

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 06/Oct/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.349	653.493	1) Gujrat	-0.765	-0.201
2) Hydro	13.301	97.320	2) Madhya Pradesh	11.988	92.997
3) Gas	6.488	51.791	3) Chattisgarh	7.290	44.920
Total MSPGCL	133.138	802.604	4) Maharashtra Net	126.169	747.782
B) 1) APML	45.153	244.413	5) Goa (Amona)	-0.330	-0.968
2) JSWEL	28.135	157.992	Total	144.352	884.530
3) VIPL	7.498	44.060	a) Mumbai Schedule	33.536	189.108
4) RPL(AMT)	10.883	82.438	b) Mumbai Drawl	35.884	204.520
5) WPCL	1.770	12.519	c) MSEDCL Bilateral *	26.413	183.879
6) PGPL	0.000	0.000	Include PX	0.000	29.032
7) Other IPP	6.059	37.990	d) Mumbai Bilateral *	33.536	189.108
C) 1) TPCL Thermal	16.477	99.083	Include PX	9.951	52.115
2) TPCL Hydro	6.251	28.952	Include Standby	0.000	0.000
3) TPCL Gas	3.181	19.027	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	6.026	34.877	1) MSEDCL	347.510	2108.980
D) STATE			2) Mumbai Discoms	67.819	386.459
1) Thermal	235.350	1366.865	TOTAL STATE	415.329	2495.439
(A1+C1+C4+(B1-B6))					
2) Hydro	19.552	126.272			
(A2+C2)					
3) Gas	9.669	70.818			
(A3+B6+C3)					
4) Wind	3.933	32.149			
6) SOLAR	2.473	14.805			
TOTAL STATE	270.977	1610.909			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	4665	4726	4877	4664
MSPGCL Hydro	1388	1045	181	128
MSPGCL Gas	250	258	276	276
MSPGCL Total Generation	6303	6029	5334	5068
Central Sector Receipt	6595	6598	6008	5477
WIND	314	292	105	141
CPP / IPP Thermal	4185	4196	4292	4186
CPP / IPP Gas	0	0	0	0
SOLAR	328	354	24	0
Exchange with Mumbai	-1908	-1903	-1644	-1197
MSEDCL DEMAND MET	15817	15566	14119	13675
Load Shedding	1627	1360	1127	173
MSEDCL DEMAND	17444	16926	15246	13848
TPCL GENERATION	1286	1269	1219	1175
R-INFRA GENERATION	251	251	250	252
MUMBAI DEMAND	3445	3423	3113	2624
STATE DEMAND MET	19262	18989	17232	16299
STATE DEMAND	20889	20349	18359	16472
Frequency (Hz)	50.01	49.99	49.96	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06.02 Hrs	49.78 Hz at 01.33 Hrs	49.98	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 06/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	10.44	64.88	471	395
Unit 9	0.00	0.00	0	0
Unit 10	11.53	55.82	550	420
Total	21.97	120.70		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.51	45.86	355	300
Unit 5	7.55	46.64	350	300
Total	15.06	92.50		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.35	26.09	186	174
Unit 7	4.27	13.23	187	169
Unit 8	0.00	10.92	0	0
Total	8.62	50.24		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.10	20.33	185	122
Unit 5	9.88	54.34	427	390
Unit 6	9.96	39.40	440	333
Unit 7	8.69	52.40	385	322
Unit 8	10.32	34.22	490	379
Unit 9	0.00	41.69	0	0
Total	42.95	242.38		
Paras				
Unit 3	3.85	23.43	169	155
Unit 4	3.85	22.94	175	152
Total	7.70	46.37		
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	0.54	0.54	90	0
Unit 5	8.74	53.65	400	346
Total	9.28	54.18		
Nasik				
Unit 3	3.77	15.30	170	150
Unit 4	0.00	7.83	0	0
Unit 5	4.00	24.00	171	159
Total	7.77	47.13		
Uran				
All Units	6.49	51.79	287	250
Total	6.49	51.79		
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)	0.42	0.68	38	0
Total	0.42	0.68		
Koyna				
Stage 1-2	3.19	32.51	510	40
Stage 4	6.95	42.44	750	0
Stage 3	2.10	16.07	212	0
Total	12.24	91.01		
Hydro				
KDPH	0.00	0.18	0	0
VTRNA	0.00	0.87	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	1.76	80	0
RNGR+BHTSA	0.38	2.06	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.28	1.39	12	11
GHATGHAR	0.00	0.06	0	0
Total	1.06	6.31		
Wind				
Total	3.93	32.15	0	0
Total	3.93	32.15		
CPP				
APML(Mus)	45.15	244.41	0	0
JSWEL(Mus)	28.14	157.99	0	0
VIPL(Mus)	7.50	44.06	0	0
RPLAMT(Mus)	10.88	82.44	0	0
WPCL(Mus)	1.77	12.52	0	0
Other(Mus)	6.06	37.99	0	0
Total	99.50	579.41		
SOLAR				
Total	2.47	14.80	0	0
Total	2.47	14.80		
Tata				
Trombay 5	10.68	64.81	475	410
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.86	11.08	108	60
Trombay 7B	1.32	7.95	64	48
Trombay 8	5.80	34.28	248	237
TATA Hydro	6.25	28.95	448	0
Total	25.91	147.06		
R-INFRA				
DTPS U-1&2	6.03	34.88	252	250
Total	6.03	34.88		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	113.35	653.49	MSPGCL Total	133.14	802.60
			MSPGCL Thml+Gas	119.84	705.28	Koyna 1,2 & 4 Total	10.14	74.95
			MSPGCL Hydro	13.30	97.32	State Total	270.98	1610.91

