

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Aug/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.893	3388.509	1) Gujrat	-0.798	65.964
2) Hydro	6.150	190.547	2) Madhya Pradesh	15.019	389.149
3) Gas	6.205	223.724	3) Chattisgarh	5.970	142.130
Total MSPGCL	137.248	3802.780	4) Maharashtra Net	70.584	2361.450
B) 1) APLM	36.659	1144.573	5) Goa (Amona)	-0.088	-9.394
2) JSWEL	13.737	358.244	Total	90.687	2949.299
3) VIPL	6.543	162.586	a) Mumbai Schedule	16.690	531.831
4) RPL(AMT)	9.730	221.638	b) Mumbai Drawl	25.930	661.028
5) WPCL	4.082	76.700	c) MSEDCL Bilateral *	9.061	456.759
6) PGPL	0.000	0.000	Include PX	-4.555	54.548
7) Other IPP	3.988	91.495	d) Mumbai Bilateral *	16.690	531.831
C) 1) TPCL Thermal	12.362	362.274	Include PX	3.617	160.133
2) TPCL Hydro	2.369	112.813	Include Standby	0.000	0.000
3) TPCL Gas	2.280	89.052	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	8.988	252.684	1) MSEDCL	308.390	8853.817
D) STATE			2) Mumbai Discoms	51.928	1477.845
1) Thermal	220.982	6058.703	TOTAL STATE	360.318	10331.662
(A1+C1+C4+(B1-B6))					
2) Hydro	8.519	303.360			
(A2+C2)					
3) Gas	8.485	312.776			
(A3+B6+C3)					
4) Wind	29.549	663.850			
6) SOLAR	2.097	43.680			
TOTAL STATE	269.632	7382.369			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5792	5072	4709	4707
MSPGCL Hydro	248	253	592	297
MSPGCL Gas	264	242	252	262
MSPGCL Total Generation	6304	5567	5553	5266
Central Sector Receipt	4935	4288	4211	3853
WIND	879	1361	1350	767
CPP / IPP Thermal	3246	2839	2971	3085
CPP / IPP Gas	0	0	0	0
SOLAR	190	305	0	0
Exchange with Mumbai	-1128	-1364	-945	-1026
MSEDCL DEMAND MET	14426	12997	13140	11945
Load Shedding	0	0	0	0
MSEDCL DEMAND	14426	12997	13140	11945
TPCL GENERATION	623	621	1058	786
R-INFRA GENERATION	373	374	374	374
MUMBAI DEMAND	2124	2359	2377	2186
STATE DEMAND MET	16550	15356	15517	14131
STATE DEMAND	16550	15356	15517	14131
Frequency (Hz)	50.00	50.00	49.98	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06.02 Hrs	49.76 Hz at 19.14 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 25/Aug/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	2.55	28.69	155	0
Unit 8	10.08	187.50	510	293
Unit 9	8.82	271.17	421	292
Unit 10	8.93	278.65	430	300
Total	30.39	766.01		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.82	47.70	190	150
Unit 4	8.79	263.45	505	335
Unit 5	8.82	87.00	500	340
Total	21.44	398.15		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.73	74.89	246	178
Unit 7	3.99	46.78	248	0
Unit 8	0.00	0.00	0	0
Total	8.72	121.67		
Chandrapur				
Unit 3	4.48	99.37	205	165
Unit 4	0.00	95.69	0	0
Unit 5	9.16	214.36	400	360
Unit 6	8.95	223.10	393	355
Unit 7	9.29	244.61	426	344
Unit 8	9.91	242.90	500	360
Unit 9	0.00	189.50	0	0
Total	41.80	1309.54		
Paras				
Unit 3	5.02	135.59	253	180
Unit 4	5.05	136.41	258	182
Total	10.07	271.99		
Khaparkheda				
Unit 1	2.61	65.26	130	85
Unit 2	2.80	66.79	160	65
Unit 3	3.08	62.66	146	90
Unit 4	0.00	0.00	0	0
Unit 5	0.00	216.32	0	0
Total	8.49	411.04		
Nasik				
Unit 3	0.00	38.47	0	0
Unit 4	3.99	70.18	170	163
Unit 5	0.00	1.46	0	0
Total	3.99	110.10		
Uran				
All Units	6.20	223.72	272	241
Total	6.20	223.72		
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)	0.00	1.17	0	0
Total	0.00	1.17		
Koyna				
Stage 1-2	1.38	66.88	165	40
Stage 4	0.14	44.40	145	0
Stage 3	1.44	33.90	160	0
Total	2.96	145.17		
Hydro				
KDPH	0.63	5.20	27	26
VTRNA	1.10	11.09	61	0
TILLARI	0.00	1.03	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	10.05	80	0
RNGR+BHTSA	0.46	4.35	20	19
BHANDARDRA	0.24	7.71	14	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.31	5.94	14	13
GHATGHAR	0.00	0.00	0	0
Total	3.19	45.38		
Wind				
Total	29.55	663.85	0	0
Total	29.55	663.85		
CPP				
APML(Mus)	36.66	1144.57	0	0
JSWEL(Mus)	13.74	358.24	0	0
VIPL(Mus)	6.54	162.59	0	0
RPLAMT(Mus)	9.73	221.64	0	0
WPCL(Mus)	4.08	76.70	0	0
Other(Mus)	3.99	91.50	0	0
Total	74.74	2055.24		
SOLAR				
Total	2.10	43.68	0	0
Total	2.10	43.68		
Tata				
Trombay 5	7.57	231.35	332	308
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.25	54.06	54	52
Trombay 7B	1.03	34.99	44	42
Trombay 8	4.80	130.92	204	198
TATA Hydro	2.37	112.81	458	3
Total	17.01	564.14		
R-INFRA				
DTPS U-1&2	8.99	252.68	375	373
Total	8.99	252.68		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	124.89	3388.51	MSPGCL Total	137.25	3802.78
			MSPGCL Thml+Gas	131.10	3612.23	Koyna 1,2 & 4 Total	1.52	111.27
			MSPGCL Hydro	6.15	190.55	State Total	269.63	7382.37

