

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Jun/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.180	1805.160	1) Gujrat	-1.465	-60.625
2) Hydro	3.151	59.750	2) Madhya Pradesh	10.920	136.303
3) Gas	10.072	109.610	3) Chattisgarh	6.870	98.640
Total MSPGCL	141.403	1974.520	4) Maharashtra Net	100.321	1554.798
B) 1) APML	11.230	177.620	5) Goa (Amona)	-0.850	-10.810
2) JSWEL	19.696	275.929	6) TAPS 1&2 Injection	3.578	49.941
3) VIPL	10.105	161.506	7) RGPPL Injection	11.645	158.646
4) RPL(AMT)	18.458	264.377	8) Pench (MS)	0.031	0.778
5) WPCL	4.584	50.314	9) Pench (Excess)	-0.031	-0.778
6) Other IPP	4.703	63.920	Total	130.988	1926.115
C) 1) TPCL Thermal	17.311	227.098	a) Mumbai Schedule	26.392	382.642
2) TPCL Hydro	2.494	39.556	b) Mumbai Drawl	34.868	492.210
3) TPCL Gas	4.249	43.492	c) MSEDCL Bilateral *	36.197	520.761
4) R-INFRA Thermal	12.242	157.834	Include PX	0.000	20.500
D) STATE			d) Mumbai Bilateral *	26.392	382.642
1) Thermal	226.509	3183.758	Include PX	7.324	89.069
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	5.645	99.306	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	14.321	153.102	1) MSEDCL	353.234	4804.273
4) Wind	45.775	386.953	2) Mumbai Discoms	71.162	960.186
6) SOLAR	1.160	15.229	TOTAL STATE	424.396	5764.459
TOTAL STATE	293.410	3838.348			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5237	5278	5435	5179
MSPGCL Hydro	123	108	304	62
MSPGCL Gas	418	407	419	426
MSPGCL Total Generation	5778	5793	6158	5667
Central Sector Receipt	5984	5841	6102	4695
WIND	2054	2294	1824	1643
CPP / IPP	2892	2890	2856	2822
SOLAR	154	112	0	0
Exchange with Mumbai	-1672	-1773	-1485	-951
MSEDCL DEMAND MET	15190	15157	15455	13876
Load Shedding	0	0	0	0
MSEDCL DEMAND	15190	15157	15455	13876
TPCL GENERATION	1274	1163	981	872
R-INFRA GENERATION	500	502	513	514
MUMBAI DEMAND	3446	3438	2979	2337
STATE DEMAND MET	18636	18595	18434	16213
STATE DEMAND	18636	18595	18434	16213
Frequency (Hz)	50.00	50.00	49.98	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06.01 Hrs	49.73 Hz at 19.40 Hrs	49.99	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 14/Jun/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.44	45.95	155	135
Unit 6	0.00	0.00	0	0
Unit 7	3.97	52.35	175	160
Unit 8	10.90	167.85	500	377
Total	18.30	266.16		
Bhusawal				
Unit 2	2.67	42.14	155	0
Unit 3	3.96	53.58	165	165
Unit 4	8.67	105.60	370	350
Unit 5	8.69	136.68	370	355
Total	23.99	338.00		
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	4.13	58.89	190	165
Unit 5	9.15	114.88	440	360
Unit 6	9.12	135.76	440	350
Unit 7	8.93	116.50	401	360
Unit 8	5.86	23.30	276	215
Total	37.19	493.83		
Paras				
Unit 3	5.15	76.87	243	188
Unit 4	5.29	78.46	259	195
Total	10.44	155.33		
Khaparkheda				
Unit 1	3.56	48.60	160	130
Unit 2	3.75	53.02	160	150
Unit 3	4.09	52.11	180	165
Unit 4	3.87	53.35	167	156
Unit 5	9.99	148.83	500	365
Total	25.26	355.91		
Nasik				
Unit 3	4.40	58.60	195	165
Unit 4	4.22	58.53	186	165
Unit 5	4.39	59.06	194	164
Total	13.00	176.20		
Uran				
All Units	10.07	109.61	440	402
Total	10.07	109.61		
PENCH (MS)				
Pench (MS)	0.03	0.78	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	0.78		
Koyna				
Stage 1-2	1.14	21.68	135	40
Stage 4	0.00	9.31	0	0
Stage 3	0.78	8.35	160	0
Total	1.92	39.34		
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.	0.16	2.67	80	0
RNGR+BHTSA	0.22	2.16	10	9
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.09	0.51	4	3
GHATGHAR	0.77	11.32	125	0
Total	1.23	20.41		
Wind				
Total	45.78	386.95	0	0
Total	45.78	386.95		
CPP				
APML(Mus)	11.23	177.62	0	0
JSWEL(Mus)	19.70	275.93	0	0
VIPL(Mus)	10.10	161.51	0	0
RPLAMT(Mus)	18.46	264.38	0	0
WPCL(Mus)	4.58	50.31	0	0
Other(Mus)	4.70	63.92	0	0
Total	68.78	993.67		
SOLAR				
Total	1.16	15.23	0	0
Total	1.16	15.23		
Tata				
Trombay 5	11.35	147.64	489	401
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.71	26.31	115	108
Trombay 7B	1.54	17.18	65	62
Trombay 8	5.96	79.46	250	247
TATA Hydro	2.49	39.56	359	0
Total	24.05	310.15		
R-INFRA				
1-2	12.24	157.83	514	497
Total	12.24	157.83		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 9	0.00	1.37	MSPGCL Thermal	128.18	1805.16	MSPGCL Total	141.40	1974.52
Koradi 9	0.00	18.36	MSPGCL Thml+Gas	138.25	1914.77	Koyna 1,2 & 4 Total	1.14	31.00
Parli 8	0.00	0.00	MSPGCL Hydro	3.15	59.75	State Total	293.41	3838.35

