

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Aug/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.049	121.049	1) Gujrat	6.854	6.854
2) Hydro	7.411	7.411	2) Madhya Pradesh	19.183	19.183
3) Gas	9.973	9.973	3) Chattisgarh	6.810	6.810
Total MSPGCL	138.433	138.433	4) Maharashtra Net	97.228	97.228
B) 1) APML	59.088	59.088	5) Goa (Amona)	-0.440	-0.440
2) JSWEL	15.023	15.023	Total	129.635	129.635
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.558	22.558
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.766	24.766
5) WPCL	2.838	2.838	c) MSEDCL Bilateral *	17.929	17.929
6) PGPL	0.000	0.000	Include PX	3.161	3.161
7) Other IPP	3.232	3.232	d) Mumbai Bilateral *	22.558	22.558
C) 1) TPCL Thermal	15.304	15.304	Include PX	12.737	12.737
2) TPCL Hydro	6.267	6.267	Include Standby	0.000	0.000
3) TPCL Gas	4.381	4.381	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.406	10.406	1) MSEDCL	354.620	354.620
D) STATE			2) Mumbai Discoms	61.124	61.124
1) Thermal (A1+C1+C4+(B1-B6))	226.940	226.940	TOTAL STATE	415.744	415.744
2) Hydro (A2+C2)	13.678	13.678			
3) Gas (A3+B6+C3)	14.354	14.354			
4) Wind	29.228	29.228			
6) SOLAR	1.909	1.909			
TOTAL STATE	286.109	286.109			

* 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 14 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5247	5223	5350	4556
MSPGCL Hydro	339	230	718	137
MSPGCL Gas	419	423	414	414
MSPGCL Total Generation	6005	5876	6482	5107
Central Sector Receipt	6388	5968	4883	4719
WIND	1029	1403	1232	1179
CPP / IPP Thermal	3396	3358	3227	3202
CPP / IPP Gas	0	0	0	0
SOLAR	206	281	0	0
Exchange with Mumbai	-1293	-1182	-959	-782
MSEDCL DEMAND MET	15731	15704	14865	13425
Load Shedding	0	0	0	0
MSEDCL DEMAND	15731	15704	14865	13425
TPCL GENERATION	1343	1276	1273	626
R-INFRA GENERATION	498	499	500	371
MUMBAI DEMAND	3134	2957	2732	1779
STATE DEMAND MET	18865	18661	17597	15204
STATE DEMAND	18865	18661	17597	15204
Frequency (Hz)	49.97	50.02	49.98	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 16.34 Hrs	49.69 Hz at 19.20 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 01/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	9.50	9.50	485	303
Unit 9	12.20	12.20	563	461
Unit 10	12.43	12.43	558	398
Total	34.12	34.12		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.93	10.93	500	360
Unit 5	0.00	0.00	0	0
Total	10.93	10.93		
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	4.69	4.69	201	170
Unit 4	4.29	4.29	183	155
Unit 5	0.00	0.00	0	0
Unit 6	9.44	9.44	410	380
Unit 7	10.26	10.26	443	367
Unit 8	10.76	10.76	490	360
Unit 9	10.33	10.33	451	368
Total	49.77	49.77		
Paras				
Unit 3	5.51	5.51	250	190
Unit 4	5.46	5.46	246	192
Total	10.97	10.97		
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	10.98	10.98	505	370
Total	10.98	10.98		
Nasik				
Unit 3	4.29	4.29	200	160
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	4.29	4.29		
Uran				
All Units	9.97	9.97	430	401
Total	9.97	9.97		
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)	0.07	0.07	21	0
Total	0.07	0.07		
Koyna				
Stage 1-2	2.78	2.78	400	40
Stage 4	0.00	0.00	0	0
Stage 3	0.88	0.88	160	0
Total	3.66	3.66		
Hydro				
KDPH	0.85	0.85	36	35
VTRNA	1.10	1.10	61	0
TILLARI	0.12	0.12	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.48	0.48	80	0
RNGR+BHTSA	0.40	0.40	17	16
BHANDARDRA	0.34	0.34	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.44	0.44	19	18
GHATGHAR	0.00	0.00	0	0
Total	3.75	3.75		
Wind				
Total	29.23	29.23	0	0
Total	29.23	29.23		
CPP				
APML(Mus)	59.09	59.09	0	0
JSWEL(Mus)	15.02	15.02	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.84	2.84	0	0
Other(Mus)	3.23	3.23	0	0
Total	80.18	80.18		
SOLAR				
Total	1.91	1.91	0	0
Total	1.91	1.91		
Tata				
Trombay 5	9.87	9.87	492	263
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	2.77	123	100
Trombay 7B	1.61	1.61	70	63
Trombay 8	5.43	5.43	248	199
TATA Hydro	6.27	6.27	421	0
Total	25.95	25.95		
R-INFRA				
DTPS U-1&2	10.41	10.41	500	371
Total	10.41	10.41		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	121.05	121.05	MSPGCL Total	138.43	138.43
			MSPGCL Thml+Gas	131.02	131.02	Koyna 1,2 & 4 Total	2.78	2.78
			MSPGCL Hydro	7.41	7.41	State Total	286.11	286.11

