

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Jul/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	105.806	604.008	1) Gujrat	3.305	25.770
2) Hydro	4.533	42.329	2) Madhya Pradesh	16.219	80.836
3) Gas	6.491	38.875	3) Chattisgarh	5.500	33.510
Total MSPGCL	116.830	685.212	4) Maharashtra Net	96.759	554.772
B) 1) APML	43.790	311.960	5) Goa	-6.451	-40.287
2) JSWEL	18.397	108.574	6) TAPS 1&2 Injection	2.919	17.288
3) VIPL	10.739	70.184	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	11.492	91.292	8) Pench (MS)	0.252	1.097
5) WPCL	2.296	19.890	9) Pench (Excess)	-0.252	-0.969
6) Other IPP	4.190	24.966	Total	117.999	670.920
C) 1) TPCL Thermal	15.586	94.151	a) Mumbai Schedule	26.214	156.454
2) TPCL Hydro	3.741	21.392	b) Mumbai Drawl	29.186	163.954
3) TPCL Gas	3.564	17.743	c) MSEDCL Bilateral *	33.116	181.120
4) R-INFRA Thermal	11.829	72.759	Include PX	6.315	27.303
D) STATE			d) Mumbai Bilateral *	26.214	156.454
1) Thermal	224.125	1397.784	Include PX	2.970	15.614
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	8.274	63.721	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	10.055	56.618	1) MSEDCL	344.727	2047.788
4) Wind	47.024	220.502	2) Mumbai Discoms	63.907	369.998
6) SOLAR	1.156	7.273	TOTAL STATE	408.634	2417.786
TOTAL STATE	290.634	1745.898			

* 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 15 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4541	4334	4047	4454
MSPGCL Hydro	121	183	691	68
MSPGCL Gas	277	265	266	271
MSPGCL Total Generation	4939	4782	5004	4793
Central Sector Receipt	5506	5427	4967	4365
WIND	2161	2315	1854	1929
CPP / IPP	3992	3712	3509	3542
SOLAR	144	128	0	0
Exchange with Mumbai	-1460	-1325	-1216	-919
MSEDCL DEMAND MET	15282	15039	14118	13710
Load Shedding	39	29	29	39
MSEDCL DEMAND	15321	15068	14147	13749
TPCL GENERATION	1221	1325	1045	646
R-INFRA GENERATION	516	518	518	393
MUMBAI DEMAND	3197	3168	2779	1958
STATE DEMAND MET	18479	18207	16897	15668
STATE DEMAND	18518	18236	16926	15707
Frequency (Hz)	49.95	49.90	49.94	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 06:01 Hrs	49.75 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 06/Jul/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.27	7.65	148	116
Unit 6	0.00	0.00	0	0
Unit 7	3.85	9.94	170	150
Total	7.12	17.59		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.09	24.46	175	165
Unit 4	10.07	55.98	500	370
Unit 5	9.74	34.44	500	360
Total	23.90	114.88		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.18	0	0
Unit 5	2.04	19.87	160	0
Unit 6	0.00	0.00	0	0
Unit 7	5.46	29.98	245	191
Total	7.51	50.03		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.45	20.66	149	132
Unit 3	4.16	25.26	196	156
Unit 4	3.99	24.72	184	159
Unit 5	9.04	54.94	410	275
Unit 6	0.00	0.00	0	0
Unit 7	8.88	50.73	395	347
Total	29.52	176.30		
Paras				
Unit 3	4.41	30.94	198	160
Unit 4	4.59	30.57	225	161
Total	9.00	61.51		
Khaparkheda				
Unit 1	3.64	22.40	165	125
Unit 2	3.70	22.39	170	110
Unit 3	3.62	22.57	160	131
Unit 4	0.00	0.00	0	0
Unit 5	10.46	62.82	495	370
Total	21.41	130.18		
Nasik				
Unit 3	4.62	28.02	205	180
Unit 4	2.74	25.51	200	0
Unit 5	0.00	0.00	0	0
Total	7.35	53.52		
Uran				
All Units	6.49	38.88	277	265
Total	6.49	38.88		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.25	1.10	43	0
Total	0.25	1.10		
Koyna				
Stage 1-2	2.18	19.92	380	40
Stage 4	0.52	9.71	200	0
Stage 3	0.70	6.96	160	0
Total	3.40	36.58		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.09	0.09	4	3
BHIRA T.R.	0.06	1.47	44	0
RNGR+BHTSA	0.00	0.57	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.51	0.85	28	18
GHATGHAR	0.47	2.77	125	0
Total	1.13	5.74		
Wind				
Total	47.02	220.50	0	0
Total	47.02	220.50		
CPP				
APML(Mus)	43.79	311.96	0	0
JSWEL(Mus)	18.40	108.57	0	0
VIPL(Mus)	10.74	70.18	0	0
RPLAMT(Mus)	11.49	91.29	0	0
WPCL(Mus)	2.30	19.89	0	0
Other(Mus)	4.19	24.97	0	0
Total	90.90	626.87		
SOLAR				
Total	1.16	7.27	0	0
Total	1.16	7.27		
Tata				
Trombay 5	9.99	60.79	495	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.16	10.33	115	59
Trombay 7B	1.40	7.42	67	47
Trombay 8	5.60	33.36	251	201
TATA Hydro	3.74	21.39	461	0
Total	22.89	133.29		
R-INFRA				
1-2	11.83	72.76	518	393
Total	11.83	72.76		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	105.81	604.01
MSPGCL Thml+Gas	112.30	642.88

