

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Jun/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	102.114	2516.638	1) Gujrat	1.487	43.184
2) Hydro	5.336	194.017	2) Madhya Pradesh	8.713	283.810
3) Gas	5.999	123.139	3) Chattisgarh	4.460	96.300
Total MSPGCL	113.449	2833.794	4) Maharashtra Net	62.914	1950.376
B) 1) APML	43.200	1153.940	5) Goa	-6.770	-143.083
2) JSWEL	14.990	339.751	6) TAPS 1&2 Injection	3.054	50.917
3) VIPL	9.208	223.788	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	6.570	120.020	8) Pench (MS)	0.025	1.914
5) WPCL	2.544	125.002	9) Pench (Excess)	-0.025	-1.318
6) Other IPP	3.667	107.287	Total	73.833	2280.186
C) 1) TPCL Thermal	12.795	327.013	a) Mumbai Schedule	20.317	544.027
2) TPCL Hydro	4.822	70.240	b) Mumbai Drawl	27.696	624.764
3) TPCL Gas	2.594	59.697	c) MSEDCL Bilateral *	19.910	619.995
4) R-INFRA Thermal	8.122	230.663	Include PX	-5.334	-15.617
D) STATE			d) Mumbai Bilateral *	19.367	540.577
1) Thermal	203.210	5144.102	Include PX	0.082	32.275
(A1+C1+C4+(B1-B6))			Include Standby	0.950	3.450
2) Hydro	10.158	264.257	H) ENERGY CATERED (MUs)		
3) Gas	8.593	182.836	1) MSEDCL	274.219	7040.881
4) Wind	33.717	459.347	2) Mumbai Discoms	56.028	1312.351
6) SOLAR	0.737	21.147	TOTAL STATE	330.247	8353.232
TOTAL STATE	256.415	6071.689			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4269	4346	4321	4129
MSPGCL Hydro	140	130	205	54
MSPGCL Gas	257	259	245	248
MSPGCL Total Generation	4666	4735	4771	4431
Central Sector Receipt	3752	3353	3912	2154
WIND	1513	1482	1660	1139
CPP / IPP	3523	3241	3423	3311
SOLAR	100	101	0	0
Exchange with Mumbai	-1338	-1615	-1421	-545
MSEDCL DEMAND MET	12216	11297	12345	10490
Load Shedding	44	40	33	40
MSEDCL DEMAND	12260	11337	12378	10530
TPCL GENERATION	896	964	939	621
R-INFRA GENERATION	421	326	256	395
MUMBAI DEMAND	2655	2905	2616	1561
STATE DEMAND MET	14871	14202	14961	12051
STATE DEMAND	14915	14242	14994	12091
Frequency (Hz)	50.04	50.07	49.93	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.26 Hz at 13:03 Hrs	49.66 Hz at 16:26 Hrs	49.98	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 22/Jun/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.57	60.31	155	145
Unit 6	0.00	0.00	0	0
Unit 7	3.92	47.85	170	159
Total	7.48	108.17		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.96	41.10	175	155
Unit 4	9.11	207.32	400	360
Unit 5	8.82	180.62	390	320
Total	21.89	429.04		
Parli				
Unit 3	0.00	46.98	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.52	78.15	152	143
Unit 6	3.96	103.27	202	125
Unit 7	2.70	103.08	195	0
Total	10.18	331.48		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	2.89	69.02	145	112
Unit 3	0.00	83.03	0	0
Unit 4	3.30	86.31	160	110
Unit 5	8.18	200.70	377	300
Unit 6	0.00	84.60	0	0
Unit 7	7.96	151.06	365	264
Total	22.33	674.73		
Paras				
Unit 3	4.48	107.71	206	153
Unit 4	4.02	109.87	199	0
Total	8.49	217.58		
Khaparkheda				
Unit 1	2.50	70.20	130	40
Unit 2	2.85	76.35	140	100
Unit 3	4.14	87.66	185	170
Unit 4	0.00	72.34	0	0
Unit 5	9.29	179.69	420	335
Total	18.78	486.24		
Nasik				
Unit 3	4.29	100.22	185	175
Unit 4	4.34	70.18	187	173
Unit 5	4.33	99.01	186	173
Total	12.96	269.41		
Uran				
All Units	6.00	123.14	259	243
Total	6.00	123.14		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.02	1.91	13	0
Total	0.02	1.91		
Koyna				
Stage 1-2	1.39	69.07	195	40
Stage 4	0.41	44.18	195	0
Stage 3	1.51	29.27	160	0
Total	3.31	142.52		
Hydro				
KDPH	0.00	5.97	0	0
VTRNA	0.00	8.82	0	0
TILLARI	0.27	2.20	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.71	4.44	80	0
RNGR+BHTSA	0.00	3.78	0	0
BHANDARDRA	0.12	1.06	6	5
ELDARY	0.00	1.04	0	0
SMLHY_PTN	0.11	4.80	11	2
GHATGHAR	0.81	19.39	167	0
Total	2.03	51.50		
Wind				
Total	33.72	459.35	0	0
Total	33.72	459.35		
CPP				
APML(Mus)	43.20	1153.94	0	0
JSWEL(Mus)	14.99	339.75	0	0
VIPL(Mus)	9.21	223.79	0	0
RPLAMT(Mus)	6.57	120.02	0	0
WPCL(Mus)	2.54	125.00	0	0
Other(Mus)	3.67	107.29	0	0
Total	80.18	2069.79		
SOLAR				
Total	0.74	21.15	0	0
Total	0.74	21.15		
Tata				
Trombay 5	7.79	200.26	393	311
Trombay 6	0.00	13.80	0	0
Trombay 7A	1.43	33.86	60	59
Trombay 7B	1.16	25.84	49	47
Trombay 8	5.00	112.95	238	197
TATA Hydro	4.82	70.24	403	0
Total	20.21	456.95		
R-INFRA				
1-2	8.12	230.66	511	253
Total	8.12	230.66		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	102.11	2516.64
MSPGCL Thml+Gas	108.11	2639.78

