

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Jun/2015 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	111.030	2310.275	1) Gujrat	1.930	40.244
2) Hydro	4.994	183.236	2) Madhya Pradesh	10.741	264.630
3) Gas	6.135	111.044	3) Chattisgarh	4.600	87.880
Total MSPGCL	122.159	2604.555	4) Maharashtra Net	65.530	1821.187
B) 1) APML	45.010	1067.740	5) Goa	-5.698	-130.955
2) JSWEL	15.407	310.516	6) TAPS 1&2 Injection	3.069	44.807
3) VIPL	9.180	205.394	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	8.530	104.760	8) Pench (MS)	0.060	1.847
5) WPCL	2.494	120.066	9) Pench (Excess)	-0.060	-1.251
6) Other IPP	3.751	99.823	Total	80.112	2126.542
C) 1) TPCL Thermal	12.304	301.870	a) Mumbai Schedule	21.116	506.096
2) TPCL Hydro	2.376	64.307	b) Mumbai Drawl	25.602	577.810
3) TPCL Gas	2.587	54.513	c) MSEDCL Bilateral *	16.007	575.745
4) R-INFRA Thermal	7.097	212.286	Include PX	-8.059	-9.794
D) STATE			d) Mumbai Bilateral *	21.116	503.596
1) Thermal	214.803	4732.730	Include PX	1.270	32.193
(A1+C1+C4+(B1-B6))			Include Standby	0.000	2.500
2) Hydro	7.370	247.543	H) ENERGY CATERED (MUs)		
3) Gas	8.722	165.557	1) MSEDCL	295.674	6476.835
4) Wind	33.675	394.482	2) Mumbai Discoms	49.961	1210.761
6) SOLAR	0.958	19.451	TOTAL STATE	345.635	7687.596
TOTAL STATE	265.528	5559.763			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	4541	4689	4762	4510
MSPGCL Hydro	150	447	170	94
MSPGCL Gas	272	264	254	259
MSPGCL Total Generation	4963	5400	5186	4863
Central Sector Receipt	3979	3852	3992	2267
WIND	1665	1224	1453	1392
CPP / IPP	3678	3481	3522	3542
SOLAR	102	52	0	0
Exchange with Mumbai	-1315	-1181	-1056	-701
MSEDCL DEMAND MET	13072	12828	13097	11363
Load Shedding	40	32	32	36
MSEDCL DEMAND	13112	12860	13129	11399
TPCL GENERATION	769	818	822	623
R-INFRA GENERATION	211	381	392	246
MUMBAI DEMAND	2295	2380	2270	1570
STATE DEMAND MET	15367	15208	15367	12933
STATE DEMAND	15407	15240	15399	12969
Frequency (Hz)	50.07	49.99	49.96	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 17.06 Hrs	49.81 Hz at 19.37 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 20/Jun/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.34	53.18	160	42
Unit 6	0.00	0.00	0	0
Unit 7	3.84	40.16	170	150
Total	7.18	93.34		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.06	33.06	175	165
Unit 4	9.16	189.01	400	365
Unit 5	9.08	162.72	390	355
Total	22.32	384.79		
Parli				
Unit 3	0.00	46.98	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.54	71.09	152	143
Unit 6	4.67	95.49	201	169
Unit 7	4.64	97.64	202	190
Total	12.86	311.20		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.30	63.28	150	105
Unit 3	3.96	81.71	175	151
Unit 4	3.94	80.20	174	140
Unit 5	8.92	184.59	385	346
Unit 6	0.00	84.60	0	0
Unit 7	7.46	134.86	380	231
Total	27.58	629.25		
Paras				
Unit 3	4.37	98.76	203	147
Unit 4	4.32	101.44	193	162
Total	8.70	200.20		
Khaparkheda				
Unit 1	2.81	64.80	140	90
Unit 2	3.70	70.11	165	135
Unit 3	4.18	79.40	188	162
Unit 4	0.00	72.34	0	0
Unit 5	8.64	161.46	380	340
Total	19.33	448.11		
Nasik				
Unit 3	4.36	91.60	190	175
Unit 4	4.30	61.46	185	173
Unit 5	4.41	90.30	188	180
Total	13.08	243.37		
Uran				
All Units	6.14	111.04	272	195
Total	6.14	111.04		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.06	1.85	30	0
Total	0.06	1.85		
Koyna				
Stage 1-2	1.92	66.38	255	40
Stage 4	0.11	43.77	82	0
Stage 3	0.85	25.71	160	0
Total	2.88	135.86		
Hydro				
KDPH	0.32	5.81	14	13
VTRNA	0.00	8.82	0	0
TILLARI	0.00	1.93	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.33	3.73	80	0
RNGR+BHTSA	0.21	3.78	9	8
BHANDARDRA	0.10	0.73	21	0
ELDARY	0.00	1.04	0	0
SMLHY_PTN	0.27	4.48	19	9
GHATGHAR	0.88	17.05	125	0
Total	2.12	47.37		
Wind				
Total	33.68	394.48	0	0
Total	33.68	394.48		
CPP				
APML(Mus)	45.01	1067.74	0	0
JSWEL(Mus)	15.41	310.52	0	0
VIPL(Mus)	9.18	205.39	0	0
RPLAMT(Mus)	8.53	104.76	0	0
WPCL(Mus)	2.49	120.07	0	0
Other(Mus)	3.75	99.82	0	0
Total	84.37	1908.30		
SOLAR				
Total	0.96	19.45	0	0
Total	0.96	19.45		
Tata				
Trombay 5	7.51	184.92	316	311
Trombay 6	0.00	13.80	0	0
Trombay 7A	1.43	30.99	60	59
Trombay 7B	1.15	23.52	49	47
Trombay 8	4.79	103.15	204	196
TATA Hydro	2.38	64.31	218	0
Total	17.27	420.69		
R-INFRA				
1-2	7.10	212.29	397	190
Total	7.10	212.29		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	111.03	2310.28
MSPGCL Thml+Gas	117.16	2421.32

