

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Nov/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	112.614	486.199	1) Gujrat	-0.151	2.502
2) Hydro	4.622	14.859	2) Madhya Pradesh	9.804	35.645
3) Gas	10.311	39.754	3) Chattisgarh	6.550	26.740
Total MSPGCL	127.547	540.812	4) Maharashtra Net	103.259	462.064
B) 1) APML	59.725	203.240	5) Goa (Amona)	-0.836	-3.212
2) JSWEL	20.797	83.347	Total	118.626	523.739
3) VIPL	11.042	46.190	a) Mumbai Schedule	17.022	81.400
4) RPL(AMT)	14.265	59.293	b) Mumbai Drawl	27.033	115.888
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	36.054	139.840
6) PGPL	0.000	0.000	Include PX	0.000	-1.455
7) Other IPP	5.966	19.778	d) Mumbai Bilateral *	17.022	81.400
C) 1) TPCL Thermal	12.316	50.348	Include PX	1.739	13.160
2) TPCL Hydro	2.702	15.242	Include Standby	0.000	0.000
3) TPCL Gas	4.146	16.076	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.133	37.327	1) MSEDCL	358.252	1429.271
D) STATE			2) Mumbai Discoms	55.330	234.882
1) Thermal	245.858	985.722	TOTAL STATE	413.582	1664.153
(A1+C1+C4+(B1-B6))					
2) Hydro	7.324	30.101			
(A2+C2)					
3) Gas	14.457	55.830			
(A3+B6+C3)					
4) Wind	23.822	55.210			
6) SOLAR	3.495	13.550			
TOTAL STATE	294.956	1140.413			

* 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 1 Hrs
MSPGCL Thermal	4729	4775	4633	4775
MSPGCL Hydro	616	458	181	57
MSPGCL Gas	414	410	416	443
MSPGCL Total Generation	5759	5643	5230	5275
Central Sector Receipt	6093	6142	5530	3046
WIND	1172	1033	648	1317
CPP / IPP Thermal	4781	4753	5366	3893
CPP / IPP Gas	0	0	0	0
SOLAR	504	523	0	0
Exchange with Mumbai	-1316	-1361	-1257	-1081
MSEDCL DEMAND MET	16993	16733	15517	12451
Load Shedding	0	0	0	0
MSEDCL DEMAND	16993	16733	15517	12451
TPCL GENERATION	1013	947	1041	654
R-INFRA GENERATION	375	375	394	373
MUMBAI DEMAND	2704	2683	2692	2108
STATE DEMAND MET	19697	19416	18209	14559
STATE DEMAND	19697	19416	18209	14559
Frequency (Hz)	49.92	49.91	49.96	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 06.01 Hrs	49.73 Hz at 12.15 Hrs	49.95	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 04/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	8.23	30.28	370	307
Unit 9	9.87	31.62	450	368
Unit 10	10.32	47.03	470	390
Total	28.43	108.94		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.44	33.88	355	350
Unit 5	8.60	34.42	380	350
Total	17.04	68.30		
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	4.54	16.44	202	172
Total	4.54	16.44		
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	8.90	35.92	405	347
Unit 7	9.24	37.90	455	359
Unit 8	9.18	38.54	450	322
Unit 9	0.00	22.62	0	0
Total	27.32	138.17		
Paras				
Unit 3	4.88	20.33	233	187
Unit 4	4.82	20.13	236	184
Total	9.70	40.46		
Khaparkheda				
Unit 1	3.62	15.00	160	130
Unit 2	3.55	15.14	160	100
Unit 3	0.00	0.00	0	0
Unit 4	1.39	13.26	160	0
Unit 5	9.06	38.25	450	360
Total	17.62	81.66		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.98	16.08	188	160
Unit 5	4.00	16.15	177	162
Total	7.98	32.23		
Uran				
All Units	10.31	39.75	465	398
Total	10.31	39.75		
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	0.94	0	0
Total	0.00	0.94		
Koyna				
Stage 1-2	2.51	8.46	405	40
Stage 4	0.11	0.11	114	0
Stage 3	0.75	2.20	80	0
Total	3.37	10.77		
Hydro				
KDPH	0.13	0.13	18	0
VTRNA	0.00	0.00	0	0
TILLARI	0.28	0.43	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	1.02	80	0
RNGR+BHTSA	0.39	1.52	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	0.29	0.99	125	0
Total	1.25	4.09		
Wind				
Total	23.82	55.21	0	0
Total	23.82	55.21		
CPP				
APML(Mus)	59.72	203.24	0	0
JSWEL(Mus)	20.80	83.35	0	0
VIPL(Mus)	11.04	46.19	0	0
RPLAMT(Mus)	14.26	59.29	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	5.97	19.78	0	0
Total	111.80	411.85		
SOLAR				
Total	3.50	13.55	0	0
Total	3.50	13.55		
Tata				
Trombay 5	7.45	30.67	377	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.60	10.04	120	90
Trombay 7B	1.54	6.04	68	58
Trombay 8	4.86	19.68	237	199
TATA Hydro	2.70	15.24	337	0
Total	19.16	81.67		
R-INFRA				
DTPS U-1&2	9.13	37.33	494	373
Total	9.13	37.33		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	112.61	486.20	MSPGCL Total	127.55	540.81
			MSPGCL Thml+Gas	122.92	525.95	Koyna 1,2 & 4 Total	2.62	8.57
			MSPGCL Hydro	4.62	14.86	State Total	294.96	1140.41

