

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Nov/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.581	3175.101	1) Gujrat	-0.396	1.930
2) Hydro	10.846	225.279	2) Madhya Pradesh	13.084	312.224
3) Gas	10.432	273.184	3) Chattisgarh	8.020	203.020
Total MSPGCL	140.859	3673.564	4) Maharashtra Net	128.327	3291.853
B) 1) APML	32.799	1313.005	5) Goa (Amona)	-1.078	-21.604
2) JSWEL	22.029	610.634	Total	147.957	3787.423
3) VIPL	12.951	334.414	a) Mumbai Schedule	22.813	556.133
4) RPL(AMT)	11.878	356.392	b) Mumbai Drawl	25.415	677.579
5) WPCL	4.474	28.620	c) MSEDCL Bilateral *	44.003	1151.095
6) PGPL	0.000	0.000	Include PX	8.016	188.705
7) Other IPP	12.070	284.043	d) Mumbai Bilateral *	22.813	556.133
C) 1) TPCL Thermal	9.968	345.979	Include PX	4.344	77.291
2) TPCL Hydro	5.375	100.625	Include Standby	0.000	0.000
3) TPCL Gas	4.348	114.548	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.807	279.575	1) MSEDCL	367.754	9975.083
D) STATE			2) Mumbai Discoms	55.913	1518.308
1) Thermal	236.557	6727.763	TOTAL STATE	423.667	11493.391
(A1+C1+C4+(B1-B6))					
2) Hydro	16.221	325.904			
(A2+C2)					
3) Gas	14.780	387.732			
(A3+B6+C3)					
4) Wind	4.658	179.315			
6) SOLAR	3.494	85.252			
TOTAL STATE	275.710	7705.966			

* 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	5244	5291	5282	4323
MSPGCL Hydro	951	842	758	105
MSPGCL Gas	415	405	426	435
MSPGCL Total Generation	6610	6538	6466	4863
Central Sector Receipt	7617	7823	6068	4653
WIND	224	139	152	232
CPP / IPP Thermal	4173	4174	4409	3566
CPP / IPP Gas	0	0	0	0
SOLAR	491	522	1	0
Exchange with Mumbai	-1269	-1229	-1168	-1015
MSEDCL DEMAND MET	17846	17967	15928	12299
Load Shedding	0	0	0	0
MSEDCL DEMAND	17846	17967	15928	12299
TPCL GENERATION	1128	1107	1092	497
R-INFRA GENERATION	502	503	501	377
MUMBAI DEMAND	2899	2839	2761	1889
STATE DEMAND MET	20745	20806	18689	14188
STATE DEMAND	20745	20806	18689	14188
Frequency (Hz)	49.91	49.95	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 00.00 Hrs	49.78 Hz at 06.19 Hrs	49.96	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 27/Nov/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.68	4.29	167	121
Unit 8	0.00	46.46	0	0
Unit 9	10.72	219.24	506	412
Unit 10	11.30	314.31	540	363
Total	25.69	584.30		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.71	232.72	455	345
Unit 5	9.81	234.74	455	350
Total	19.52	467.46		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.04	65.92	250	187
Unit 7	4.98	47.78	238	187
Unit 8	1.50	97.24	179	0
Total	11.51	210.95		
Chandrapur				
Unit 3	3.04	3.05	168	15
Unit 4	3.79	3.99	182	110
Unit 5	0.00	3.20	0	0
Unit 6	9.15	246.97	400	342
Unit 7	0.00	216.33	0	0
Unit 8	7.28	240.75	359	0
Unit 9	10.51	237.94	465	360
Total	33.78	952.23		
Paras				
Unit 3	5.30	141.09	249	186
Unit 4	5.42	143.65	256	188
Total	10.72	284.74		
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	10.00	229.14	455	350
Total	10.00	458.94		
Nasik				
Unit 3	4.16	41.27	195	158
Unit 4	4.20	112.31	190	152
Unit 5	0.00	62.90	0	0
Total	8.36	216.47		
Uran				
All Units	10.43	273.18	458	405
Total	10.43	273.18		
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)	0.08	3.10	20	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	3.10		
Koyna				
Stage 1-2	3.71	84.82	440	40
Stage 4	2.57	51.66	250	0
Stage 3	1.59	30.58	240	0
Total	7.87	167.05		
Hydro				
KDPH	0.20	9.11	18	0
VTRNA	0.00	0.28	0	0
TILLARI	0.38	7.94	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	6.09	77	0
RNGR+BHTSA	0.40	10.27	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.64	13.37	27	26
GHATGHAR	1.14	11.16	125	0
Total	2.98	58.23		
Wind				
Total	4.66	179.32	0	0
Total	4.66	179.32		
CPP				
APML(Mus)	32.80	1313.00	0	0
JSWEL(Mus)	22.03	610.63	0	0
VIPL(Mus)	12.95	334.41	0	0
RPLAMT(Mus)	11.88	356.39	0	0
WPCL(Mus)	4.47	28.62	0	0
Other(Mus)	12.07	284.04	0	0
Total	96.20	2927.11		
SOLAR				
Total	3.49	85.25	0	0
Total	3.49	85.25		
Tata				
Trombay 5	9.97	252.53	491	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	72.12	115	108
Trombay 7B	1.61	42.42	68	65
Trombay 8	0.00	93.45	0	0
TATA Hydro	5.38	100.62	459	12
Total	19.69	561.15		
R-INFRA				
DTPS U-1&2	10.81	279.58	503	375
Total	10.81	279.58		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	119.58	3175.10	MSPGCL Total	140.86	3673.56
			MSPGCL Thml+Gas	130.01	3448.28	Koyna 1,2 & 4 Total	6.28	136.47
			MSPGCL Hydro	10.85	225.28	State Total	275.71	7705.97

