

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Aug/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	139.586	1991.916	1) Gujrat	2.213	72.668
2) Hydro	4.086	129.696	2) Madhya Pradesh	14.224	267.944
3) Gas	10.294	150.263	3) Chattisgarh	5.630	91.300
Total MSPGCL	153.966	2271.875	4) Maharashtra Net	90.777	1496.222
B) 1) APML	32.963	745.681	5) Goa (Amona)	-0.352	-6.974
2) JSWEL	12.812	218.818	Total	112.492	1921.160
3) VIPL	5.742	95.424	a) Mumbai Schedule	23.107	333.214
4) RPL(AMT)	18.691	103.748	b) Mumbai Drawl	23.264	382.382
5) WPCL	2.688	47.531	c) MSEDCL Bilateral *	23.124	345.390
6) PGPL	0.000	0.000	Include PX	2.265	79.360
7) Other IPP	3.738	51.000	d) Mumbai Bilateral *	23.107	333.214
C) 1) TPCL Thermal	12.077	227.106	Include PX	7.176	105.213
2) TPCL Hydro	1.169	67.742	Include Standby	0.000	0.000
3) TPCL Gas	4.315	61.129	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	8.975	157.692	1) MSEDCL	334.197	5500.645
D) STATE			2) Mumbai Discoms	49.800	896.047
1) Thermal	237.272	3638.916	TOTAL STATE	383.997	6396.692
(A1+C1+C4+(B1-B6))					
2) Hydro	5.255	197.438			
(A2+C2)					
3) Gas	14.609	211.392			
(A3+B6+C3)					
4) Wind	12.364	401.109			
6) SOLAR	2.005	26.681			
TOTAL STATE	271.505	4475.536			

* 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 21 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	5719	5580	5835	5844
MSPGCL Hydro	155	396	340	308
MSPGCL Gas	427	429	433	445
MSPGCL Total Generation	6301	6405	6608	6597
Central Sector Receipt	6035	5383	3607	3641
WIND	272	325	580	429
CPP / IPP Thermal	3164	3142	3175	3141
CPP / IPP Gas	0	0	0	0
SOLAR	122	254	0	0
Exchange with Mumbai	-954	-1154	-891	-1043
MSEDCL DEMAND MET	14940	14355	13079	12765
Load Shedding	0	0	0	0
MSEDCL DEMAND	14940	14355	13079	12765
TPCL GENERATION	679	696	1070	869
R-INFRA GENERATION	374	373	374	374
MUMBAI DEMAND	2007	2223	2335	2286
STATE DEMAND MET	16947	16578	15414	15051
STATE DEMAND	16947	16578	15414	15051
Frequency (Hz)	50.01	49.98	49.97	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 18.01 Hrs	49.77 Hz at 05.23 Hrs	50	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 15/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	11.08	89.07	500	458
Unit 9	11.09	176.60	483	422
Unit 10	11.11	181.87	515	450
Total	33.28	447.54		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.98	16.30	170	165
Unit 4	8.88	166.59	460	355
Unit 5	1.69	1.69	230	0
Total	14.55	184.58		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	3.90	32.64	231	0
Unit 7	0.09	0.09	30	0
Unit 8	0.00	0.00	0	0
Total	4.00	32.73		
Chandrapur				
Unit 3	4.22	69.11	202	164
Unit 4	4.16	65.49	190	161
Unit 5	8.97	119.98	429	350
Unit 6	8.82	133.66	387	346
Unit 7	9.02	148.91	425	360
Unit 8	9.24	137.21	470	360
Unit 9	9.40	160.37	491	356
Total	53.82	834.74		
Paras				
Unit 3	4.66	83.41	244	188
Unit 4	4.73	83.66	243	187
Total	9.39	167.07		
Khaparkheda				
Unit 1	3.69	33.94	170	115
Unit 2	3.84	30.35	165	140
Unit 3	3.84	27.16	165	150
Unit 4	0.00	0.00	0	0
Unit 5	9.24	165.99	500	360
Total	20.61	257.43		
Nasik				
Unit 3	0.00	38.47	0	0
Unit 4	3.94	27.90	174	150
Unit 5	0.00	1.46	0	0
Total	3.94	67.82		
Uran				
All Units	10.29	150.26	445	413
Total	10.29	150.26		
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)	0.05	0.89	34	0
Total	0.05	0.89		
Koyna				
Stage 1-2	2.00	45.36	295	40
Stage 4	0.09	36.91	71	0
Stage 3	0.95	22.72	160	0
Total	3.04	104.99		
Hydro				
KDPH	0.00	1.25	0	0
VTRNA	0.26	5.18	61	0
TILLARI	0.00	0.60	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	5.99	80	0
RNGR+BHTSA	0.00	2.14	0	0
BHANDARDRA	0.34	5.14	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.11	4.41	5	4
GHATGHAR	0.00	0.00	0	0
Total	1.05	24.70		
Wind				
Total	12.36	401.11	0	0
Total	12.36	401.11		
CPP				
APML(Mus)	32.96	745.68	0	0
JSWEL(Mus)	12.81	218.82	0	0
VIPL(Mus)	5.74	95.42	0	0
RPLAMT(Mus)	18.69	103.75	0	0
WPCL(Mus)	2.69	47.53	0	0
Other(Mus)	3.74	51.00	0	0
Total	76.63	1262.20		
SOLAR				
Total	2.00	26.68	0	0
Total	2.00	26.68		
Tata				
Trombay 5	7.30	146.13	317	298
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.72	38.04	120	82
Trombay 7B	1.59	23.09	69	57
Trombay 8	4.77	80.97	202	197
TATA Hydro	1.17	67.74	383	0
Total	17.56	355.98		
R-INFRA				
DTPS U-1&2	8.98	157.69	376	372
Total	8.98	157.69		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	139.59	1991.92	MSPGCL Total	153.97	2271.88
			MSPGCL Thml+Gas	149.88	2142.18	Koyna 1,2 & 4 Total	2.09	82.27
			MSPGCL Hydro	4.09	129.70	State Total	271.50	4475.54

