

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	105.848	105.848	1) Gujrat	-1.817	-1.817
2) Hydro	5.095	5.095	2) Madhya Pradesh	15.754	15.754
3) Gas	9.864	9.864	3) Chattisgarh	7.420	7.420
Total MSPGCL	120.807	120.807	4) Maharashtra Net	118.560	118.560
B) 1) APML	37.674	37.674	5) Goa (Amona)	-0.088	-0.088
2) JSWEL	25.120	25.120	Total	139.829	139.829
3) VIPL	6.610	6.610	a) Mumbai Schedule	25.401	25.401
4) RPL(AMT)	17.466	17.466	b) Mumbai Drawl	30.931	30.931
5) WPCL	2.206	2.206	c) MSEDCL Bilateral *	33.126	33.126
6) PGPL	0.000	0.000	Include PX	8.055	8.055
7) Other IPP	6.437	6.437	d) Mumbai Bilateral *	25.401	25.401
C) 1) TPCL Thermal	14.941	14.941	Include PX	5.675	5.675
2) TPCL Hydro	0.790	0.790	Include Standby	0.000	0.000
3) TPCL Gas	2.930	2.930	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.349	5.349	1) MSEDCL	333.730	333.730
D) STATE			2) Mumbai Discoms	54.941	54.941
1) Thermal	221.651	221.651	TOTAL STATE	388.671	388.671
(A1+C1+C4+(B1-B6))					
2) Hydro	5.885	5.885			
(A2+C2)					
3) Gas	12.794	12.794			
(A3+B6+C3)					
4) Wind	6.394	6.394			
6) SOLAR	2.118	2.118			
TOTAL STATE	248.842	248.842			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4326	4417	4716	4303
MSPGCL Hydro	130	79	1132	80
MSPGCL Gas	388	396	405	429
MSPGCL Total Generation	4844	4892	6253	4812
Central Sector Receipt	7040	7473	5338	4492
WIND	261	85	290	287
CPP / IPP Thermal	4153	4137	4292	3606
CPP / IPP Gas	0	0	0	0
SOLAR	303	216	0	0
Exchange with Mumbai	-1419	-1358	-1193	-1156
MSEDCL DEMAND MET	15182	15444	14980	12042
Load Shedding	0	0	0	0
MSEDCL DEMAND	15182	15444	14980	12042
TPCL GENERATION	762	855	1073	629
R-INFRA GENERATION	238	251	251	191
MUMBAI DEMAND	2419	2464	2517	1976
STATE DEMAND MET	17601	17908	17497	14018
STATE DEMAND	17601	17908	17497	14018
Frequency (Hz)	49.99	50.02	50.03	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 17.47 Hrs	49.85 Hz at 00.07 Hrs	50.01	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/Oct/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	10.11	10.11	531	290
Unit 9	0.00	0.00	0	0
Unit 10	10.56	10.56	490	380
Total	20.67	20.67		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.73	7.73	405	300
Unit 5	7.88	7.88	405	305
Total	15.61	15.61		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.24	4.24	180	173
Unit 7	0.00	0.00	0	0
Unit 8	4.15	4.15	185	163
Total	8.39	8.39		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	1.03	1.03	146	0
Unit 5	9.24	9.24	412	350
Unit 6	0.00	0.00	0	0
Unit 7	8.95	8.95	390	358
Unit 8	8.51	8.51	400	320
Unit 9	8.51	8.51	395	329
Total	36.24	36.24		
Paras				
Unit 3	4.04	4.04	176	159
Unit 4	4.03	4.03	176	158
Total	8.07	8.07		
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	8.99	8.99	480	354
Total	8.99	8.99		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.93	3.93	178	153
Unit 5	3.93	3.93	174	160
Total	7.87	7.87		
Uran				
All Units	9.86	9.86	442	386
Total	9.86	9.86		
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	0.00	0	0
Total	0.00	0.00		
Koyna				
Stage 1-2	2.15	2.15	305	40
Stage 4	1.40	1.40	594	0
Stage 3	0.59	0.59	160	0
Total	4.15	4.15		
Hydro				
KDPH	0.18	0.18	8	7
VTRNA	0.23	0.23	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	0.08	77	0
RNGR+BHTSA	0.32	0.32	16	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.14	0.14	6	5
GHATGHAR	0.00	0.00	0	0
Total	0.95	0.95		
Wind				
Total	6.39	6.39	0	0
Total	6.39	6.39		
CPP				
APML(Mus)	37.67	37.67	0	0
JSWEL(Mus)	25.12	25.12	0	0
VIPL(Mus)	6.61	6.61	0	0
RPLAMT(Mus)	17.47	17.47	0	0
WPCL(Mus)	2.21	2.21	0	0
Other(Mus)	6.44	6.44	0	0
Total	95.51	95.51		
SOLAR				
Total	2.12	2.12	0	0
Total	2.12	2.12		
Tata				
Trombay 5	9.55	9.55	487	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.66	1.66	79	62
Trombay 7B	1.28	1.28	56	49
Trombay 8	5.39	5.39	248	200
TATA Hydro	0.79	0.79	218	0
Total	18.66	18.66		
R-INFRA				
DTPS U-1&2	5.35	5.35	252	187
Total	5.35	5.35		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	105.85	105.85	MSPGCL Total	120.81	120.81
			MSPGCL Thml+Gas	115.71	115.71	Koyna 1,2 & 4 Total	3.56	3.56
			MSPGCL Hydro	5.10	5.10	State Total	248.84	248.84