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	5429	52	411	5892	1664	2888	0	5366	5639	-1541	14542	0	14542	2936	17478	49.99
2	5462	57	431	5950	1688	2890	0	5221	5469	-1335	14662	0	14662	2671	17333	50.03
3	5225	52	421	5698	1760	2867	0	5185	4597	-1171	13751	0	13751	2505	16256	50.01
4	5213	52	422	5687	1628	2826	0	4628	4753	-1013	13881	0	13881	2381	16262	50.03
5	5179	62	426	5667	1643	2822	0	4339	4695	-951	13876	0	13876	2337	16213	50.04
6	5281	52	431	5764	1517	2862	0	4493	4924	-945	14122	0	14122	2356	16478	50.01
7	5671	68	410	6149	1571	2898	4	5128	5061	-885	14798	0	14798	2307	17105	50.06
8	5706	53	431	6190	1662	2906	30	5270	5263	-973	15078	0	15078	2399	17477	50.05
9	5666	68	440	6174	1910	2910	66	5641	5464	-1368	15156	0	15156	2796	17952	50.04
10	5356	68	414	5838	2031	2944	103	5921	5677	-1617	14976	0	14976	3073	18049	50.00
11	5294	133	415	5842	2028	2899	128	6054	5963	-1668	15192	0	15192	3294	18486	49.98
12	5237	123	418	5778	2054	2892	154	5645	5984	-1672	15190	0	15190	3446	18636	50.00
13	5244	58	413	5715	1836	2899	166	5571	5900	-1681	14835	0	14835	3447	18282	49.98
14	5254	58	404	5716	2053	2888	159	5634	5659	-1742	14733	0	14733	3405	18138	50.00
15	5280	53	414	5747	2250	2892	118	5883	5843	-1789	15061	0	15061	3448	18509	49.97
16	5278	108	407	5793	2294	2890	112	5763	5841	-1773	15157	0	15157	3438	18595	50.00
17	5246	178	412	5836	2332	2856	79	5693	5509	-1781	14831	0	14831	3429	18260	49.96
18	5198	178	433	5809	2310	2769	35	4847	5031	-1759	14195	0	14195	3324	17519	49.97
19	5214	239	402	5855	2173	2773	6	4802	4553	-1646	13714	0	13714	3081	16795	49.96
20	5077	268	427	5772	1977	2788	0	5185	5682	-1484	14735	0	14735	3077	17812	49.85
21	5161	431	418	6010	1943	2848	0	5355	5840	-1454	15187	0	15187	3052	18239	49.93
22	5435	304	419	6158	1824	2856	0	5500	6102	-1485	15455	0	15455	2979	18434	49.98
23	5536	218	431	6185	1835	2855	0	5655	5843	-1563	15155	0	15155	2985	18140	49.99
24	5538	218	422	6178	1792	2858	0	5672	5697	-1572	14953	0	14953	2998	17951	49.99
MUs	128.18	3.15	10.07	141.40	45.77	68.78	1.16	128.45	130.99	-34.87	353.24	0.00	353.24	71.16	424.40	49.99

