

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Jun/2015 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	104.249	2414.524	1) Gujrat	1.453	41.697
2) Hydro	5.445	188.681	2) Madhya Pradesh	10.467	275.097
3) Gas	6.096	117.140	3) Chattisgarh	3.960	91.840
Total MSPGCL	115.790	2720.345	4) Maharashtra Net	66.275	1887.462
B) 1) APML	43.000	1110.740	5) Goa	-5.358	-136.313
2) JSWEL	14.245	324.761	6) TAPS 1&2 Injection	3.056	47.863
3) VIPL	9.186	214.580	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	8.690	113.450	8) Pench (MS)	0.042	1.889
5) WPCL	2.392	122.458	9) Pench (Excess)	-0.042	-1.293
6) Other IPP	3.797	103.620	Total	79.811	2206.353
C) 1) TPCL Thermal	12.348	314.218	a) Mumbai Schedule	17.614	523.711
2) TPCL Hydro	1.111	65.418	b) Mumbai Drawl	19.258	597.068
3) TPCL Gas	2.590	57.103	c) MSEDCL Bilateral *	24.340	600.085
4) R-INFRA Thermal	10.255	222.541	Include PX	-0.490	-10.283
D) STATE			d) Mumbai Bilateral *	17.614	521.211
1) Thermal	208.162	4940.892	Include PX	0.000	32.193
(A1+C1+C4+(B1-B6))			Include Standby	0.000	2.500
2) Hydro	6.556	254.099	H) ENERGY CATERED (MUs)		
3) Gas	8.686	174.243	1) MSEDCL	289.760	6766.637
4) Wind	31.148	425.630	2) Mumbai Discoms	45.562	1256.323
6) SOLAR	0.959	20.410	TOTAL STATE	335.322	8022.960
TOTAL STATE	255.511	5815.274			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	4385	4450	4106	4306
MSPGCL Hydro	562	467	56	136
MSPGCL Gas	252	247	242	252
MSPGCL Total Generation	5199	5164	4404	4694
Central Sector Receipt	3797	3655	3811	2808
WIND	1308	1195	1348	1222
CPP / IPP	3273	3372	3322	3296
SOLAR	111	168	0	0
Exchange with Mumbai	-913	-962	-1042	-924
MSEDCL DEMAND MET	12775	12592	11843	11096
Load Shedding	40	38	32	32
MSEDCL DEMAND	12815	12630	11875	11128
TPCL GENERATION	674	678	696	624
R-INFRA GENERATION	509	507	397	393
MUMBAI DEMAND	2096	2147	2135	1941
STATE DEMAND MET	14871	14739	13978	13037
STATE DEMAND	14911	14777	14010	13069
Frequency (Hz)	50.14	50.04	49.88	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.38 Hz at 09.01 Hrs	49.76 Hz at 19.43 Hrs	50.04	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 21/Jun/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.56	56.75	156	135
Unit 6	0.00	0.00	0	0
Unit 7	3.78	43.94	165	150
Total	7.34	100.68		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.08	37.14	175	165
Unit 4	9.20	198.21	395	370
Unit 5	9.08	171.80	390	360
Total	22.36	407.15		
Parli				
Unit 3	0.00	46.98	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.54	74.63	152	143
Unit 6	3.81	99.31	208	0
Unit 7	2.74	100.39	199	0
Total	10.09	321.30		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	2.84	66.13	146	100
Unit 3	1.32	83.03	130	0
Unit 4	2.81	83.01	143	85
Unit 5	7.92	192.51	370	180
Unit 6	0.00	84.60	0	0
Unit 7	8.25	143.10	375	315
Total	23.15	652.40		
Paras				
Unit 3	4.46	103.23	207	170
Unit 4	4.42	105.86	194	170
Total	8.88	209.09		
Khaparkheda				
Unit 1	2.89	67.69	155	85
Unit 2	3.39	73.50	160	110
Unit 3	4.13	83.53	178	160
Unit 4	0.00	72.34	0	0
Unit 5	8.94	170.40	423	290
Total	19.35	467.46		
Nasik				
Unit 3	4.32	95.92	190	160
Unit 4	4.38	65.84	188	172
Unit 5	4.38	94.68	186	176
Total	13.08	256.45		
Uran				
All Units	6.10	117.14	269	242
Total	6.10	117.14		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.04	1.89	13	0
Total	0.04	1.89		
Koyna				
Stage 1-2	1.30	67.68	140	40
Stage 4	0.00	43.77	0	0
Stage 3	2.05	27.76	240	0
Total	3.34	139.21		
Hydro				
KDPH	0.16	5.97	15	0
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.	0.00	3.73	0	0
RNGR+BHTSA	0.00	3.78	0	0
BHANDARDRA	0.21	0.94	9	8
ELDARY	0.00	1.04	0	0
SMLHY_PTN	0.20	4.68	9	8
GHATGHAR	1.53	18.58	250	0
Total	2.10	49.47		
Wind				
Total	31.15	425.63	0	0
Total	31.15	425.63		
CPP				
APML(Mus)	43.00	1110.74	0	0
JSWEL(Mus)	14.24	324.76	0	0
VIPL(Mus)	9.19	214.58	0	0
RPLAMT(Mus)	8.69	113.45	0	0
WPCL(Mus)	2.39	122.46	0	0
Other(Mus)	3.80	103.62	0	0
Total	81.31	1989.61		
SOLAR				
Total	0.96	20.41	0	0
Total	0.96	20.41		
Tata				
Trombay 5	7.54	192.47	317	312
Trombay 6	0.00	13.80	0	0
Trombay 7A	1.43	32.43	60	59
Trombay 7B	1.16	24.68	49	48
Trombay 8	4.80	107.95	206	192
TATA Hydro	1.11	65.42	150	0
Total	16.05	436.74		
R-INFRA				
1-2	10.26	222.54	513	390
Total	10.26	222.54		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	104.25	2414.52
MSPGCL Thml+Gas	110.34	2531.66

