

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/May/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	155.902	2143.054	1) Gujrat	-1.136	-37.650
2) Hydro	3.602	62.256	2) Madhya Pradesh	13.265	164.093
3) Gas	10.366	119.427	3) Chattisgarh	6.580	88.200
Total MSPGCL	169.870	2324.737	4) Maharashtra Net	119.292	1762.960
B) 1) APML	48.242	800.663	5) Goa (Amona)	-0.704	-11.242
2) JSWEL	16.955	290.777	Total	137.297	1966.361
3) VIPL	10.059	175.754	a) Mumbai Schedule	17.416	334.763
4) RPL(AMT)	14.011	209.323	b) Mumbai Drawl	30.858	443.995
5) WPCL	2.134	34.250	c) MSEDCL Bilateral *	42.259	575.956
6) PGPL	0.000	0.000	Include PX	2.878	133.278
7) Other IPP	6.445	74.467	d) Mumbai Bilateral *	17.416	334.763
C) 1) TPCL Thermal	12.681	205.466	Include PX	0.893	26.874
2) TPCL Hydro	0.597	44.641	Include Standby	0.000	0.000
3) TPCL Gas	4.480	62.974	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.330	137.923	1) MSEDCL	392.041	5627.773
D) STATE			2) Mumbai Discoms	57.943	894.993
1) Thermal	275.759	4071.677	TOTAL STATE	449.984	6522.766
(A1+C1+C4+(B1-B6))					
2) Hydro	4.199	106.897			
(A2+C2)					
3) Gas	14.846	182.401			
(A3+B6+C3)					
4) Wind	16.393	173.026			
6) SOLAR	1.493	22.410			
TOTAL STATE	312.690	4556.411			

* 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 17 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	6646	6697	6473	6193
MSPGCL Hydro	143	241	178	98
MSPGCL Gas	420	421	433	428
MSPGCL Total Generation	7209	7359	7084	6719
Central Sector Receipt	6662	6645	5262	5146
WIND	275	1009	1045	591
CPP / IPP Thermal	3937	4006	4112	4222
CPP / IPP Gas	0	0	0	0
SOLAR	229	76	0	0
Exchange with Mumbai	-1327	-1339	-1380	-1472
MSEDCL DEMAND MET	16985	17756	16123	15206
Load Shedding	0	0	0	0
MSEDCL DEMAND	16985	17756	16123	15206
TPCL GENERATION	722	729	767	835
R-INFRA GENERATION	389	389	389	389
MUMBAI DEMAND	2438	2457	2536	2696
STATE DEMAND MET	19423	20213	18659	17902
STATE DEMAND	19423	20213	18659	17902
Frequency (Hz)	49.95	50.00	49.95	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 08.23 Hrs	49.78 Hz at 21.36 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 14/May/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.63	52.04	160	140
Unit 8	9.55	149.60	441	276
Unit 9	10.01	143.29	481	246
Unit 10	5.71	54.71	260	221
Total	28.91	399.64		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.90	48.42	165	160
Unit 4	8.72	127.74	370	360
Unit 5	8.72	128.75	370	340
Total	21.36	304.91		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.82	75.57	205	196
Unit 7	4.86	74.27	212	194
Unit 8	4.35	9.73	215	0
Total	14.04	159.56		
Chandrapur				
Unit 3	4.23	61.08	190	164
Unit 4	4.32	52.13	199	165
Unit 5	9.19	139.83	425	360
Unit 6	9.41	97.94	450	359
Unit 7	0.00	0.00	0	0
Unit 8	9.20	130.37	453	360
Unit 9	9.38	136.79	497	350
Total	45.73	618.14		
Paras				
Unit 3	4.71	66.84	250	188
Unit 4	4.71	69.18	250	188
Total	9.43	136.02		
Khaparkheda				
Unit 1	3.81	55.61	165	145
Unit 2	3.80	54.96	165	150
Unit 3	3.88	57.67	173	161
Unit 4	3.82	52.03	163	153
Unit 5	9.10	125.37	450	360
Total	24.41	345.64		
Nasik				
Unit 3	4.07	60.34	175	165
Unit 4	3.99	60.11	172	161
Unit 5	3.98	58.69	171	162
Total	12.04	179.14		
Uran				
All Units	10.37	119.43	446	406
Total	10.37	119.43		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.43	3.27	24	0
Total	0.43	3.27		
Koyna				
Stage 1-2	0.98	13.74	50	35
Stage 4	0.00	0.71	0	0
Stage 3	0.00	3.93	0	0
Total	0.98	18.38		
Hydro				
KDPH	0.60	8.00	25	25
VTRNA	0.59	8.30	61	0
TILLARI	0.00	0.64	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	2.25	47	0
RNGR+BHTSA	0.28	3.32	12	11
BHANDARDRA	0.44	6.24	40	9
ELDARY	0.00	1.80	0	0
SMLHY_PTN	0.32	3.98	21	11
GHATGHAR	0.26	9.34	125	0
Total	2.62	43.88		
Wind				
Total	16.39	173.03	0	0
Total	16.39	173.03		
CPP				
APML(Mus)	48.24	800.66	0	0
JSWEL(Mus)	16.96	290.78	0	0
VIPL(Mus)	10.06	175.75	0	0
RPLAMT(Mus)	14.01	209.32	0	0
WPCL(Mus)	2.13	34.25	0	0
Other(Mus)	6.44	74.47	0	0
Total	97.85	1585.23		
SOLAR				
Total	1.49	22.41	0	0
Total	1.49	22.41		
Tata				
Trombay 5	7.85	131.71	492	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.88	40.54	122	118
Trombay 7B	1.60	22.43	67	66
Trombay 8	4.83	73.75	203	199
TATA Hydro	0.60	44.64	125	0
Total	17.76	313.08		
R-INFRA				
DTPS U-1&2	9.33	137.92	390	387
Total	9.33	137.92		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	155.90	2143.05	MSPGCL Total	169.87	2324.74
			MSPGCL Thml+Gas	166.27	2262.48	Koyna 1,2 & 4 Total	0.98	14.45
			MSPGCL Hydro	3.60	62.26	State Total	312.69	4556.41

