

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Jun/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.565	862.952	1) Gujrat	2.003	-5.506
2) Hydro	6.553	101.110	2) Madhya Pradesh	13.754	107.598
3) Gas	6.548	46.409	3) Chattisgarh	0.000	28.860
Total MSPGCL	132.666	1010.471	4) Maharashtra Net	97.068	725.568
B) 1) APML	54.440	399.810	5) Goa	-5.446	-49.153
2) JSWEL	14.201	111.573	6) TAPS 1&2 Injection	2.499	6.273
3) VIPL	9.852	82.361	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	4.540	38.090	8) Pench (MS)	0.000	0.567
5) WPCL	7.792	37.904	9) Pench (Excess)	0.000	-0.355
6) Other IPP	5.438	37.846	Total	109.878	813.285
C) 1) TPCL Thermal	16.633	116.302	a) Mumbai Schedule	20.449	198.026
2) TPCL Hydro	0.369	26.726	b) Mumbai Drawl	24.285	211.218
3) TPCL Gas	2.577	18.880	c) MSEDCL Bilateral *	35.334	210.077
4) R-INFRA Thermal	11.788	85.277	Include PX	1.789	4.258
D) STATE			d) Mumbai Bilateral *	20.449	198.026
1) Thermal	244.249	1772.115	Include PX	1.783	13.895
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	6.922	127.836	H) ENERGY CATERED (MUs)		
3) Gas	9.125	65.289	1) MSEDCL	329.081	2435.780
4) Wind	13.467	107.746	2) Mumbai Discoms	55.651	458.395
6) SOLAR	1.092	7.557	TOTAL STATE	384.732	2894.175
TOTAL STATE	274.855	2080.543			

* 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 21 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	5366	5464	4665	4640
MSPGCL Hydro	699	172	525	594
MSPGCL Gas	286	287	245	245
MSPGCL Total Generation	6351	5923	5435	5479
Central Sector Receipt	5201	5087	3793	4088
WIND	273	150	627	464
CPP / IPP	4281	4374	3594	3629
SOLAR	151	151	0	0
Exchange with Mumbai	-963	-1055	-1117	-1243
MSEDCL DEMAND MET	15294	14630	12332	12417
Load Shedding	46	46	40	40
MSEDCL DEMAND	15340	14676	12372	12457
TPCL GENERATION	838	825	816	787
R-INFRA GENERATION	509	511	467	473
MUMBAI DEMAND	2310	2391	2400	2503
STATE DEMAND MET	17604	17021	14732	14920
STATE DEMAND	17650	17067	14772	14960
Frequency (Hz)	50.01	49.99	49.94	49.89

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 17:05 Hrs	49.77 Hz at 22:08 Hrs	49.98	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 07/Jun/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	11.60	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	5.06	0	0
Total	0.00	16.65		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.50	76.68	500	380
Unit 5	10.42	38.74	500	375
Total	20.92	115.42		
Parli				
Unit 3	3.32	25.21	158	115
Unit 4	0.00	0.00	0	0
Unit 5	3.55	24.97	152	140
Unit 6	4.81	34.88	240	180
Unit 7	4.85	36.91	241	187
Total	16.52	121.98		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.53	20.89	150	132
Unit 3	4.31	29.99	204	166
Unit 4	4.11	29.80	183	160
Unit 5	9.35	64.91	429	365
Unit 6	9.18	66.39	415	350
Unit 7	4.00	54.12	300	0
Total	34.49	266.10		
Paras				
Unit 3	5.25	37.68	247	195
Unit 4	5.04	37.99	230	185
Total	10.29	75.67		
Khaparkheda				
Unit 1	2.24	19.68	165	0
Unit 2	3.48	24.49	165	125
Unit 3	4.07	27.55	179	160
Unit 4	3.92	26.37	170	155
Unit 5	9.61	70.79	435	370
Total	23.30	168.89		
Nasik				
Unit 3	4.78	33.30	210	180
Unit 4	4.63	32.41	200	180
Unit 5	4.62	32.53	199	180
Total	14.03	98.24		
Uran				
All Units	6.55	46.41	287	243
Total	6.55	46.41		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.00	0.57	0	0
Total	0.00	0.57		
Koyna				
Stage 1-2	2.89	31.31	385	40
Stage 4	0.96	34.57	269	0
Stage 3	1.06	14.79	160	0
Total	4.91	80.67		
Hydro				
KDPH	0.00	1.57	0	0
VTRNA	0.85	5.84	61	0
TILLARI	0.25	1.93	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	1.60	80	0
RNGR+BHTSA	0.00	1.11	0	0
BHANDARDRA	0.00	0.63	0	0
ELDARY	0.22	0.65	9	9
SMLHY_PTN	0.13	1.39	12	3
GHATGHAR	0.00	5.72	0	0
Total	1.64	20.44		
Wind				
Total	13.47	107.75	0	0
Total	13.47	107.75		
CPP				
APML(Mus)	54.44	399.81	0	0
JSWEL(Mus)	14.20	111.57	0	0
VIPL(Mus)	9.85	82.36	0	0
RPLAMT(Mus)	4.54	38.09	0	0
WPCL(Mus)	7.79	37.90	0	0
Other(Mus)	5.44	37.85	0	0
Total	96.26	707.58		
SOLAR				
Total	1.09	7.56	0	0
Total	1.09	7.56		
Tata				
Trombay 5	10.74	68.51	491	321
Trombay 6	0.00	13.80	0	0
Trombay 7A	1.43	10.63	60	59
Trombay 7B	1.14	8.25	49	47
Trombay 8	5.89	33.99	250	200
TATA Hydro	0.37	26.73	114	0
Total	19.58	161.91		
R-INFRA				
1-2	11.79	85.28	512	382
Total	11.79	85.28		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	119.56	862.95
MSPGCL Thml+Gas	126.11	909.36

