

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Jun/2015 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	103.567	2620.205	1) Gujrat	1.825	45.009
2) Hydro	7.361	201.378	2) Madhya Pradesh	11.842	295.652
3) Gas	4.295	127.434	3) Chattisgarh	5.110	101.410
Total MSPGCL	115.223	2949.017	4) Maharashtra Net	69.218	2019.594
B) 1) APML	43.920	1197.860	5) Goa	-6.465	-149.548
2) JSWEL	15.071	354.822	6) TAPS 1&2 Injection	3.050	53.967
3) VIPL	9.217	233.005	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	4.330	124.350	8) Pench (MS)	0.025	1.939
5) WPCL	2.670	127.672	9) Pench (Excess)	0.000	-1.318
6) Other IPP	3.421	110.708	Total	84.580	2364.766
C) 1) TPCL Thermal	12.426	339.439	a) Mumbai Schedule	21.103	565.130
2) TPCL Hydro	5.321	75.561	b) Mumbai Drawl	29.936	654.700
3) TPCL Gas	2.593	62.290	c) MSEDCL Bilateral *	16.643	636.638
4) R-INFRA Thermal	5.864	236.527	Include PX	-6.476	-22.093
D) STATE			d) Mumbai Bilateral *	21.103	561.680
1) Thermal	200.486	5344.588	Include PX	0.772	33.047
(A1+C1+C4+(B1-B6))			Include Standby	0.000	3.450
2) Hydro	12.682	276.939	H) ENERGY CATERED (MUs)		
3) Gas	6.888	189.724	1) MSEDCL	278.336	7319.217
4) Wind	29.196	488.543	2) Mumbai Discoms	56.141	1368.492
6) SOLAR	0.644	21.791	TOTAL STATE	334.477	8687.709
TOTAL STATE	249.896	6321.585			

* 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 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4322	4333	4275	4310
MSPGCL Hydro	198	277	551	121
MSPGCL Gas	118	124	140	248
MSPGCL Total Generation	4638	4734	4966	4679
Central Sector Receipt	4167	3713	4533	2728
WIND	1232	1263	1357	1152
CPP / IPP	3574	3164	3389	3040
SOLAR	90	32	0	0
Exchange with Mumbai	-1641	-1480	-1311	-738
MSEDCL DEMAND MET	12060	11426	12934	10861
Load Shedding	41	32	33	38
MSEDCL DEMAND	12101	11458	12967	10899
TPCL GENERATION	964	1000	941	740
R-INFRA GENERATION	253	257	258	198
MUMBAI DEMAND	2858	2737	2510	1676
STATE DEMAND MET	14918	14163	15444	12537
STATE DEMAND	14959	14195	15477	12575
Frequency (Hz)	50.01	50.06	49.96	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 09.05 Hrs	49.79 Hz at 19.49 Hrs	50	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 23/Jun/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.44	63.75	150	135
Unit 6	0.00	0.00	0	0
Unit 7	3.54	51.40	160	130
Total	6.98	115.15		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.02	45.12	170	160
Unit 4	9.11	216.43	400	360
Unit 5	9.14	189.75	390	360
Total	22.26	451.30		
Parli				
Unit 3	0.00	46.98	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.53	81.68	152	140
Unit 6	4.49	107.76	200	161
Unit 7	4.54	107.62	194	184
Total	12.56	344.04		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	2.95	71.96	130	114
Unit 3	0.00	83.03	0	0
Unit 4	3.86	90.17	166	155
Unit 5	7.86	208.56	345	307
Unit 6	0.00	84.60	0	0
Unit 7	6.98	158.04	328	250
Total	21.65	696.38		
Paras				
Unit 3	4.91	112.61	216	198
Unit 4	4.53	114.40	204	162
Total	9.43	227.01		
Khaparkheda				
Unit 1	0.09	70.28	80	0
Unit 2	3.30	79.64	165	115
Unit 3	4.30	91.96	184	150
Unit 4	0.00	72.34	0	0
Unit 5	9.87	189.56	430	349
Total	17.55	503.79		
Nasik				
Unit 3	4.32	104.53	190	170
Unit 4	4.42	74.61	188	178
Unit 5	4.39	103.40	188	170
Total	13.13	282.54		
Uran				
All Units	4.30	127.43	253	118
Total	4.30	127.43		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.02	1.94	22	0
Total	0.02	1.94		
Koyna				
Stage 1-2	2.22	71.30	410	40
Stage 4	0.70	44.87	234	0
Stage 3	1.39	30.66	160	0
Total	4.31	146.83		
Hydro				
KDPH	0.00	5.97	0	0
VTRNA	0.39	9.21	61	0
TILLARI	1.10	3.30	64	39
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	4.86	80	0
RNGR+BHTSA	0.00	3.78	0	0
BHANDARDRA	0.21	1.27	34	0
ELDARY	0.00	1.04	0	0
SMLHY_PTN	0.12	4.91	12	2
GHATGHAR	0.81	20.20	217	0
Total	3.05	54.55		
Wind				
Total	29.20	488.54	0	0
Total	29.20	488.54		
CPP				
APML(Mus)	43.92	1197.86	0	0
JSWEL(Mus)	15.07	354.82	0	0
VIPL(Mus)	9.22	233.00	0	0
RPLAMT(Mus)	4.33	124.35	0	0
WPCL(Mus)	2.67	127.67	0	0
Other(Mus)	3.42	110.71	0	0
Total	78.63	2148.42		
SOLAR				
Total	0.64	21.79	0	0
Total	0.64	21.79		
Tata				
Trombay 5	7.54	207.81	339	303
Trombay 6	0.00	13.80	0	0
Trombay 7A	1.43	35.29	60	59
Trombay 7B	1.16	27.00	49	47
Trombay 8	4.88	117.83	233	195
TATA Hydro	5.32	75.56	400	0
Total	20.34	477.29		
R-INFRA				
1-2	5.86	236.53	258	197
Total	5.86	236.53		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	103.57	2620.20
MSPGCL Thml+Gas	107.86	2747.64