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 14/May/2017

Annexure-2

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			THM	GAS										
1	6193	98	428	6719	591	4222	0	0	5196	5146	-1472	15206	0	15206	2696	17902	49.95
2	6333	103	439	6875	447	4221	0	0	5085	5167	-1283	15427	0	15427	2555	17982	49.97
3	6560	103	430	7093	602	4210	0	0	5186	5479	-1154	16230	0	16230	2383	18613	49.99
4	6697	98	442	7237	578	4155	0	0	5306	5072	-1186	15856	0	15856	2286	18142	49.99
5	6512	98	431	7041	505	4156	0	0	5306	5459	-1113	16048	0	16048	2207	18255	49.95
6	6708	128	444	7280	725	4153	0	0	5671	5533	-1112	16579	0	16579	2207	18786	49.99
7	6723	123	446	7292	556	4001	0	18	5787	5358	-1048	16177	0	16177	2131	18308	50.01
8	6428	128	434	6990	539	4040	0	41	6137	5749	-1038	16321	0	16321	2122	18443	50.04
9	6451	146	431	7028	520	4003	0	85	6036	6108	-1083	16661	0	16661	2166	18827	50.02
10	6439	205	437	7081	307	4015	0	157	5886	5957	-1175	16342	0	16342	2259	18601	49.99
11	6437	216	432	7085	148	4007	0	162	5852	6205	-1263	16344	0	16344	2379	18723	49.97
12	6646	143	420	7209	275	3937	0	229	6746	6662	-1327	16985	0	16985	2438	19423	49.95
13	6950	105	418	7473	388	3971	0	223	6915	6574	-1381	17248	0	17248	2469	19717	49.99
14	6710	93	421	7224	533	4001	0	189	6990	6492	-1368	17071	0	17071	2466	19537	49.95
15	6414	103	421	6938	702	3975	0	159	6908	6980	-1395	17359	0	17359	2511	19870	49.93
16	6426	138	406	6970	768	3995	0	126	6795	7144	-1422	17581	0	17581	2538	20119	49.97
17	6697	241	421	7359	1009	4006	0	76	6488	6645	-1339	17756	0	17756	2457	20213	50.00
18	6498	288	429	7215	1005	3992	0	27	5800	5565	-1251	16553	0	16553	2369	18922	50.04
19	6434	203	439	7076	1113	4114	0	1	4776	4462	-1240	15526	0	15526	2356	17882	50.03
20	6432	198	444	7074	1050	4134	0	0	5214	5251	-1317	16192	0	16192	2454	18646	49.99
21	6473	178	433	7084	1045	4112	0	0	5117	5262	-1380	16123	0	16123	2536	18659	49.95
22	6391	168	434	6993	998	4126	0	0	4729	4854	-1395	15576	0	15576	2550	18126	49.94
23	6206	157	443	6806	1000	4128	0	0	5022	5132	-1460	15606	0	15606	2668	18274	49.97
24	6144	141	443	6728	989	4170	0	0	5070	5041	-1656	15272	0	15272	2743	18015	49.95
MUs	155.90	3.60	10.37	169.87	16.39	97.85	0.00	1.49	138.02	137.30	-30.86	392.04	0.00	392.04	57.95	449.99	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 14/May/2017

