

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Nov/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	117.176	2941.994	1) Gujrat	-1.179	2.574
2) Hydro	5.050	210.269	2) Madhya Pradesh	14.393	285.813
3) Gas	10.458	252.348	3) Chattisgarh	8.320	186.840
Total MSPGCL	132.684	3404.611	4) Maharashtra Net	126.599	3030.637
B) 1) APML	42.896	1242.483	5) Goa (Amona)	-0.594	-19.646
2) JSWEL	21.643	568.432	Total	147.539	3486.218
3) VIPL	10.042	309.429	a) Mumbai Schedule	21.501	514.558
4) RPL(AMT)	11.502	333.477	b) Mumbai Drawl	24.545	626.093
5) WPCL	4.250	19.936	c) MSEDCL Bilateral *	50.538	1055.962
6) PGPL	0.000	0.000	Include PX	11.514	171.712
7) Other IPP	11.409	260.470	d) Mumbai Bilateral *	21.501	514.558
C) 1) TPCL Thermal	9.036	327.972	Include PX	5.742	69.746
2) TPCL Hydro	4.425	93.915	Include Standby	0.000	0.000
3) TPCL Gas	4.374	105.836	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.425	261.590	1) MSEDCL	366.280	9245.196
D) STATE			2) Mumbai Discoms	52.805	1415.408
1) Thermal	238.379	6265.783	TOTAL STATE	419.085	10660.604
(A1+C1+C4+(B1-B6))					
2) Hydro	9.475	304.184			
(A2+C2)					
3) Gas	14.832	358.184			
(A3+B6+C3)					
4) Wind	5.627	167.834			
6) SOLAR	3.233	78.399			
TOTAL STATE	271.546	7174.384			

* 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	5164	5254	4960	4483
MSPGCL Hydro	427	109	680	92
MSPGCL Gas	423	415	448	437
MSPGCL Total Generation	6014	5778	6088	5012
Central Sector Receipt	7572	7839	6172	4585
WIND	189	108	148	362
CPP / IPP Thermal	4473	4433	4708	3573
CPP / IPP Gas	0	0	0	0
SOLAR	474	478	0	0
Exchange with Mumbai	-1175	-1033	-1153	-1041
MSEDCL DEMAND MET	17546	17603	15963	12491
Load Shedding	0	0	0	0
MSEDCL DEMAND	17546	17603	15963	12491
TPCL GENERATION	988	1110	951	485
R-INFRA GENERATION	488	502	502	376
MUMBAI DEMAND	2651	2645	2606	1902
STATE DEMAND MET	20197	20248	18569	14393
STATE DEMAND	20197	20248	18569	14393
Frequency (Hz)	49.94	49.94	50.02	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 13.03 Hrs	49.77 Hz at 15.39 Hrs	49.97	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 25/Nov/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.01	0	0
Unit 8	0.00	46.46	0	0
Unit 9	12.12	196.16	570	454
Unit 10	13.52	290.14	665	461
Total	25.64	532.77		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.48	212.98	360	350
Unit 5	8.58	214.86	360	350
Total	17.06	427.84		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.14	55.63	249	188
Unit 7	2.52	38.04	216	0
Unit 8	0.00	95.75	0	0
Total	7.66	189.41		
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	9.32	228.47	400	355
Unit 7	5.41	216.33	456	0
Unit 8	10.07	225.06	470	350
Unit 9	10.68	216.82	464	364
Total	35.47	889.88		
Paras				
Unit 3	5.31	130.41	250	186
Unit 4	5.43	132.78	251	189
Total	10.75	263.18		
Khaparkheda				
Unit 1	0.00	64.88	0	0
Unit 2	0.00	73.24	0	0
Unit 3	0.00	0.00	0	0
Unit 4	2.58	91.69	155	0
Unit 5	9.92	209.34	450	350
Total	12.50	439.15		
Nasik				
Unit 3	4.09	32.92	185	158
Unit 4	4.00	103.95	182	160
Unit 5	0.00	62.90	0	0
Total	8.09	199.76		
Uran				
All Units	10.46	252.35	455	412
Total	10.46	252.35		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.06	2.98	32	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	2.98		
Koyna				
Stage 1-2	1.91	79.58	230	40
Stage 4	0.49	49.08	230	0
Stage 3	0.75	28.55	240	0
Total	3.14	157.22		
Hydro				
KDPH	0.43	8.49	18	18
VTRNA	0.00	0.28	0	0
TILLARI	0.37	7.32	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	5.71	80	0
RNGR+BHTSA	0.38	9.49	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.42	12.27	18	17
GHATGHAR	0.00	9.49	0	0
Total	1.91	53.05		
Wind				
Total	5.63	167.83	0	0
Total	5.63	167.83		
CPP				
APML(Mus)	42.90	1242.48	0	0
JSWEL(Mus)	21.64	568.43	0	0
VIPL(Mus)	10.04	309.43	0	0
RPLAMT(Mus)	11.50	333.48	0	0
WPCL(Mus)	4.25	19.94	0	0
Other(Mus)	11.41	260.47	0	0
Total	101.74	2734.23		
SOLAR				
Total	3.23	78.40	0	0
Total	3.23	78.40		
Tata				
Trombay 5	9.04	234.52	489	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	66.63	116	114
Trombay 7B	1.61	39.20	69	66
Trombay 8	0.00	93.45	0	0
TATA Hydro	4.42	93.92	448	0
Total	17.84	527.72		
R-INFRA				
DTPS U-1&2	10.42	261.59	504	375
Total	10.42	261.59		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	117.18	2941.99	MSPGCL Total	132.68	3404.61
			MSPGCL Thml+Gas	127.63	3194.34	Koyna 1,2 & 4 Total	2.40	128.67
			MSPGCL Hydro	5.05	210.27	State Total	271.55	7174.38

