

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Aug/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.936	997.744	1) Gujrat	3.719	41.691
2) Hydro	22.555	72.662	2) Madhya Pradesh	18.055	143.397
3) Gas	9.944	79.399	3) Chattisgarh	6.470	52.150
Total MSPGCL	168.435	1149.805	4) Maharashtra Net	95.900	775.344
B) 1) APLM	55.739	470.892	5) Goa (Amona)	-0.528	-3.828
2) JSWEL	14.849	119.744	Total	123.616	1008.754
3) VIPL	7.473	44.955	a) Mumbai Schedule	22.263	174.953
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.765	207.453
5) WPCL	2.653	29.105	c) MSEDCL Bilateral *	15.856	172.852
6) PGPL	0.000	0.000	Include PX	1.531	36.157
7) Other IPP	3.680	27.187	d) Mumbai Bilateral *	22.263	174.953
C) 1) TPCL Thermal	17.525	120.512	Include PX	6.165	57.941
2) TPCL Hydro	6.142	38.886	Include Standby	0.000	0.000
3) TPCL Gas	4.136	32.401	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.038	84.269	1) MSEDCL	374.522	2903.076
D) STATE			2) Mumbai Discoms	63.606	483.520
1) Thermal	249.893	1894.408	TOTAL STATE	438.128	3386.596
(A1+C1+C4+(B1-B6))					
2) Hydro	28.697	111.548			
(A2+C2)					
3) Gas	14.080	111.800			
(A3+B6+C3)					
4) Wind	19.996	246.014			
6) SOLAR	1.846	14.073			
TOTAL STATE	314.512	2377.843			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5722	5698	5647	5617
MSPGCL Hydro	1436	1387	1514	74
MSPGCL Gas	411	406	408	419
MSPGCL Total Generation	7569	7491	7569	6110
Central Sector Receipt	5856	5777	4811	4341
WIND	1024	1203	815	597
CPP / IPP Thermal	3452	3463	3437	3596
CPP / IPP Gas	0	0	0	0
SOLAR	250	196	0	0
Exchange with Mumbai	-1406	-1329	-1057	-522
MSEDCL DEMAND MET	16745	16801	15575	14122
Load Shedding	0	0	12	0
MSEDCL DEMAND	16745	16801	15587	14122
TPCL GENERATION	1324	1309	1363	855
R-INFRA GENERATION	499	501	503	502
MUMBAI DEMAND	3229	3139	2923	1879
STATE DEMAND MET	19974	19940	18498	16001
STATE DEMAND	19974	19940	18510	16001
Frequency (Hz)	49.94	49.92	49.81	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.1 Hz at 07.01 Hrs	49.65 Hz at 19.11 Hrs	49.94	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 08/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	0.00	54.66	0	0
Unit 9	12.38	91.25	577	400
Unit 10	12.70	96.17	610	450
Total	25.08	242.09		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	12.07	87.11	510	500
Unit 5	0.00	0.00	0	0
Total	12.07	87.11		
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	4.76	36.40	201	195
Unit 4	4.41	34.87	187	181
Unit 5	10.12	52.54	435	392
Unit 6	9.64	68.02	421	376
Unit 7	10.06	81.88	430	408
Unit 8	11.69	87.51	500	470
Unit 9	11.17	83.52	480	445
Total	61.84	444.74		
Paras				
Unit 3	5.68	44.21	250	208
Unit 4	5.91	44.42	251	237
Total	11.59	88.63		
Khaparkheda				
Unit 1	3.92	6.54	170	145
Unit 2	1.42	2.18	130	0
Unit 3	2.37	2.37	145	0
Unit 4	0.00	0.00	0	0
Unit 5	11.74	88.45	500	455
Total	19.44	99.54		
Nasik				
Unit 3	4.46	34.19	195	120
Unit 4	0.00	0.00	0	0
Unit 5	1.46	1.46	165	0
Total	5.92	35.64		
Uran				
All Units	9.94	79.40	429	398
Total	9.94	79.40		
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)	0.04	0.42	35	0
Total	0.04	0.42		
Koyna				
Stage 1-2	4.02	25.32	470	35
Stage 4	13.22	18.28	1030	0
Stage 3	4.14	11.55	240	0
Total	21.38	55.15		
Hydro				
KDPH	0.00	1.25	0	0
VTRNA	0.00	4.76	0	0
TILLARI	0.12	0.48	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.39	3.23	80	0
RNGR+BHTSA	0.00	1.82	0	0
BHANDARDRA	0.34	2.74	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.32	3.22	14	13
GHATGHAR	0.00	0.00	0	0
Total	1.17	17.51		
Wind				
Total	20.00	246.01	0	0
Total	20.00	246.01		
CPP				
APML(Mus)	55.74	470.89	0	0
JSWEL(Mus)	14.85	119.74	0	0
VIPL(Mus)	7.47	44.96	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.65	29.10	0	0
Other(Mus)	3.68	27.19	0	0
Total	84.39	691.88		
SOLAR				
Total	1.85	14.07	0	0
Total	1.85	14.07		
Tata				
Trombay 5	11.63	77.20	493	468
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.58	20.12	115	70
Trombay 7B	1.56	12.28	68	53
Trombay 8	5.89	43.31	248	243
TATA Hydro	6.14	38.89	451	0
Total	27.80	191.80		
R-INFRA				
DTPS U-1&2	12.04	84.27	503	499
Total	12.04	84.27		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	135.94	997.74
MSPGCL Thml+Gas	145.88	1077.14
MSPGCL Hydro	22.56	72.66

