

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	112.049	705.612	1) Gujrat	-3.303	-0.552
2) Hydro	9.575	28.185	2) Madhya Pradesh	9.337	55.350
3) Gas	10.111	60.047	3) Chattisgarh	6.560	39.910
Total MSPGCL	131.735	793.844	4) Maharashtra Net	109.877	673.835
B) 1) APML	71.082	338.013	5) Goa (Amona)	-0.858	-4.994
2) JSWEL	23.202	127.214	Total	121.613	763.549
3) VIPL	12.982	70.781	a) Mumbai Schedule	21.054	119.605
4) RPL(AMT)	16.719	91.149	b) Mumbai Drawl	26.975	165.645
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	27.765	197.740
6) PGPL	0.000	0.000	Include PX	-5.572	-10.262
7) Other IPP	6.734	33.255	d) Mumbai Bilateral *	21.054	119.605
C) 1) TPCL Thermal	15.477	78.446	Include PX	2.655	17.189
2) TPCL Hydro	3.277	18.732	Include Standby	0.000	0.000
3) TPCL Gas	4.098	24.311	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.668	57.461	1) MSEDCL	369.989	2155.189
D) STATE			2) Mumbai Discoms	60.495	344.596
1) Thermal	268.913	1501.931	TOTAL STATE	430.484	2499.785
(A1+C1+C4+(B1-B6))					
2) Hydro	12.852	46.917			
(A2+C2)					
3) Gas	14.209	84.358			
(A3+B6+C3)					
4) Wind	9.414	82.544			
6) SOLAR	3.483	20.485			
TOTAL STATE	308.871	1736.235			

* 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 19 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	4522	4826	4981	4495
MSPGCL Hydro	962	984	276	150
MSPGCL Gas	399	399	422	440
MSPGCL Total Generation	5883	6209	5679	5085
Central Sector Receipt	6205	6167	5544	3793
WIND	616	286	153	393
CPP / IPP Thermal	6011	6021	6143	4333
CPP / IPP Gas	0	0	0	0
SOLAR	524	378	0	0
Exchange with Mumbai	-1272	-1328	-1340	-1042
MSEDCL DEMAND MET	17967	17733	16179	12562
Load Shedding	0	0	0	0
MSEDCL DEMAND	17967	17733	16179	12562
TPCL GENERATION	1293	1242	1080	640
R-INFRA GENERATION	500	500	504	374
MUMBAI DEMAND	3065	3070	2924	2056
STATE DEMAND MET	21032	20803	19103	14618
STATE DEMAND	21032	20803	19103	14618
Frequency (Hz)	49.92	49.87	49.92	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.07 Hz at 02.04 Hrs	49.67 Hz at 06.09 Hrs	49.9	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/Nov/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	0.01	0	0
Unit 8	8.36	46.46	420	248
Unit 9	8.96	47.34	486	300
Unit 10	10.94	67.85	515	395
Total	28.26	161.67		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.45	50.74	360	350
Unit 5	8.48	51.40	355	340
Total	16.93	102.14		
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	4.04	24.80	181	163
Total	4.04	24.80		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	3.20	0	0
Unit 6	8.93	53.55	400	351
Unit 7	9.32	55.96	458	360
Unit 8	8.97	55.87	455	340
Unit 9	0.00	22.62	0	0
Total	27.22	191.20		
Paras				
Unit 3	4.12	28.68	184	166
Unit 4	4.10	28.35	175	167
Total	8.22	57.04		
Khaparkheda				
Unit 1	3.56	22.19	155	135
Unit 2	3.59	22.34	155	140
Unit 3	0.00	0.00	0	0
Unit 4	3.66	20.60	159	140
Unit 5	8.64	55.55	362	360
Total	19.46	120.68		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.96	24.00	174	160
Unit 5	3.96	24.08	170	161
Total	7.92	48.08		
Uran				
All Units	10.11	60.05	444	382
Total	10.11	60.05		
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)	0.17	1.19	36	0
Total	0.17	1.19		
Koyna				
Stage 1-2	3.01	13.26	405	40
Stage 4	3.17	3.29	500	0
Stage 3	1.63	4.17	160	0
Total	7.81	20.72		
Hydro				
KDPH	0.43	0.99	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.18	0.84	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	1.28	57	0
RNGR+BHTSA	0.39	2.30	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	0.65	2.06	125	0
Total	1.76	7.47		
Wind				
Total	9.41	82.54	0	0
Total	9.41	82.54		
CPP				
APML(Mus)	71.08	338.01	0	0
JSWEL(Mus)	23.20	127.21	0	0
VIPL(Mus)	12.98	70.78	0	0
RPLAMT(Mus)	16.72	91.15	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	6.73	33.26	0	0
Total	130.72	660.41		
SOLAR				
Total	3.48	20.48	0	0
Total	3.48	20.48		
Tata				
Trombay 5	10.06	48.36	490	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.56	15.20	115	85
Trombay 7B	1.54	9.12	67	57
Trombay 8	5.42	30.09	245	188
TATA Hydro	3.28	18.73	401	0
Total	22.85	121.49		
R-INFRA				
DTPS U-1&2	10.67	57.46	504	373
Total	10.67	57.46		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	112.05	705.61	MSPGCL Total	131.74	793.84
			MSPGCL Thml+Gas	122.16	765.66	Koyna 1,2 & 4 Total	6.18	16.55
			MSPGCL Hydro	9.58	28.18	State Total	308.87	1736.24

