

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Jul/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	94.974	1450.826	1) Gujrat	8.975	62.134
2) Hydro	16.917	161.917	2) Madhya Pradesh	19.862	237.625
3) Gas	6.499	97.389	3) Chattisgarh	7.820	86.220
Total MSPGCL	118.390	1710.132	4) Maharashtra Net	123.813	1505.741
B) 1) APML	41.670	789.630	5) Goa	-7.086	-102.230
2) JSWEL	21.144	279.387	6) TAPS 1&2 Injection	2.841	43.130
3) VIPL	6.541	177.691	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	15.610	218.624	8) Pench (MS)	0.130	2.999
5) WPCL	4.053	45.778	9) Pench (Excess)	0.000	-2.611
6) Other IPP	3.699	59.872	Total	156.225	1830.009
C) 1) TPCL Thermal	20.245	259.166	a) Mumbai Schedule	26.028	417.349
2) TPCL Hydro	3.710	51.129	b) Mumbai Drawl	25.907	429.487
3) TPCL Gas	4.335	55.264	c) MSEDCL Bilateral *	52.142	512.954
4) R-INFRA Thermal	11.474	142.033	Include PX	6.221	111.732
D) STATE			d) Mumbai Bilateral *	26.028	417.349
1) Thermal	219.410	3423.007	Include PX	7.049	61.832
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	20.627	213.046	H) ENERGY CATERED (MUs)		
3) Gas	10.834	152.653	1) MSEDCL	372.983	5239.672
4) Wind	30.328	539.195	2) Mumbai Discoms	65.673	937.085
6) SOLAR	1.230	16.230	TOTAL STATE	438.656	6176.757
TOTAL STATE	282.429	4344.131			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3854	3925	3994	4132
MSPGCL Hydro	1385	1453	400	204
MSPGCL Gas	270	269	272	273
MSPGCL Total Generation	5509	5647	4666	4609
Central Sector Receipt	7404	7111	6144	5731
WIND	1036	1106	1444	1266
CPP / IPP	3818	3824	4044	3805
SOLAR	152	162	0	0
Exchange with Mumbai	-1364	-1388	-1257	-605
MSEDCL DEMAND MET	16555	16462	15041	14806
Load Shedding	135	221	70	50
MSEDCL DEMAND	16690	16683	15111	14856
TPCL GENERATION	1358	1331	1145	1076
R-INFRA GENERATION	515	517	516	414
MUMBAI DEMAND	3237	3236	2918	2095
STATE DEMAND MET	19792	19698	17959	16901
STATE DEMAND	19927	19919	18029	16951
Frequency (Hz)	49.98	49.95	49.94	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 05.04 Hrs	49.74 Hz at 22.08 Hrs	49.95	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 15/Jul/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	17.13	0	0
Unit 6	0.00	0.00	0	0
Unit 7	4.04	42.41	180	159
Total	4.04	59.54		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	1.55	58.89	175	0
Unit 4	8.46	122.68	495	0
Unit 5	11.19	134.23	500	430
Total	21.19	315.80		
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	0.00	37.92	0	0
Total	0.00	57.96		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.56	52.17	155	143
Unit 3	4.50	65.13	200	154
Unit 4	4.20	61.76	183	159
Unit 5	9.40	105.59	410	343
Unit 6	0.00	0.00	0	0
Unit 7	8.89	130.92	389	354
Total	30.55	415.56		
Paras				
Unit 3	5.37	77.55	241	206
Unit 4	5.71	77.34	252	217
Total	11.08	154.89		
Khaparkheda				
Unit 1	2.90	54.18	150	95
Unit 2	3.64	55.12	175	125
Unit 3	3.28	58.27	153	131
Unit 4	0.00	0.00	0	0
Unit 5	9.17	150.09	425	350
Total	19.00	317.68		
Nasik				
Unit 3	4.59	69.75	200	180
Unit 4	4.52	59.64	198	180
Unit 5	0.00	0.00	0	0
Total	9.11	129.38		
Uran				
All Units	6.50	97.39	275	268
Total	6.50	97.39		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.13	3.00	43	0
Total	0.13	3.00		
Koyna				
Stage 1-2	5.94	66.40	545	40
Stage 4	7.06	51.52	755	0
Stage 3	3.00	26.68	240	0
Total	16.00	144.60		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.55	0	0
BHTGR/VEER	0.08	0.86	4	3
BHIRA T.R.	0.24	3.32	81	0
RNGR+BHTSA	0.24	2.35	10	9
BHANDARDRA	0.00	0.06	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	1.35	9	0
GHATGHAR	0.31	8.84	125	0
Total	0.92	17.32		
Wind				
Total	30.33	539.20	0	0
Total	30.33	539.20		
CPP				
APML(Mus)	41.67	789.63	0	0
JSWEL(Mus)	21.14	279.39	0	0
VIPL(Mus)	6.54	177.69	0	0
RPLAMT(Mus)	15.61	218.62	0	0
WPCL(Mus)	4.05	45.78	0	0
Other(Mus)	3.70	59.87	0	0
Total	92.72	1570.98		
SOLAR				
Total	1.23	16.23	0	0
Total	1.23	16.23		
Tata				
Trombay 5	11.69	164.03	492	474
Trombay 6	2.59	8.40	156	0
Trombay 7A	2.74	33.86	125	94
Trombay 7B	1.60	21.41	69	61
Trombay 8	5.96	86.74	251	244
TATA Hydro	3.71	51.13	306	0
Total	28.29	365.56		
R-INFRA				
1-2	11.47	142.03	518	258
Total	11.47	142.03		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	94.97	1450.83
MSPGCL Thml+Gas	101.47	1548.22