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.36	201.38
MSPGCL Total	115.22	2949.02

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.92	116.17
State Total	249.90	6321.58

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	4387	152	247	4786	1157	3154	0	2910	3072	-1102	11067	51	11118	1953	13071	49.94
2	4343	116	246	4705	1141	3082	0	2743	2888	-917	10899	38	10937	1770	12707	49.96
3	4310	121	248	4679	1152	3040	0	2405	2728	-738	10861	38	10899	1676	12575	49.93
4	4310	111	248	4669	1186	3110	0	2391	3014	-809	11170	38	11208	1658	12866	49.98
5	4319	97	249	4665	1155	3128	0	2457	3165	-846	11267	38	11305	1667	12972	49.98
6	4337	277	251	4865	1152	3303	0	2464	3103	-878	11545	40	11585	1748	13333	49.99
7	4354	487	252	5093	1092	3378	3	2746	3537	-846	12257	40	12297	1848	14145	49.99
8	4357	237	253	4847	1149	3450	30	3428	3903	-939	12440	40	12480	2009	14489	49.99
9	4359	170	250	4779	1210	3396	60	3718	4057	-1177	12325	43	12368	2308	14676	50.04
10	4298	137	118	4553	1330	3368	96	4263	4041	-1496	11892	43	11935	2627	14562	50.06
11	4322	198	118	4638	1232	3574	90	3791	4167	-1641	12060	41	12101	2858	14959	50.01
12	4313	194	120	4627	1059	3482	72	3758	4256	-1652	11844	39	11883	2923	14806	50.01
13	4324	153	120	4597	1120	3059	72	3651	3637	-1561	10924	39	10963	2899	13862	50.05
14	4284	92	119	4495	1214	3116	62	3404	3088	-1561	10414	33	10447	2772	13219	50.04
15	4322	267	119	4708	1196	3186	57	3369	3436	-1562	11021	32	11053	2750	13803	49.99
16	4319	253	122	4694	1230	3150	54	3041	3343	-1519	10952	32	10984	2732	13716	50.04
17	4333	277	124	4734	1263	3164	32	2986	3713	-1480	11426	32	11458	2737	14195	50.06
18	4365	1000	123	5488	1139	3300	16	2495	2783	-1441	11285	32	11317	2706	14023	50.04
19	4314	877	120	5311	1319	3546	0	2653	3487	-1408	12255	32	12287	2653	14940	50.07
20	4316	742	139	5197	1304	3403	0	3378	4161	-1381	12684	33	12717	2610	15327	49.97
21	4275	551	140	4966	1357	3389	0	3809	4533	-1311	12934	33	12967	2510	15477	49.96
22	4261	309	160	4730	1365	3337	0	3504	4130	-1240	12322	33	12355	2402	14757	49.95
23	4260	294	179	4733	1329	3256	0	3038	3357	-1254	11421	33	11454	2237	13691	49.94
24	4185	249	230	4664	1345	3258	0	2670	2983	-1177	11073	33	11106	2087	13193	49.98
MUs	103.57	7.36	4.29	115.22	29.20	78.63	0.64	75.07	84.58	-29.94	278.34	0.89	279.22	56.14	335.36	50.00