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 14/Jun/2016

Position as on 6.30 Hrs of 15/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	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	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 15/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							
Dhule Sar'Sarovar II	InterState	13/06/2016	08.50	14/06/2016	07.07	PO	Line Maint.work(RFC 18.19Hrs)
Kolhapur Solapur (PG) II	InterState	13/06/2016	21.46	14/06/2016	07.28	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	14/06/2016	17.28		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	14/06/2016	22.09		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
Bhusawal-Aurangabad	IntraState	13/06/2016	17.22	14/06/2016	07.15	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
Ektuni-Bableshtar ckt I	IntraState	14/06/2016	10.10		Continued.	PO	Jumper Nut Bolts Tightening.(RFC @ 14.35 Hrs).
Lonikand I - Koyna stage-IV	IntraState	14/06/2016	12.05	14/06/2016	18.22	PO	Insulator Replacement.
Girwali-Solapur (Lamboti)	IntraState	14/06/2016	15.12	14/06/2016	21.19	EO	Replacement of Insulator String.
Ektuni-Bableshtar ckt II	IntraState	14/06/2016	15.43		Continued.	HT	To Control Load of Padgha-Bblr.
Babhaleshtar - Padghe-II	IntraState	14/06/2016	16.14	14/06/2016	21.43	EO	Insulator Replacement Work
Bhusawal-Aurangabad	IntraState	14/06/2016	17.12		Continued.	HT	Over Voltage
Padghe - Talegaon (PG)	IntraState	14/06/2016	21.49	14/06/2016	22.40	EO	Attending R Ph Wave Trap Broken Jumper Replacement.
Padghe - Kalwa- I	IntraState	15/06/2016	01.43		Continued.	PO	Partially Decapped of DSN Insulator Strins.
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-I@Parly	IntraState	06/06/2016	09.36		Continued.	PO	Bushing replacement
400/220/33 Kv 105 Mva Spare Ict 1 @Akola	IntraState	14/06/2016	09.18	14/06/2016	16.24	PO	Routine Maintenance Work
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	14/06/2016	14.26	14/06/2016	17.22	EO	Attending Hot Spot
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	14/06/2016	23.20	14/06/2016	23.46	T	NDR.
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	09/06/2016	09.40		Continued.	PO	Outage.
Talandage - Chikodi	InterState	14/06/2016	12.18		Continued.	PO	Insulator Replacement.
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.
Adlabs - Pedambe	IntraState	14/06/2016	08.50	14/06/2016	15.25	PO	Attending Hot Spot
Ambazari Bus Coupler	IntraState	14/06/2016	09.45	14/06/2016	12.06	PO	Tan Delta Measurment.
Karad -Mudshingi Ckt- IV	IntraState	14/06/2016	11.04	14/06/2016	15.02	PO	Insulator Replacement.
Ghatghar - Bapgaon	IntraState	14/06/2016	11.37	14/06/2016	12.59	T	Distance Protection
Karad(400kv) - Ogalewadi Ckt 2	IntraState	14/06/2016	11.43	14/06/2016	13.53	PO	Routine Maintenance Work
Karad - Sadawagpur I	IntraState	14/06/2016	12.00	14/06/2016	15.34	PO	Attending Hot Spot

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 14/Jun/2016

Statement-VII

Position as on 6.30 Hrs of 15/Jun/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Mahape - TIFIL	IntraState	14/06/2016	13.50	14/06/2016	16.05	T	Bus Bar Protection Operated.
Siemens - Mahape	IntraState	14/06/2016	13.50	14/06/2016	14.35	T	Bus Bar Protection Operated.
Karad(400kv) - Ogalewadi Ckt 1	IntraState	14/06/2016	14.23	14/06/2016	17.17	PO	Annual Relay Testing Work.
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 Sectionaliser Current.
220/132 Kv 100 Mva Ict 2 @Paranda	IntraState	14/06/2016	10.30	14/06/2016	14.00	PO	Quarterly Maintainance Work
220/132 Kv 100 Mva Vijai Ict 2 @Virur	IntraState	14/06/2016	11.30	14/06/2016	13.30	PO	Premansoon Maintenance Work.
220/66 Kv 50 Mva Cgl Ptr 2 @Wardha	IntraState	14/06/2016	11.31	14/06/2016	16.45	PO	Tan Delta T/F Bushing,CB Timing.
220/22 Kv 50 Mva Vijai Ptr 3 @Mahape	IntraState	14/06/2016	13.50	14/06/2016	14.39	T	Bus Bar Protection Operated.
220/22 Kv 50 Mva Bhel Ptr 1 @Mahape	IntraState	14/06/2016	13.50	14/06/2016	14.38	T	Bus Bar Protection Operated.
220/22 Kv 50 Mva Bhel Ptr 2 @Mahape	IntraState	14/06/2016	1350	14/06/2016	15.08	T	Bus Bar Protection Operated.
220/132 Kv 100 Mva Cgl Ict 1 @Virur	IntraState	14/06/2016	15.03	14/06/2016	16.24	PO	Premansoon Maintenance Work.

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