

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Nov/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.526	3055.520	1) Gujrat	-0.248	2.326
2) Hydro	4.164	214.433	2) Madhya Pradesh	13.327	299.140
3) Gas	10.404	262.752	3) Chattisgarh	8.160	195.000
Total MSPGCL	128.094	3532.705	4) Maharashtra Net	132.889	3163.526
B) 1) APML	37.723	1280.206	5) Goa (Amona)	-0.880	-20.526
2) JSWEL	20.173	588.605	Total	153.248	3639.466
3) VIPL	12.034	321.463	a) Mumbai Schedule	18.762	533.320
4) RPL(AMT)	11.037	344.514	b) Mumbai Drawl	26.071	652.164
5) WPCL	4.210	24.146	c) MSEDCL Bilateral *	51.130	1107.092
6) PGPL	0.000	0.000	Include PX	8.976	180.689
7) Other IPP	11.503	271.973	d) Mumbai Bilateral *	18.762	533.320
C) 1) TPCL Thermal	8.039	336.011	Include PX	3.201	72.947
2) TPCL Hydro	1.335	95.250	Include Standby	0.000	0.000
3) TPCL Gas	4.364	110.200	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	7.178	268.768	1) MSEDCL	362.133	9607.329
D) STATE			2) Mumbai Discoms	46.987	1462.395
1) Thermal	225.423	6491.206	TOTAL STATE	409.120	11069.724
(A1+C1+C4+(B1-B6))					
2) Hydro	5.499	309.683			
(A2+C2)					
3) Gas	14.768	372.952			
(A3+B6+C3)					
4) Wind	6.823	174.657			
6) SOLAR	3.359	81.758			
TOTAL STATE	255.872	7430.256			

* 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	5123	5090	5081	4270
MSPGCL Hydro	226	270	236	108
MSPGCL Gas	418	417	437	449
MSPGCL Total Generation	5767	5777	5754	4827
Central Sector Receipt	7836	7801	6395	4584
WIND	253	185	247	258
CPP / IPP Thermal	4581	4611	3937	3611
CPP / IPP Gas	0	0	0	0
SOLAR	505	505	0	0
Exchange with Mumbai	-1191	-1256	-1141	-1152
MSEDCL DEMAND MET	17751	17623	15192	12128
Load Shedding	0	0	0	0
MSEDCL DEMAND	17751	17623	15192	12128
TPCL GENERATION	740	619	804	501
R-INFRA GENERATION	222	251	277	376
MUMBAI DEMAND	2153	2126	2222	2029
STATE DEMAND MET	19904	19749	17414	14157
STATE DEMAND	19904	19749	17414	14157
Frequency (Hz)	49.95	50.01	50.02	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 06.01 Hrs	49.8 Hz at 06.44 Hrs	50	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 26/Nov/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.60	0.61	137	0
Unit 8	0.00	46.46	0	0
Unit 9	12.36	208.52	551	460
Unit 10	12.88	303.02	600	375
Total	25.84	558.61		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.04	223.02	505	350
Unit 5	10.08	224.93	510	350
Total	20.11	447.94		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.26	60.89	250	189
Unit 7	4.77	42.81	234	158
Unit 8	0.00	95.75	0	0
Total	10.03	199.44		
Chandrapur				
Unit 3	0.00	0.00	5	0
Unit 4	0.20	0.20	70	0
Unit 5	0.00	3.20	0	0
Unit 6	9.35	237.82	400	338
Unit 7	0.00	216.33	0	0
Unit 8	8.42	233.47	360	340
Unit 9	10.60	227.43	456	360
Total	28.57	918.45		
Paras				
Unit 3	5.39	135.79	251	189
Unit 4	5.45	138.22	255	190
Total	10.83	274.02		
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	0.00	91.69	0	0
Unit 5	9.80	219.14	450	345
Total	9.80	448.95		
Nasik				
Unit 3	4.18	37.10	196	160
Unit 4	4.17	108.11	195	161
Unit 5	0.00	62.90	0	0
Total	8.35	208.11		
Uran				
All Units	10.40	262.75	449	400
Total	10.40	262.75		
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)	0.04	3.02	28	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	3.02		
Koyna				
Stage 1-2	1.52	81.10	290	40
Stage 4	0.00	49.08	0	0
Stage 3	0.44	28.99	80	0
Total	1.96	159.18		
Hydro				
KDPH	0.43	8.91	18	17
VTRNA	0.00	0.28	0	0
TILLARI	0.25	7.56	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	5.87	80	0
RNGR+BHTSA	0.38	9.87	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.45	12.72	19	18
GHATGHAR	0.54	10.03	125	0
Total	2.20	55.25		
Wind				
Total	6.82	174.66	0	0
Total	6.82	174.66		
CPP				
APML(Mus)	37.72	1280.21	0	0
JSWEL(Mus)	20.17	588.60	0	0
VIPL(Mus)	12.03	321.46	0	0
RPLAMT(Mus)	11.04	344.51	0	0
WPCL(Mus)	4.21	24.15	0	0
Other(Mus)	11.50	271.97	0	0
Total	96.68	2830.91		
SOLAR				
Total	3.36	81.76	0	0
Total	3.36	81.76		
Tata				
Trombay 5	8.04	242.56	487	274
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.75	69.38	116	107
Trombay 7B	1.61	40.82	68	64
Trombay 8	0.00	93.45	0	0
TATA Hydro	1.34	95.25	241	56
Total	13.74	541.46		
R-INFRA				
DTPS U-1&2	7.18	268.77	378	186
Total	7.18	268.77		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	113.53	3055.52	MSPGCL Total	128.09	3532.70
			MSPGCL Thml+Gas	123.93	3318.27	Koyna 1,2 & 4 Total	1.52	130.19
			MSPGCL Hydro	4.16	214.43	State Total	255.87	7430.26

