

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Jun/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.274	1676.980	1) Gujrat	-2.367	-59.160
2) Hydro	4.662	56.599	2) Madhya Pradesh	9.931	125.383
3) Gas	10.035	99.538	3) Chattisgarh	6.920	91.770
Total MSPGCL	134.971	1833.117	4) Maharashtra Net	100.903	1454.477
B) 1) APML	11.396	166.390	5) Goa (Amona)	-0.616	-9.960
2) JSWEL	19.811	256.233	6) TAPS 1&2 Injection	3.578	46.363
3) VIPL	10.383	151.401	7) RGPPL Injection	11.466	147.001
4) RPL(AMT)	18.471	245.919	8) Pench (MS)	0.037	0.747
5) WPCL	4.556	45.730	9) Pench (Excess)	-0.037	-0.747
6) Other IPP	4.528	59.217	Total	129.778	1795.127
C) 1) TPCL Thermal	17.031	209.787	a) Mumbai Schedule	24.200	356.250
2) TPCL Hydro	3.440	37.062	b) Mumbai Drawl	34.193	457.342
3) TPCL Gas	4.184	39.243	c) MSEDCL Bilateral *	36.001	484.565
4) R-INFRA Thermal	11.779	145.592	Include PX	0.000	20.500
D) STATE			d) Mumbai Bilateral *	24.200	356.250
1) Thermal	218.229	2957.249	Include PX	4.845	81.745
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	8.102	93.661	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	14.219	138.781	1) MSEDCL	345.431	4451.039
4) Wind	44.594	341.178	2) Mumbai Discoms	70.627	889.024
6) SOLAR	1.136	14.069	TOTAL STATE	416.058	5340.063
TOTAL STATE	286.280	3544.938			

* 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 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4840	4854	5283	4725
MSPGCL Hydro	539	521	93	46
MSPGCL Gas	405	414	418	424
MSPGCL Total Generation	5784	5789	5794	5195
Central Sector Receipt	5712	6065	5769	5066
WIND	1938	1926	1981	1523
CPP / IPP	2943	2864	2893	2862
SOLAR	134	112	0	0
Exchange with Mumbai	-1488	-1704	-1447	-1136
MSEDCL DEMAND MET	15023	15052	14990	13510
Load Shedding	6	258	0	0
MSEDCL DEMAND	15029	15310	14990	13510
TPCL GENERATION	1316	1311	1033	742
R-INFRA GENERATION	507	501	513	402
MUMBAI DEMAND	3311	3516	2993	2280
STATE DEMAND MET	18334	18568	17983	15790
STATE DEMAND	18340	18826	17983	15790
Frequency (Hz)	49.98	50.02	49.90	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06.01 Hrs	49.72 Hz at 21.06 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 13/Jun/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.43	42.51	150	132
Unit 6	0.00	0.00	0	0
Unit 7	3.84	48.39	170	133
Unit 8	10.67	156.95	481	406
Total	17.94	247.85		
Bhusawal				
Unit 2	3.35	39.47	145	135
Unit 3	3.92	49.62	165	160
Unit 4	2.03	96.93	360	35
Unit 5	8.63	127.99	370	350
Total	17.94	314.01		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	0.00	44.50	0	0
Unit 4	4.06	54.77	185	161
Unit 5	9.27	105.72	444	355
Unit 6	9.31	126.64	463	350
Unit 7	8.94	107.57	400	360
Unit 8	2.65	17.45	263	11
Total	34.23	456.64		
Paras				
Unit 3	5.35	71.72	250	188
Unit 4	5.41	73.17	252	197
Total	10.76	144.89		
Khaparkheda				
Unit 1	3.46	45.05	155	120
Unit 2	3.79	49.26	175	135
Unit 3	4.04	48.02	186	162
Unit 4	4.18	49.47	180	166
Unit 5	10.74	138.84	500	375
Total	26.22	330.64		
Nasik				
Unit 3	4.43	54.21	195	170
Unit 4	4.26	54.32	184	166
Unit 5	4.50	54.67	195	166
Total	13.20	163.20		
Uran				
All Units	10.04	99.54	433	405
Total	10.04	99.54		
PENCH (MS)				
Pench (MS)	0.04	0.75	23	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	0.75		
Koyna				
Stage 1-2	2.34	20.54	270	40
Stage 4	0.00	9.31	0	0
Stage 3	0.15	7.57	80	0
Total	2.49	37.42		
Hydro				
KDPH	0.00	1.21	0	0
VTRNA	0.00	0.16	0	0
TILLARI	0.00	2.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	2.51	63	0
RNGR+BHTSA	0.00	1.94	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.02	0.42	2	1
GHATGHAR	2.04	10.56	250	0
Total	2.17	19.17		
Wind				
Total	44.59	341.18	0	0
Total	44.59	341.18		
CPP				
APML(Mus)	11.40	166.39	0	0
JSWEL(Mus)	19.81	256.23	0	0
VIPL(Mus)	10.38	151.40	0	0
RPLAMT(Mus)	18.47	245.92	0	0
WPCL(Mus)	4.56	45.73	0	0
Other(Mus)	4.53	59.22	0	0
Total	69.14	924.89		
SOLAR				
Total	1.14	14.07	0	0
Total	1.14	14.07		
Tata				
Trombay 5	11.12	136.29	489	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.66	23.60	115	97
Trombay 7B	1.52	15.64	65	60
Trombay 8	5.92	73.50	250	217
TATA Hydro	3.44	37.06	445	0
Total	24.66	286.09		
R-INFRA				
1-2	11.78	145.59	513	402
Total	11.78	145.59		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	1.37
Koradi 9	0.00	18.36
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	120.27	1676.98
MSPGCL Thml+Gas	130.31	1776.52
MSPGCL Hydro	4.66	56.60