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	4.53	42.33
MSPGCL Total	116.83	685.21

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.70	29.62
State Total	290.63	1745.90

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/Jul/2015

Annexure-2

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	4537	158	270	4965	1785	3809	0	4332	4399	-976	13982	49	14031	2359	16390	49.97
2	4640	68	270	4978	1801	3740	0	4335	4278	-803	13994	39	14033	2175	16208	49.99
3	4555	63	271	4889	1783	3710	0	4240	4121	-845	13658	39	13697	2031	15728	49.98
4	4454	68	271	4793	1929	3542	0	4082	4365	-919	13710	39	13749	1958	15707	50.04
5	4400	68	271	4739	1844	3562	0	4082	4552	-910	13787	39	13826	1947	15773	50.04
6	4440	233	272	4945	1957	3739	0	4169	4452	-992	14101	40	14141	2014	16155	50.11
7	4650	210	272	5132	1927	3843	2	4617	5123	-975	15052	40	15092	2093	17185	50.06
8	4865	203	272	5340	2057	3860	38	5028	5288	-1057	15526	40	15566	2244	17810	50.04
9	4933	193	275	5401	2237	3981	75	5162	5049	-1224	15519	43	15562	2552	18114	50.00
10	4920	111	276	5307	2272	3974	100	5340	4999	-1450	15202	43	15245	2960	18205	50.01
11	4654	92	275	5021	1958	3912	163	5550	5466	-1455	15065	41	15106	3155	18261	49.93
12	4541	121	277	4939	2161	3992	144	5571	5506	-1460	15282	39	15321	3197	18518	49.95
13	4525	63	266	4854	2124	3923	142	5248	5426	-1485	14984	39	15023	3182	18205	49.96
14	4442	73	266	4781	2142	3831	146	5115	5049	-1438	14511	29	14540	3129	17669	49.94
15	4334	183	265	4782	2315	3712	128	5184	5427	-1325	15039	29	15068	3168	18236	49.90
16	4079	298	267	4644	1971	3729	110	5200	5586	-1345	14695	29	14724	3153	17877	49.94
17	4036	370	270	4676	2128	3778	68	4894	5259	-1334	14575	29	14604	3131	17735	49.99
18	4027	105	270	4402	2142	3759	36	4427	4241	-1491	13089	29	13118	3056	16174	50.01
19	4027	75	269	4371	2122	3703	4	4351	4314	-1472	13042	29	13071	2844	15915	50.01
20	4036	469	271	4776	1828	3494	0	4596	5048	-1304	13842	29	13871	2821	16692	49.92
21	4047	691	266	5004	1854	3509	0	4786	4967	-1216	14118	29	14147	2779	16926	49.94
22	4035	331	269	4635	1644	3729	0	4669	4994	-1244	13758	29	13787	2692	16479	49.95
23	4288	146	270	4704	1543	4000	0	4542	4934	-1231	13950	29	13979	2653	16632	49.93
24	4341	141	270	4752	1500	4073	0	4437	5156	-1235	14246	29	14275	2613	16888	49.97
MUs	105.81	4.53	6.49	116.83	47.02	90.90	1.16	113.96	118.00	-29.19	344.73	0.85	345.58	63.91	409.48	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 06/Jul/2015

