

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Jun/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	96.354	2716.559	1) Gujrat	5.531	50.540
2) Hydro	6.652	208.030	2) Madhya Pradesh	9.072	304.724
3) Gas	4.223	131.657	3) Chattisgarh	3.780	105.190
Total MSPGCL	107.229	3056.246	4) Maharashtra Net	58.794	2078.388
B) 1) APML	42.220	1240.080	5) Goa	-6.228	-155.776
2) JSWEL	14.992	369.814	6) TAPS 1&2 Injection	3.039	57.006
3) VIPL	9.147	242.152	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.870	130.220	8) Pench (MS)	0.000	1.939
5) WPCL	2.647	130.319	9) Pench (Excess)	0.000	-1.318
6) Other IPP	3.203	113.911	Total	73.988	2438.754
C) 1) TPCL Thermal	13.184	352.623	a) Mumbai Schedule	22.563	587.693
2) TPCL Hydro	5.832	81.393	b) Mumbai Drawl	30.208	684.908
3) TPCL Gas	2.602	64.892	c) MSEDCL Bilateral *	12.354	648.992
4) R-INFRA Thermal	5.819	242.346	Include PX	-9.847	-31.940
D) STATE			d) Mumbai Bilateral *	22.563	584.243
1) Thermal	193.436	5538.024	Include PX	2.426	35.473
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.450
2) Hydro	12.484	289.423	H) ENERGY CATERED (MUs)		
3) Gas	6.825	196.549	1) MSEDCL	267.577	7586.794
4) Wind	37.682	526.225	2) Mumbai Discoms	57.643	1426.135
6) SOLAR	0.807	22.598	TOTAL STATE	325.220	9012.929
TOTAL STATE	251.234	6572.819			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 17 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4014	4076	4046	3906
MSPGCL Hydro	278	234	450	120
MSPGCL Gas	131	131	150	251
MSPGCL Total Generation	4423	4441	4646	4277
Central Sector Receipt	3875	3141	3849	2796
WIND	1743	1556	1793	1169
CPP / IPP	3128	3234	3462	3053
SOLAR	68	57	0	0
Exchange with Mumbai	-1693	-1512	-1368	-826
MSEDCL DEMAND MET	11544	10917	12382	10469
Load Shedding	39	37	37	37
MSEDCL DEMAND	11583	10954	12419	10506
TPCL GENERATION	996	1082	1049	621
R-INFRA GENERATION	256	257	257	196
MUMBAI DEMAND	2945	2851	2674	1643
STATE DEMAND MET	14489	13768	15056	12112
STATE DEMAND	14528	13805	15093	12149
Frequency (Hz)	50.04	50.06	49.99	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 09:05 Hrs	49.87 Hz at 19:42 Hrs	50.05	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 24/Jun/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.44	67.20	150	134
Unit 6	0.00	0.00	0	0
Unit 7	3.49	54.89	160	130
Total	6.94	122.08		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.99	49.11	170	160
Unit 4	9.15	225.58	400	360
Unit 5	9.04	198.78	390	330
Total	22.18	473.47		
Parli				
Unit 3	0.00	46.98	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.54	85.22	152	134
Unit 6	4.78	112.54	213	194
Unit 7	4.67	112.29	209	184
Total	12.99	357.03		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.18	75.14	140	115
Unit 3	1.73	84.76	150	0
Unit 4	3.83	94.00	168	142
Unit 5	0.39	208.95	288	0
Unit 6	0.00	84.60	0	0
Unit 7	7.16	165.20	330	264
Total	16.29	712.67		
Paras				
Unit 3	4.95	117.56	213	199
Unit 4	4.50	118.90	206	165
Total	9.45	236.46		
Khaparkheda				
Unit 1	0.00	70.28	0	0
Unit 2	3.19	82.84	155	115
Unit 3	3.51	95.47	158	126
Unit 4	0.00	72.34	0	0
Unit 5	8.98	198.54	387	350
Total	15.68	519.48		
Nasik				
Unit 3	4.16	108.69	190	165
Unit 4	4.32	78.92	189	172
Unit 5	4.36	107.76	192	170
Total	12.84	295.37		
Uran				
All Units	4.22	131.66	261	131
Total	4.22	131.66		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.00	1.94	0	0
Total	0.00	1.94		
Koyna				
Stage 1-2	1.38	72.68	200	35
Stage 4	0.00	44.87	0	0
Stage 3	1.45	32.11	160	0
Total	2.83	149.66		
Hydro				
KDPH	0.00	5.97	0	0
VTRNA	0.00	9.21	0	0
TILLARI	0.76	4.05	59	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.58	5.45	81	0
RNGR+BHTSA	0.00	3.78	0	0
BHANDARDRA	0.80	2.07	37	0
ELDARY	0.00	1.04	0	0
SMLHY_PTN	0.13	5.04	12	2
GHATGHAR	1.56	21.76	250	0
Total	3.82	58.37		
Wind				
Total	37.68	526.22	0	0
Total	37.68	526.22		
CPP				
APML(Mus)	42.22	1240.08	0	0
JSWEL(Mus)	14.99	369.81	0	0
VIPL(Mus)	9.15	242.15	0	0
RPLAMT(Mus)	5.87	130.22	0	0
WPCL(Mus)	2.65	130.32	0	0
Other(Mus)	3.20	113.91	0	0
Total	78.08	2226.50		
SOLAR				
Total	0.81	22.60	0	0
Total	0.81	22.60		
Tata				
Trombay 5	7.92	215.73	412	286
Trombay 6	0.00	13.80	0	0
Trombay 7A	1.43	36.72	60	59
Trombay 7B	1.17	28.17	49	48
Trombay 8	5.26	123.10	237	198
TATA Hydro	5.83	81.39	387	0
Total	21.62	498.91		
R-INFRA				
1-2	5.82	242.35	257	196
Total	5.82	242.35		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	96.35	2716.56
MSPGCL Thml+Gas	100.58	2848.22

