17 Conceting to New Gantry @ PGCIL End.
Loteparshuram- Dasturi Line	IntraState	01/06/2015	09.40	01/06/2015	18.00	PO	Bus Outage at Lote.
Bus @ Lote	IntraState	01/06/2015	09.40	01/06/2015	18.00	PO	Overhauling of Bus Outage.
New Koyna - Loteparshuram	IntraState	01/06/2015	09.43	01/06/2015	18.13	PO	Bus Outage at Lote
Apta - Hoc	IntraState	01/06/2015	10.58	01/06/2015	14.36	PO	Main Breaker Problem at Hocl.
Kalyani - Baramati Agro	IntraState	01/06/2015	14.02	01/06/2015	16.10	PO	String Replacement.
Halkarni-Mahalaxmiline	IntraState	01/06/2015	15.43	01/06/2015	16.52	PO	E/O For Tree Cutting.
Jejuri (400 Kv)- Baramati li	IntraState	01/06/2015	17.40	01/06/2015	19.30	PO	Insulator Replacement Work
Kalwa - Mulund 1	IntraState	02/06/2015	05.11		Continued.	PO	Y Phase Stub Bus Hot Spot Kalwa End.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
132 KV LINE Outages/Trippings							
Paras-Warwat Bakal	IntraState	24/05/2015	16.03		Continued.	HT	To Control 132kv Paras-For Akola ICT-II Loading.

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