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/Nov/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	4495	150	440	5085	393	4333	0	0	3541	3793	-1042	12562	0	12562	2056	14618	49.94
2	4476	165	441	5082	456	4328	0	0	3874	4014	-889	12991	0	12991	1898	14889	49.92
3	4511	124	434	5069	387	4339	0	0	4306	4264	-786	13273	0	13273	1798	15071	49.96
4	4529	79	443	5051	462	4362	0	0	4456	4311	-713	13473	0	13473	1729	15202	49.97
5	4520	194	444	5158	489	4391	0	0	4587	4257	-580	13715	0	13715	1724	15439	49.92
6	4514	204	443	5161	541	4863	0	0	5110	4712	-583	14694	0	14694	1824	16518	49.86
7	4514	379	436	5329	596	5498	0	6	5389	4681	-577	15533	0	15533	1964	17497	49.86
8	4528	224	444	5196	607	5926	0	107	5825	4965	-732	16069	0	16069	2144	18213	49.95
9	4521	199	425	5145	583	5524	0	268	5957	5223	-951	15792	0	15792	2366	18158	49.87
10	4506	203	428	5137	755	5464	0	381	5570	5148	-1201	15684	0	15684	2724	18408	49.88
11	4504	360	411	5275	705	5751	0	494	5811	5740	-1298	16667	0	16667	3012	19679	49.87
12	4522	962	399	5883	616	6011	0	524	6023	6205	-1272	17967	0	17967	3065	21032	49.92
13	4523	959	404	5886	462	5960	0	459	6032	6184	-1314	17637	0	17637	3084	20721	49.88
14	4553	889	382	5824	350	6123	0	423	5954	6103	-1249	17574	0	17574	2983	20557	49.91
15	4826	984	399	6209	286	6021	0	378	6041	6167	-1328	17733	0	17733	3070	20803	49.87
16	5011	918	389	6318	223	6091	0	292	6095	5932	-1248	17608	0	17608	3064	20672	49.86
17	5019	794	403	6216	169	6135	0	135	5858	5960	-1198	17417	0	17417	3016	20433	49.87
18	4982	654	408	6044	142	6139	0	16	5278	5459	-1312	16488	0	16488	3018	19506	49.87
19	4981	276	422	5679	153	6143	0	0	5403	5544	-1340	16179	0	16179	2924	19103	49.92
20	5027	244	416	5687	162	5973	0	0	5233	5094	-1387	15529	0	15529	2722	18251	49.94
21	4946	234	420	5600	153	5605	0	0	4989	4701	-1597	14462	0	14462	2722	17184	49.95
22	4780	228	420	5428	165	5444	0	0	4715	4509	-1554	13992	0	13992	2629	16621	49.95
23	4692	78	425	5195	264	5262	0	0	4370	4463	-1445	13739	0	13739	2519	16258	49.88
24	4569	74	435	5078	295	5033	0	0	4203	4184	-1379	13211	0	13211	2440	15651	49.89
MUs	112.05	9.58	10.11	131.73	9.41	130.72	0.00	3.48	124.62	121.61	-26.98	369.99	0.00	369.99	60.50	430.48	49.90

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/Nov/2017

Position as on 6.30 Hrs of 07/Nov/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	Chandrapur Unit 5	500	01/11/2017	09.20		Continued.	Annual Overhaul	
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.	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	
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	Khaparkheda Unit 3	210	12/09/2017	00.00		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	
MSPGCL	Parli Unit 7	250	12/10/2017	00.00		Continued.	Zero Schedule from 12.10.2017 to 31.10.2017, Shutdown due to coal shortage from 00:00Hrs of 01.11.2017	
MSPGCL	Parli Unit 6	250	14/10/2017	17.04		Continued.	Zero Schedule from 14.10.2017 to 31.10.2017, Shutdown due to coal shortage from 00:00Hrs of 01.11.2017	
MSPGCL	Chandrapur Unit 3	210	25/10/2017	00.45		Continued.	Boiler tube leakage. Continued due to shortage of water from dt.01/11/17 0:00 hrs	

