

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Aug/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.391	732.673	1) Gujrat	2.829	33.322
2) Hydro	7.435	41.424	2) Madhya Pradesh	18.860	106.084
3) Gas	9.875	59.453	3) Chattisgarh	7.130	38.760
Total MSPGCL	139.701	833.550	4) Maharashtra Net	103.110	575.308
B) 1) APML	66.851	357.095	5) Goa (Amona)	-0.440	-2.860
2) JSWEL	14.876	91.076	Total	131.489	750.614
3) VIPL	6.973	30.006	a) Mumbai Schedule	18.586	131.736
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.613	161.143
5) WPCL	3.109	24.016	c) MSEDCL Bilateral *	31.629	129.393
6) PGPL	0.000	0.000	Include PX	6.696	25.631
7) Other IPP	3.437	20.377	d) Mumbai Bilateral *	18.586	131.736
C) 1) TPCL Thermal	15.473	86.883	Include PX	3.843	46.691
2) TPCL Hydro	1.814	27.310	Include Standby	0.000	0.000
3) TPCL Gas	3.834	24.262	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.363	60.739	1) MSEDCL	370.370	2164.128
D) STATE			2) Mumbai Discoms	53.097	360.336
1) Thermal	243.473	1402.865	TOTAL STATE	423.467	2524.464
(A1+C1+C4+(B1-B6))					
2) Hydro	9.249	68.734			
(A2+C2)					
3) Gas	13.709	83.715			
(A3+B6+C3)					
4) Wind	23.608	207.482			
6) SOLAR	1.939	11.055			
TOTAL STATE	291.978	1773.851			

* 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 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5199	5296	5219	4912
MSPGCL Hydro	706	719	135	96
MSPGCL Gas	407	407	411	416
MSPGCL Total Generation	6312	6422	5765	5424
Central Sector Receipt	6418	6384	4800	4658
WIND	687	648	1090	1227
CPP / IPP Thermal	3943	3964	3992	4036
CPP / IPP Gas	0	0	0	0
SOLAR	224	299	0	0
Exchange with Mumbai	-1002	-974	-803	-896
MSEDCL DEMAND MET	16582	16743	14844	14449
Load Shedding	0	0	0	0
MSEDCL DEMAND	16582	16743	14844	14449
TPCL GENERATION	910	908	1240	713
R-INFRA GENERATION	500	501	374	375
MUMBAI DEMAND	2412	2383	2417	1984
STATE DEMAND MET	18994	19126	17261	16433
STATE DEMAND	18994	19126	17261	16433
Frequency (Hz)	49.99	49.94	49.91	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 14.02 Hrs	49.76 Hz at 22.06 Hrs	49.96	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 06/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	0.00	0.00	0	0
Unit 8	0.01	54.66	14	0
Unit 9	11.17	66.72	540	380
Unit 10	12.18	70.17	560	430
Total	23.36	191.56		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	11.31	63.28	510	355
Unit 5	0.00	0.00	0	0
Total	11.31	63.28		
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
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	4.77	26.86	204	195
Unit 4	4.34	26.04	186	178
Unit 5	9.61	32.63	410	380
Unit 6	9.90	48.72	427	400
Unit 7	10.32	61.76	448	407
Unit 8	11.05	64.38	492	430
Unit 9	10.06	61.59	472	390
Total	60.05	321.98		
Paras				
Unit 3	5.89	32.87	250	232
Unit 4	5.90	32.68	255	223
Total	11.79	65.55		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.64	65.08	505	360
Total	11.64	65.08		
Nasik				
Unit 3	4.24	25.22	200	160
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	4.24	25.22		
Uran				
All Units	9.88	59.45	424	394
Total	9.88	59.45		
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)	0.02	0.38	18	0
Total	0.02	0.38		
Koyna				
Stage 1-2	4.12	16.95	485	40
Stage 4	0.00	2.59	0	0
Stage 3	1.55	6.80	160	0
Total	5.67	26.34		
Hydro				
KDPH	0.00	1.25	0	0
VTRNA	0.40	4.56	61	0
TILLARI	0.00	0.36	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.37	2.56	80	0
RNGR+BHTSA	0.21	1.82	17	0
BHANDARDRA	0.34	2.06	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	2.46	19	18
GHATGHAR	0.00	0.00	0	0
Total	1.76	15.08		
Wind				
Total	23.61	207.48	0	0
Total	23.61	207.48		
CPP				
APML(Mus)	66.85	357.10	0	0
JSWEL(Mus)	14.88	91.08	0	0
VIPL(Mus)	6.97	30.01	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.11	24.02	0	0
Other(Mus)	3.44	20.38	0	0
Total	95.25	522.57		
SOLAR				
Total	1.94	11.06	0	0
Total	1.94	11.06		
Tata				
Trombay 5	9.98	55.15	467	289
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.35	15.06	120	64
Trombay 7B	1.48	9.20	69	51
Trombay 8	5.49	31.73	244	198
TATA Hydro	1.81	27.31	406	0
Total	21.12	138.46		
R-INFRA				
DTPS U-1&2	10.36	60.74	501	373
Total	10.36	60.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.39	732.67	MSPGCL Total	139.70	833.55
			MSPGCL Thml+Gas	132.27	792.13	Koyna 1,2 & 4 Total	4.12	19.54
			MSPGCL Hydro	7.44	41.42	State Total	291.98	1773.85