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	4230	90	435	4755	396	3601	0	0	4698	4841	-1050	12543	0	12543	1915	14458	50.01
2	4266	100	431	4797	412	3592	0	0	4951	5105	-923	12982	0	12982	1775	14757	49.97
3	4405	90	437	4932	421	3790	0	0	5062	5165	-844	13464	0	13464	1672	15136	50.00
4	4388	96	448	4932	413	3853	0	0	5069	5292	-780	13710	0	13710	1613	15323	49.99
5	4390	103	448	4941	397	3857	0	0	5583	5586	-769	14012	0	14012	1604	15616	49.98
6	4382	93	449	4924	371	3856	0	0	6063	6358	-822	14688	0	14688	1654	16342	50.00
7	4612	103	447	5162	422	3895	0	2	6852	7069	-892	15659	0	15659	1682	17341	49.96
8	4797	103	446	5346	390	4309	0	71	7144	6977	-1052	16041	0	16041	1727	17768	49.94
9	4702	238	448	5388	309	4425	0	222	6798	6981	-1158	16167	0	16167	1846	18013	49.99
10	4942	446	441	5829	244	4358	0	342	6474	6761	-1305	16230	0	16230	1992	18222	50.02
11	5098	229	424	5751	247	4607	0	433	7241	7185	-1357	16867	0	16867	2098	18965	49.95
12	5123	226	418	5767	253	4581	0	505	7702	7836	-1191	17751	0	17751	2153	19904	49.95
13	5090	270	417	5777	185	4611	0	505	7646	7801	-1256	17623	0	17623	2126	19749	50.01
14	5134	103	412	5649	194	4608	0	461	7700	7751	-1193	17469	0	17469	2057	19526	50.05
15	5126	93	424	5643	124	4567	0	399	7688	7732	-1208	17257	0	17257	2022	19279	50.01
16	5116	284	416	5816	116	4138	0	280	7604	7767	-1058	17059	0	17059	2003	19062	49.98
17	5137	363	420	5920	105	3896	0	125	7308	7564	-937	16673	0	16673	1999	18672	50.00
18	5154	336	400	5890	171	3916	0	14	6686	6490	-972	15508	0	15508	2039	17547	49.96
19	5081	236	437	5754	247	3937	0	0	6161	6395	-1141	15192	0	15192	2222	17414	50.02
20	4753	160	428	5341	300	3738	0	0	6121	6021	-1192	14208	0	14208	2245	16453	50.03
21	4603	93	444	5140	300	3661	0	0	5781	5583	-1274	13411	0	13411	2221	15632	50.00
22	4434	103	443	4980	275	3672	0	0	5401	5343	-1303	12967	0	12967	2177	15144	50.07
23	4293	98	442	4833	273	3602	0	0	5225	5059	-1242	12525	0	12525	2116	14641	50.03
24	4270	108	449	4827	258	3611	0	0	4742	4584	-1152	12128	0	12128	2029	14157	50.05
MUs	113.53	4.16	10.40	128.09	6.82	96.68	0.00	3.36	151.70	153.25	-26.07	362.13	0.00	362.13	46.99	409.12	50.00

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 26/Nov/2017

Position as on 6.30 Hrs of 27/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 26/Nov/2017

Position as on 6.30 Hrs of 27/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	
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 26/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 27/Nov/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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	27/11/2017	06.26	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	27/11/2017	06.20	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	26/11/2017	20.28	27/11/2017	06.11	HT	Over Voltage
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.
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.
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.
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)
220/33kv 100 MVA Transformer 3 @Versova R/S	IntraState	16/11/2017	09:09		Continued.	PO	REFURBISHMENT OF TF UNDER SIS DPR SCHEME
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	BUCHHOLZ PRV OPERATED.
220/132 Kv Ict 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 Ict 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.

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 26/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 27/Nov/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Parbhani-Purna	IntraState	26/11/2017	16.52	26/11/2017	17.16	T	LBB OPTD of parbhani CKT 1& hence busbar OPTD.