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

Position as on 6.30 Hrs of 07/Nov/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
MSPGCL	Chandrapur Unit 4	210	29/10/2017	04.45		Continued.	Auxiliary supply failure. Continued due to water shortage from dt. 01/11/17 0:00 hrs.	
MSPGCL	Nasik Unit 3	210	30/10/2017	23.35		Continued.	GOVERNING SYSTEM PROBLEM.	
MSPGCL	Bhusawal Unit 3	210	31/10/2017	22.37		Continued.	Coal Shortage	
CPP	SWPGL U-4	135	01/11/2017	00.02		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 7	210	01/11/2017	00.05		Continued.	Poor Coal Receipt.	
MSPGCL	Chandrapur Unit 9	500	03/11/2017	08.00	07/11/2017	02.09	Economizer Tube Leakage.	
MSPGCL	Koradi Unit-8	660	07/11/2017	00.06		Continued.	poor coal receipt.	

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

Statement-VII

Position as on 6.30 Hrs of 07/Nov/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	05/11/2017	17.07	06/11/2017	06.36	HT	Over Voltage
Chakan Talegaon(Pg)	InterState	05/11/2017	18.06	06/11/2017	01.32	EO	To attend conductor snapping work.
Dhule Sar'Sarovar I	InterState	06/11/2017	18.57		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	26/10/2017	15.16		Continued.	PO	SCADA work (RFC 19.53Hrs Dt.27/10/2017)
Babhaleshwar - Padghe-II	IntraState	04/11/2017	06.01		Continued.	PO	Reorientation of Bay
Padghe - Kalwa- I	IntraState	05/11/2017	05.45	06/11/2017	08.19	PO	Reorientation of Bay
Jaigad-Karad Ckt-II	IntraState	05/11/2017	17.08	06/11/2017	11.07	HT	Over Voltage
karad -kolhapur-I	IntraState	05/11/2017	17.16	06/11/2017	11.01	T	Over Voltage
Babhaleshwar - Padghe-I	IntraState	05/11/2017	19.18	06/11/2017	15.58	PO	Reorientation of line at padghe.
Padghe - Kalwa-II	IntraState	06/11/2017	05.09	06/11/2017	20.20	HT	Reorientation of line at padghe.
karad -kolhapur-I	IntraState	06/11/2017	17.04		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	06/11/2017	17.06		Continued.	T	Over Voltage
N.Koyna-Karad -Ckt II	IntraState	06/11/2017	17.39		Continued.	PO	main bus-1 outage.
Bus Coupler @ Karad	IntraState	06/11/2017	17.47	06/11/2017	22.58	PO	main bus 1 outage.
400 KV ICT Outages/Trippings							
400kv Side Spare Ict @Lonikand	IntraState	06/11/2017	11.08		Continued.	PO	Testing Work
400/220kv 315 Mva ICT I @Karad	IntraState	06/11/2017	17.41	06/11/2017	23.03	PO	main bus-1 outage.
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.
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
Chalisgaon - Deepnagar	IntraState	06/11/2017	08.43	06/11/2017	16.03	PO	diagnostic testing work.
Badnera - Amravati	IntraState	06/11/2017	09.35	06/11/2017	13.45	PO	diagnostic testing work.
Karad(400kv) - Wathar	IntraState	06/11/2017	10.15	06/11/2017	17.37	PO	bus isolator Maintenance Work.
Parly-Parly Extn-I	IntraState	06/11/2017	12.10	06/11/2017	18.12	PO	Tan Delta Measurment of CTs
New Koyna - Niwali	IntraState	06/11/2017	13.16	06/11/2017	17.47	PO	Line Maintenance work
Dahanu-Viraj	IntraState	06/11/2017	16.30	06/11/2017	18.23	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)
220/33kV 100 MVA Transformer 3 @Ghodbunder R/S	IntraState	29/10/2017	09:26		Continued.	PO	Refurbishment of 100 MVA-3 Transformer under SIS DPR scheme
220/132KV 100MVA ICT-II@Shivajinagar	IntraState	05/11/2017	17.00	06/11/2017	06.36	T	LV backup relay faulty.
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	06/11/2017	10.42	06/11/2017	14.32	PO	Annual Maintenance Work
220/132KV 100MVA ICT-II@Shivajinagar	IntraState	06/11/2017	10.50	06/11/2017	16.07	PO	HV back up relay work.

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