Position as on 6.30 Hrs of 15/May/2017

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	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
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	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	RPL(AMT) U-5	270	15/04/2017	08.59		Continued.	Coal Shortage	
IPP	RPL(AMT) U-4	270	15/04/2017	12.08		Continued.	Coal Shortage	
MSPGCL	Koyna Unit 5	80	08/05/2017	08.20	14/05/2017	14.35	installation & commissioning of numerical relay.	
CPP	SWPGL U-4	135	09/05/2017	05.10	14/05/2017	22.36	ESP PROBLEM.	
IPP	JSW (J) U2	300	11/05/2017	05.35		Continued.	No Schedule.	
MSPGCL	Parli Unit 8	250	13/05/2017	18.01	14/05/2017	01.04	M.S.Temp Low	
MSPGCL	Chandrapur Unit 6	500	15/05/2017	01.32		Continued.	R phase Diff.prot.operated	
CPP	SWPGL U-3	135	15/05/2017	02.43		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/May/2017

Statement-VII

Position as on 6.30 Hrs of 15/May/2017

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	15/05/2017	01.32	15/05/2017	05.17	T	R Phase AC Bus Diff.prot. low Level Alarm
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kV Solapur (PG)- Jeur from LOC 403
Dabhol Nagothane I	InterState	13/05/2017	17.09	14/05/2017	20.56	T	Distance Protection
Dhule Sar'Sarovar II	InterState	13/05/2017	22.07		Continued.	HT	Over Voltage
Ektuni-Bableswhar ckt II	IntraState	01/05/2017	22.55		Continued.	HT	to control line load.
Khadka-Aurangabad (Waluj)	IntraState	13/05/2017	20.17	14/05/2017	06.18	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	14/05/2017	18.18		Continued.	HT	Over Voltage
Cahndrapur II - Dhariwal II	IntraState	15/05/2017	01.32	15/05/2017	05.23	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT-II@Taptitanda	IntraState	13/05/2017	15.59	14/05/2017	12.30	T	Tripped on Buchholz.
220 KV LINE Outages/Trippings							
Mudshingi - Chikodi	InterState	14/05/2017	06.00	14/05/2017	18.05	HT	No Schedule
Talandage - Chikodi	InterState	14/05/2017	06.05	14/05/2017	18.07	HT	No Schedule
Talandage - Chikodi	InterState	15/05/2017	06.02		Continued.	HT	No Schedule
Mudshingi Chikodi	InterState	15/05/2017	06.05		Continued.	HT	No Schedule
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.
Waluj - Jalna 1	IntraState	08/05/2017	08.35		Continued.	PO	make lilo arrangement for newly const.
Gadchandur - Virur-li	IntraState	13/05/2017	23.44	14/05/2017	05.12	T	Over Current Protection
Gadchandur - Grace	IntraState	13/05/2017	23.44	14/05/2017	05.23	T	Earth Conductor Broken.
Gadchandur - Virur-I	IntraState	13/05/2017	23.44	14/05/2017	05.14	T	Earth Conductor Broken.
Bhira Dharavi 7	IntraState	14/05/2017	06.00	14/05/2017	19.55	PO	Routine Maintenance Work
Trombay - Kalwa	IntraState	14/05/2017	09.04	14/05/2017	14.13	PO	Routine Maintenance Work
Niwali - Pawas Line	IntraState	14/05/2017	09.25	14/05/2017	19.15	PO	Routine Maintenance Work
Umred-Kanhan 2	IntraState	14/05/2017	13.27	14/05/2017	14.23	T	Distance Protection
Phursungi-Parvati	IntraState	14/05/2017	14.50	14/05/2017	16.27	EO	Removing broken poilet string on M/C Tower
Jejuri-Phursungi 1	IntraState	14/05/2017	14.52	14/05/2017	16.32	HT	outage on parvati-phursungi due to M/C Tower
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)
132 KV LINE Outages/Trippings							
Deepnagar- Nimbhora	IntraState	14/05/2017	13.54	14/05/2017	14.06	T	Distance Protection
Elichpur - Hingoli	IntraState	14/05/2017	16.14	14/05/2017	16.28	T	Distance Protection
Yawal - Chopda	IntraState	14/05/2017	16.17	14/05/2017	17.22	T	Distance Protection

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