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/Oct/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	4282	70	442	4794	170	3673	0	0	4783	4899	-1533	12003	0	12003	2374	14377	49.94
2	4309	70	437	4816	177	3597	0	0	4647	4638	-1319	11910	0	11910	2156	14066	50.01
3	4272	80	429	4781	234	3591	0	0	4615	4755	-1241	12121	0	12121	2061	14182	50.02
4	4303	80	429	4812	287	3606	0	0	4619	4492	-1156	12042	0	12042	1976	14018	50.05
5	4279	70	426	4775	320	3662	0	0	5031	4747	-1116	12389	0	12389	1938	14327	50.01
6	4418	70	435	4923	376	3670	0	0	5190	5205	-1162	13013	0	13013	1981	14994	49.97
7	4436	100	425	4961	421	3705	0	6	5350	5867	-1141	13819	0	13819	1964	15783	49.98
8	4513	265	427	5205	345	3897	0	69	5608	5638	-1160	13993	0	13993	1984	15977	50.04
9	4503	70	412	4985	279	3841	0	156	5792	5874	-1229	13906	0	13906	2053	15959	50.01
10	4400	118	408	4926	223	3739	0	235	5886	6217	-1392	13948	0	13948	2217	16165	49.98
11	4263	282	403	4948	248	3839	0	274	6369	6811	-1512	14608	0	14608	2344	16952	50.02
12	4326	130	388	4844	261	4153	0	303	6771	7040	-1419	15182	0	15182	2419	17601	49.99
13	4405	75	398	4878	109	4161	0	293	6793	7008	-1331	15118	0	15118	2436	17554	49.99
14	4407	74	395	4876	68	4138	0	277	6795	7204	-1316	15247	0	15247	2424	17671	50.00
15	4417	79	396	4892	85	4137	0	216	7154	7473	-1358	15444	0	15444	2464	17908	50.02
16	4423	237	386	5046	131	4143	0	163	6966	6971	-1344	15110	0	15110	2437	17547	49.97
17	4346	228	398	4972	173	4144	0	98	6389	6473	-1257	14603	0	14603	2344	16947	50.05
18	4314	175	400	4889	183	4148	0	28	5842	6085	-1229	14104	0	14104	2292	16396	50.02
19	4657	659	402	5718	224	4284	0	0	5457	5633	-1241	14618	0	14618	2411	17029	50.00
20	4716	1132	405	6253	290	4292	0	0	5302	5338	-1193	14980	0	14980	2517	17497	50.03
21	4690	678	405	5773	447	4298	0	0	5191	5301	-1206	14613	0	14613	2530	17143	50.00
22	4394	184	406	4984	466	4293	0	0	5300	5422	-1255	13910	0	13910	2544	16454	50.03
23	4403	112	406	4921	378	4279	0	0	5296	5474	-1385	13667	0	13667	2533	16200	50.01
24	4372	57	406	4835	499	4220	0	0	5171	5264	-1436	13382	0	13382	2542	15924	50.01
MUs	105.85	5.09	9.86	120.81	6.39	95.51	0.00	2.12	136.32	139.83	-30.93	333.73	0.00	333.73	54.94	388.67	50.01