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/Aug/2017

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	5059	216	415	5690	1472	3979	0	0	4770	4859	-1094	14906	0	14906	2308	17214	49.96
2	5057	101	415	5573	1262	4084	0	0	4626	4778	-953	14744	0	14744	2110	16854	49.98
3	4912	96	416	5424	1227	4036	0	0	4708	4658	-896	14449	0	14449	1984	16433	49.98
4	4711	96	414	5221	1061	3967	0	0	4864	5245	-917	14577	0	14577	1907	16484	49.94
5	4694	206	413	5313	968	3949	0	0	4868	5429	-896	14763	0	14763	1875	16638	49.90
6	4872	231	424	5527	747	3953	0	0	5326	5914	-933	15208	0	15208	1921	17129	49.97
7	5061	255	415	5731	753	4006	0	4	5981	6325	-727	16092	0	16092	1946	18038	49.99
8	5057	410	415	5882	629	3954	0	39	6184	6694	-718	16480	0	16480	2025	18505	50.00
9	5029	749	413	6191	776	3927	0	116	6328	6508	-783	16735	0	16735	2108	18843	49.99
10	5087	469	402	5958	770	3953	0	154	6012	6303	-917	16221	0	16221	2292	18513	50.00
11	5138	536	409	6083	771	3944	0	183	5921	6112	-962	16131	0	16131	2373	18504	49.99
12	5199	706	407	6312	687	3943	0	224	6199	6418	-1002	16582	0	16582	2412	18994	49.99
13	5296	719	407	6422	648	3964	0	299	6203	6384	-974	16743	0	16743	2383	19126	49.94
14	5272	532	405	6209	785	3961	0	290	5940	6050	-932	16363	0	16363	2339	18702	49.99
15	5303	417	407	6127	915	3975	0	219	5927	6145	-901	16480	0	16480	2310	18790	50.01
16	5280	276	394	5950	1303	3979	0	187	5413	5712	-917	16214	0	16214	2313	18527	49.99
17	5256	372	410	6038	1239	3963	0	142	4859	5194	-880	15696	0	15696	2271	17967	50.01
18	5170	170	408	5748	1358	3921	0	71	4743	4847	-1030	14915	0	14915	2190	17105	49.98
19	4944	128	410	5482	1213	3904	0	11	5100	4811	-1053	14368	0	14368	2175	16543	49.95
20	5113	137	412	5662	1113	3988	0	0	4937	4846	-824	14785	0	14785	2354	17139	49.90
21	5219	135	411	5765	1090	3992	0	0	4634	4800	-803	14844	0	14844	2417	17261	49.91
22	5187	218	424	5829	966	3985	0	0	4444	4340	-754	14366	0	14366	2392	16758	49.91
23	5229	138	413	5780	961	3984	0	0	4387	4408	-716	14417	0	14417	2355	16772	49.87
24	5246	122	416	5784	894	3935	0	0	4777	4709	-1031	14291	0	14291	2337	16628	49.89
MUs	122.39	7.43	9.87	139.70	23.61	95.25	0.00	1.94	127.15	131.49	-21.61	370.37	0.00	370.37	53.10	423.47	49.96