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 23/Jun/2015

Position as on 6.30 Hrs of 24/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								
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.	
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 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		Continued.	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 23/Jun/2015

Position as on 6.30 Hrs of 24/Jun/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koyana Unit 4	75	23/06/2015	08.05	23/06/2015	22.20	P.M.Work.	
MSPGCL	Uran Unit 5	108	23/06/2015	09.03	23/06/2015	19.38	HP feed water pump trip.	
MSPGCL	Uran Unit A0	120	23/06/2015	09.03	23/06/2015	23.39	HP feed water pump trip.	
MSPGCL	Chandrapur Unit 5	500	24/06/2015	01.23		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 24/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 II	InterState	22/06/2015	16.51	23/06/2015	09.47	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	22/06/2015	22.52	23/06/2015	08.53	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
Bhusawal-Aurangabad	IntraState	21/06/2015	13.10	23/06/2015	10.23	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.
Lonikand I - Koyna stage-IV	IntraState	22/06/2015	22.04	23/06/2015	06.46	HT	Over Voltage
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		Continued.	T	B-Bus,Bus Bar Optd.at Kharghar.
Dhule - Bableshwar - li	IntraState	24/06/2015	03.59		Continued.	T	Over Voltage
karad -kolhapur-II	IntraState	24/06/2015	04.10		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.
400/220/33 Kv 315 Mva ICT II @Chandrapur	IntraState	21/06/2015	20.45		Continued.	T	Differential protection
400/220/33kv, 500 Mva Ict-2 @Khaparkheda	IntraState	23/06/2015	12.15	23/06/2015	13.44	PO	CTR Work.
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.
220 KV LINE Outages/Trippings							
Borivali - Tarapur	InterState	23/06/2015	00.56	23/06/2015	22.08	T	Distance Protection
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.
Bableshwar Ahamadnagar-li	IntraState	23/06/2015	09.46	23/06/2015	16.51	PO	Attending Hot Spot
Pedhambe - Oni	IntraState	23/06/2015	09.59	23/06/2015	15.55	T	Distance Protection
Apta - Hoc	IntraState	23/06/2015	12.50	23/06/2015	18.50	PO	Y-Ph CT Replacement.
Oni Kharepatan Line	IntraState	23/06/2015	13.00	23/06/2015	15.18	PO	Broken E/W Removed.
Kandalgaon - Sona Alloys	IntraState	23/06/2015	21.30	23/06/2015	22.20	T	Distance Protection
220 KV ICT Outages/Trippings							

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 23/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 24/Jun/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132/11 Kv 200 Mva Trans & Rect Ict 1 @Amravati	IntraState	23/06/2015	09.01	23/06/2015	11.55	PO	Covering of Bucholz,Q.M.Work.
220/132 Kv 200 Mva Girwali Ict 1 @Girwali	IntraState	23/06/2015	09.53	23/06/2015	14.20	PO	Attending Oil Leakage
220/100 Kv 200 MVA ICT I @Pal- Dombivali	IntraState	23/06/2015	11.46	23/06/2015	14.05	PO	Plastic wrapping work.
220/132/11 Kv 200 Mva Cgl Ict 2 @Amravati	IntraState	23/06/2015	13.01	23/06/2015	15.20	PO	Covering of Bucholz,Q.M.Work.
100 KV LINE Outages/Trippings							
Padghe - Ambarnath	IntraState	23/06/2015	01.37	23/06/2015	13.56	T	B-Ph LA Burst at Padgha.

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