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	4323	105	435	4863	232	3566	0	0	4676	4653	-1015	12299	0	12299	1889	14188	50.00
2	4349	105	446	4900	176	3578	0	0	5002	4928	-874	12708	0	12708	1741	14449	49.99
3	4491	110	447	5048	218	3614	0	0	5171	5018	-784	13114	0	13114	1646	14760	49.99
4	4527	100	436	5063	214	3659	0	0	5155	5118	-723	13331	0	13331	1587	14918	50.01
5	4693	106	448	5247	256	3655	0	0	5326	5430	-723	13865	0	13865	1586	15451	49.96
6	5156	101	458	5715	291	3934	0	0	5661	5720	-678	14982	0	14982	1713	16695	49.97
7	5196	261	438	5895	357	4077	0	3	6308	6294	-685	15941	0	15941	1886	17827	49.88
8	5217	543	449	6209	316	4240	0	64	6435	6368	-812	16385	0	16385	2036	18421	49.90
9	5200	644	436	6280	364	4401	0	213	6158	6332	-992	16598	0	16598	2311	18909	49.96
10	5241	451	452	6144	276	4257	0	355	6229	6389	-1063	16358	0	16358	2616	18974	49.97
11	5221	846	439	6506	299	4171	0	438	6814	6972	-1241	17145	0	17145	2831	19976	49.93
12	5244	951	415	6610	224	4173	0	491	7550	7617	-1269	17846	0	17846	2899	20745	49.91
13	5291	842	405	6538	139	4174	0	522	7495	7823	-1229	17967	0	17967	2839	20806	49.95
14	5255	854	413	6522	100	4156	0	479	7139	7291	-1160	17388	0	17388	2727	20115	49.97
15	5229	862	412	6503	82	4141	0	414	7421	7608	-1161	17587	0	17587	2764	20351	49.91
16	5250	786	416	6452	85	4149	0	310	7482	7650	-1151	17495	0	17495	2770	20265	49.91
17	5291	944	422	6657	73	4347	0	166	6949	6995	-1137	17101	0	17101	2753	19854	49.91
18	5276	776	435	6487	81	4453	0	38	6224	6329	-1143	16245	0	16245	2731	18976	49.96
19	5282	758	426	6466	152	4409	0	1	5590	6068	-1168	15928	0	15928	2761	18689	49.99
20	5231	233	439	5903	211	4141	0	0	5681	5868	-1198	14925	0	14925	2641	17566	49.99
21	4926	146	429	5501	180	3837	0	0	5429	5610	-1292	13836	0	13836	2511	16347	49.98
22	4636	144	444	5224	150	3720	0	0	5359	5781	-1352	13523	0	13523	2353	15876	49.98
23	4603	94	445	5142	116	3718	0	0	5274	5082	-1346	12712	0	12712	2228	14940	50.01
24	4453	84	447	4984	66	3629	0	0	5242	5013	-1219	12473	0	12473	2094	14567	50.00
MUs	119.58	10.85	10.43	140.86	4.66	96.20	0.00	3.49	145.77	147.96	-25.42	367.75	0.00	367.75	55.91	423.67	49.96