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	4775	57	443	5275	1317	3893	0	0	3586	3046	-1081	12451	0	12451	2108	14559	49.94
2	4780	62	443	5285	1285	3903	0	0	3073	3285	-939	12819	0	12819	1957	14776	49.93
3	4768	287	449	5504	1282	3950	0	0	3213	3461	-817	13380	0	13380	1835	15215	49.97
4	4621	77	449	5147	1253	4057	0	0	3565	3781	-742	13496	0	13496	1759	15255	49.96
5	4558	237	442	5237	1121	4219	0	0	3692	3968	-718	13827	0	13827	1735	15562	49.94
6	4631	426	465	5522	1086	4332	0	0	4360	4584	-787	14737	0	14737	1804	16541	49.95
7	4629	181	455	5265	1146	4521	0	5	5340	5523	-799	15660	0	15660	1847	17507	49.96
8	4637	141	456	5234	997	4844	0	86	5495	5299	-859	15601	0	15601	1928	17529	49.93
9	4604	181	460	5245	889	4933	0	228	5558	5802	-1048	16050	0	16050	2117	18166	49.94
10	4590	204	427	5221	1167	4631	0	364	5745	5600	-1269	15713	0	15713	2411	18124	49.92
11	4566	301	418	5285	1389	4518	0	455	5785	5914	-1294	16267	0	16267	2655	18922	49.93
12	4729	616	414	5759	1172	4781	0	504	5901	6093	-1316	16993	0	16993	2704	19697	49.92
13	4775	458	410	5643	1033	4753	0	523	5894	6142	-1361	16733	0	16733	2683	19416	49.91
14	4814	120	410	5344	788	5064	0	466	5912	6269	-1298	16633	0	16633	2584	19217	50.00
15	4808	116	398	5322	702	5307	0	393	6043	6319	-1264	16779	0	16779	2592	19371	49.95
16	4817	280	407	5504	626	5309	0	302	6142	6256	-1264	16733	0	16733	2605	19338	49.94
17	4868	181	408	5457	639	5411	0	150	5999	6011	-1255	16413	0	16413	2578	18991	49.93
18	4954	79	412	5445	538	5813	0	19	5171	4984	-1180	15619	0	15619	2602	18221	49.93
19	4633	181	416	5230	648	5366	0	0	5176	5530	-1257	15517	0	15517	2692	18209	49.96
20	4615	126	422	5163	755	4909	0	0	5225	5170	-1329	14669	0	14669	2670	17339	50.01
21	4646	74	414	5134	833	4416	0	0	4721	4911	-1460	13834	0	13834	2579	16413	49.99
22	4586	74	426	5086	933	4276	0	0	4417	4165	-1343	13117	0	13117	2403	15520	50.03
23	4603	89	434	5126	1052	4297	0	0	4126	3450	-1234	12691	0	12691	2294	14985	49.98
24	4607	74	433	5114	1171	4290	0	0	3404	3063	-1119	12519	0	12519	2188	14707	49.99
MUs	112.61	4.62	10.31	127.55	23.82	111.79	0.00	3.50	117.54	118.63	-27.03	358.25	0.00	358.25	55.33	413.58	49.95

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 04/Nov/2017

Position as on 6.30 Hrs of 05/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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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	
IPP	Adani U-2	660	18/10/2017	05.58	04/11/2017	02.21	aph support bearing abnormal sound and oil leakage.	
MSPGCL	Chandrapur Unit 3	210	25/10/2017	00.45		Continued.	Boiler tube leakage. Continued due to shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Nov/2017

Position as on 6.30 Hrs of 05/Nov/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							of water from dt.01/11/17 0:00 hrs	
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.	
MSPGCL	Khaparkheda Unit 4	210	04/11/2017	02.41	04/11/2017	16.55	Auxiliary supply failure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 05/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	03/11/2017	18.08	04/11/2017	11.07	HT	Over Voltage
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		Continued.	EO	To attend conductor snapping work.
Ektuni-Bableshtar ckt I	IntraState	26/10/2017	15.16		Continued.	PO	SCADA work (RFC 19.53Hrs Dt.27/10/2017)
Jaigad-Karad Ckt-I	IntraState	30/10/2017	22.14	04/11/2017	14.29	HT	Over Voltage
karad -kolhapur-I	IntraState	02/11/2017	20.52	04/11/2017	14.35	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	03/11/2017	18.50	04/11/2017	06.52	HT	Over Voltage
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.
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.
Boisar Tarapur	InterState	04/11/2017	10.17	04/11/2017	18.53	PO	Replacement of CT
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 I	IntraState	04/11/2017	08.00	05/11/2017	15.15	PO	Stringing work of Warora-Parli D/C line.
Nanded - Parli Ext. Ckt II	IntraState	04/11/2017	08.00	05/11/2017	15.15	PO	Stringing work of Warora-Parli D/C line.
Boisar Versova Line	IntraState	04/11/2017	08.42	04/11/2017	18.57	PO	Replacement of CT
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
220/132 Kv 200 Mva Vijay Ict 1 @Chalisgaon	IntraState	03/11/2017	21.53	04/11/2017	00.37	PO	Testing Work

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 04/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 05/Nov/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 100 Mva Ict 1 @Paranda	IntraState	04/11/2017	11.50	04/11/2017	16.10	PO	Diagnostic testing work
220/132 Kv 100 Mva Emco Ict 2 @Dondaicha	IntraState	04/11/2017	12.42	04/11/2017	16.20	PO	Testing Work
132 KV LINE Outages/Trippings							
Khapri-Besa	IntraState	05/11/2017	05.35	05/11/2017	17.59	HT	HTLS work.