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	168.44	1149.80
Koyna 1,2 & 4 Total	17.24	43.60
State Total	314.51	2377.84

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 08/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 SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5387	611	427	6425	583	3635	0	0	4474	4539	-737	14445	0	14445	2245	16690	49.93
2	5451	326	418	6195	561	3604	0	0	4462	4361	-586	14135	0	14135	2076	16211	49.97
3	5593	82	421	6096	587	3594	0	0	4390	4425	-504	14198	0	14198	1952	16150	50.00
4	5617	74	419	6110	597	3596	0	0	4406	4341	-522	14122	0	14122	1879	16001	50.00
5	5625	64	419	6108	654	3601	0	0	4695	4591	-533	14421	0	14421	1874	16295	49.97
6	5661	311	429	6401	746	3603	0	0	4855	4982	-584	15148	0	15148	1970	17118	49.94
7	5699	1283	420	7402	617	3606	0	8	5466	5383	-732	16284	0	16284	2120	18404	49.96
8	5638	1422	420	7480	559	3598	0	47	5670	6194	-930	16948	0	16948	2358	19306	50.02
9	5668	1456	418	7542	787	3538	0	119	5856	6028	-1059	16955	0	16955	2555	19510	49.99
10	5783	1210	414	7407	863	3494	0	181	5407	5663	-1263	16345	0	16345	2970	19315	49.94
11	5879	1216	412	7507	933	3435	0	195	5480	5815	-1318	16567	0	16567	3139	19706	49.93
12	5722	1436	411	7569	1024	3452	0	250	5658	5856	-1406	16745	0	16745	3229	19974	49.94
13	5628	1428	398	7454	914	3461	0	232	5634	5754	-1391	16424	0	16424	3213	19637	49.92
14	5656	1450	408	7514	1031	3476	0	200	5476	5609	-1268	16562	0	16562	3084	19646	49.91
15	5684	1340	408	7432	1047	3479	0	214	5469	5714	-1318	16568	0	16568	3130	19698	49.95
16	5698	1387	406	7491	1203	3463	0	196	5600	5777	-1329	16801	0	16801	3139	19940	49.92
17	5725	979	409	7113	1244	3415	0	121	5372	5671	-1307	16257	0	16257	3119	19376	49.97
18	5753	819	410	6982	1200	3428	0	67	5149	5433	-1396	15714	0	15714	3046	18760	49.97
19	5742	379	410	6531	942	3417	0	16	5016	5154	-1183	14877	0	14877	2945	17822	49.92
20	5647	1514	408	7569	815	3437	0	0	4718	4811	-1057	15575	12	15587	2923	18510	49.81
21	5584	1577	423	7584	752	3480	0	0	4446	4231	-1013	15034	0	15034	2844	17878	49.88
22	5648	1091	406	7145	782	3546	0	0	4366	4454	-865	15062	0	15062	2679	17741	49.90
23	5752	522	415	6689	757	3553	0	0	4319	4242	-774	14467	0	14467	2604	17071	49.91
24	5696	578	415	6689	798	3485	0	0	4248	4588	-690	14870	0	14870	2513	17383	49.92
MUs	135.94	22.55	9.94	168.43	20.00	84.39	0.00	1.85	120.63	123.62	-23.76	374.52	0.01	374.53	63.61	438.14	49.94