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	16.92	161.92
MSPGCL Total	118.39	1710.13

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	13.00	117.91
State Total	282.43	4344.13

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	4193	523	273	4989	1400	3930	0	5624	5909	-1170	15058	63	15121	2489	17610	49.95
2	4172	237	273	4682	1285	3838	0	5487	6039	-954	14890	50	14940	2289	17229	49.96
3	4142	234	273	4649	1313	3891	0	5364	6181	-727	15307	50	15357	2164	17521	49.89
4	4132	204	273	4609	1266	3805	0	5209	5731	-605	14806	50	14856	2095	16951	49.92
5	4146	247	275	4668	1153	3969	0	5120	5935	-524	15201	50	15251	2084	17335	49.96
6	4116	672	275	5063	1181	3644	0	5293	5846	-529	15205	60	15265	2119	17384	49.99
7	4072	1018	273	5363	1181	3786	2	5822	6223	-585	15970	104	16074	2171	18245	50.00
8	4107	838	272	5217	1093	3875	31	5958	6870	-710	16376	107	16483	2290	18773	49.97
9	4058	664	269	4991	1324	3667	71	6520	7564	-1005	16612	107	16719	2587	19306	49.97
10	3921	918	269	5108	1070	3601	129	6559	7655	-1126	16437	95	16532	2937	19469	49.92
11	3897	1264	269	5430	952	3479	148	6549	7661	-1311	16359	83	16442	3191	19633	50.00
12	3854	1385	270	5509	1036	3818	152	6433	7404	-1364	16555	135	16690	3237	19927	49.98
13	3925	1453	269	5647	1106	3824	162	6246	7111	-1388	16462	221	16683	3236	19919	49.95
14	3968	1017	269	5254	1142	3746	149	6366	6984	-1288	15987	140	16127	3169	19296	49.93
15	3923	989	269	5181	1412	3946	143	6344	7066	-1350	16398	127	16525	3214	19739	49.90
16	3956	1101	268	5325	1305	3909	120	6262	6591	-1380	15870	101	15971	3228	19199	49.99
17	3981	823	268	5072	1581	3902	77	6257	6556	-1385	15803	90	15893	3213	19106	49.96
18	4046	175	273	4494	1508	3941	38	5845	6044	-1492	14533	68	14601	3117	17718	49.96
19	4034	98	271	4403	1620	4027	8	5604	5882	-1314	14626	65	14691	2960	17651	49.96
20	3994	400	272	4666	1444	4044	0	5783	6144	-1257	15041	70	15111	2918	18029	49.94
21	3870	588	270	4728	1377	4035	0	5807	6126	-1227	15039	68	15107	2877	17984	49.86
22	3519	589	270	4378	1139	3994	0	5803	6163	-1058	14616	68	14684	2724	17408	49.93
23	3474	634	268	4376	1240	4029	0	5825	6251	-1093	14803	49	14852	2720	17572	49.94
24	3474	846	268	4588	1200	4017	0	5708	6288	-1065	15028	49	15077	2642	17719	49.97
MUs	94.97	16.92	6.50	118.39	30.33	92.72	1.23	141.79	156.22	-25.91	372.98	2.07	375.05	65.67	440.72	49.95