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	4483	92	437	5012	362	3573	0	0	4680	4585	-1041	12491	0	12491	1902	14393	50.01
2	4471	92	448	5011	392	3586	0	0	4871	4966	-890	13065	0	13065	1753	14818	49.99
3	4689	97	447	5233	374	3772	0	0	4902	4888	-791	13476	0	13476	1654	15130	49.99
4	4720	92	438	5250	372	3848	0	0	4901	4895	-730	13636	0	13636	1593	15229	50.00
5	4810	97	450	5357	394	3962	0	0	5324	5145	-729	14129	0	14129	1591	15720	50.00
6	4893	102	451	5446	389	4329	0	0	5702	5717	-805	15077	0	15077	1669	16746	49.97
7	4956	187	454	5597	469	4454	0	4	6401	6278	-776	16026	0	16026	1772	17798	49.94
8	5044	177	437	5658	378	4594	0	64	6679	6370	-768	16296	0	16296	1886	18182	49.96
9	5185	144	447	5776	319	4734	0	215	6334	5967	-893	16118	0	16118	2082	18200	49.95
10	5135	338	431	5904	275	4326	0	353	6396	6258	-1175	15941	0	15941	2341	18282	49.92
11	5124	517	446	6087	251	4245	0	436	6805	7152	-1354	16817	0	16817	2547	19364	49.95
12	5164	427	423	6014	189	4473	0	474	7534	7572	-1175	17546	0	17546	2651	20197	49.94
13	5254	109	415	5778	108	4433	0	478	7657	7839	-1033	17603	0	17603	2645	20248	49.94
14	5263	97	416	5776	85	4361	0	456	7643	7739	-1045	17372	0	17372	2521	19893	49.99
15	5115	116	412	5643	93	4428	0	367	7573	7702	-949	17284	0	17284	2528	19812	49.91
16	5145	96	415	5656	81	4477	0	253	7546	7564	-896	17135	0	17135	2517	19652	49.91
17	5145	356	422	5923	92	4670	0	120	6962	7134	-881	17058	0	17058	2496	19554	49.92
18	5060	538	425	6023	107	4704	0	13	6176	6172	-967	16052	0	16052	2498	18550	49.97
19	4960	680	448	6088	148	4708	0	0	5589	6172	-1153	15963	0	15963	2606	18569	50.02
20	4774	255	430	5459	147	4444	0	0	5761	6034	-1261	14823	0	14823	2570	17393	50.00
21	4510	161	442	5113	88	4121	0	0	5653	5849	-1374	13797	0	13797	2468	16265	49.98
22	4476	100	435	5011	140	3872	0	0	5567	5558	-1393	13188	0	13188	2311	15499	50.03
23	4468	90	455	5013	155	3853	0	0	5296	5094	-1288	12827	0	12827	2162	14989	49.99
24	4332	90	434	4856	219	3774	0	0	5167	4887	-1178	12559	0	12559	2042	14601	50.02
MUs	117.18	5.05	10.46	132.68	5.63	101.74	0.00	3.23	147.12	147.54	-24.55	366.28	0.00	366.28	52.80	419.08	49.97

