

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Nov/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	107.364	593.563	1) Gujrat	0.249	2.751
2) Hydro	3.751	18.610	2) Madhya Pradesh	10.368	46.013
3) Gas	10.182	49.936	3) Chattisgarh	6.610	33.350
Total MSPGCL	121.297	662.109	4) Maharashtra Net	101.894	563.958
B) 1) APML	63.691	266.931	5) Goa (Amona)	-0.924	-4.136
2) JSWEL	20.665	104.012	Total	118.197	641.936
3) VIPL	11.609	57.799	a) Mumbai Schedule	17.151	98.551
4) RPL(AMT)	15.137	74.430	b) Mumbai Drawl	22.782	138.670
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	30.135	169.975
6) PGPL	0.000	0.000	Include PX	-3.234	-4.689
7) Other IPP	6.743	26.521	d) Mumbai Bilateral *	17.151	98.551
C) 1) TPCL Thermal	12.621	62.969	Include PX	1.374	14.534
2) TPCL Hydro	0.213	15.455	Include Standby	0.000	0.000
3) TPCL Gas	4.137	20.213	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.466	46.793	1) MSEDCL	355.929	1785.200
D) STATE			2) Mumbai Discoms	49.219	284.101
1) Thermal	247.296	1233.018	TOTAL STATE	405.148	2069.301
(A1+C1+C4+(B1-B6))					
2) Hydro	3.964	34.065			
(A2+C2)					
3) Gas	14.319	70.149			
(A3+B6+C3)					
4) Wind	17.920	73.130			
6) SOLAR	3.452	17.002			
TOTAL STATE	286.951	1427.364			

* 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 24 Hrs
MSPGCL Thermal	4554	4540	4448	4467
MSPGCL Hydro	262	238	84	74
MSPGCL Gas	413	407	437	428
MSPGCL Total Generation	5229	5185	4969	4969
Central Sector Receipt	6322	5926	5137	3619
WIND	981	599	341	343
CPP / IPP Thermal	5122	5663	5692	4332
CPP / IPP Gas	0	0	0	0
SOLAR	477	413	0	0
Exchange with Mumbai	-1112	-899	-989	-1150
MSEDCL DEMAND MET	17019	16887	15150	12112
Load Shedding	0	0	0	0
MSEDCL DEMAND	17019	16887	15150	12112
TPCL GENERATION	685	753	900	696
R-INFRA GENERATION	375	486	375	376
MUMBAI DEMAND	2172	2138	2264	2222
STATE DEMAND MET	19191	19025	17414	14334
STATE DEMAND	19191	19025	17414	14334
Frequency (Hz)	49.99	50.00	50.00	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06.03 Hrs	49.83 Hz at 06.45 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 05/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	7.82	38.10	340	273
Unit 9	6.76	38.38	399	191
Unit 10	9.88	56.91	465	340
Total	24.47	133.41		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.41	42.29	355	345
Unit 5	8.50	42.92	360	340
Total	16.91	85.21		
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	4.32	20.76	190	165
Total	4.32	20.76		
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	8.71	44.63	373	353
Unit 7	8.74	46.64	372	360
Unit 8	8.36	46.90	355	340
Unit 9	0.00	22.62	0	0
Total	25.81	163.98		
Paras				
Unit 3	4.24	24.57	184	171
Unit 4	4.12	24.25	179	159
Total	8.36	48.82		
Khaparkheda				
Unit 1	3.62	18.62	155	145
Unit 2	3.60	18.75	155	140
Unit 3	0.00	0.00	0	0
Unit 4	3.68	16.94	156	150
Unit 5	8.66	46.91	365	360
Total	19.57	101.23		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.95	20.04	170	154
Unit 5	3.97	20.12	170	159
Total	7.93	40.16		
Uran				
All Units	10.18	49.94	452	388
Total	10.18	49.94		
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)	0.09	1.02	40	0
Total	0.09	1.02		
Koyna				
Stage 1-2	1.79	10.25	230	40
Stage 4	0.00	0.11	0	0
Stage 3	0.34	2.54	80	0
Total	2.13	12.91		
Hydro				
KDPH	0.43	0.56	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.23	0.66	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	1.16	80	0
RNGR+BHTSA	0.39	1.91	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	0.43	1.42	125	0
Total	1.62	5.70		
Wind				
Total	17.92	73.13	0	0
Total	17.92	73.13		
CPP				
APML(Mus)	63.69	266.93	0	0
JSWEL(Mus)	20.66	104.01	0	0
VIPL(Mus)	11.61	57.80	0	0
RPLAMT(Mus)	15.14	74.43	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	6.74	26.52	0	0
Total	117.84	529.69		
SOLAR				
Total	3.45	17.00	0	0
Total	3.45	17.00		
Tata				
Trombay 5	7.63	38.30	423	298
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.60	12.64	121	78
Trombay 7B	1.54	7.58	69	54
Trombay 8	4.99	24.67	244	199
TATA Hydro	0.21	15.46	192	0
Total	16.97	98.64		
R-INFRA				
DTPS U-1&2	9.47	46.79	500	373
Total	9.47	46.79		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	107.36	593.56	MSPGCL Total	121.30	662.11
			MSPGCL Thml+Gas	117.55	643.50	Koyna 1,2 & 4 Total	1.79	10.36
			MSPGCL Hydro	3.75	18.61	State Total	286.95	1427.36