Position as on 6.30 Hrs of 07/Jul/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	
IPP	Adani U-1	660	01/06/2015	01.48	06/07/2015	16.52	Annual Overhaul	
MSPGCL	Chandrapur Unit 6	500	09/06/2015	23.58		Continued.	COH	
MSPGCL	Khaparkhedda Unit 4	210	19/06/2015	23.57		Continued.	Annual Overhaul	
MSPGCL	Nasik Unit 5	210	30/06/2015	23.50		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-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	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 T/F Burst	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
IPP	RPL(AMT) U-4	270	26/06/2015	11.53	06/07/2015	21.47	Turbine bearing Vabration high	
IPP	Adani U-3	660	04/07/2015	15:03		Continued.	Super heater drain leakage.	
IPP	WPCL U-3	135	04/07/2015	17:45		Continued.	Not schdule.	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
IPP	RPL(AMT) U-1	270	06/07/2015	00.37		Continued.	Furnace Pressure High	
MSPGCL	Nasik Unit 4	210	06/07/2015	14.48		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Jul/2015

Position as on 6.30 Hrs of 07/Jul/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
IPP	RPL(AMT) U-4	270	06/07/2015	22.08	06/07/2015	23.06	BTS Change over Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Jul/2015

Statement-VII

Position as on 6.30 Hrs of 07/Jul/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							
Wardha (PG)-Warora II	InterState	20/05/2015	02.39		Continued.	T	Breaker Accumulator Oil Leakage
Dabhol Nagothane I	InterState	30/06/2015	16.53		Continued.	HT	Over Voltage
Kolhapur Mapusa II	InterState	05/07/2015	16.11	06/07/2015	06.48	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	05/07/2015	17.01	06/07/2015	06.45	HT	Over Voltage
Kolhapur Mapusa I	InterState	06/07/2015	16.47		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	06/07/2015	19.04	07/07/2015	06.48	HT	Over Voltage
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	23/06/2015	16.53	06/07/2015	21.17	PO	E/W restringing work.
karad -kolhapur-I	IntraState	05/07/2015	16.05	06/07/2015	09.18	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/07/2015	16.40	06/07/2015	06.46	HT	Over Voltage
Karad-Jaigad - I	IntraState	05/07/2015	18.08	06/07/2015	09.22	HT	Over Voltage
Chandrapur-Parali 1	IntraState	06/07/2015	09.17	06/07/2015	18.35	PO	Outage Taken on Daily Basis for Fixing Carona Ring,Tighting Nut Bolt,Etc.
karad -kolhapur-I	IntraState	06/07/2015	16.37		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	06/07/2015	17.48		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	06/07/2015	18.35	07/07/2015	05.45	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	06/07/2015	21.32		Continued.	HT	Attending Hot Spot
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	15/06/2015	09.10		Continued.	PO	LV Side Taken on TBC Bay Work.
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	06/07/2015	17.19	06/07/2015	22.12	EO	To Attend Oil Leakage.
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.
Boisar Versova Line	IntraState	05/07/2015	08.08		Continued.	PO	Making LILO for 220KV Viraj S/S
Dahanu Boisar Line	IntraState	05/07/2015	08.32		Continued.	PO	Making LILO for 220KV Viraj S/S
Babhleshwar- Alephata	IntraState	06/07/2015	06.20		Continued.	HT	Over Loading of Bblsr ICT.
Mudshingi-Wathar	IntraState	06/07/2015	09.36	06/07/2015	15.55	PO	Line Out for Auto Reclose Scheme & O.M.Work.
K'Kheda- Suryalakshmi	IntraState	06/07/2015	20.28		Continued.	T	B Ph Jumper of Wavetrap Opened.
Babhleshwar- Ranjangaon	IntraState	07/07/2015	05.58		Continued.	HT	Over Loading of Bblsr ICT.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	05/07/2015	18.35		Continued.	T	Differential protection

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