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 25/Nov/2017

Position as on 6.30 Hrs of 26/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 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	
TPC_G	Trombay 8	250	18/11/2017	19.40		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.	De-commissioned on dt. 01.04.2017	
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.	De-commissioned on dt.02.03.2017	
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.	
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	Chandrapur Unit 3	210	25/10/2017	00.45	26/11/2017	23.54	Boiler tube leakage. Continued due to shortage 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	26/11/2017	19.20	Auxiliary supply failure. Continued due to water shortage from dt. 01/11/17 0:00 hrs.	
MSPGCL	Bhusawal Unit 3	210	31/10/2017	22.37		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	01/11/2017	00.05	26/11/2017	16.36	Poor Coal Receipt.	
MSPGCL	Koradi Unit-8	660	07/11/2017	00.06		Continued.	poor coal receipt.	
IPP	RPL(AMT) U-2	270	10/11/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	16/11/2017	04.45		Continued.	Flame Failure	
IPP	Adani U-3	660	17/11/2017	20.59		Continued.	Tripped on APS Bellow Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Nov/2017

Position as on 6.30 Hrs of 26/Nov/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 1	210	18/11/2017	19.19		Continued.	Coal Shortage	
IPP	Adani U-5	660	19/11/2017	20.40		Continued.	Due to heavy leakage in seal air duct.	
MSPGCL	Khaparkheda Unit 2	210	20/11/2017	12.14		Continued.	Coal Shortage	
MSPGCL	Parli Unit 7	250	20/11/2017	21.00	25/11/2017	07.32	Coal Shortage	
CPP	IEPL Unit 1	270	22/11/2017	23.50		Continued.	Electrical fault	
MSPGCL	Ghatghar Unit-1	125	24/11/2017	10.00		Continued.	Governor Compressor Repairing work	
MSPGCL	Parli Unit 8	250	24/11/2017	12.50		Continued.	Boiler Tube Leakage	
RINFRA-G	REL Unit 2	250	25/11/2017	06:53	26/11/2017	18.27	Oil Leakage Attend Work Of GT	
MSPGCL	Chandrapur Unit 7	500	25/11/2017	14.00		Continued.	Air heater problem	
MSPGCL	Khaparkheda Unit 4	210	25/11/2017	19.19		Continued.	CHP coal feeding problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 26/Nov/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Main Bus-II @ Akola-II	IntraState	25/11/2017	08.42	25/11/2017	17.34	PO	Routine Maintenance Work
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	26/11/2017	06.35		Continued.	PO	Routine Maintenance Work
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 I	InterState	25/11/2017	09.19		Continued.	PO	LOC no.95 Y PH string repl work.
karad -kolhapur-II	IntraState	23/11/2017	18.02		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	23/11/2017	18.03		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	24/11/2017	18.24	26/11/2017	11.24	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	26/11/2017	00.26	26/11/2017	06.28	HT	Over Voltage
