

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Aug/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.267	1276.576	1) Gujrat	5.640	51.398
2) Hydro	7.782	95.411	2) Madhya Pradesh	19.875	181.994
3) Gas	10.080	99.540	3) Chattisgarh	5.620	64.000
Total MSPGCL	158.129	1471.527	4) Maharashtra Net	104.128	983.466
B) 1) APML	50.629	577.406	5) Goa (Amona)	-0.484	-4.796
2) JSWEL	14.168	146.654	Total	134.779	1276.062
3) VIPL	7.367	59.781	a) Mumbai Schedule	23.743	221.974
4) RPL(AMT)	9.978	11.847	b) Mumbai Drawl	26.157	258.757
5) WPCL	2.554	33.775	c) MSEDCL Bilateral *	24.100	216.269
6) PGPL	0.000	0.000	Include PX	9.257	50.326
7) Other IPP	3.238	33.135	d) Mumbai Bilateral *	23.743	221.974
C) 1) TPCL Thermal	16.359	154.004	Include PX	7.630	72.735
2) TPCL Hydro	5.420	50.111	Include Standby	0.000	0.000
3) TPCL Gas	4.220	40.649	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.907	106.692	1) MSEDCL	375.495	3654.871
D) STATE			2) Mumbai Discoms	63.063	610.212
1) Thermal	255.467	2399.870	TOTAL STATE	438.558	4265.083
(A1+C1+C4+(B1-B6))					
2) Hydro	13.202	145.522			
(A2+C2)					
3) Gas	14.300	140.189			
(A3+B6+C3)					
4) Wind	19.118	286.127			
6) SOLAR	1.692	17.314			
TOTAL STATE	303.779	2989.022			

* 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 3 Hrs
MSPGCL Thermal	5895	5964	5977	5681
MSPGCL Hydro	850	63	458	87
MSPGCL Gas	416	422	397	426
MSPGCL Total Generation	7161	6449	6832	6194
Central Sector Receipt	6134	6192	4915	4752
WIND	634	1365	1084	697
CPP / IPP Thermal	3727	3892	3738	3493
CPP / IPP Gas	0	0	0	0
SOLAR	275	168	0	0
Exchange with Mumbai	-1457	-1302	-1096	-856
MSEDCL DEMAND MET	16474	16764	15473	14280
Load Shedding	0	0	0	0
MSEDCL DEMAND	16474	16764	15473	14280
TPCL GENERATION	1252	1274	1310	704
R-INFRA GENERATION	498	504	493	375
MUMBAI DEMAND	3207	3080	2899	1935
STATE DEMAND MET	19681	19844	18372	16215
STATE DEMAND	19681	19844	18372	16215
Frequency (Hz)	50.01	49.99	49.97	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 02.55 Hrs	49.83 Hz at 21.20 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 10/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	12.20	115.47	531	500
Unit 10	11.66	120.24	540	310
Total	23.87	290.38		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	12.02	111.26	520	455
Unit 5	0.00	0.00	0	0
Total	12.02	111.26		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.33	5.92	250	141
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	5.33	5.92		
Chandrapur				
Unit 3	4.79	45.90	204	196
Unit 4	4.40	43.65	187	174
Unit 5	9.34	71.55	400	365
Unit 6	9.39	86.65	420	355
Unit 7	9.36	101.12	407	324
Unit 8	11.53	110.93	500	440
Unit 9	10.84	105.46	493	400
Total	59.64	565.24		
Paras				
Unit 3	5.52	55.38	250	215
Unit 4	5.93	56.10	255	228
Total	11.45	111.48		
Khaparkheda				
Unit 1	4.07	14.73	175	160
Unit 2	3.98	9.90	195	110
Unit 3	3.65	9.55	160	145
Unit 4	0.00	0.00	0	0
Unit 5	11.77	111.98	500	440
Total	23.47	146.16		
Nasik				
Unit 3	0.00	38.47	0	0
Unit 4	4.48	6.20	204	161
Unit 5	0.00	1.46	0	0
Total	4.48	46.12		
Uran				
All Units	10.08	99.54	442	397
Total	10.08	99.54		
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	0.53	35	0
Total	0.05	0.53		
Koyna				
Stage 1-2	1.86	31.90	190	40
Stage 4	3.46	28.17	727	0
Stage 3	1.37	15.54	160	0
Total	6.69	75.61		
Hydro				
KDPH	0.00	1.25	0	0
VTRNA	0.00	4.93	0	0
TILLARI	0.00	0.48	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	4.10	80	0
RNGR+BHTSA	0.20	2.14	17	0
BHANDARDRA	0.34	3.42	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.10	3.48	5	4
GHATGHAR	0.00	0.00	0	0
Total	1.09	19.80		
Wind				
Total	19.12	286.13	0	0
Total	19.12	286.13		
CPP				
APML(Mus)	50.63	577.41	0	0
JSWEL(Mus)	14.17	146.65	0	0
VIPL(Mus)	7.37	59.78	0	0
RPLAMT(Mus)	9.98	11.85	0	0
WPCL(Mus)	2.55	33.78	0	0
Other(Mus)	3.24	33.14	0	0
Total	87.93	862.60		
SOLAR				
Total	1.69	17.31	0	0
Total	1.69	17.31		
Tata				
Trombay 5	10.75	99.29	490	297
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.65	25.27	115	90
Trombay 7B	1.57	15.38	67	60
Trombay 8	5.61	54.71	247	200
TATA Hydro	5.42	50.11	407	0
Total	26.00	244.76		
R-INFRA				
DTPS U-1&2	10.91	106.69	505	372
Total	10.91	106.69		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	140.27	1276.58	MSPGCL Total	158.13	1471.53
			MSPGCL Thml+Gas	150.35	1376.12	Koyna 1,2 & 4 Total	5.32	60.06
			MSPGCL Hydro	7.78	95.41	State Total	303.78	2989.02