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 27/Nov/2017

Position as on 6.30 Hrs of 28/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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
MSPGCL	Bhusawal Unit 3	210	31/10/2017	22.37		Continued.	Coal Shortage	
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, withdrawn due to coal shortage since 20.11.2017 at 11:00Hrs	
IPP	Adani U-3	660	17/11/2017	20.59		Continued.	Tripped on APS Bellow Leakage	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Nov/2017

Position as on 6.30 Hrs of 28/Nov/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Parli Unit 8	250	24/11/2017	12.50	27/11/2017	12.45	Boiler Tube Leakage	
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	
MSPGCL	Chandrapur Unit-8	500	27/11/2017	21.24		Continued.	Boiler Tube Leakage	
IPP	VIPL U-2	300	28/11/2017	01.18		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 28/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.
Dhule Sar'Sarovar II	InterState	27/11/2017	18.32		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	23/11/2017	18.02	27/11/2017	10.39	HT	Over Voltage
Karad-Jaigad - I	IntraState	23/11/2017	18.03		Continued.	HT	Over Voltage
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
Main Bus-II @ Kolhapur	IntraState	27/11/2017	12.55	27/11/2017	20.48	PO	bus stringing work.
karad -kolhapur-II	IntraState	27/11/2017	17.52		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	27/11/2017	18.39	28/11/2017	06.49	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 315MVA ICT-I@bhusawal(khadka)	IntraState	27/11/2017	08.33	27/11/2017	17.17	PO	SFRA Test of ICTAND Maintenance Work.
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)
Talandage(kolh'r)- Sawantwadi II	IntraState	25/11/2017	09.24	27/11/2017	13.38	PO	RMW,while charging line at 17.49 HRS . it tripped on D P.
Uran - Kharghar I	IntraState	26/11/2017	08.55		Continued.	PO	Line maintenance work.
Nigade- Peth Line	IntraState	27/11/2017	10.03	27/11/2017	13.51	PO	Testing Work
Talandage(kolh'r)- Sawantwadi II	IntraState	27/11/2017	13.55	27/11/2017	18.56	T	Distance Protection
Peth- Mudshingi -I	IntraState	27/11/2017	14.20	27/11/2017	15.40	PO	Testing Work
Deepnagar Amalner	IntraState	27/11/2017	17.27		Continued.	PO	Distance Protection Operated Zone 1 R PH 50.75KM 7.2KA.
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.
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	27/11/2017	09.45	27/11/2017	18.40	PO	Testing Work
220/132/11 Kv 200 Mva Trans & Rect Ict 1 @Amravati	IntraState	27/11/2017	10.14	27/11/2017	11.30	PO	PNRV Closed Alarm Received On CTR Panel.
132 KV LINE Outages/Trippings							
Parbhani - Parbhani I	IntraState	26/11/2017	16.52		Continued.	T	LBB OPTD of parbhani CKT 1&

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 27/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 28/Nov/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kanhana-Mansar	IntraState	27/11/2017	08.04	27/11/2017	09.47	EO	hence busbar OPTD.
							Attending Hot Spot