Padghe - Kalwa-II	IntraState	26/11/2017	12.58	26/11/2017	17.32	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	26/11/2017	17.38		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	26/11/2017	20.28		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500MVA ICT-IV @ Babhaleshwar	IntraState	25/11/2017	17.23	25/11/2017	19.53	EO	Attending hot spot on bushing.
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.
Mahalakshmi Amona	InterState	25/11/2017	04.03	25/11/2017	09.20	T	Trip on on high voltage.
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.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection RY phase fault.
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Osmanabad - Solapur (Bale)	IntraState	19/11/2017	14.35	26/11/2017	20.26	T	for parly ict o/l.
Kalwa - Colourchem	IntraState	25/11/2017	09.15	25/11/2017	20.03	PO	Isolator maintenance work.
Talandage(kolh'r)- Sawantwadi II	IntraState	25/11/2017	09.24		Continued.	PO	RMW,while charging line at 17.49 HRS , it tripped on D P.
Ghodbunder - Gorai	IntraState	25/11/2017	09.45	25/11/2017	14.14	PO	Replacement of bugs and connector of insulator.
Washala - Ghatghar	IntraState	25/11/2017	10.30	25/11/2017	16.25	PO	Routine Maintenance Work
Hinjawadi I- Chinchwad	IntraState	25/11/2017	11.06	25/11/2017	17.11	HT	For load control at user end.
Boisar Versova Line	IntraState	25/11/2017	12.27	25/11/2017	12.51	PO	Routine Maintenance Work
Urse - Talegaon (Ambi) Ckt 1	IntraState	25/11/2017	14.01	25/11/2017	16.38	PO	For isolator problem attending.
Trombay - Mulund	IntraState	26/11/2017	08.05	26/11/2017	17.24	PO	Routine Maintenance Work & Isolator maintenance work.
Uran - Kharghar I	IntraState	26/11/2017	08.55		Continued.	PO	Line maintenance work.
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)

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 25/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 26/Nov/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33kv 100 MVA Transformer 3 @Versova R/S	IntraState	16/11/2017	09:09		Continued.	PO	REFURBISHMENT OF TF UNDER SIS DPR SCHEME
220/132kv 100mva Ptr 1 @Kharepatan	IntraState	22/11/2017	03.34	25/11/2017	00.20	T	Differential protection
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	BUCHHOLZ PRV OPERATED.
220/132 Kv lct 2 200 Mva @Parbhani	IntraState	26/11/2017	16.52	26/11/2017	17.11	T	LBB OPTD of parbhani CKT 1& hence busbar OPTD.
220/132 Kv lct 1 200 Mva @Parbhani	IntraState	26/11/2017	16.52	26/11/2017	17.40	T	LBB OPTD of parbhani CKT 1& hence busbar OPTD.
132 KV LINE Outages/Trippings							
Parbhani-Gangakhed	IntraState	26/11/2017	16.52	26/11/2017	17.15	T	Distance Protection
Bageshwari-Parbhani	IntraState	26/11/2017	16.52	26/11/2017	17.16	T	LBB OPTD of parbhani CKT 1& hence busbar OPTD.
Main Bus I @ Parbhani	IntraState	26/11/2017	16.52	26/11/2017	17.11	T	lbb relay opted of 132kv bus b-ph ct burst of 132kv parbhani ckt 2 at 132kv parbhani s/s.
Parbhani - Parbhani I	IntraState	26/11/2017	16.52		Continued.	T	LBB OPTD of parbhani CKT 1& hence busbar OPTD.
Parbhani-Purna	IntraState	26/11/2017	16.52	26/11/2017	17.16	T	LBB OPTD of parbhani CKT 1& hence busbar OPTD.

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