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	4.99	183.24
MSPGCL Total	122.16	2604.56

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.03	110.15
State Total	265.53	5559.76

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/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	4514	317	260	5091	1316	3478	0	2948	2737	-825	11797	51	11848	1700	13548	49.99
2	4510	94	259	4863	1392	3542	0	2819	2267	-701	11363	36	11399	1570	12969	50.01
3	4547	70	260	4877	1389	3342	0	1797	2519	-675	11452	36	11488	1515	13003	49.96
4	4614	245	259	5118	1458	3201	0	1741	2349	-682	11444	36	11480	1492	12972	50.01
5	4577	285	258	5120	1466	3619	0	1855	1949	-677	11477	36	11513	1494	13007	49.99
6	4547	80	260	4887	1376	3570	0	2745	2610	-735	11708	36	11744	1550	13294	50.02
7	4525	70	262	4857	1348	3727	6	3150	3229	-784	12383	37	12420	1596	14016	50.07
8	4498	90	262	4850	1450	4009	32	3426	3404	-901	12844	37	12881	1725	14606	50.09
9	4532	97	270	4899	1525	3792	85	3617	3698	-1130	12869	37	12906	1967	14873	50.10
10	4541	150	272	4963	1665	3678	102	3959	3979	-1315	13072	40	13112	2295	15407	50.07
11	4658	236	269	5163	1467	3479	128	3717	4012	-1447	12802	40	12842	2534	15376	50.06
12	4706	533	267	5506	1441	3502	125	3736	3632	-1541	12665	38	12703	2616	15319	50.02
13	4712	426	266	5404	1186	3480	122	3677	3807	-1489	12510	36	12546	2613	15159	49.98
14	4655	317	263	5235	1257	3482	126	3544	3603	-1365	12338	31	12369	2481	14850	49.99
15	4655	317	265	5237	1183	3518	86	3643	3770	-1267	12527	32	12559	2419	14978	49.97
16	4689	447	264	5400	1224	3481	52	3613	3852	-1181	12828	32	12860	2380	15240	49.99
17	4637	437	256	5330	1388	3496	48	3351	3507	-1152	12617	32	12649	2369	15018	50.01
18	4616	90	254	4960	1368	3464	39	3245	3301	-1199	11933	32	11965	2367	14332	50.09
19	4677	82	252	5011	1421	3395	7	3508	3394	-1301	11927	32	11959	2354	14313	50.05
20	4743	215	254	5212	1425	3504	0	3421	3805	-1142	12804	32	12836	2372	15208	49.93
21	4762	170	254	5186	1453	3522	0	3873	3992	-1056	13097	32	13129	2270	15399	49.96
22	4739	77	254	5070	1505	3427	0	3572	3650	-1128	12524	32	12556	2195	14751	49.99
23	4717	77	200	4994	1491	3373	0	3140	3560	-1016	12402	32	12434	2125	14559	49.99
24	4659	72	195	4926	1481	3291	0	3104	3486	-893	12291	32	12323	1967	14290	50.00
MUs	111.03	4.99	6.14	122.16	33.68	84.37	0.96	77.20	80.11	-25.60	295.67	0.85	296.52	49.97	346.49	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 20/Jun/2015

