

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 28/Oct/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.825	3237.126	1) Gujrat	-0.793	-54.981
2) Hydro	5.240	182.261	2) Madhya Pradesh	9.278	303.761
3) Gas	10.150	207.280	3) Chattisgarh	3.780	176.110
Total MSPGCL	149.215	3626.667	4) Maharashtra Net	110.321	3200.808
B) 1) APML	53.563	1351.458	5) Goa (Amona)	-0.770	-6.490
2) JSWEL	25.423	688.136	Total	121.816	3619.208
3) VIPL	13.719	283.633	a) Mumbai Schedule	24.231	658.670
4) RPL(AMT)	15.217	256.005	b) Mumbai Drawl	26.849	900.655
5) WPCL	1.277	53.740	c) MSEDCL Bilateral *	27.947	943.466
6) PGPL	0.000	0.000	Include PX	0.000	46.141
7) Other IPP	2.833	165.203	d) Mumbai Bilateral *	24.231	657.820
C) 1) TPCL Thermal	12.577	387.480	Include PX	3.266	107.832
2) TPCL Hydro	5.414	108.303	Include Standby	0.000	0.850
3) TPCL Gas	3.075	74.344	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.789	238.810	1) MSEDCL	361.433	9347.282
D) STATE			2) Mumbai Discoms	58.702	1709.582
1) Thermal	269.223	6661.591	TOTAL STATE	420.135	11056.864
(A1+C1+C4+(B1-B6))					
2) Hydro	10.654	290.564			
(A2+C2)					
3) Gas	13.225	281.624			
(A3+B6+C3)					
4) Wind	2.043	127.200			
6) SOLAR	3.176	76.687			
TOTAL STATE	298.321	7437.666			

* 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	5624	5634	5738	5452
MSPGCL Hydro	629	461	211	223
MSPGCL Gas	408	405	416	440
MSPGCL Total Generation	6661	6500	6365	6115
Central Sector Receipt	5592	5750	4962	4705
WIND	65	58	65	102
CPP / IPP Thermal	5222	5240	5460	3492
CPP / IPP Gas	0	0	0	0
SOLAR	478	449	0	0
Exchange with Mumbai	-1235	-1229	-1208	-1324
MSEDCL DEMAND MET	16783	16768	15644	13089
Load Shedding	0	0	0	0
MSEDCL DEMAND	16783	16768	15644	13089
TPCL GENERATION	1145	1143	1047	625
R-INFRA GENERATION	500	499	500	376
MUMBAI DEMAND	2880	2871	2755	2325
STATE DEMAND MET	19663	19639	18399	15414
STATE DEMAND	19663	19639	18399	15414
Frequency (Hz)	49.92	49.95	49.95	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13.03 Hrs	49.68 Hz at 18.11 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 28/Oct/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	3.90	10.40	170	145
Unit 8	0.00	278.26	0	0
Unit 9	0.00	0.00	0	0
Unit 10	14.35	297.48	660	530
Total	18.25	586.14		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	2.49	2.49	160	0
Unit 4	8.63	239.36	460	340
Unit 5	8.75	238.73	465	350
Total	19.87	480.59		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	60.41	0	0
Unit 7	0.00	34.96	0	0
Unit 8	4.76	52.43	207	186
Total	4.76	147.79		
Chandrapur				
Unit 3	0.00	0.08	0	0
Unit 4	3.73	87.82	168	147
Unit 5	9.04	224.08	385	343
Unit 6	9.19	140.50	410	344
Unit 7	9.69	269.00	415	370
Unit 8	8.94	196.61	389	350
Unit 9	8.96	238.44	385	364
Total	49.54	1156.53		
Paras				
Unit 3	5.73	110.92	250	217
Unit 4	5.71	133.94	250	215
Total	11.44	244.87		
Khaparkheda				
Unit 1	3.61	19.76	160	95
Unit 2	3.61	57.60	180	120
Unit 3	0.00	0.00	0	0
Unit 4	4.00	71.90	185	151
Unit 5	10.45	262.68	460	361
Total	21.67	411.95		
Nasik				
Unit 3	3.86	84.85	165	150
Unit 4	4.43	67.60	204	165
Unit 5	0.00	56.82	0	0
Total	8.29	209.27		
Uran				
All Units	10.15	207.28	449	395
Total	10.15	207.28		
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)	0.48	15.30	27	0
Total	0.48	15.30		
Koyna				
Stage 1-2	2.36	70.90	395	40
Stage 4	0.30	47.23	160	0
Stage 3	0.57	28.56	160	0
Total	3.23	146.69		
Hydro				
KDPH	0.00	2.03	0	0
VTRNA	0.28	4.96	61	0
TILLARI	0.00	0.23	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.37	6.90	40	0
RNGR+BHTSA	0.38	8.98	17	16
BHANDARDRA	0.00	1.80	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.01	4.99	1	0
GHATGHAR	0.96	5.68	125	0
Total	2.01	35.57		
Wind				
Total	2.04	127.20	0	0
Total	2.04	127.20		
CPP				
APML(Mus)	53.56	1351.46	0	0
JSWEL(Mus)	25.42	688.14	0	0
VIPL(Mus)	13.72	283.63	0	0
RPLAMT(Mus)	15.22	256.00	0	0
WPCL(Mus)	1.28	53.74	0	0
Other(Mus)	2.83	165.20	0	0
Total	112.03	2798.18		
SOLAR				
Total	3.18	76.69	0	0
Total	3.18	76.69		
Tata				
Trombay 5	7.13	240.80	303	289
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.81	42.17	91	56
Trombay 7B	1.26	32.18	58	44
Trombay 8	5.45	146.68	248	197
TATA Hydro	5.41	108.30	459	3
Total	21.07	570.13		
R-INFRA				
DTPS U-1&2	10.79	238.81	500	375
Total	10.79	238.81		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.82	3237.13	MSPGCL Total	149.22	3626.67
			MSPGCL Thml+Gas	143.98	3444.41	Koyna 1,2 & 4 Total	2.66	118.12
			MSPGCL Hydro	5.24	182.26	State Total	298.32	7437.67