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/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	4540	80	452	5072	1224	4350	0	0	3225	2964	-1046	12565	0	12565	2065	14630	49.99
2	4505	85	434	5024	1198	4359	0	0	3173	3331	-901	13011	0	13011	1915	14926	49.98
3	4484	150	447	5081	1106	4363	0	0	3158	3491	-792	13249	0	13249	1803	15052	49.97
4	4530	215	448	5193	1115	4358	0	0	3473	3649	-720	13596	0	13596	1732	15328	49.98
5	4415	265	439	5119	1087	4427	0	0	3558	4060	-697	13997	0	13997	1707	15704	49.96
6	4451	254	413	5118	1049	4724	0	0	4612	4723	-746	14868	0	14868	1755	16623	49.95
7	4437	84	444	4965	992	4849	0	11	5413	5345	-714	15448	0	15448	1760	17208	49.99
8	4426	156	442	5024	816	4870	0	103	5676	5778	-714	15877	0	15877	1775	17652	49.93
9	4352	264	430	5046	660	4900	0	252	5575	5670	-844	15684	0	15684	1911	17595	50.00
10	4436	241	422	5099	973	4822	0	386	5559	5216	-944	15552	0	15552	2012	17564	50.00
11	4498	229	417	5144	1111	4748	0	454	5888	5810	-1086	16181	0	16181	2145	18326	49.98
12	4554	262	413	5229	981	5122	0	477	6114	6322	-1112	17019	0	17019	2172	19191	49.99
13	4525	74	398	4997	908	5373	0	479	6150	6079	-1100	16735	0	16735	2168	18903	49.96
14	4545	74	406	5025	727	5398	0	452	5937	6089	-1054	16637	0	16637	2123	18760	49.99
15	4540	238	407	5185	599	5663	0	413	5948	5926	-899	16887	0	16887	2138	19025	50.00
16	4510	253	388	5151	516	5682	0	267	5955	5861	-807	16669	0	16669	2128	18797	50.00
17	4500	209	409	5118	415	5637	0	141	5807	5809	-773	16346	0	16346	2122	18468	49.98
18	4488	159	400	5047	349	5801	0	17	5384	5090	-839	15465	0	15465	2125	17590	49.98
19	4448	84	437	4969	341	5692	0	0	5051	5137	-989	15150	0	15150	2264	17414	50.00
20	4445	74	422	4941	347	5036	0	0	5106	5095	-1217	14202	0	14202	2317	16519	50.02
21	4403	74	422	4899	334	4657	0	0	4879	4645	-1244	13291	0	13291	2324	15615	49.99
22	4422	79	427	4928	371	4343	0	0	4513	4487	-1212	12916	0	12916	2286	15202	49.99
23	4443	74	437	4954	358	4336	0	0	4149	4005	-1182	12471	0	12471	2250	14721	49.95
24	4467	74	428	4969	343	4332	0	0	3828	3619	-1150	12112	0	12112	2222	14334	49.98
MUs	107.36	3.75	10.18	121.30	17.92	117.85	0.00	3.45	118.13	118.20	-22.78	355.93	0.00	355.93	49.22	405.15	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 05/Nov/2017

Position as on 6.30 Hrs of 06/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 05/Nov/2017

Position as on 6.30 Hrs of 06/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		Continued.	Economizer Tube Leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 06/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	04/11/2017	17.26	05/11/2017	07.31	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	05/11/2017	17.07		Continued.	HT	Over Voltage
Chakan Talegaon(Pg)	InterState	05/11/2017	18.06	06/11/2017	01.32	EO	To attend conductor snapping work.
Ektuni-Bableshwar ckt I	IntraState	26/10/2017	15.16		Continued.	PO	SCADA work (RFC 19.53Hrs Dt.27/10/2017)
Padghe - Kalwa-II	IntraState	04/11/2017	05.29	05/11/2017	02.38	PO	Reorientation of Bay
Babhaleshwar - Padghe-II	IntraState	04/11/2017	06.01		Continued.	PO	Reorientation of Bay
karad -kolhapur-I	IntraState	04/11/2017	20.37	05/11/2017	10.54	HT	Over Voltage
Karad - Jaigad - II	IntraState	04/11/2017	20.41	05/11/2017	11.37	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	04/11/2017	21.55	05/11/2017	06.44	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	04/11/2017	23.46	05/11/2017	06.19	HT	Over Voltage
Padghe - Kalwa- I	IntraState	05/11/2017	05.45		Continued.	PO	Reorientation of Bay
Babhaleshwar - Padghe-I	IntraState	05/11/2017	13.02	05/11/2017	13.41	T	Distance Protection
Jaigad-Karad Ckt-II	IntraState	05/11/2017	17.08		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	05/11/2017	17.16		Continued.	T	Over Voltage
Babhaleshwar - Padghe-I	IntraState	05/11/2017	19.18		Continued.	PO	Reorientation of line at padghe.
Padghe - Kalwa-II	IntraState	06/11/2017	05.09		Continued.	HT	Reorientation of line at padghe.
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
Nanded - Parli Ext. Ckt II	IntraState	04/11/2017	08.00	05/11/2017	15.15	PO	Stringing work of Warora-Parly D/C line.
Nanded - Parli Ext. Ckt I	IntraState	04/11/2017	08.00	05/11/2017	15.15	PO	Stringing work of Warora-Parly D/C line.
Kharghar Trombay	IntraState	05/11/2017	08.24	05/11/2017	14.29	PO	For re-stringing of cond between loc no.19 to20.
Kalwa Salsette III	IntraState	05/11/2017	08.47	05/11/2017	14.19	PO	For tree trimming.
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
132 KV LINE Outages/Trippings							
Khapri-Besa	IntraState	05/11/2017	05.35	05/11/2017	17.59	HT	HTLS work.

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