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 08/Aug/2017

Position as on 6.30 Hrs of 09/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)	
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								
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 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	
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 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	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 08/Aug/2017

Position as on 6.30 Hrs of 09/Aug/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							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 3	210	12/07/2017	08.40	08/08/2017	04.20	Boiler Tube Leakage. on date 13.07.2017 converted to zero schedule.	
MSPGCL	Nasik Unit 5	210	16/07/2017	00.00	08/08/2017	06.55	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	rbtn 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.	
MSPGCL	Khaparkheda Unit 2	210	08/08/2017	07.08	08/08/2017	16.05	Generator Voltage High	
MSPGCL	Khaparkheda Unit 2	210	08/08/2017	18.52	08/08/2017	21.17	Generator Under voltage	
MSPGCL	Nasik Unit 5	210	09/08/2017	00.04		Continued.	ID Fan Problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 09/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	07/08/2017	16.14	08/08/2017	06.03	HT	Over Voltage
Karad - Jaigad - II	IntraState	03/08/2017	13.08		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	07/08/2017	10.17	08/08/2017	06.57	PO	Routine Maintenance Work
karad -kolhapur-I	IntraState	07/08/2017	16.14	08/08/2017	06.44	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	07/08/2017	18.28	08/08/2017	06.09	HT	Over Voltage
New Koyna - Koyna Stage IV-II	IntraState	08/08/2017	09.31	08/08/2017	22.38	PO	Routine Maintenance Work
Chandrapur-Parali III	IntraState	08/08/2017	11.13	08/08/2017	17.03	PO	Line Signature Testing
Alkud-Kolhapur(Talandage)	IntraState	08/08/2017	11.38	08/08/2017	19.01	PO	Main Bus-I Outage at Alkud
karad -kolhapur-I	IntraState	08/08/2017	16.38		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/08/2017	18.11	09/08/2017	06.42	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)
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.
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.
Shivajinagar - Malegaon	IntraState	07/08/2017	14.00	08/08/2017	03.24	PO	Attending Hot Spot Work Tripped While Charging L.A.burst at Shivajinagar End
Pedambe-Nerle	IntraState	08/08/2017	01.09	08/08/2017	19.30	T	Distance Protection
Hingoli- Girawali	IntraState	08/08/2017	10.09	08/08/2017	12.41	PO	Repl.of Disc Insulator
Khaparkheda-Ambazari-I	IntraState	08/08/2017	12.10	08/08/2017	15.35	PO	online Backup Relay Retrofitting work
Dasturi-Kandalgaon Line	IntraState	08/08/2017	13.50	08/08/2017	14.02	T	Distance Protection
Nagar-Bose I	IntraState	08/08/2017	17.46	09/08/2017	00.03	T	Distance Protection
Nagar-Bose II	IntraState	08/08/2017	21.43	09/08/2017	00.04	HT	To attend Fault on Nagar-Bose-I for safety clearance
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)
220/132 KV 200MVA ict 1@Nasik GCR	IntraState	08/08/2017	09.37	08/08/2017	17.15	PO	Attending Oil Leakage
220KV/132KV 200MVA ICT III @ Miraj	IntraState	08/08/2017	16.00	08/08/2017	20.10	PO	Measurment of Tan Delta and SFRA of ICT

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