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 15/Jul/2015

Position as on 6.30 Hrs of 16/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	
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	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
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.	
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	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
MSPGCL	Koradi Unit 5	200	09/07/2015	19.19		Continued.	ID Fan Problem	
CPP	WPCL U-4	135	11/07/2015	06.58		Continued.	ID Fan Vibration High	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Jul/2015

Position as on 6.30 Hrs of 16/Jul/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-4	660	13/07/2015	17.14		Continued.	Boiler Tube Leakage	
IPP	VIPL U-1	300	14/07/2015	23.58		Continued.	AOH.	
MSPGCL	Bhusawal Unit 3	210	15/07/2015	09.08		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-2	270	15/07/2015	09.15	15/07/2015	11.28	Flame Failure	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 4	500	15/07/2015	20.54	16/07/2015	03.14	steam leakage	
IPP	RPL(AMT) U-3	270	16/07/2015	18.26		Continued.	PA Fan problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Jul/2015

Statement-VII

Position as on 6.30 Hrs of 16/Jul/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 IV	InterState	13/07/2015	07.19		Continued.	HT	To Control Padgha-BBLR Line Loading.
400 KV LINE Outages/Trippings							
Akola Aurangabad(PG) II	InterState	15/07/2015	11.57	15/07/2015	20.22	PO	Testing Work
Kolhapur Mapusa I	InterState	15/07/2015	21.40	16/07/2015	06:57	HT	Over Voltage
Kolhapur Mapusa I	InterState	16/07/2015	16.40		Continued.	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-I	IntraState	09/07/2015	17.32		Continued.	HT	padgha-BBLSR Line Loading
Babhaleshwar-Taptitanda ckt-II	IntraState	14/07/2015	08.48		Continued.	HT	to control line loading of padgha-bblr
Nagothane - Dabhol-II	IntraState	14/07/2015	12.33		Continued.	T	Distance Protection
karad -kolhapur-I	IntraState	14/07/2015	17.04	15/07/2015	07.22	HT	Over Voltage
Karad - Jaigad - II	IntraState	14/07/2015	17.59	15/07/2015	07.25	HT	Over Voltage
Akola-Nandgaonpeth (RPL)	IntraState	15/07/2015	09.12	15/07/2015	18.59	PO	Annual Maintenance Work
Koradi-Khaperkheda li	IntraState	15/07/2015	09.15	15/07/2015	13.52	PO	Replacement work
Padghe - Talegaon (PG)	IntraState	15/07/2015	11.50	15/07/2015	19.25	PO	Annual Maintenance Work
karad -kolhapur-II	IntraState	15/07/2015	17.00	16/07/2015	06.25	HT	Over Voltage
Karad-Jaigad - I	IntraState	15/07/2015	17.30	16/07/2015	06.38	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	15/07/2015	23.26	16/07/2015	11:58	T	Distance Protection
Jejuri- Koynastage-IV	IntraState	16/07/2015	03.24	16/07/2015	11:28	T	Distance Protection
Babhaleshwar - Padghe-I	IntraState	16/07/2015	04.29		Continued.	T	Distance Protection
Nagothane - Dabhol I	IntraState	16/07/2015	11.29	16/07/2015	13.35	T	dabhol bus fault