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	6.65	208.03
MSPGCL Total	107.23	3056.25

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.38	117.55
State Total	251.23	6572.82

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	4153	139	261	4553	1283	3241	0	2472	2792	-1019	10850	56	10906	1884	12790	49.99
2	3991	167	257	4415	1282	3132	0	1777	2821	-839	10811	37	10848	1742	12590	49.97
3	3901	112	256	4269	1192	3050	0	1801	2728	-795	10444	37	10481	1670	12151	50.01
4	3906	120	251	4277	1169	3053	0	2179	2796	-826	10469	37	10506	1643	12149	50.06
5	3900	125	248	4273	1258	3084	0	2312	2772	-835	10552	37	10589	1654	12243	50.07
6	3910	125	250	4285	1268	3111	0	2521	2844	-915	10593	38	10631	1770	12401	50.01
7	3871	243	170	4284	1252	3212	1	2646	3624	-904	11469	38	11507	1895	13402	50.05
8	3956	280	132	4368	1324	3345	18	3206	3377	-1027	11405	38	11443	2072	13515	50.10
9	4030	285	133	4448	1566	3296	42	3621	3650	-1314	11688	41	11729	2408	14137	50.05
10	4036	286	132	4454	1693	3279	61	4065	3585	-1590	11482	41	11523	2742	14265	50.15
11	4014	278	131	4423	1743	3128	68	3600	3875	-1693	11544	39	11583	2945	14528	50.04
12	4037	313	132	4482	1721	3194	136	3216	3007	-1603	10937	37	10974	2984	13958	50.08
13	3957	285	132	4374	1742	3129	111	3070	2845	-1566	10635	37	10672	2965	13637	50.08
14	4026	199	133	4358	1661	3129	106	2458	2447	-1529	10172	37	10209	2882	13091	50.06
15	4037	210	131	4378	1601	3120	110	2886	2425	-1538	10096	37	10133	2868	13001	50.06
16	4055	149	131	4335	1500	3212	67	3118	2819	-1527	10406	37	10443	2864	13307	50.06
17	4076	234	131	4441	1556	3234	57	2580	3141	-1512	10917	37	10954	2851	13805	50.06
18	4099	463	133	4695	1524	3307	26	2646	2755	-1487	10820	37	10857	2809	13666	50.05
19	4079	352	131	4562	1773	3366	4	3260	3285	-1417	11573	37	11610	2734	14344	50.08
20	4046	450	150	4646	1793	3462	0	3566	3849	-1368	12382	37	12419	2674	15093	49.99
21	4066	495	178	4739	1983	3418	0	3401	3575	-1293	12422	37	12459	2597	15056	50.03
22	4077	494	188	4759	1945	3525	0	3116	3486	-1228	12487	37	12524	2468	14992	50.03
23	4084	434	208	4726	1986	3519	0	2673	2904	-1206	11929	37	11966	2337	14303	50.06
24	4047	414	224	4685	1867	3533	0	2272	2586	-1177	11494	37	11531	2187	13718	50.07
MUs	96.35	6.65	4.22	107.23	37.68	78.08	0.81	68.46	73.99	-30.21	267.58	0.92	268.50	57.64	326.14	50.05