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	6.55	101.11
MSPGCL Total	132.67	1010.47

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.85	65.88
State Total	274.86	2080.54

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	5211	626	281	6118	421	4167	0	4978	5349	-1382	14673	59	14732	2720	17452	49.86
2	5196	403	281	5880	405	4099	0	4861	5177	-1142	14419	43	14462	2490	16952	49.96
3	5186	282	281	5749	409	4121	0	4789	4998	-995	14282	43	14325	2344	16669	49.96
4	5098	62	281	5441	552	4153	0	4586	4812	-885	14073	43	14116	2222	16338	49.98
5	4905	57	281	5243	739	4198	0	4527	4810	-843	14147	43	14190	2173	16363	49.97
6	4946	52	284	5282	643	4131	0	4669	4836	-806	14086	46	14132	2166	16298	49.97
7	5004	52	283	5339	823	4077	3	4713	5001	-710	14533	47	14580	2067	16647	50.01
8	4962	57	280	5299	557	4089	33	4720	4971	-674	14275	47	14322	2030	16352	50.02
9	5053	128	286	5467	410	4048	75	4743	4851	-724	14127	50	14177	2077	16254	50.07
10	5059	268	280	5607	433	4121	110	4978	5179	-781	14669	50	14719	2136	16855	50.02
11	5043	467	286	5796	404	4075	132	5001	5378	-878	14907	48	14955	2232	17187	49.96
12	5366	699	286	6351	273	4281	151	4941	5201	-963	15294	46	15340	2310	17650	50.01
13	5464	172	287	5923	150	4374	151	4918	5087	-1055	14630	46	14676	2391	17067	49.99
14	5438	179	284	5901	179	4358	128	4874	4814	-1028	14352	40	14392	2363	16755	49.97
15	5107	232	278	5617	358	4310	136	4929	4810	-1104	14127	37	14164	2444	16608	49.95
16	4807	177	276	5260	459	4202	98	5174	5032	-1050	14001	37	14038	2400	16438	49.99
17	4696	144	268	5108	738	4081	49	4735	4147	-1031	13092	37	13129	2346	15475	50.07
18	4694	118	264	5076	1396	3569	22	4087	3357	-1111	12309	37	12346	2244	14590	50.10
19	4691	187	262	5140	1131	3455	4	3154	3054	-1231	11553	40	11593	2245	13838	50.05
20	4674	384	262	5320	1043	3506	0	3402	3390	-1161	12098	40	12138	2379	14517	49.98
21	4665	525	245	5435	627	3594	0	3486	3793	-1117	12332	40	12372	2400	14772	49.94
22	4659	381	244	5284	601	3780	0	3634	3670	-1197	12138	40	12178	2437	14615	49.95
23	4640	594	245	5479	464	3629	0	3802	4088	-1243	12417	40	12457	2503	14960	49.89
24	5001	307	243	5551	252	3845	0	4089	4073	-1174	12547	40	12587	2533	15120	49.95
MUs	119.56	6.55	6.55	132.67	13.47	96.26	1.09	107.79	109.88	-24.29	329.08	1.04	330.12	55.65	385.77	49.98

