

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Aug/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.135	861.808	1) Gujrat	4.650	37.972
2) Hydro	9.355	50.779	2) Madhya Pradesh	19.258	125.342
3) Gas	10.002	69.455	3) Chattisgarh	6.920	45.680
Total MSPGCL	148.492	982.042	4) Maharashtra Net	104.136	679.444
B) 1) APML	58.058	415.153	5) Goa (Amona)	-0.440	-3.300
2) JSWEL	13.819	104.895	Total	134.524	885.138
3) VIPL	7.476	37.482	a) Mumbai Schedule	20.953	152.689
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.545	183.688
5) WPCL	2.436	26.452	c) MSEDCL Bilateral *	27.602	156.996
6) PGPL	0.000	0.000	Include PX	8.995	34.625
7) Other IPP	3.130	23.507	d) Mumbai Bilateral *	20.953	152.689
C) 1) TPCL Thermal	16.104	102.987	Include PX	5.085	51.776
2) TPCL Hydro	5.434	32.744	Include Standby	0.000	0.000
3) TPCL Gas	4.003	28.265	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.492	72.231	1) MSEDCL	365.098	2529.226
D) STATE			2) Mumbai Discoms	59.578	419.914
1) Thermal	241.650	1644.515	TOTAL STATE	424.676	2949.140
(A1+C1+C4+(B1-B6))					
2) Hydro	14.789	83.523			
(A2+C2)					
3) Gas	14.005	97.720			
(A3+B6+C3)					
4) Wind	18.536	226.018			
6) SOLAR	1.172	12.227			
TOTAL STATE	290.152	2064.003			

* 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 4 Hrs
MSPGCL Thermal	5637	5468	5305	5274
MSPGCL Hydro	432	956	747	78
MSPGCL Gas	433	413	416	419
MSPGCL Total Generation	6502	6837	6468	5771
Central Sector Receipt	7312	6653	4139	4572
WIND	470	461	897	847
CPP / IPP Thermal	3569	3507	3562	3544
CPP / IPP Gas	0	0	0	0
SOLAR	87	145	0	0
Exchange with Mumbai	-893	-1215	-773	-574
MSEDCL DEMAND MET	17047	16388	14292	14160
Load Shedding	0	0	0	0
MSEDCL DEMAND	17047	16388	14292	14160
TPCL GENERATION	1083	1217	1331	824
R-INFRA GENERATION	501	504	502	501
MUMBAI DEMAND	2477	2936	2606	1899
STATE DEMAND MET	19524	19324	16898	16059
STATE DEMAND	19524	19324	16898	16059
Frequency (Hz)	50.00	49.94	49.98	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 16.05 Hrs	49.74 Hz at 23.05 Hrs	49.97	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 07/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	12.15	78.88	600	451
Unit 10	13.29	83.46	620	460
Total	25.44	217.00		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	11.76	75.04	505	365
Unit 5	0.00	0.00	0	0
Total	11.76	75.04		
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	4.78	31.64	201	190
Unit 4	4.42	30.46	187	180
Unit 5	9.79	42.42	415	400
Unit 6	9.66	58.38	437	360
Unit 7	10.06	71.82	425	408
Unit 8	11.44	75.82	500	430
Unit 9	10.75	72.35	498	374
Total	60.91	382.90		
Paras				
Unit 3	5.66	38.53	250	190
Unit 4	5.82	38.50	255	191
Total	11.48	77.03		
Khaparkheda				
Unit 1	2.62	2.62	165	0
Unit 2	0.77	0.77	120	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.63	76.72	500	360
Total	15.02	80.11		
Nasik				
Unit 3	4.51	29.73	196	160
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	4.51	29.73		
Uran				
All Units	10.00	69.46	433	408
Total	10.00	69.46		
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	0.38	0	0
Total	0.00	0.38		
Koyna				
Stage 1-2	4.35	21.30	435	40
Stage 4	2.47	5.06	492	0
Stage 3	1.28	8.08	160	0
Total	8.10	34.44		
Hydro				
KDPH	0.00	1.25	0	0
VTRNA	0.20	4.76	61	0
TILLARI	0.00	0.36	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	2.85	80	0
RNGR+BHTSA	0.00	1.82	0	0
BHANDARDRA	0.34	2.40	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.43	2.90	19	18
GHATGHAR	0.00	0.00	0	0
Total	1.26	16.34		
Wind				
Total	18.54	226.02	0	0
Total	18.54	226.02		
CPP				
APML(Mus)	58.06	415.15	0	0
JSWEL(Mus)	13.82	104.90	0	0
VIPL(Mus)	7.48	37.48	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.44	26.45	0	0
Other(Mus)	3.13	23.51	0	0
Total	84.92	607.49		
SOLAR				
Total	1.17	12.23	0	0
Total	1.17	12.23		
Tata				
Trombay 5	10.41	65.57	490	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.48	17.54	116	64
Trombay 7B	1.52	10.73	68	51
Trombay 8	5.69	37.42	247	198
TATA Hydro	5.43	32.74	418	0
Total	25.54	164.00		
R-INFRA				
DTPS U-1&2	11.49	72.23	504	373
Total	11.49	72.23		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	129.14	861.81	MSPGCL Total	148.49	982.04
			MSPGCL Thml+Gas	139.14	931.26	Koyna 1,2 & 4 Total	6.82	26.36
			MSPGCL Hydro	9.36	50.78	State Total	290.15	2064.00