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/Aug/2017

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5647	166	261	6074	1039	3420	0	0	3800	3877	-1288	13122	0	13122	2271	15393	49.99
2	5620	175	260	6055	1096	3417	0	0	3526	3566	-1067	13068	0	13068	2054	15122	49.99
3	5553	103	270	5926	1058	3416	0	0	3314	3512	-1001	12911	0	12911	1985	14896	50.00
4	5549	105	260	5914	1143	3396	0	0	3282	3169	-921	12702	0	12702	1907	14609	50.02
5	5350	100	272	5722	1156	3284	0	0	3951	3589	-904	12848	0	12848	1889	14737	49.97
6	5323	105	261	5689	1169	3215	0	0	4575	4529	-943	13659	0	13659	1931	15590	50.00
7	5967	118	264	6349	892	3396	0	11	4972	4634	-983	14299	0	14299	1975	16274	50.03
8	6046	112	272	6430	785	3346	0	53	5010	4908	-1009	14514	0	14514	2004	16518	50.05
9	5792	248	264	6304	879	3246	0	190	5068	4935	-1128	14426	0	14426	2124	16550	50.00
10	5379	299	267	5945	965	3211	0	214	4838	4455	-1231	13559	0	13559	2233	15792	49.98
11	5045	333	254	5632	1000	3001	0	218	4871	4493	-1368	12976	0	12976	2370	15346	50.02
12	5073	286	253	5612	1279	2843	0	281	4761	4637	-1382	13270	0	13270	2380	15650	49.97
13	5072	253	242	5567	1361	2839	0	305	4557	4288	-1364	12997	0	12997	2359	15356	50.00
14	5081	258	269	5608	1469	2838	0	285	4081	3499	-1204	12495	0	12495	2188	14683	50.02
15	5100	253	256	5609	1907	2839	0	281	3497	2619	-1179	12076	0	12076	2169	14245	50.01
16	5037	268	254	5559	2041	2837	0	144	2651	2342	-1099	11825	0	11825	2109	13934	49.96
17	4954	296	262	5512	1863	2837	0	80	2201	2233	-1069	11455	0	11455	2098	13553	49.96
18	4886	379	252	5517	1740	2846	0	31	2456	2545	-1143	11537	0	11537	2131	13668	49.96
19	4882	396	241	5519	1554	2858	0	4	3431	3337	-1023	12249	0	12249	2251	14500	49.93
20	4709	592	252	5553	1350	2971	0	0	3999	4211	-945	13140	0	13140	2377	15517	49.98
21	4709	264	262	5235	1216	3219	0	0	3722	3901	-959	12611	0	12611	2388	14999	49.99
22	4706	367	253	5326	946	3237	0	0	3635	3817	-866	12460	0	12460	2312	14772	49.99
23	4706	377	242	5325	874	3139	0	0	3499	3736	-828	12247	0	12247	2238	14485	49.97
24	4707	297	262	5266	767	3085	0	0	3747	3853	-1026	11945	0	11945	2186	14131	49.98
MUs	124.89	6.15	6.21	137.25	29.55	74.74	0.00	2.10	93.44	90.69	-25.93	308.39	0.00	308.39	51.93	360.32	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 25/Aug/2017