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/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	6527	65	438	7030	480	3306	0	0	4736	4596	-994	14418	0	14418	2080	16498	49.93
2	6224	65	430	6719	429	3339	0	0	4597	4478	-869	14096	0	14096	1943	16039	49.98
3	6004	60	438	6502	481	3322	0	0	4567	4530	-766	14069	0	14069	1837	15906	49.97
4	5721	65	429	6215	513	3285	0	0	4534	4469	-725	13757	0	13757	1754	15511	49.98
5	5656	70	437	6163	709	3213	0	0	4885	5077	-707	14455	0	14455	1736	16191	49.92
6	5815	60	430	6305	562	3257	0	0	5730	5776	-788	15112	0	15112	1817	16929	49.92
7	6165	65	441	6671	590	3308	0	9	6406	6025	-807	15796	0	15796	1861	17657	49.99
8	5902	90	442	6434	426	3330	0	63	6338	5960	-877	15336	0	15336	1936	17272	50.05
9	5719	155	427	6301	272	3164	0	122	5862	6035	-954	14940	0	14940	2007	16947	50.01
10	5733	271	433	6437	235	3112	0	182	4706	4922	-1075	13813	0	13813	2142	15955	50.02
11	5698	285	420	6403	287	3109	0	258	4849	4904	-1109	13852	0	13852	2177	16029	49.98
12	5659	370	417	6446	286	3139	0	277	5285	5449	-1159	14438	0	14438	2230	16668	49.96
13	5580	396	429	6405	325	3142	0	254	5327	5383	-1154	14355	0	14355	2223	16578	49.98
14	5521	178	418	6117	358	3131	0	258	5391	5490	-1106	14248	0	14248	2173	16421	50.04
15	5533	143	427	6103	508	3116	0	221	5388	5129	-1060	14017	0	14017	2120	16137	50.06
16	5581	68	413	6062	604	3120	0	171	5033	5015	-1029	13943	0	13943	2092	16035	50.01
17	5646	68	419	6133	646	3129	0	127	4245	4346	-1015	13366	0	13366	2074	15440	50.03
18	5771	68	432	6271	869	3158	0	55	3249	3626	-1022	12957	0	12957	2084	15041	50.04
19	5837	113	423	6373	992	3179	0	8	3189	3246	-1046	12752	0	12752	2105	14857	50.03
20	5869	138	423	6430	770	3173	0	0	3534	3541	-1016	12898	0	12898	2273	15171	50.02
21	5835	340	433	6608	580	3175	0	0	3366	3607	-891	13079	0	13079	2335	15414	49.97
22	5873	484	424	6781	576	3163	0	0	3070	3258	-906	12872	0	12872	2311	15183	50.00
23	5844	308	445	6597	429	3141	0	0	3529	3641	-1043	12765	0	12765	2286	15051	50.02
24	5873	161	426	6460	437	3125	0	0	3831	3989	-1146	12865	0	12865	2204	15069	50.00
MUs	139.59	4.09	10.29	153.97	12.36	76.63	0.00	2.01	111.65	112.49	-23.26	334.20	0.00	334.20	49.80	384.00	50.00