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	134.97	1833.12
Koyna 1,2 & 4 Total	2.34	29.86
State Total	286.28	3544.94

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/Jun/2016

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	5094	172	409	5675	1679	2817	0	4835	5273	-1370	14074	0	14074	2792	16866	49.93
2	5067	41	420	5528	1786	2841	0	4946	4940	-1178	13917	0	13917	2601	16518	49.99
3	4752	46	418	5216	1826	2864	0	5072	4771	-1116	13561	0	13561	2441	16002	49.98
4	4711	51	430	5192	1739	2865	0	4684	5178	-1158	13816	0	13816	2333	16149	49.95
5	4725	46	424	5195	1523	2862	0	4598	5066	-1136	13510	0	13510	2280	15790	49.99
6	5040	51	421	5512	1569	2862	0	4833	5288	-1165	14066	0	14066	2311	16377	50.00
7	5055	41	421	5517	1457	2860	4	5053	5451	-1004	14285	0	14285	2276	16561	50.02
8	5064	46	418	5528	1711	2874	26	5136	5329	-954	14514	0	14514	2373	16887	50.01
9	5044	66	430	5540	1868	3033	71	5394	5171	-1266	14417	0	14417	2689	17106	50.02
10	5011	418	426	5855	1913	3124	112	5741	5233	-1371	14866	2	14868	3071	17939	50.00
11	4840	539	405	5784	1938	2943	134	5840	5712	-1488	15023	6	15029	3311	18340	49.98
12	4892	451	413	5756	1689	2890	141	5744	5581	-1564	14493	13	14506	3428	17934	49.96
13	5049	451	410	5910	1839	2811	142	5837	5631	-1634	14699	15	14714	3441	18155	49.97
14	4838	466	411	5715	1752	2801	141	5582	5778	-1667	14520	11	14531	3382	17913	49.94
15	4856	446	411	5713	1910	2768	132	5793	5839	-1675	14687	201	14888	3473	18361	49.93
16	4854	521	414	5789	1926	2864	112	5932	6065	-1704	15052	258	15310	3516	18826	50.02
17	4864	346	416	5626	2191	2876	80	5673	5785	-1726	14832	229	15061	3452	18513	49.98
18	4968	56	417	5441	2326	2877	34	5020	5473	-1724	14427	0	14427	3311	17738	49.99
19	4996	46	417	5459	2289	2868	7	4704	4283	-1590	13316	0	13316	3108	16424	50.00
20	5004	41	418	5463	2030	2817	0	5420	5662	-1556	14416	0	14416	3047	17463	50.01
21	5283	93	418	5794	1981	2893	0	5593	5769	-1447	14990	0	14990	2993	17983	49.90
22	5370	126	418	5914	1996	2899	0	5457	5344	-1472	14681	0	14681	2947	17628	49.95
23	5418	61	417	5896	1812	2930	0	5486	5688	-1627	14699	0	14699	3031	17730	49.96
24	5479	41	433	5953	1844	2908	0	5507	5468	-1601	14572	0	14572	3020	17592	50.00
MUs	120.27	4.66	10.03	134.97	44.59	69.15	1.14	127.88	129.78	-34.19	345.43	0.74	346.17	70.63	416.79	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 13/Jun/2016