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	4587	937	270	5794	255	4024	0	0	5726	5791	-1591	14273	192	14465	2667	17132	49.96
2	4597	843	270	5710	157	3987	0	0	5569	5939	-1303	14490	198	14688	2417	17105	49.91
3	4606	948	270	5824	110	3992	0	0	5557	5923	-1053	14796	202	14998	2261	17259	49.95
4	4612	988	270	5870	94	3984	0	0	5457	5785	-1086	14647	212	14859	2162	17021	50.01
5	4639	1408	280	6327	115	3971	0	0	5595	6038	-1073	15378	214	15592	2129	17721	49.94
6	4671	1413	270	6354	101	3974	0	0	5526	6256	-1114	15571	538	16109	2158	18267	49.96
7	4735	484	271	5490	138	3996	0	6	5720	6037	-1187	14480	1571	16051	2242	18293	50.00
8	4702	142	272	5116	99	3998	0	58	5980	5812	-1326	13757	2028	15785	2385	18170	50.03
9	4691	145	267	5103	100	4058	0	139	6063	5827	-1392	13835	1971	15806	2612	18418	49.97
10	4641	486	266	5393	149	4128	0	220	6175	6186	-1626	14450	1696	16146	3079	19225	49.96
11	4635	830	262	5727	267	4171	0	293	6340	6165	-1788	14835	1914	16749	3323	20072	49.97
12	4665	1388	250	6303	314	4185	0	328	6511	6595	-1908	15817	1627	17444	3445	20889	50.01
13	4726	1045	258	6029	292	4196	0	354	6649	6598	-1903	15566	1360	16926	3423	20349	49.99
14	4785	627	257	5669	203	4315	0	330	6609	6593	-1825	15285	1361	16646	3324	19970	49.98
15	4719	522	251	5492	273	4329	0	300	6491	6466	-1914	14946	1282	16228	3422	19650	49.98
16	4741	195	266	5202	220	4296	0	211	6468	6481	-1900	14510	1315	15825	3404	19229	49.99
17	4719	88	287	5094	207	4314	0	146	6226	6115	-1777	14099	1353	15452	3262	18714	49.97
18	4738	91	275	5104	187	4293	0	57	6122	5987	-1710	13918	1377	15295	3188	18483	49.96
19	4877	181	276	5334	105	4292	0	24	6010	6008	-1644	14119	1127	15246	3113	18359	49.96
20	4999	181	286	5466	65	4287	0	7	6026	5581	-1634	13772	1270	15042	2974	18016	50.02
21	5041	74	276	5391	98	4230	0	0	5574	5348	-1471	13596	957	14553	2863	17416	50.00
22	4880	71	287	5238	108	4183	0	0	5440	5560	-1230	13859	694	14553	2690	17243	49.98
23	4679	86	275	5040	135	4109	0	0	5605	5785	-1232	13837	186	14023	2652	16675	49.97
24	4664	128	276	5068	141	4186	0	0	5563	5477	-1197	13675	173	13848	2624	16472	49.95
MUs	113.35	13.30	6.49	133.14	3.93	99.50	0.00	2.47	143.00	144.35	-35.88	347.51	24.82	372.33	67.82	440.15	49.98

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 06/Oct/2017

Position as on 6.30 Hrs of 07/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	Khaparkhedha Unit 4	210	13/07/2017	03.36	06/10/2017	16.52	Drum level low. on Dated 14.07.2017 converted to zero schedule. Converted into COH from 00:00Hrs of 02.08.2017	
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	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.	
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	06/10/2017	23.02	Changeover from U-4 to U1	
MSPGCL	Koradi Unit 9	660	07/09/2017	00.38		Continued.	Coal shortage form 12.09.2017.	
MSPGCL	Khaparkhedha Unit 1	210	08/09/2017	12.23		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Khaparkhedha 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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Oct/2017