Position as on 6.30 Hrs of 21/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	
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	
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.	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.	
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	
IPP	JSW (J) U1	300	14/05/2015	19.16		Continued.	Turbine Bearing Problem	
IPP	RPL(AMT) U-2	270	01/06/2015	06.53		Continued.	Coal bunkering 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 major problem.	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Coal Shortage	
RINFRA-G	REL Unit 2	250	16/06/2015	23.13	20/06/2015	11.51	Control instrument card failure.	
IPP	RPL(AMT) U-4	270	19/06/2015	18.59	20/06/2015	00.21	Generator Protection operated	
MSPGCL	Chandrapur Unit 3	210	21/06/2015	12.05		Continued.	P A Fan A Problem.	
MSPGCL	Parli Unit 7	250	21/06/2015	14.14		Continued.	Bottom Ash Hopper Plate	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 20/Jun/2015

Position as on 6.30 Hrs of 21/Jun/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 6	250	21/06/2015	14.18	21/06/2015	18.22	Got Cracked.	
							Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 21/Jun/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	17/06/2015	12.52		Continued.	T	Convertor transformer diff prot optd.
400 KV LINE Outages/Trippings							
Wardha (PG)-Warora II	InterState	20/05/2015	02.39		Continued.	T	Breaker Accumulator Oil Leakage
Dhule Sar'Sarovar I	InterState	17/06/2015	19.00		Continued.	HT	Over Voltage
Kolhapur Mapusa I	InterState	19/06/2015	16.41	20/06/2015	09.23	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	19/06/2015	20.47	20/06/2015	08.37	HT	Over Voltage
Talegaon PG - Aurangabad - II	InterState	20/06/2015	09.55		Continued.	PO	Annual Maintenance Work
Parli (Pg) Wardha (Pg) I	InterState	20/06/2015	11.56	20/06/2015	19.33	PO	Annual Maintenance Work
Kolhapur Mapusa I	InterState	20/06/2015	16.54		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	21/06/2015	01.04	21/06/2015	09.06	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	21/06/2015	13.09		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.
New Koyana - Dabhol-I	IntraState	08/06/2015	10.05		Continued.	PO	Outage (RFC 16.07Hrs)
Babhaleshwar-Taptitanda ckt-II	IntraState	12/06/2015	16.20	21/06/2015	19.48	HT	Over Voltage
New Koyana - Koyana Stage IV-II	IntraState	15/06/2015	14.58		Continued.	PO	Taken on TBC to Attend Oil Leakage on Own CB.
Karad-Jaigad - I	IntraState	18/06/2015	21.06	20/06/2015	08.46	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	19/06/2015	13.10	20/06/2015	10.33	HT	Over Voltage
karad -kolhapur-II	IntraState	19/06/2015	16.32	20/06/2015	08.42	HT	Over Voltage
Padghe - Kalwa- I	IntraState	19/06/2015	17.08	20/06/2015	00.11	PO	Distance Protection