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.44	188.68
MSPGCL Total	115.79	2720.34

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.30	111.45
State Total	255.51	5815.27

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/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	4509	133	254	4896	1551	3280	0	2876	3254	-701	12280	49	12329	1799	14128	49.98
2	4458	73	265	4796	1409	3506	0	2555	2612	-557	11766	37	11803	1665	13468	50.00
3	4447	83	269	4799	1293	3723	0	2419	2339	-504	11650	37	11687	1589	13276	49.98
4	4442	83	256	4781	1304	3637	0	2419	2704	-484	11942	37	11979	1557	13536	50.00
5	4453	83	257	4793	1221	3609	0	2553	2786	-497	11912	37	11949	1566	13515	50.01
6	4420	83	257	4760	1174	3615	0	2938	3165	-539	12175	39	12214	1600	13814	50.07
7	4442	255	257	4954	1263	3570	5	3323	3519	-531	12780	39	12819	1626	14445	50.08
8	4551	313	258	5122	1259	3586	34	3620	3380	-562	12819	39	12858	1703	14561	50.17
9	4535	318	263	5116	1289	3291	78	3669	3903	-672	13005	42	13047	1820	14867	50.19
10	4411	417	258	5086	1367	3273	103	3652	3779	-803	12805	42	12847	1962	14809	50.23
11	4385	562	252	5199	1308	3273	111	3803	3797	-913	12775	40	12815	2096	14911	50.14
12	4405	537	254	5196	1195	3261	151	3757	3733	-916	12620	38	12658	2120	14778	50.01
13	4450	467	247	5164	1195	3372	168	3715	3655	-962	12592	38	12630	2147	14777	50.04
14	4504	395	253	5152	1135	3299	84	3493	3547	-938	12279	31	12310	2088	14398	50.06
15	4216	392	249	4857	1201	3261	73	3856	3622	-983	12031	30	12061	2014	14075	50.03
16	4129	208	247	4584	1361	3288	77	4036	3621	-898	12033	30	12063	1962	14025	50.00
17	4141	141	244	4526	1468	3266	57	3567	3216	-923	11610	30	11640	1937	13577	49.99
18	4101	71	257	4429	1406	3274	18	3118	3285	-947	11465	30	11495	1957	13452	50.04
19	4066	56	255	4377	1530	3294	0	3241	3131	-1019	11313	30	11343	2031	13374	50.07
20	4106	56	242	4404	1348	3322	0	3767	3811	-1042	11843	32	11875	2135	14010	49.88
21	4221	201	250	4672	1316	3259	0	3260	3482	-1012	11717	32	11749	2177	13926	49.94
22	4311	236	252	4799	1076	3357	0	3224	3464	-987	11709	32	11741	2092	13833	50.02
23	4240	146	248	4634	1257	3398	0	3200	3198	-944	11543	32	11575	1978	13553	49.99
24	4306	136	252	4694	1222	3296	0	2997	2808	-924	11096	32	11128	1941	13069	49.99
MUs	104.25	5.45	6.10	115.79	31.15	81.31	0.96	79.06	79.81	-19.26	289.76	0.85	290.62	45.56	336.18	50.04

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 21/Jun/2015

Position as on 6.30 Hrs of 22/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	
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 Got Cracked.	
MSPGCL	Parli Unit 6	250	21/06/2015	14.18	21/06/2015	18.22	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Jun/2015

Statement-VII

Position as on 6.30 Hrs of 22/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
Talegaon PG - Aurangabad - II	InterState	20/06/2015	09.55		Continued.	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 Koyna - 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 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
Lonikand I - Koyna 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 - 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		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	22/06/2015	00.23	22/06/2015	06.15	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.
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

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