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.34	194.02
MSPGCL Total	113.45	2833.79

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.80	113.24
State Total	256.42	6071.69

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	4243	129	249	4621	1227	3307	0	2665	2490	-739	10906	54	10960	1751	12711	50.08
2	4189	53	250	4492	1248	3261	0	2528	2342	-604	10739	40	10779	1620	12399	50.01
3	4129	54	248	4431	1139	3311	0	2297	2154	-545	10490	40	10530	1561	12091	49.97
4	4168	59	248	4475	1243	3277	0	2254	2298	-528	10765	40	10805	1539	12344	49.97
5	4153	140	247	4540	1263	3242	0	2309	2256	-568	10733	40	10773	1582	12355	49.99
6	4154	133	245	4532	1253	3244	0	2518	2704	-663	11070	41	11111	1676	12787	50.02
7	4159	233	247	4639	1195	3312	1	2829	3201	-797	11551	41	11592	1820	13412	49.99
8	4127	249	247	4623	1305	3488	21	3286	3501	-915	12023	41	12064	2025	14089	50.01
9	4198	132	249	4579	1372	3408	56	3715	3676	-1118	11973	44	12017	2324	14341	50.02
10	4269	140	257	4666	1513	3523	100	4123	3752	-1338	12216	44	12260	2655	14915	50.04
11	4327	170	251	4748	1507	3415	84	4106	3427	-1419	11762	42	11804	2843	14647	50.02
12	4314	216	259	4789	1526	3394	87	3912	3518	-1460	11854	40	11894	2908	14802	49.97
13	4346	130	259	4735	1482	3241	101	3719	3353	-1615	11297	40	11337	2905	14242	50.07
14	4349	172	258	4779	1413	3211	92	2860	3429	-1587	11337	33	11370	2835	14205	50.01
15	4341	355	257	4953	1510	3256	84	2786	2666	-1485	10984	33	11017	2831	13848	49.95
16	4330	355	255	4940	1505	3268	48	2833	2792	-1499	11054	33	11087	2823	13910	49.92
17	4264	330	254	4848	1513	3287	44	2451	2889	-1441	11140	33	11173	2806	13979	49.83
18	4162	461	254	4877	1671	3611	19	2527	2249	-1411	11016	33	11049	2796	13845	49.98
19	4210	280	245	4735	1851	3606	0	2877	2678	-1379	11491	33	11524	2660	14184	49.95
20	4321	205	245	4771	1660	3423	0	3972	3912	-1421	12345	33	12378	2616	14994	49.93
21	4322	205	243	4770	1453	3346	0	3744	3900	-1370	12099	33	12132	2549	14681	49.94
22	4341	303	243	4887	1265	3376	0	3629	4060	-1291	12297	33	12330	2461	14791	49.92
23	4364	437	246	5047	1318	3197	0	3372	3297	-1281	11578	33	11611	2323	13934	49.95
24	4334	395	243	4972	1285	3175	0	3128	3289	-1222	11499	33	11532	2120	13652	49.98
MUs	102.1 1	5.34	6.00	113.45	33.72	80.18	0.74	74.44	73.83	-27.70	274.22	0.91	275.13	56.03	331.16	49.98