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/Oct/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	5452	223	440	6115	102	3492	0	0	4645	4705	-1324	13089	0	13089	2325	15414	49.94
2	5386	317	438	6141	58	3461	0	0	4639	4923	-1163	13420	0	13420	2141	15561	49.95
3	5377	102	429	5908	79	3708	0	0	4712	4947	-1047	13595	0	13595	2013	15608	49.98
4	5299	67	440	5806	68	3766	0	0	4808	4855	-962	13533	0	13533	1929	15462	49.94
5	5361	62	430	5853	93	3713	0	0	4849	5035	-923	13771	0	13771	1889	15660	49.87
6	5569	114	449	6132	87	3972	0	0	5029	5047	-901	14337	0	14337	1930	16267	49.85
7	5622	207	431	6260	115	4576	0	9	5224	5033	-786	15207	0	15207	1971	17178	49.93
8	5573	197	443	6213	88	4745	0	86	5239	5442	-838	15737	0	15737	2061	17798	49.95
9	5609	116	427	6152	67	4854	0	234	5377	5118	-852	15573	0	15573	2204	17777	49.92
10	5628	101	423	6152	75	5161	0	340	5417	4908	-1085	15550	0	15550	2567	18117	49.97
11	5668	285	423	6376	64	5258	0	429	5556	5204	-1185	16146	0	16146	2785	18931	49.92
12	5624	629	408	6661	65	5222	0	478	5784	5592	-1235	16783	0	16783	2880	19663	49.92
13	5634	461	405	6500	58	5240	0	449	5844	5750	-1229	16768	0	16768	2871	19639	49.95
14	5670	327	395	6392	54	5277	0	439	5710	5467	-1222	16407	0	16407	2747	19154	50.00
15	5740	300	404	6444	87	5216	0	322	5879	5496	-1212	16354	0	16354	2779	19133	49.97
16	5701	248	403	6352	65	5365	0	263	5764	5602	-1203	16444	0	16444	2772	19216	49.94
17	5631	427	396	6454	85	5341	0	113	5268	5250	-1121	16123	0	16123	2734	18857	49.89
18	5664	166	411	6241	77	5437	0	14	4977	4737	-1122	15384	0	15384	2668	18052	49.97
19	5738	211	416	6365	65	5460	0	0	5126	4962	-1208	15644	0	15644	2755	18399	49.95
20	5740	137	419	6296	96	5394	0	0	5266	4849	-1224	15411	0	15411	2778	18189	50.01
21	5657	167	431	6255	60	4751	0	0	5143	4867	-1172	14761	0	14761	2575	17336	50.00
22	5638	132	424	6194	69	4385	0	0	5029	4796	-1287	14157	0	14157	2551	16708	50.02
23	5554	122	436	6112	132	4305	0	0	4991	4459	-1269	13739	0	13739	2457	16196	49.98
24	5290	122	429	5841	234	3932	0	0	4938	4775	-1279	13503	0	13503	2322	15825	49.95
MUs	133.83	5.24	10.15	149.22	2.04	112.03	0.00	3.18	125.21	121.82	-26.85	361.43	0.00	361.43	58.70	420.14	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 28/Oct/2017

Position as on 6.30 Hrs of 29/Oct/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	Koradi Unit 9	660	07/09/2017	00.38		Continued.	Coal shortage form 12.09.2017 converted to AOH dt.1.10.2017.	
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.	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	Bhusawal Unit 3	210	27/08/2017	07.43	28/10/2017	06.59	Coal Shortage From 29.08.2017.	
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.	
MSPGCL	Parli Unit 6	250	14/10/2017	17.04		Continued.	zero schedule by msedcl.	
MSPGCL	Nasik Unit 5	210	14/10/2017	21.05		Continued.	zero schedule by msedcl.	
IPP	RPL(AMT) U-4	270	16/10/2017	14.47	28/10/2017	06.57	Flame Failure Converted into zero schedule.(21.30 hrs. Dt 16-10-2017)	
IPP	Adani U-2	660	18/10/2017	05.58		Continued.	aph support bearing abnormal sound and oil leakage.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/Oct/2017

