

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	101.987	705.995	1) Gujrat	3.394	29.164
2) Hydro	5.719	48.048	2) Madhya Pradesh	17.733	98.569
3) Gas	6.492	45.367	3) Chattisgarh	5.610	39.120
Total MSPGCL	114.198	799.410	4) Maharashtra Net	96.446	651.218
B) 1) APML	55.510	367.470	5) Goa	-6.835	-47.122
2) JSWEL	18.836	127.410	6) TAPS 1&2 Injection	2.918	20.206
3) VIPL	11.461	81.645	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	15.492	106.784	8) Pench (MS)	0.165	1.262
5) WPCL	2.671	22.561	9) Pench (Excess)	-0.165	-1.134
6) Other IPP	2.058	27.024	Total	119.101	790.021
C) 1) TPCL Thermal	16.487	110.638	a) Mumbai Schedule	27.215	183.669
2) TPCL Hydro	3.191	24.583	b) Mumbai Drawl	29.110	193.064
3) TPCL Gas	3.866	21.609	c) MSEDCL Bilateral *	30.601	211.721
4) R-INFRA Thermal	12.004	84.763	Include PX	3.182	30.485
D) STATE			d) Mumbai Bilateral *	27.215	183.669
1) Thermal	236.506	1634.290	Include PX	3.577	19.190
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	8.910	72.631	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	10.358	66.976	1) MSEDCL	353.883	2401.836
4) Wind	42.741	263.243	2) Mumbai Discoms	64.659	434.657
6) SOLAR	0.925	8.198	TOTAL STATE	418.542	2836.493
TOTAL STATE	299.440	2045.338			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4318	4417	4142	3984
MSPGCL Hydro	559	59	99	53
MSPGCL Gas	267	269	269	271
MSPGCL Total Generation	5144	4745	4510	4308
Central Sector Receipt	5480	5381	5101	4643
WIND	2174	2034	1835	1659
CPP / IPP	4414	4478	4374	4356
SOLAR	124	99	0	0
Exchange with Mumbai	-1464	-1398	-1161	-987
MSEDCL DEMAND MET	15872	15339	14659	13979
Load Shedding	41	31	37	37
MSEDCL DEMAND	15913	15370	14696	14016
TPCL GENERATION	1208	1256	1116	636
R-INFRA GENERATION	517	518	517	395
MUMBAI DEMAND	3189	3172	2794	2018
STATE DEMAND MET	19061	18511	17453	15997
STATE DEMAND	19102	18542	17490	16034
Frequency (Hz)	49.96	49.90	49.82	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 08.05 Hrs	49.64 Hz at 22.05 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 07/Jul/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.38	11.03	153	130
Unit 6	0.00	0.00	0	0
Unit 7	3.36	13.30	155	120
Total	6.74	24.33		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.12	28.58	180	160
Unit 4	10.36	66.33	500	355
Unit 5	10.02	44.46	500	350
Total	24.49	139.36		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.18	0	0
Unit 5	0.00	19.87	0	0
Unit 6	0.00	0.00	0	0
Unit 7	5.65	35.63	249	194
Total	5.65	55.68		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.35	24.01	151	123
Unit 3	4.24	29.50	199	151
Unit 4	4.08	28.79	184	160
Unit 5	9.39	64.33	420	360
Unit 6	0.00	0.00	0	0
Unit 7	9.34	60.07	422	305
Total	30.40	206.70		
Paras				
Unit 3	4.60	35.55	204	178
Unit 4	4.18	34.75	201	144
Total	8.78	70.30		
Khaparkheda				
Unit 1	3.82	26.21	175	125
Unit 2	3.74	26.13	180	125
Unit 3	3.46	26.03	160	128
Unit 4	0.00	0.00	0	0
Unit 5	10.30	73.12	490	350
Total	21.31	151.49		
Nasik				
Unit 3	4.62	32.63	210	180
Unit 4	0.00	25.51	0	0
Unit 5	0.00	0.00	0	0
Total	4.62	58.14		
Uran				
All Units	6.49	45.37	274	267
Total	6.49	45.37		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.16	1.26	47	0
Total	0.16	1.26		
Koyna				
Stage 1-2	3.11	23.02	485	40
Stage 4	0.20	9.91	133	0
Stage 3	0.78	7.74	152	0
Total	4.09	40.68		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.08	0.17	4	3
BHIRA T.R.	0.24	1.71	80	0
RNGR+BHTSA	0.24	0.81	11	10
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	0.91	9	0
GHATGHAR	1.00	3.77	250	0
Total	1.63	7.37		
Wind				
Total	42.74	263.24	0	0
Total	42.74	263.24		
CPP				
APML(Mus)	55.51	367.47	0	0
JSWEL(Mus)	18.84	127.41	0	0
VIPL(Mus)	11.46	81.64	0	0
RPLAMT(Mus)	15.49	106.78	0	0
WPCL(Mus)	2.67	22.56	0	0
Other(Mus)	2.06	27.02	0	0
Total	106.03	732.89		
SOLAR				
Total	0.92	8.20	0	0
Total	0.92	8.20		
Tata				
Trombay 5	10.68	71.47	496	317
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.39	12.72	115	60
Trombay 7B	1.48	8.89	67	48
Trombay 8	5.81	39.17	252	200
TATA Hydro	3.19	24.58	330	0
Total	23.54	156.83		
R-INFRA				
1-2	12.00	84.76	520	395
Total	12.00	84.76		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	101.99	706.00
MSPGCL Thml+Gas	108.48	751.36

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.72	48.05
MSPGCL Total	114.20	799.41

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	3.31	32.94
State Total	299.44	2045.34