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/Oct/2017

Position as on 6.30 Hrs of 02/Oct/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 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	Nasik Unit 3	210	10/08/2017	00.00		Continued.	Withdrawn for maintenance work. Converted to COH from 15.08.2017.	
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	Dhariwal	300	01/06/2017	00.01	01/10/2017	01.54	NO SCHEDULE.	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK(Coal Shortage From 11-09-2017)	
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.	RBDV leakage attending work.	
CPP	SWPGL U-3	135	26/08/2017	17.40		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	27/08/2017	07.43		Continued.	Coal Shortage From 29.08.2017.	
IPP	Adani U-4	660	06/09/2017	21.47		Continued.	Changeover from U-4 to U1	
MSPGCL	Koradi Unit 9	660	07/09/2017	00.38		Continued.	Coal shortage form 12.09.2017.	
MSPGCL	Khaparkheda Unit 1	210	08/09/2017	12.23		Continued.	Coal Shortage	

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

Position as on 6.30 Hrs of 02/Oct/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 6	500	09/09/2017	04.40		Continued.	Coal Shortage form 12.09.2017.	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	12/09/2017	00.12		Continued.	Coal Shortage	
IPP	RPL(AMT) U-3	270	17/09/2017	00.02		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
RINFRA-G	REL Unit 2	250	22/09/2017	00.11		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 2	210	25/09/2017	06.50		Continued.	Coal Shortage	
MSPGCL	Parli Unit 7	250	28/09/2017	21.12		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 4	210	30/09/2017	18.33	01/10/2017	00.49	malfunction of dcs board.	
MSPGCL	Chandrapur Unit 4	210	01/10/2017	09.51	02/10/2017	01.30	DCS malfunction.	
IPP	RPL(AMT) U-2	270	02/10/2017	00.00		Continued.	Coal Shortage	

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

Statement-VII

Position as on 6.30 Hrs of 02/Oct/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	29/09/2017	12.38	01/10/2017	14.50	EO	R phase Insulator Disc Sparking
Kolhapur Solapur (PG) II	InterState	30/09/2017	08.45	01/10/2017	14.49	HT	Over Voltage
Padgha Tarapur I	InterState	01/10/2017	01.11	01/10/2017	10.02	T	Over Voltage
Dhule Sar'Sarovar I	InterState	01/10/2017	18.08	02/10/2017	06.40	HT	Over Voltage
Ektuni-Bableshtar ckt I	IntraState	15/09/2017	19.16		Continued.	HT	Attending Hot Spot
Karad - Jaigad - II	IntraState	27/09/2017	20.43		Continued.	HT	Over Voltage
karad - kolhapur-II	IntraState	28/09/2017	21.37		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/09/2017	18.07		Continued.	HT	Over Voltage
Babhaleshtar - Padghe-I	IntraState	30/09/2017	18.01		Continued.	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	30/09/2017	21.01	01/10/2017	09.11	HT	Over Voltage
Padghe - Kalwa-II	IntraState	01/10/2017	11.57	01/10/2017	18.08	PO	Tower crossing work.
Jaigad-New Koyna Ckt-I	IntraState	01/10/2017	19.20	01/10/2017	19.42	T	Distance Protection
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 jumper 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 jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Pusad - Hingoli	IntraState	11/09/2017	20.06		Continued.	HT	Distance Relay Faulty at pusad end
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
SICOM - SAIL	IntraState	01/10/2017	13.08	01/10/2017	15.07	T	LBB operated
Chandrapur GCR - Sicom II	IntraState	01/10/2017	13.08	01/10/2017	19.17	T	LBB operated
Chandrapur GCR - Sicom I	IntraState	01/10/2017	13.08	01/10/2017	14.15	T	LBB operated
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)
220/110kv 100MVA ICT-II @Miraj	IntraState	18/09/2017	11.27		Continued.	PO	Replacement Of Ict-2.

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