Position as on 6.30 Hrs of 29/Oct/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 3	210	25/10/2017	00.45		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit-8	660	26/10/2017	22.37	29/10/2017	13.20	ESP 'A'pass Gate Problem	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
IPP	Adani U-3	660	28/10/2017	00.18	28/10/2017	05.40	Boiler MFT	
IPP	RPL(AMT) U-4	270	28/10/2017	07.15	28/10/2017	08.53	Generator Protection operated	
IPP	Adani U-5	660	28/10/2017	20.47		Continued.	ash handling problem.	
MSPGCL	Chandrapur Unit 4	210	29/10/2017	04.45		Continued.	Auxiliary supply failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 29/Oct/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	28/10/2017	03.42	28/10/2017	06.16	T	unbalance voltage protection at chandrapur end.
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	26/10/2017	18.15	28/10/2017	11.35	HT	Over Voltage
Koradi Satpur	InterState	27/10/2017	23.41	28/10/2017	00.42	T	Tripped at Satpur end only(Pole Discrepancy)
Koradi Satpur	InterState	28/10/2017	01.04	28/10/2017	03.42	T	Tripped at Sarni end only
Koradi Satpur	InterState	28/10/2017	01.24	28/10/2017	03.42	T	Tripped at Satpur end only(Pole Discrepancy)
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	28/10/2017	10.50	28/10/2017	14.04	EO	Attending Hot Spot
Koradi Bhilai	InterState	28/10/2017	12.47	28/10/2017	18.18	PO	outage by wrldc.
Dhule Sar'Sarovar II	InterState	28/10/2017	17.41	28/10/2017	11.35	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	26/10/2017	15.16		Continued.	PO	SCADA work (RFC 19.53Hrs Dt.27/10/2017)
karad -kolhapur-II	IntraState	27/10/2017	11.36	28/10/2017	09.48	EO	To attend Hot Spot(RFC 13.53Hrs)
Karad-Jaigad - I	IntraState	27/10/2017	18.12	28/10/2017	07.57	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	27/10/2017	22.04	28/10/2017	11.25	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	28/10/2017	08.39	28/10/2017	16.56	PO	Routine Maintenance Work
Jaigad-Karad Ckt-I	IntraState	28/10/2017	23.41		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	28/10/2017	08.13	28/10/2017	19.39	PO	Routine Maintenance Work
400/220 KV 500MVA ICT II @ Nanded	IntraState	28/10/2017	11.59	28/10/2017	18.36	PO	Annual 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.
Borivali - Tarapur	InterState	26/10/2017	11.01		Continued.	HT	Zone-II Main Bus outage
Mahalakshmi Amona	InterState	28/10/2017	14.16	28/10/2017	14.42	T	Over Voltage
Tillari Amona	InterState	28/10/2017	14.16	28/10/2017	14.42	T	Over 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.
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
Pophali - Kdph	IntraState	28/10/2017	10.20	28/10/2017	17.15	PO	Line Maintenance work
Khadka-Bhadli-2	IntraState	28/10/2017	10.39	28/10/2017	13.51	PO	Testing Work
Waluj - Degaon Rangari	IntraState	28/10/2017	12.27	28/10/2017	16.05	PO	Testing Work
Sonkhar - Trombay	IntraState	28/10/2017	12.45	28/10/2017	19.26	PO	Testing Work
Khadka-Bhadli-1	IntraState	28/10/2017	13.57	28/10/2017	15.56	PO	Testing Work
Kalwa - Mulund 1	IntraState	29/10/2017	08.09	29/10/2017	13.32	PO	construction work of kharghar - borivali ckt 02.
Parly-Parly Extn-I	IntraState	29/10/2017	23.32	29/10/2017	11.02	T	humming sound in y ph ct.
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

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 28/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 29/Oct/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							commissioning)
220/110kv 100MVA ICT-II @Miraj	IntraState	18/09/2017	11.27		Continued.	PO	Replacement 220/110KV 100 MVA ICT 2 by new 220/132-110KV 200 MVA ICT(Kept on Humming from 27.10.2017)
220/132 Kv 200 Mva Vijai Ict 1 @Ranjangaon	IntraState	28/10/2017	11.37	28/10/2017	16.02	PO	oil top up work.
220/132 KV 100MVA ICT @ Kawlewadi	IntraState	29/10/2017	09.16	29/10/2017	17.25	PO	lv side ct replacement work.
132 KV LINE Outages/Trippings							
Seloo - Mahatmasugar	InterState	29/10/2017	17.33	29/10/2017	17.49	T	Distance Protection
Risod-Yeldari	IntraState	26/10/2017	14.26	29/10/2017	18.50	T	Distance Protection
Shahada-Taloda	IntraState	29/10/2017	03.29	29/10/2017	03.50	T	Distance Protection
Deepnagar- Nimbhora	IntraState	29/10/2017	13.13	29/10/2017	13.33	T	Distance Protection