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/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	5339	405	419	6163	861	3598	0	0	4490	4824	-899	14548	0	14548	2252	16800	49.96
2	5337	549	418	6304	852	3593	0	0	4168	4560	-776	14533	0	14533	2098	16631	49.96
3	5291	137	419	5847	799	3566	0	0	4468	4520	-646	14086	0	14086	1973	16059	49.96
4	5274	78	419	5771	847	3544	0	0	4399	4572	-574	14160	0	14160	1899	16059	49.97
5	5343	88	419	5850	775	3573	0	0	4765	4970	-562	14605	0	14605	1885	16490	50.00
6	5422	78	419	5919	818	3585	0	0	5285	5398	-644	15076	0	15076	1959	17035	49.99
7	5486	173	419	6078	704	3607	0	1	6280	6439	-701	16128	0	16128	2031	18159	49.93
8	5547	347	421	6315	550	3589	0	31	6626	6795	-835	16445	0	16445	2257	18702	50.00
9	5637	432	433	6502	470	3569	0	87	6777	7312	-893	17047	0	17047	2477	19524	50.00
10	5623	539	419	6581	461	3562	0	118	6339	6505	-1103	16123	0	16123	2763	18886	49.99
11	5547	553	417	6517	432	3542	0	130	6329	6567	-1214	15974	0	15974	2963	18937	49.93
12	5482	664	416	6562	420	3526	0	142	6578	6817	-1200	16266	0	16266	2965	19231	49.98
13	5468	956	413	6837	461	3507	0	145	6594	6653	-1215	16388	0	16388	2936	19324	49.94
14	5493	357	411	6261	572	3498	0	131	6745	7024	-1147	16338	0	16338	2819	19157	50.01
15	5510	170	408	6088	867	3481	0	115	6938	6716	-1127	16140	0	16140	2844	18984	50.00
16	5489	77	410	5976	1080	3483	0	125	6793	6762	-1253	16172	0	16172	2803	18975	50.01
17	5299	77	410	5786	1211	3477	0	84	5739	6105	-1314	15349	0	15349	2748	18097	50.03
18	4862	197	420	5479	1253	3481	0	57	5189	5633	-1312	14590	0	14590	2679	17269	49.98
19	4883	157	412	5452	1309	3479	0	6	5039	5037	-1197	14086	0	14086	2551	16637	49.94
20	5275	218	414	5907	1019	3517	0	0	4619	4591	-895	14138	0	14138	2618	16756	49.93
21	5305	747	416	6468	897	3562	0	0	4325	4139	-773	14292	0	14292	2606	16898	49.98
22	5353	840	416	6609	747	3539	0	0	4267	4088	-710	14272	0	14272	2532	16804	49.94
23	5456	717	418	6591	593	3526	0	0	4247	4180	-682	14208	0	14208	2494	16702	49.97
24	5414	799	416	6629	538	3518	0	0	4272	4321	-873	14133	0	14133	2426	16559	49.93
MUs	129.13	9.36	10.00	148.49	18.54	84.92	0.00	1.17	131.27	134.52	-22.55	365.10	0.00	365.10	59.58	424.68	49.97

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 07/Aug/2017

Position as on 6.30 Hrs of 08/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	07/08/2017	09.33	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	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								
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 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.	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 07/Aug/2017

Position as on 6.30 Hrs of 08/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	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		Continued.	Zero Schedule By MSEDCL	
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	Khaparkheda Unit 2	210	07/08/2017	15.30	07/08/2017	21.15	generator voltage high	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 07/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 08/Aug/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Raichur(PG)-Solapur(PG)- II	InterState	07/08/2017	09.38	07/08/2017	14.29	EO	Attending Hot Spot
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 I	InterState	06/08/2017	18.06	07/08/2017	06.36	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	07/08/2017	16.14	08/08/2017	06.03	HT	Over Voltage
Ektuni-Bableswhar ckt II	IntraState	16/07/2017	16.05	07/08/2017	07.07	HT	To control load
Karad - Jaigad - II	IntraState	03/08/2017	13.08		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	05/08/2017	20.27	07/08/2017	06.43	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	06/08/2017	20.05	07/08/2017	06.36	HT	Over Voltage
Dhule- Bableswhar - I	IntraState	07/08/2017	10.17	08/08/2017	06.57	PO	Routine Maintenance Work
koaradi II - Wardha(PG)	IntraState	07/08/2017	12.28	07/08/2017	19.50	PO	line signature analysis test
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
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
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.
Parly-Parly Extn-I	IntraState	07/08/2017	11.08	07/08/2017	14.45	PO	Quarterly Maintainance Work
Talandge-Hamidwada	IntraState	07/08/2017	12.09	07/08/2017	16.46	PO	relay testing work
Kharghar-Borivali ckt II	IntraState	07/08/2017	12.23		Continued.	T	Distance Protection
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	02.20		Continued.	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