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/Aug/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	4970	187	421	5578	1140	3523	0	0	4410	4414	-914	13741	0	13741	2120	15861	50.00
2	4672	129	430	5231	1119	3578	0	0	4239	4644	-839	13733	0	13733	1930	15663	50.02
3	4604	127	417	5148	1050	3452	0	0	4275	4562	-814	13398	0	13398	1841	15239	50.02
4	4556	137	414	5107	1179	3202	0	0	4122	4719	-782	13425	0	13425	1779	15204	50.01
5	4535	132	415	5082	1182	3195	0	0	4626	5020	-764	13715	0	13715	1776	15491	49.98
6	4628	182	425	5235	1031	3412	0	0	5243	5413	-797	14294	0	14294	1891	16185	49.94
7	5005	470	415	5890	845	3711	0	6	5805	5893	-794	15551	0	15551	2047	17598	49.95
8	5071	234	404	5709	865	3798	0	47	5887	6165	-762	15822	0	15822	2262	18084	50.03
9	5093	295	414	5802	974	3550	0	98	6077	6669	-1096	15997	0	15997	2677	18674	50.02
10	5140	547	414	6101	1048	3407	0	158	5712	5990	-1083	15621	0	15621	2855	18476	50.04
11	5249	352	425	6026	1045	3401	0	176	5758	6090	-1314	15424	0	15424	3124	18548	49.99
12	5247	339	419	6005	1029	3396	0	206	6090	6388	-1293	15731	0	15731	3134	18865	49.97
13	5197	242	417	5856	1258	3377	0	228	6120	6084	-1285	15518	0	15518	3082	18600	49.97
14	5223	230	423	5876	1403	3358	0	281	5685	5968	-1182	15704	0	15704	2957	18661	50.02
15	5344	205	411	5960	1509	3349	0	258	5395	5507	-1216	15367	0	15367	3022	18389	49.98
16	5357	190	413	5960	1642	3302	0	217	5323	5429	-1178	15372	0	15372	2983	18355	50.03
17	5240	185	401	5826	1762	3297	0	150	5241	5621	-1242	15414	0	15414	2937	18351	50.00
18	4621	335	409	5365	1676	2997	0	72	5056	5722	-1357	14475	0	14475	2856	17331	49.95
19	4905	523	410	5838	1627	2874	0	12	5024	5189	-1338	14202	0	14202	2807	17009	50.00
20	5271	581	420	6272	1362	3151	0	0	5105	5209	-1246	14748	0	14748	2780	17528	49.87
21	5350	718	414	6482	1232	3227	0	0	4797	4883	-959	14865	0	14865	2732	17597	49.98
22	5327	419	414	6160	1021	3213	0	0	4725	4871	-896	14369	0	14369	2642	17011	49.96
23	5295	325	402	6022	1085	3205	0	0	4600	4685	-863	14134	0	14134	2503	16637	49.95
24	5149	327	426	5902	1144	3206	0	0	4075	4499	-752	13999	0	13999	2387	16386	49.98
MUs	121.05	7.41	9.97	138.43	29.23	80.18	0.00	1.91	123.39	129.63	-24.77	354.62	0.00	354.62	61.12	415.74	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 01/Aug/2017

Position as on 6.30 Hrs of 02/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	Khaparkheda Unit 2	210	14/06/2017	23.16		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 7	210	21/06/2017	01.24		Continued.	COH.	
IPP	JSW (J) U4	300	04/07/2017	20.41		Continued.	Annual Overhaul	
CENT.SECTOR	TARAPUR-3	540	11/07/2017	16.30		Continued.	Reactor Inspection Work	
IPP	Adani U-3	660	14/07/2017	23.48	01/08/2017	00.04	Annual Overhaul	
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)	
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.	
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)	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Aug/2017

Position as on 6.30 Hrs of 02/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-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		Continued.	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	Khaparkheda Unit 4	210	13/07/2017	03.36		Continued.	Drum level low. on Dated 14.07.2017 converted to zero schedule.	
MSPGCL	Nasik Unit 5	210	16/07/2017	00.00		Continued.	Zero Schedule By MSEDCL	
CPP	SWPGL U-3	135	27/07/2017	13.00	01/08/2017	15.12	ID Fan Problem	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	rbtv leakage attending work.	
IPP	VIPL U-2	300	30/07/2017	11.02	02/08/2017	04.27	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	31/07/2017	01.25		Continued.	Boiler Tube Leakage	
IPP	Adani U-3	660	01/08/2017	08.22		Continued.	Boiler Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 02/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	31/07/2017	22.11	01/08/2017	07.36	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	02/08/2017	02.12		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	12/07/2017	18.11	01/08/2017	07.02	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	16/07/2017	16.05		Continued.	HT	To control load
Karad-Jaigad - I	IntraState	28/07/2017	17.00		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	29/07/2017	19.55		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	01/08/2017	05.56	01/08/2017	07.37	HT	Attending Hot Spot
Khadka- Deepnagar Ckt 2	IntraState	01/08/2017	07.39	01/08/2017	18.55	PO	Fixing of damaged spacers cum vibration dampers
Bhusawal-Aurangabad	IntraState	01/08/2017	21.05		Continued.	T	Over Voltage
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.
Kalwa - Mulund 1	IntraState	01/08/2017	02.31	01/08/2017	07.54	EO	conductor replacement work.
Pirangut - Hinjawadi 2	IntraState	01/08/2017	09.53	01/08/2017	14.21	PO	Line Maintenance work
Kolhapur-Bidri	IntraState	01/08/2017	11.51	01/08/2017	16.05	PO	Testing Work
Pedhambe - Oni	IntraState	01/08/2017	13.31	01/08/2017	14.00	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)

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