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 22/Jun/2015

Position as on 6.30 Hrs of 23/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.	Exication major problem.	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Coal Shortage	
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	22/06/2015	09.04	Bottom Ash Hopper Plate Got Cracked.	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 22/Jun/2015

Position as on 6.30 Hrs of 23/Jun/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Paras Unit 4	250	22/06/2015	16.21	22/06/2015	18.38	Low Vaccum Problem.	
MSPGCL	Khaparkheda Unit 1	210	23/06/2015	01.23		Continued.	Boiler Validity Renevoation	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 23/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.
HVDC Pole-I	IntraState	22/06/2015	01.49	22/06/2015	07.25	T	On Bucholz.
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
Talegaon PG - Aurangabad - II	InterState	20/06/2015	09.55	22/06/2015	22.16	PO	Annual Maintenance Work
Kolhapur Mapusa I	InterState	20/06/2015	16.54	22/06/2015	10.13	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	21/06/2015	13.09	22/06/2015	09.16	HT	Over Voltage
Kolhapur Mapusa II	InterState	22/06/2015	16.51		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	22/06/2015	22.52		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 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-Jaigad - I	IntraState	20/06/2015	17.10		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	21/06/2015	13.10		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.
Lonikand I - Koyna stage-IV	IntraState	21/06/2015	17.45	22/06/2015	06.52	HT	Over Voltage
Karad - Lonikand 1	IntraState	21/06/2015	23.51	22/06/2015	08.49	HT	Over Voltage
Padghe - Nagothane - I	IntraState	22/06/2015	00.23	22/06/2015	06.15	HT	Over Voltage
Dhule- Bableswhar - I	IntraState	22/06/2015	05.28	22/06/2015	17.14	T	On Main-I,Main-II Prot.A/R Lockout Eirth Wire Snapped.
Lonikand I - Koyna stage-IV	IntraState	22/06/2015	22.04	23/06/2015	06.46	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							
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.
Kandalgaon - Koyna	IntraState	21/06/2015	20.32	22/06/2015	20.35	T	Distance Protection,LBB Operated @ Kandalgaon.
Karad -Mudshingi Ckt- IV	IntraState	22/06/2015	00.28	22/06/2015	14.23	PO	Q.M.Work.
Urse-Chinchwad	IntraState	22/06/2015	04.24	22/06/2015	04.32	T	Distance Protection
Pedambe-Pophali	IntraState	22/06/2015	08.45	22/06/2015	17.30	PO	Bus Section Outage.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132 Kv 200 MVA ICT-I @Malegaon	IntraState	22/06/2015	12.20	22/06/2015	12.30	PO	Tap Changing Work.
220/132 Kv 200 Mva Vijay Ict 2 @Malegaon	IntraState	22/06/2015	12.40	22/06/2015	12.59	PO	Tap Changing Work.
132 KV LINE Outages/Trippings							
Akola-Paras Ckt-I	IntraState	22/06/2015	03.38	22/06/2015	04.02	T	Distance Protection

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