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/Jul/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	4412	138	273	4823	1604	4123	0	4471	4696	-1003	14243	50	14293	2426	16719	49.95
2	4296	84	273	4653	1574	4284	0	4364	4398	-930	13979	37	14016	2223	16239	49.99
3	4038	68	272	4378	1670	4379	0	4299	4712	-1073	14066	37	14103	2110	16213	49.95
4	3984	53	271	4308	1659	4356	0	4299	4643	-987	13979	37	14016	2018	16034	49.98
5	3991	58	270	4319	1636	4415	0	4299	4750	-976	14144	37	14181	2006	16187	49.99
6	4183	68	270	4521	1530	4287	0	4384	5237	-932	14643	42	14685	2081	16766	50.00
7	4429	467	270	5166	1492	4382	3	4428	5091	-948	15186	42	15228	2157	17385	49.97
8	4434	533	271	5238	1438	4655	24	4663	5516	-981	15890	42	15932	2294	18226	50.01
9	4449	641	270	5360	1819	4605	53	4927	5470	-1194	16113	45	16158	2585	18743	50.00
10	4482	616	271	5369	2037	4695	70	5062	5021	-1359	15833	45	15878	2945	18823	49.96
11	4310	627	270	5207	1796	4759	104	5254	5397	-1450	15813	43	15856	3170	19026	49.97
12	4318	559	267	5144	2174	4414	124	5348	5480	-1464	15872	41	15913	3189	19102	49.96
13	4365	201	269	4835	1993	4392	118	5205	5263	-1464	15137	41	15178	3202	18380	49.99
14	4394	67	267	4728	2201	4399	137	5056	5161	-1390	15236	35	15271	3111	18382	49.95
15	4413	54	267	4734	2034	4409	87	5314	5322	-1427	15159	31	15190	3154	18344	49.87
16	4417	59	269	4745	2034	4478	99	5257	5381	-1398	15339	31	15370	3172	18542	49.90
17	4313	181	272	4766	1968	4536	62	4864	5135	-1406	15061	31	15092	3171	18263	49.96
18	4141	140	272	4553	1980	4325	40	4273	4212	-1500	13610	31	13641	3077	16718	49.99
19	4112	65	272	4449	1979	4431	4	3996	3849	-1408	13304	31	13335	2928	16263	49.96
20	4106	143	270	4519	1920	4450	0	4510	4572	-1251	14210	37	14247	2881	17128	49.86
21	4142	99	269	4510	1835	4374	0	4719	5101	-1161	14659	37	14696	2794	17490	49.82
22	4161	73	269	4503	1499	4298	0	4686	5066	-1148	14218	37	14255	2674	16929	49.75
23	4089	225	274	4588	1410	4343	0	4411	4906	-1151	14096	37	14133	2694	16827	49.89
24	4008	500	274	4782	1459	4389	0	4322	4724	-1109	14245	37	14282	2596	16878	49.94
MUs	101.99	5.72	6.49	114.20	42.74	106.18	0.93	112.41	119.10	-29.11	354.04	0.91	354.95	64.66	419.61	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 07/Jul/2015

Position as on 6.30 Hrs of 08/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	
MSPGCL	Chandrapur Unit 6	500	09/06/2015	23.58		Continued.	COH	
MSPGCL	Khaparkheda 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	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	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
IPP	RPL(AMT) U-4	270	08/07/2015	00.48	08/07/2015	03.06	Turbine bearing Vabration high	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Jul/2015

Position as on 6.30 Hrs of 08/Jul/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
RINFRA-G	REL Unit 1	250	08/07/2015	01.51		Continued.	BTL.	

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

Statement-VII

Position as on 6.30 Hrs of 08/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 I	InterState	06/07/2015	16.47	07/07/2015	09.14	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	06/07/2015	19.04	07/07/2015	06.48	HT	Over Voltage
Kolhapur Mapusa II	InterState	07/07/2015	17.14		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	07/07/2015	18.07	08/07/2015	03.32	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	07/07/2015	22.59		Continued.	HT	Heavy Sparking of SSP End.
Akola II - Taptitanda	IntraState	20/05/2015	08.59		Continued.	HT	Ckt I and Ckt 2 new charged to control BBL SR ICT loading.
karad -kolhapur-I	IntraState	06/07/2015	16.37	07/07/2015	08.47	HT	Over Voltage
Karad-Jaigad - I	IntraState	06/07/2015	17.48	07/07/2015	09.09	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
Chandrapur-Parali 1	IntraState	07/07/2015	09.03	07/07/2015	15.56	PO	Jumper Tightening and Fixing of Nut Bolts
karad -kolhapur-I	IntraState	07/07/2015	16.34		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	07/07/2015	16.37		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	07/07/2015	17.47		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/07/2015	00.26		Continued.	T	Distance Protection
Jejuri- Koynastage-IV	IntraState	08/07/2015	00.26		Continued.	T	Distance Protection
karad -kolhapur-II	IntraState	08/07/2015	03.02		Continued.	T	Over Voltage
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.
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 Balsr ICT.
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	07/07/2015	17.02	HT	Over Loading of Bblsr ICT.
Kadegaon-Miraj	IntraState	07/07/2015	10.01	07/07/2015	15.05	PO	Routine Maintenance Work
Solapur(Bale) - Tuljapur	IntraState	07/07/2015	10.04	07/07/2015	14.48	PO	Routine Maintenance Work
Niwali - Pawas Line	IntraState	07/07/2015	10.24	07/07/2015	14.03	PO	Routine Maintenance Work
Pargaon(Kathapur)-Lonikand	IntraState	08/07/2015	00.13	08/07/2015	00.42	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
220/100 Kv 100 MVA ICT I @Vasai-II	IntraState	05/07/2015	18.35		Continued.	T	Differential protection
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	07/07/2015	12.13	07/07/2015	17.31	PO	Attending Oil Leakage

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