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 15/Aug/2017

Position as on 6.30 Hrs of 16/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	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	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	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.	Shutdown	
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	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	
MSPGCL	Parli Unit 7	250	13/06/2017	00.04	15/08/2017	19.43	Zero Schedule By MSEDCL, schedule issued on 00:00hrs of 09.08.2017 but synchronization delayed.	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Aug/2017

Position as on 6.30 Hrs of 16/Aug/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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-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	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.	
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.	
IPP	Adani U-2	660	11/08/2017	16.49		Continued.	Furnace Pressure High	
CPP	SWPGL U-4	135	11/08/2017	23.23		Continued.	Y ph ct of bhugaoan ckt burst.	
MSPGCL	Parli Unit 6	250	15/08/2017	12.30	15/08/2017	16.25	GTR Protection.	
MSPGCL	Parli Unit 7	250	16/08/2017	03.35	16/08/2017	06.03	Drum level low	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 16/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	14/08/2017	20.01	16/08/2017	06.25	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	10/08/2017	06.43		Continued.	HT	Emergency outage on padghe bblsr ckt.
Karad - Jaigad - II	IntraState	14/08/2017	16.31		Continued.	T	Over Voltage
karad -kolhapur-I	IntraState	14/08/2017	18.07	15/08/2017	06.48	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	14/08/2017	21.01	16/08/2017	06.24	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	15/08/2017	04.42		Continued.	T	Distance Protection
Padghe - Kalwa-II	IntraState	15/08/2017	09.52	15/08/2017	13.46	PO	Replacement Of Damaged Isolator
karad -kolhapur-II	IntraState	15/08/2017	16.11		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 Mva ICT I @Karad	IntraState	08/08/2017	06.15		Continued.	PO	REPLACEMENT OF Y PHASE UNIT(outage for 11 Days)
400/220KV 500MVA ICT1@koradi 2	IntraState	10/08/2017	11.39		Continued.	PO	Attend defects observed in OLTC of ICT 1.
400/220 KV 315MVA ICT II @ Parli	IntraState	15/08/2017	19.52	16/08/2017	05.29	T	Due to bursting of HV side Y-phase LA.
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.
Borivali - Tarapur	InterState	12/08/2017	12.50	15/08/2017	13.37	PO	Dp,D-22%,R-Y TO E,Conductor Snapped At Loc No 198
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.
Vita - Mhaishal	IntraState	01/07/2017	14.19		Continued.	PO	Bunching Work
Vita - Miraj	IntraState	01/07/2017	14.53		Continued.	PO	bunching work.
Parly-Parly Extn-I	IntraState	15/08/2017	19.50	15/08/2017	20.20	T	Differential 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							
Kanhan Pench	InterState	15/08/2017	12.52	15/08/2017	13.45	HT	Distance Protection
Kanhan Pench	InterState	15/08/2017	16.00	15/08/2017	16.35	HT	Distance Protection

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