Akola II - RPL(Rattanindia) Ckt I	IntraState	19/06/2015	18.59	20/06/2015	05.43	T	Distance Protection
Lonikand I - Koyana stage-IV	IntraState	19/06/2015	21.16	20/06/2015	06.27	HT	Over Voltage
Karad-Jaigad - I	IntraState	20/06/2015	17.10		Continued.	HT	Over Voltage
Lonikand I - Koyana stage-IV	IntraState	20/06/2015	23.59	21/06/2015	09.00	HT	Over Voltage
Dhule - Bableshwar - li	IntraState	21/06/2015	08.33	21/06/2015	21.12	PO	A/R Out for OPGW Work.
Bhusawal-Aurangabad	IntraState	21/06/2015	13.10		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	21/06/2015	14.53	21/06/2015	19.21	T	Distance Protection B Ph E/F Z-I @ Bblr End.
Babhaleshwar-Taptitanda ckt-I	IntraState	21/06/2015	17.37		Continued.	T	Distance Protection R Ph E/F,AR Lockout @ Bblr End.
Lonikand I - Koyana stage-IV	IntraState	21/06/2015	17.45		Continued.	HT	Over Voltage
Karad - Lonikand 1	IntraState	21/06/2015	23.51		Continued.	HT	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.
400/220/33 Kv 315 Mva ICT II @Chandrapur	IntraState	21/06/2015	20.45		Continued.	T	Differential protection
220 KV LINE Outages/Trippings							
Boisar(MS) - Boisar (PG) - I	InterState	21/06/2015	06.25	21/06/2015	11.49	HT	Attending Hot Spot
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.
Nigade- Peth Line	IntraState	20/06/2015	09.27	20/06/2015	10.41	PO	Testing Work
Peth- Mudshingi -I	IntraState	20/06/2015	10.53	20/06/2015	12.04	PO	Testing Work

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 20/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 21/Jun/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pegasus - Infosys	IntraState	20/06/2015	11.46	20/06/2015	17.06	PO	Annual Maintenance Work
Eklahara(Ocr)-Raymond (Padagha-I)	IntraState	20/06/2015	13.41	20/06/2015	16.26	PO	Replacement work
Adlabs - Pedambe	IntraState	21/06/2015	04.24	21/06/2015	16.05	T	Distance Protection
TATA Tie I	IntraState	21/06/2015	09.21	21/06/2015	09.56	PO	Shield Wire Inspection.
Trombay MSETCL Tie 2	IntraState	21/06/2015	10.17	21/06/2015	10.54	PO	Shield Wire Inspection.
Kalwa-Salsette-VI	IntraState	21/06/2015	11.25	21/06/2015	14.48	PO	Premonsoon Checks.
Kalwa-Salsette-IV	IntraState	21/06/2015	15.00	21/06/2015	19.10	PO	Premonsoon Checks.
Kandalgaon - Koyna	IntraState	21/06/2015	20.32		Continued.	T	Distance Protection,LBB Operated @ Kandalgaon.
Kandalgaon - Topworth	IntraState	21/06/2015	20.32		Continued.	T	LBB Operated @ Kandalgaon.
Kandalgaon - Pirangut	IntraState	21/06/2015	20.32		Continued.	T	LBB Operated @ Kandalgaon.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
200MVA ICT VI @ Nasik GCR	IntraState	18/06/2015	11.40	20/06/2015	12.13	HT	Attending Oil Leakage

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