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/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	5702	143	423	6268	721	3551	0	0	4620	4893	-848	14585	0	14585	2277	16862	49.99
2	5709	82	434	6225	644	3504	0	0	4528	5098	-904	14567	0	14567	2125	16692	50.03
3	5681	87	426	6194	697	3493	0	0	4376	4752	-856	14280	0	14280	1935	16215	50.05
4	5666	87	424	6177	677	3396	0	0	4343	4921	-810	14361	0	14361	1866	16227	50.03
5	5584	81	434	6099	634	3386	0	0	4725	5220	-791	14548	0	14548	1851	16399	50.00
6	5617	226	425	6268	595	3502	0	0	5368	5879	-694	15550	0	15550	1960	17510	50.01
7	5812	446	421	6679	598	3470	0	8	6410	6461	-734	16482	0	16482	2136	18618	50.00
8	5930	370	424	6724	513	3494	0	49	6531	6877	-822	16835	0	16835	2276	19111	50.03
9	5898	529	442	6869	612	3546	0	78	6591	6890	-1159	16836	0	16836	2693	19529	50.01
10	5839	907	419	7165	698	3578	0	109	6289	6349	-1249	16650	0	16650	2898	19548	49.98
11	5872	1173	410	7455	644	3621	0	176	6306	5943	-1416	16423	0	16423	3155	19578	50.04
12	5895	850	416	7161	634	3727	0	275	6297	6134	-1457	16474	0	16474	3207	19681	50.01
13	5867	629	414	6910	540	3866	0	292	6227	6276	-1419	16465	0	16465	3172	19637	49.97
14	5917	428	413	6758	645	3765	0	241	6175	6075	-1261	16223	0	16223	3000	19223	50.00
15	5895	132	416	6443	967	3913	0	181	6179	6110	-1278	16336	0	16336	3033	19369	49.95
16	5964	63	422	6449	1365	3892	0	168	6185	6192	-1302	16764	0	16764	3080	19844	49.99
17	5915	203	412	6530	1236	3804	0	75	5571	6184	-1267	16562	0	16562	3048	19610	49.93
18	5895	133	414	6442	1295	3720	0	33	5242	5595	-1335	15750	0	15750	3014	18764	50.02
19	5894	106	411	6411	1137	3696	0	7	5266	5400	-1311	15340	0	15340	2873	18213	49.97
20	5977	458	397	6832	1084	3738	0	0	5128	4915	-1096	15473	0	15473	2899	18372	49.97
21	5944	358	417	6719	984	3793	0	0	4797	4457	-1020	14933	0	14933	2798	17731	49.96
22	5919	148	416	6483	804	3821	0	0	4713	4748	-1032	14824	0	14824	2694	17518	49.95
23	5918	85	420	6423	657	3832	0	0	4621	4647	-1061	14498	0	14498	2592	17090	50.00
24	5957	58	430	6445	737	3826	0	0	4511	4763	-1035	14736	0	14736	2481	17217	50.02
MUs	140.27	7.78	10.08	158.13	19.12	87.93	0.00	1.69	131.00	134.78	-26.16	375.50	0.00	375.50	63.06	438.56	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 10/Aug/2017