Position as on 6.30 Hrs of 07/Oct/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-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	
IPP	RPL(AMT) U-2	270	02/10/2017	00.00	06/10/2017	06.09	Coal Shortage	
MSPGCL	Nasik Unit 4	210	03/10/2017	00.08		Continued.	Coal Shortage	
MSPGCL	Koyna STG- IV Unit - 1	250	03/10/2017	09.00		Continued.	rotor earth fault optd.	
MSPGCL	Parli Unit 8	250	03/10/2017	17.00		Continued.	Coal Shortage	
MSPGCL	Uran Unit 7	108	05/10/2017	00.06		Continued.	Gas Turbine Work	
MSPGCL	Uran Unit B0	120	05/10/2017	00.11		Continued.	Gas Turbine Work	
IPP	Adani U-3	660	05/10/2017	04.07		Continued.	Control Valve Problem	
MSPGCL	Chandrapur Unit 9	500	05/10/2017	21.32		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	06/10/2017	00.45		Continued.	Problem in submerged Scrapper chain	
MSPGCL	Chandrapur Unit 6	500	07/10/2017	00.35		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	07/10/2017	06.18		Continued.	Turbine Vibration	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 07/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
Padgha Tarapur I	InterState	04/10/2017	13.28	06/10/2017	18.55	PO	outage By WRLDC
Dhule Sar'Sarovar II	InterState	05/10/2017	18.26		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	15/09/2017	19.16	06/10/2017	14.44	HT	Attending Hot Spot
Karad - Jaigad - II	IntraState	27/09/2017	20.43		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/10/2017	20.13	06/10/2017	14.40	HT	Over Voltage
karad -kolhapur-II	IntraState	05/10/2017	23.23		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	06/10/2017	15.03		Continued.	EO	To attend Hot Spot
Bhusawal-Aurangabad	IntraState	06/10/2017	21.04		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- III @ Aurangabad	IntraState	06/10/2017	11.08	06/10/2017	18.16	PO	Testing Work
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
Bableshwar- Alephata ckt I	IntraState	05/10/2017	04.46	06/10/2017	05.01	PO	LILo arrangement work for UTECH Sugar Factory
Bableshwar- Ranjangaon	IntraState	05/10/2017	05.27	06/10/2017	15.24	PO	LILo arrangement work for UTECH Sugar Factory
Hingoli- Girawali	IntraState	06/10/2017	09.12	06/10/2017	18.23	PO	Fixing of Vibration Dampers
220KV Sawangi- Bhokardan	IntraState	06/10/2017	10.18	06/10/2017	13.12	PO	Carrying out Signature Test
Alephata-Pargaon(Kathapur)	IntraState	06/10/2017	10.25	06/10/2017	15.25	PO	Bunching work
Ghatghar - Bapgaon	IntraState	06/10/2017	12.38	06/10/2017	15.58	T	Distance Protection
sawangi-Phulambri	IntraState	06/10/2017	13.42	06/10/2017	16.12	PO	Carrying out Signature Test
Washala - Ghatghar	IntraState	06/10/2017	14.00	06/10/2017	21.36	PO	Testing Work
Versova Aarey Line 1	IntraState	06/10/2017	14.43	06/10/2017	16.51	PO	R phase LA Replacement
Nagothane - Ipcl	IntraState	06/10/2017	15.24		Continued.	T	Distance Protection
IPCL - SPCL	IntraState	06/10/2017	15.24	06/10/2017	22.30	T	Distance Protection
Uran - Apta II	IntraState	06/10/2017	15.45	06/10/2017	16.12	T	Backup Protection
Uran - Apta III	IntraState	06/10/2017	15.48	06/10/2017	15.57	T	Distance Protection
Uran - Kharghar 2	IntraState	06/10/2017	15.55	06/10/2017	16.00	T	Distance Protection
Uran - Apta IV	IntraState	06/10/2017	16.03	06/10/2017	16.09	T	Distance Protection
Trombay Dharavi 9	IntraState	06/10/2017	16.27	06/10/2017	16.44	T	Distance Protection
Pohali-Nerle	IntraState	07/10/2017	05.25		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)
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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 07/Oct/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 kV 200MVA ICT-V @ Nashik	IntraState	06/10/2017	06.50	06/10/2017	12.15	PO	Testing Work
220/132 Kv 100 Mva Bhel Ict 1 @Padegaon	IntraState	06/10/2017	10.45	06/10/2017	15.55	PO	Oil Top Up work
132 KV LINE Outages/Trippings							
Kaulewada-Madgi-li	IntraState	05/10/2017	15.18	06/10/2017	14.40	T	Distance Protection
Parbhani-Bageshwari	IntraState	06/10/2017	04.27	06/10/2017	04.38	T	Distance Protection
Raimoha - Pathardi	IntraState	06/10/2017	20.24	07/10/2017	05.05	T	Distance Protection

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