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 24/Jun/2015

Position as on 6.30 Hrs of 25/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	25/06/2015	00.54	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 T/F Burst	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	21/06/2015	12.05	24/06/2015	06.05	P A Fan A Problem.	
RINFRA-G	REL Unit 1	250	22/06/2015	12.21		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-4	270	22/06/2015	13.24	24/06/2015	15.22	Flame Failure.	
MSPGCL	Khaparkheda Unit 1	210	23/06/2015	01.23		Continued.	Boiler Validity Renevoation	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 24/Jun/2015

Position as on 6.30 Hrs of 25/Jun/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 5	500	24/06/2015	01.23		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 8	108	24/06/2015	06:35	24/06/2015	19.17	Boiler Drain line Leakage.	
MSPGCL	Uran Unit B0	120	24/06/2015	06:35	24/06/2015	23.16	Boiler Drain line Leakage.	
MSPGCL	Koyana Unit 3	75	24/06/2015	07.20	24/06/2015	16.50	Preventive Maintenance Work	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 25/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
Karad Solapur (PG)	InterState	23/06/2015	09.23		Continued.	HT	Over Voltage
Kolhapur Mapusa II	InterState	23/06/2015	13.09		Continued.	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	24/06/2015	05.06		Continued.	T	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 Koyna - Dabhol-I	IntraState	08/06/2015	10.05		Continued.	PO	Outage (RFC 16.07Hrs)
New Koyna - Koyna Stage IV-II	IntraState	15/06/2015	14.58		Continued.	PO	Taken on TBC to Attend Oil Leakage on Own CB.
karad -kolhapur-I	IntraState	20/06/2015	16.29		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	20/06/2015	17.10		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	21/06/2015	17.37		Continued.	T	Distance Protection R Ph E/F,AR Lockout @ Bblr End.
Babhaleshwar-Taptitanda ckt-II	IntraState	23/06/2015	16.53		Continued.	PO	E/W restringing work.
Bhusawal-Aurangabad	IntraState	23/06/2015	17.40		Continued.	HT	Over Voltage
Padghe - Kharghar	IntraState	24/06/2015	01.26	24/06/2015	09.22	T	B-Bus,Bus Bar Optd.at Kharghar.
Dhule - Bableswhar - li	IntraState	24/06/2015	03.59	24/06/2015	08.48	T	Over Voltage
karad -kolhapur-II	IntraState	24/06/2015	04.10		Continued.	T	Over Voltage
Padghe - Kharghar	IntraState	24/06/2015	09.51	24/06/2015	16.19	EO	To attend Hot Spot
Lonikand I - Koyna stage-IV	IntraState	24/06/2015	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
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	24/06/2015	01.26	24/06/2015	03.32	T	B-Bus,Bus Bar Optd.at Kharghar
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	24/06/2015	04.01	24/06/2015	04.45	T	NDR.
400/220/33kv, 500 MVA ICT-I @Khaparkheda	IntraState	24/06/2015	10.06	24/06/2015	13.49	PO	Routine Maintenance Work
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	24/06/2015	12.42	24/06/2015	18.03	PO	Testing Work
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/06/2015	12.06	24/06/2015	16.51	PO	Distance Relay Testing Work
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.
Butibori - VIPL Ckt II	IntraState	24/06/2015	10.28	24/06/2015	16.04	PO	Replacement of Line Isolator
Eklahara(Gcr)(Nasik)- Bableswhar 2	IntraState	24/06/2015	10.44	24/06/2015	14.38	EO	To attend Hot Spot
Dondaicha(220)-Amalner(220)	IntraState	24/06/2015	16.20	24/06/2015	21.17	PO	Flashed string replacement
Talandge-Mudshingi Ckt-I	IntraState	24/06/2015	17.27	24/06/2015	19.25	EO	Repl.of Faulty compressor of C.B.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault

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 24/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 25/Jun/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 200 Mva Bbl Ict 1 @Beed	IntraState	24/06/2015	10.10	24/06/2015	19.28	PO	Repl.of Diff.relay
220/132 Kv 200 Mva Vijay Ict 2 @Chalisgaon	IntraState	24/06/2015	10.45	24/06/2015	20.03	PO	Relay Retrofitting Work by Testing