New Koyna - Dabhol-I	IntraState	16/07/2015	11.58	16/07/2015	13.56	T	force hand tripped due to bus operated
karad -kolhapur-II	IntraState	16/07/2015	17.07		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/07/2015	17.09		Continued.	HT	Over Voltage
Main Bus-II @ Akola	IntraState	16/07/2015	20.56		Continued.	PO	Attending Sparking of isolator
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva Ict 1 @Dhule	IntraState	15/07/2015	10.15	15/07/2015	12.43	HT	Air realase purpose
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	15/07/2015	11.22	15/07/2015	19.15	PO	Attending Hot Spot
400/220/33 Kv 315 MVA ICT II @Babhleshwar	IntraState	15/07/2015	17.20		Continued.	PO	Attending Oil Leakage
400/220kv 315 Mva ICT I @Karad	IntraState	16/07/2015	17.30	16/07/2015	18.44	T	NDR protection
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	16/07/2015	01.37	PO	Making LILO for 220KV Viraj S/S
Osmanabad - Solapur (Bale)	IntraState	06/07/2015	15.06		Continued.	HT	For Controlling Early ICT Loading.
Babhaleshwar - Degaon Rangari	IntraState	08/07/2015	12.21		Continued.	HT	construction of new 220kv chalisgaon Bay by hot line unit
REL Borivali TPC Borivali line	IntraState	10/07/2015	16.22		Continued.	T	Distance Protection
Babhleshwar- Ranjangaon	IntraState	15/07/2015	06.23		Continued.	HT	Over Voltage
Babhleshwar -Bhenda	IntraState	16/07/2015	01.37	16/07/2015	04.25	HT	TO control over loading of BBLR icts

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 15/Jul/2015

Statement-VII

Position as on 6.30 Hrs of 16/Jul/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Raymond - Washala	IntraState	16/07/2015	02.41	16/07/2015	17.56	T	Distance Protection
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	16/07/2015	03.30	16/07/2015	04.29	T	Distance Protection
Nashik-Padgha	IntraState	16/07/2015	04.54	16/07/2015	18.10	HT	over loading of bblsr icts
Nashik-Airoli Knowledge Park	IntraState	16/07/2015	06.29	16/07/2015	18.17	HT	control over loading of bblr icts
Pedhambe - Oni	IntraState	16/07/2015	08.15	16/07/2015	17.25	PO	R M W work
Taloja II - OCIL-I	IntraState	16/07/2015	08.53	16/07/2015	17.59	PO	P M work
Miraj - Mhaishal	IntraState	16/07/2015	11.51	16/07/2015	15.53	T	Distance Protection
Apta - Taloja	IntraState	16/07/2015	11.59	16/07/2015	13.04	PO	Attending Hot Spot
Theur-Jejuri	IntraState	16/07/2015	12.25	16/07/2015	14.50	T	Distance Protection
Uran - Apta 3	IntraState	16/07/2015	14.07	16/07/2015	16.27	PO	Attending Hot Spot
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	16/07/2015	18.15	16/07/2015	19.49	PO	Annual Maintenance Work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/22kv 40 Mva Cgl Ptr 1 @Sicom	IntraState	11/07/2015	14.00		Continued.	PO	Cable Replacement & CT,PT Replacement Work.
132 KV LINE Outages/Trippings							
Lonand - Wai	IntraState	16/07/2015	22:00		Continued.	T	Distance Protection

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