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 06/Aug/2017

Position as on 6.30 Hrs of 07/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.	
MSPGCL	Khaparkhedha Unit 2	210	14/06/2017	23.16		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 7	210	21/06/2017	01.24		Continued.	COH.	
CENT.SECTOR	TARAPUR-3	540	11/07/2017	16.30		Continued.	Reactor Inspection Work	
MSPGCL	Khaparkhedha 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	Bhusawal Unit 5	500	15/07/2017	05.59		Continued.	Zero Schedule By MSEDCL (Converted to AOH from 00:00Hrs of 20.07.2017)	
MSPGCL	Koradi Unit-8	660	06/08/2017	00.05		Continued.	RAPH 8A and 8B work, Hot air ducts inspection and repair 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	
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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure(converted to Zero Schedule from 00.00Hrs DT.13th Jun 17)	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Aug/2017

Position as on 6.30 Hrs of 07/Aug/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-3	270	05/06/2017	14.31		Continued.	swapping with unit-5(converted to Zero Schedule from 00.00Hrs DT.15th Jun 17)	
IPP	RPL(AMT) U-4	270	09/06/2017	00.20		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-5	270	09/06/2017	01.39		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-2	270	09/06/2017	04.24		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 7	250	13/06/2017	00.04		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 3	210	13/06/2017	06.01		Continued.	Zero Schedule By MSEDCL	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK	
MSPGCL	Parli Unit 6	250	14/06/2017	00.02		Continued.	Zero schedule by MSEDCL.	
MSPGCL	Parli Unit 8	250	17/06/2017	00.08		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Nasik Unit 4	210	10/07/2017	14.28		Continued.	Boiler validity extention.on date 12/07/2017 converted zero schedule	
MSPGCL	Khaparkheda Unit 1	210	11/07/2017	23.53	07/08/2017	04.06	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 3	210	12/07/2017	08.40		Continued.	Boiler Tube Leakage. on date 13.07.2017 converted to zero schedule.	
MSPGCL	Nasik Unit 5	210	16/07/2017	00.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	rbtv 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.	
CPP	SWPGL U-3	135	06/08/2017	06.57		Continued.	Flame Failure	
IPP	Adani U-1	660	07/08/2017	00.29		Continued.	AIR PREHEATER PROBLEM.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 07/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	05/08/2017	20.42	06/08/2017	12.08	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	06/08/2017	18.06	07/08/2017	06.36	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	16/07/2017	16.05		Continued.	HT	To control load
Karad - Jaigad - II	IntraState	03/08/2017	13.08		Continued.	HT	Over Voltage
Bus B @ Chandrapur	IntraState	05/08/2017	13.54	06/08/2017	01.32	PO	bus bar relay testing work.
Khadka-Aurangabad (Waluj)	IntraState	05/08/2017	20.06	06/08/2017	06.58	HT	Over Voltage
karad -kolhapur-II	IntraState	05/08/2017	20.27	07/08/2017	06.43	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	06/08/2017	14.15	06/08/2017	18.19	PO	Routine Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	06/08/2017	20.05	07/08/2017	06.36	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT II @Babhleshwar	IntraState	04/08/2017	10.26	06/08/2017	02.21	PO	oil filtration work.
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 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.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection
Vita - Mhaishal	IntraState	01/07/2017	14.19		Continued.	PO	Bunching Work
Vita - Miraj	IntraState	01/07/2017	14.53		Continued.	PO	bunching work.
New Koyna - Pedambe	IntraState	04/08/2017	15.10		Continued.	PO	cb overhauling work.
Pusad-WardhaPG(Deoli)	IntraState	06/08/2017	10.25	06/08/2017	15.31	PO	Attending Oil Leakage
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)

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