Position as on 6.30 Hrs of 14/Jun/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
CENT.SECTOR	TARAPUR-3	540	23/05/2016	20.30		Continued.	Annual Maintenance Work.	
IPP	JSW (J) U2	300	01/06/2016	00.30		Continued.	Annual Maintenance Work.	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		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	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No Schedule	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
IPP	Adani U-3	660	20/04/2016	03.33		Continued.	Furnace Pressure High	
IPP	Adani U-5	660	05/05/2016	23.09		Continued.	Due to Unavailblity of Water.	
RGPL	Dabhol 3A	230	07/05/2016	18.44		Continued.	Low Vaccum	
IPP	Adani U-1	660	13/05/2016	22.53		Continued.	Water Shortage	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule From MSEDCL	
MSPGCL	Uran Unit 7	108	24/05/2016	17.42		Continued.	Generation Bearing Vibration High.	
IPP	Adani U-2	660	25/05/2016	21.22		Continued.	Water Shortage.	
MSPGCL	Bhusawal Unit 4	500	10/06/2016	09.00	13/06/2016	16.33	BTL	
MSPGCL	Chandrapur Unit-8	500	10/06/2016	12.38	13/06/2016	10.50	Due to Station T/F trip.	
MSPGCL	Chandrapur Unit 3	210	11/06/2016	23.54		Continued.	ID Fan Problem	
MSPGCL	Chandrapur Unit 9	500	12/06/2016	18.13		Continued.	Low furnace pressure	
RGPL	Dabhol 2A	230	12/06/2016	19.58		Continued.	Combustion Chamber problem	
RGPL	Dabhol 2X	290	12/06/2016	19.59	13/06/2016	00.54	Handtripped	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 14/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Kolhapur Solapur (PG) II	InterState	11/06/2016	17.44	13/06/2016	09.27	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	12/06/2016	17.28	13/06/2016	08.31	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	13/06/2016	08.50		Continued.	PO	Line Maint.work(RFC 18.19Hrs)
Kolhapur Solapur (PG) II	InterState	13/06/2016	21.46		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	08/06/2016	16.52		Continued.	HT	Over Voltage
Ektuni-Bableshtar ckt I	IntraState	08/06/2016	19.28		Continued.	HT	To control Load of Padgha-BBLSR Line
Karad-Jaigad - I	IntraState	11/06/2016	16.07		Continued.	HT	Over Voltage
Padghe - Kharghar	IntraState	12/06/2016	06.11		Continued.	T	Distance Protection
Kalwa - Talegaon(PG)	IntraState	12/06/2016	15.10	13/06/2016	16.44	EO	Replace Decapped string
Bhusawal-Aurangabad	IntraState	12/06/2016	17.09	13/06/2016	09.03	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	13/06/2016	17.03	13/06/2016	20.19	PO	Insulator Repl.work
Bhusawal-Aurangabad	IntraState	13/06/2016	17.22		Continued.	HT	Over Voltage
Padghe - Kalwa - I	IntraState	14/06/2016	01.53	14/06/2016	06.00	EO	To attend partially decapped Insulator String near Ambarnath
400 KV ICT Outages/Trippings							
400/220kV 315MVA ICT-I@Parly	IntraState	06/06/2016	09.36		Continued.	PO	Bushing replacement
400/220kV 315MVA ICT-III @ Kharghar	IntraState	13/06/2016	09.20	13/06/2016	17.28	HT	To control Load of 400KV Kalwa-Padgha Line
400/220 KV 315 MVA ICT- I @Koradi	IntraState	13/06/2016	10.23	13/06/2016	19.23	PO	Diagnostic Testing work
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	09/06/2016	09.40		Continued.	PO	Outage.
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 de-energising 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 de-energising the line bet.86 to 107.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Jejuri-Parvati	IntraState	09/06/2016	07.00		Continued.	PO	Pune Ringmain Re-Orientation Work.
Kalwa - Colourchem	IntraState	13/06/2016	08.58	13/06/2016	17.16	HT	To control Load of 400KV Kalwa-Padgha Line
Kalwa 52B Interconnector CB	IntraState	13/06/2016	09.24	13/06/2016	17.01	HT	To control Load of 400KV Kalwa-Padgha Line
Talandage(400kv) - Five Star Midc	IntraState	13/06/2016	09.38	13/06/2016	12.00	PO	Diagnostic Testing work
Nanded-Waghale I	IntraState	13/06/2016	12.35	13/06/2016	15.10	PO	Fixing of suspension clamp at Pilot string
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/132 Kv 150 MVA ICT @Boisar-II	IntraState	05/06/2016	08.53		Continued.	PO	Oil Filtration and repl.of LV Bushing(charged and kept on Humming 19.41Hrs/13-6-16)
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	08/06/2016	20.04		Continued.	HT	Due to Rise in Bus Sectionalizer Current.
220/132 Kv 200mva Alstom Ict 1 @Jalna	IntraState	13/06/2016	09.40	13/06/2016	19.20	PO	CT bushing premansoon Maint.work

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