Position as on 6.30 Hrs of 11/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	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.	
IPP	RPL(AMT) U-3	270	05/06/2017	14.31	10/08/2017	01.17	swapping with unit-5(converted to Zero	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Aug/2017

Position as on 6.30 Hrs of 11/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	
MSPGCL	Parli Unit 7	250	13/06/2017	00.04		Continued.	Zero Schedule By MSEDCL, schedule issued on 00:00hrs of 09.08.2017 but synchronization delayed.	
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 8	250	17/06/2017	00.08		Continued.	Zero Schedule by MSEDCL, scheduled issued on 08.08.2017 but synchronization delayed.	
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.	
MSPGCL	Nasik Unit 5	210	09/08/2017	00.00		Continued.	ID Fan Problem	
MSPGCL	Nasik Unit 3	210	10/08/2017	00.00		Continued.	Withdrawn for maintenance work.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 11/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 I	InterState	10/08/2017	19.16	11/08/2017	06.35	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	09/08/2017	06.54	10/08/2017	17.04	EO	for string replacement work.
N.Koyna-Karad -Ckt I	IntraState	09/08/2017	08.34	10/08/2017	08.29	PO	R.M.Work(RFC 19.30Hrs)
Karad - Jaigad - II	IntraState	09/08/2017	17.01		Continued.	HT	Over Voltage
Ektuni-Bableshtar ckt I	IntraState	10/08/2017	06.43		Continued.	HT	Emergency outage on padghe bblsr ckt.
Karad - Jaigad - II	IntraState	10/08/2017	10.00		Continued.	EO	replacement of CVT
Lonikand 1 - Talegaon(Pgcil)	IntraState	10/08/2017	14.31	10/08/2017	18.34	PO	Attending Hot Spot
Bhusawal-Aurangabad	IntraState	10/08/2017	19.20		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	10/08/2017	19.20		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)
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	10/08/2017	08.29	10/08/2017	11.51	EO	Attending Oil Leakage
400/220 KV 500MVA ICT II @ Nanded	IntraState	10/08/2017	10.49	11/08/2017	01.46	PO	testing work.
400/220KV 500MVA ICT1@koradi 2	IntraState	10/08/2017	11.39		Continued.	PO	Attend defects observed in OLTC of ICT 1.
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.
Solapur(PG)- Jeur	InterState	09/08/2017	19.37	10/08/2017	10.00	T	Distance Protection
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.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	09/08/2017	19.21		Continued.	PO	Disc insulator replacement
Vsnl-512 Khadki	IntraState	10/08/2017	08.04	10/08/2017	09.47	T	Attending Hot Spot
Nashik-Padgha	IntraState	10/08/2017	09.46	10/08/2017	17.13	HT	To control loading.
Goregaon Versova Line 2	IntraState	10/08/2017	09.51	10/08/2017	18.44	PO	isolator replacement work.
Dasturi-Kandalgaon Line	IntraState	10/08/2017	10.14	10/08/2017	17.30	PO	relay testing work.
Chakan-Chinchwad	IntraState	10/08/2017	10.50	10/08/2017	20.25	HT	Line Maintenance work
khaparkheda-Khaparkheda(new)-I	IntraState	10/08/2017	11.00	10/08/2017	14.40	T	Wiring work of load trimming scheme.
Trombay - Kalwa	IntraState	10/08/2017	13.25	10/08/2017	17.18	HT	Attending Hot Spot
Kalwa - Borivali	IntraState	10/08/2017	16.11	10/08/2017	19.04	EO	Attending Hot Spot
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 100 Mva Cgl Ict 2 @Amalner	IntraState	10/08/2017	10.37	10/08/2017	19.11	PO	Replacment of R,Y,B ph lv ct of ICT 2.
220/132kv 100MVA ICT-II @ Alephata	IntraState	10/08/2017	10.50	10/08/2017	15.50	PO	testing work.
220/132kv 100 Mva Imp Ict 1	IntraState	10/08/2017	11.12	10/08/2017	15.18	PO	Tan Delta Measurment of CTs

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Aug/2017

Statement-VII

Position as on 6.30 Hrs of 11/Aug/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Limbala Midc Hingoli							
220/132kv 100 Mva Imp lct 2 @Limbala Midc Hingoli	IntraState	10/08/2017	15.47	10/08/2017	18.43	PO	Tan Delta Measurment of CTs
132 KV LINE Outages/Trippings							
Paras-Malkapur	IntraState	10/08/2017	03.48	10/08/2017	04.20	T	Distance Protection
Akola-Paras Ckt-li	IntraState	10/08/2017	03.48	10/08/2017	10.30	T	Distance Protection