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 07/Jun/2015

Position as on 6.30 Hrs of 08/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	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								
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	
MSPGCL	Bhusawal Unit 3	210	20/04/2015	00.00		Continued.	no buyer as per msdcl regirment	
IPP	JSW (J) U1	300	14/05/2015	19.16		Continued.	Turbine Bearing Problem	
IPP	WPCL U-2	135	31/05/2015	00.01		Continued.	ID Fan Problem	
IPP	RPL(AMT) U-2	270	01/06/2015	06.53		Continued.	Coal bunkering problem	
MSPGCL	Koradi Unit 7	210	02/06/2015	11.05		Continued.	Leakage at Chimany base.	
MSPGCL	Koradi Unit 5	200	04/06/2015	10.30		Continued.	I D Fan Vaibration High.	
TPC-G	Trombay 6	500	05/06/2015	05.59		Continued.	Economic Shutdown.	
MSPGCL	Khaparkheda Unit 1	210	06/06/2015	01.03	07/06/2015	08.27	Air heater problem	
MSPGCL	Chandrapur Unit 7	500	07/06/2015	13.59		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	07/06/2015	22.12	08/06/2015	04.12	Bus Bar Operated.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 08/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
Koradi Bhilai	InterState	06/06/2015	08.49		Continued.	PO	Annual Maintenance Work
Kolhapur Mapusa II	InterState	06/06/2015	16.39		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	06/06/2015	21.31	07/06/2015	07.04	HT	Over Voltage
Dabhol Nagothane I	InterState	07/06/2015	13.08		Continued.	T	Distance Protection R Ph Earth.
Dabhol Nagothane II	InterState	07/06/2015	13.20	07/06/2015	14.14	T	Distance Protection Y Ph Earth.
Kolhapur Solapur (PG) II	InterState	07/06/2015	16.54	08/06/2015	06.34	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	07/06/2015	17.14		Continued.	HT	Over Voltage
Dabhol Nagothane II	InterState	08/06/2015	04.01		Continued.	T	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.
Babhaleshwar-Taptitanda ckt-II	IntraState	06/06/2015	01.21		Continued.	HT	To control line loading
karad -kolhapur-I	IntraState	06/06/2015	17.39	07/06/2015	08.51	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	07/06/2015	04.39		Continued.	HT	To control line loading
Dhule- Bableshwar - I	IntraState	07/06/2015	06.55	07/06/2015	19.06	PO	AR Out for OPGW Work.
Dhule - Bableshwar - li	IntraState	07/06/2015	06.55	07/06/2015	19.06	PO	AR Out for OPGW Work.
Babhaleshwar - Padghe-I	IntraState	07/06/2015	07.31		Continued.	PO	Stringing of Insulator String.
Padghe - Talegaon (PG)	IntraState	07/06/2015	09.00	07/06/2015	14.20	PO	AR Out for OPGW Work.
karad -kolhapur-I	IntraState	07/06/2015	16.01		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	07/06/2015	16.34		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	07/06/2015	17.21		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/06/2015	17.42		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt-II	IntraState	07/06/2015	22.12	08/06/2015	06.16	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	06/06/2015	21.38	07/06/2015	01.25	T	NDR Operated
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	07/06/2015	11.12	07/06/2015	16.21	PO	P.M.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.
Chikhli-Jalna-II	IntraState	03/06/2015	18.30		Continued.	HT	O/L of Akola ICT.
Chikhli-Jalna-I	IntraState	03/06/2015	18.30		Continued.	HT	O/L of Akola ICT.
Parvati - Hybrid Pass	IntraState	05/06/2015	12.13		Continued.	T	TO control chinchawad urse loading
Oni Kharepatan Line	IntraState	06/06/2015	19.55	07/06/2015	02.25	T	Line under B.D.
Kharghar Trombay	IntraState	07/06/2015	05.18	07/06/2015	23.07	PO	Destringing of Existing Kharghar-Trombay Connection,Stringing of Top Ckt.& Bottom Ckt for

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 07/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 08/Jun/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Pressing Sleeve for Attending Hot Spot.
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	07/06/2015	08.14	07/06/2015	16.51	PO	AR Out for OPGW Work.
Aarey Saki Line 1	IntraState	07/06/2015	09.08	07/06/2015	13.58	PO	Annual Maintenance Work.
Nanded - Parli Ext. Ckt II	IntraState	07/06/2015	14.24	07/06/2015	14.45	T	Distance Protection Operated Zone-I Y-E Phase.
Pedhambe - Oni	IntraState	07/06/2015	16.10		Continued.	T	Distance Protection
Lamboti-Vita	IntraState	07/06/2015	17.15	07/06/2015	18.05	T	Distance Protection
Lamboti - Pandharpur li	IntraState	07/06/2015	17.29	07/06/2015	18.05	T	Distance Protection
Sonkhar - Trombay	IntraState	08/06/2015	06.10		Continued.	PO	Crosam Painting.
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							
Nanded - Kandhar	IntraState	07/06/2015	14.32	07/06/2015	15.00	T	Distance Protection Operated Zone-I.
Bhoom - Kharda	IntraState	07/06/2015	17.03	07/06/2015	17.35	T	Distance Protection Operated.
Dondaicha- Shahada	IntraState	07/06/2015	21.08		Continued.	T	L A Brust @ Shahada.
100 KV LINE Outages/Trippings							
Pal - Kalwa	IntraState	06/06/2015	06.52		Continued.	PO	replacement of dp structure

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