Position as on 6.30 Hrs of 26/Aug/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.	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
CENT.SECTOR	TARAPUR-3	540	11/07/2017	16.30		Continued.	Reactor Inspection Work	
MSPGCL	Khaparkheda Unit 4	210	13/07/2017	03.36		Continued.	Drum level low. on Dated 14.07.2017 converted to zero schedule. Converted into COH from 00:00Hrs of 02.08.2017	
MSPGCL	Chandrapur Unit 4	210	22/08/2017	23.56		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		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	
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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Shutdown	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPPL	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	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
IPP	RPL(AMT) U-4	270	09/06/2017	00.20		Continued.	Zero Schedule by MSEDCL	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK	
MSPGCL	Parli Unit 8	250	17/06/2017	00.08		Continued.	Zero Schedule by MSEDCL, scheduled issued on 08.08.2017 but synchronization delayed.	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	RBDV leakage attending work.	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
IPP	JSW (J) U4	300	05/08/2017	20.30		Continued.	Turbine shaft Vibration high.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Aug/2017

Position as on 6.30 Hrs of 26/Aug/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-1	660	07/08/2017	00.29		Continued.	AIR PREHEATER PROBLEM.	
MSPGCL	Nasik Unit 5	210	09/08/2017	00.00		Continued.	ID Fan Problem converted to zero schedule from 19:00Hrs of 11.08.2017	
MSPGCL	Nasik Unit 3	210	10/08/2017	00.00		Continued.	Withdrawn for maintenance work.zero schedule from 15.08.2017.	
IPP	Adani U-2	660	11/08/2017	16.49		Continued.	Furnace Pressure High	
MSPGCL	Chandrapur Unit 9	500	18/08/2017	15.26		Continued.	Turbine sharp Vibration problem.	
IPP	RPL(AMT) U-2	270	20/08/2017	16.02		Continued.	Zero Schedule Given By MSEDCL.	
IPP	RPL(AMT) U-3	270	20/08/2017	18.11		Continued.	Zero Schedule Given By MSEDCL.	
MSPGCL	Khaparkheda Unit 5	500	21/08/2017	16.04		Continued.	Due to poor coal Receipt.	
MSPGCL	Uran Unit 6	108	24/08/2017	09.33		Continued.	Gas shortage	
MSPGCL	Parli Unit 7	250	25/08/2017	19.03	25/08/2017	22.13	tripped on governing system problem.	
MSPGCL	Koradi Unit 7	210	25/08/2017	19.29		Continued.	ID Fan Problem	
MSPGCL	Chandrapur Unit 7	500	26/08/2017	00.23		Continued.	Stem line leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 26/Aug/2017

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							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kV Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar II	InterState	23/08/2017	17.34		Continued.	HT	Over Voltage
Akola Wardha li	InterState	25/08/2017	10.02	25/08/2017	11.25	T	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	10/08/2017	06.43		Continued.	HT	Emergency outage on padghe bblsr ckt.
Karad - Jaigad - II	IntraState	20/08/2017	15.07		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	22/08/2017	20.14		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/08/2017	20.09		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	26/08/2017	00.10		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT1@koradi 2	IntraState	10/08/2017	11.39		Continued.	PO	Attend defects observed in OLTC of ICT 1.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	NO SCHEDULE.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper 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 jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Butibori - Purti	IntraState	25/08/2017	12.44	25/08/2017	12.54	T	shifting from bus1 to bus2 for load management.
Karad(400kv) - Wathar	IntraState	25/08/2017	19.16	25/08/2017	19.54	T	Distance Protection
Harangul-Parly	IntraState	25/08/2017	21.58	25/08/2017	22.24	T	Distance Protection
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							
Beed - Raimoha	IntraState	22/08/2017	15.29		Continued.	T	Distance Protection

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