

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Oct/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.558	3366.684	1) Gujrat	1.208	-53.773
2) Hydro	3.854	186.115	2) Madhya Pradesh	8.599	312.360
3) Gas	10.217	217.497	3) Chattisgarh	5.560	181.670
Total MSPGCL	143.629	3770.296	4) Maharashtra Net	114.497	3315.305
B) 1) APML	43.421	1394.879	5) Goa (Amona)	-0.572	-7.062
2) JSWEL	22.118	710.254	Total	129.292	3748.500
3) VIPL	13.061	296.694	a) Mumbai Schedule	18.370	677.040
4) RPL(AMT)	17.388	273.393	b) Mumbai Drawl	24.080	924.735
5) WPCL	1.191	54.931	c) MSEDCL Bilateral *	33.244	976.710
6) PGPL	0.000	0.000	Include PX	0.000	46.141
7) Other IPP	2.791	167.994	d) Mumbai Bilateral *	18.370	676.190
C) 1) TPCL Thermal	12.250	399.730	Include PX	1.862	109.694
2) TPCL Hydro	2.059	110.362	Include Standby	0.000	0.850
3) TPCL Gas	3.598	77.942	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.254	249.064	1) MSEDCL	357.051	9704.333
D) STATE			2) Mumbai Discoms	52.241	1761.823
1) Thermal	252.032	6913.623	TOTAL STATE	409.292	11466.156
(A1+C1+C4+(B1-B6))					
2) Hydro	5.913	296.477			
(A2+C2)					
3) Gas	13.815	295.439			
(A3+B6+C3)					
4) Wind	5.040	132.240			
6) SOLAR	3.200	79.887			
TOTAL STATE	280.000	7717.666			

* 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 24 Hrs
MSPGCL Thermal	5424	5436	5710	5333
MSPGCL Hydro	600	350	188	56
MSPGCL Gas	408	407	415	439
MSPGCL Total Generation	6432	6193	6313	5828
Central Sector Receipt	5897	5870	5322	4675
WIND	264	256	135	247
CPP / IPP Thermal	4603	4577	4545	3482
CPP / IPP Gas	0	0	0	0
SOLAR	471	437	0	0
Exchange with Mumbai	-952	-982	-1126	-1289
MSEDCL DEMAND MET	16716	16351	15189	12943
Load Shedding	0	0	0	0
MSEDCL DEMAND	16716	16351	15189	12943
TPCL GENERATION	847	818	806	667
R-INFRA GENERATION	494	500	466	376
MUMBAI DEMAND	2293	2300	2398	2332
STATE DEMAND MET	19009	18651	17587	15275
STATE DEMAND	19009	18651	17587	15275
Frequency (Hz)	49.95	49.95	50.02	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 06.00 Hrs	49.72 Hz at 04.13 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 29/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	3.93	14.33	170	155
Unit 8	2.32	280.59	424	0
Unit 9	0.00	0.00	0	0
Unit 10	10.61	308.09	520	410
Total	16.87	603.01		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.84	6.33	165	150
Unit 4	8.43	247.80	355	350
Unit 5	8.56	247.29	360	350
Total	20.83	501.42		
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	4.64	57.07	207	169
Total	4.64	152.43		
Chandrapur				
Unit 3	0.00	0.08	0	0
Unit 4	0.76	88.58	158	0
Unit 5	9.11	233.18	400	360
Unit 6	9.25	149.75	405	354
Unit 7	9.85	278.85	460	362
Unit 8	9.56	206.17	475	350
Unit 9	9.92	248.36	450	356
Total	48.45	1204.98		
Paras				
Unit 3	5.19	116.12	230	190
Unit 4	5.22	139.17	230	190
Total	10.42	255.28		
Khaparkheda				
Unit 1	3.28	23.04	165	95
Unit 2	3.53	61.14	165	125
Unit 3	0.00	0.00	0	0
Unit 4	3.67	75.57	164	140
Unit 5	9.63	272.32	465	360
Total	20.11	432.06		
Nasik				
Unit 3	3.89	88.74	165	155
Unit 4	4.35	71.94	199	162
Unit 5	0.00	56.82	0	0
Total	8.24	217.50		
Uran				
All Units	10.22	217.50	457	393
Total	10.22	217.50		
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)	0.56	15.85	24	21
Total	0.56	15.85		
Koyna				
Stage 1-2	2.32	73.21	340	40
Stage 4	0.08	47.31	79	0
Stage 3	0.34	28.90	80	0
Total	2.73	149.42		
Hydro				
KDPH	0.00	2.03	0	0
VTRNA	0.04	5.00	38	0
TILLARI	0.00	0.23	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	7.22	40	0
RNGR+BHTSA	0.37	9.36	16	15
BHANDARDRA	0.00	1.80	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	4.99	0	0
GHATGHAR	0.39	6.07	125	0
Total	1.12	36.70		
Wind				
Total	5.04	132.24	0	0
Total	5.04	132.24		
CPP				
APML(Mus)	43.42	1394.88	0	0
JSWEL(Mus)	22.12	710.25	0	0
VIPL(Mus)	13.06	296.69	0	0
RPLAMT(Mus)	17.39	273.39	0	0
WPCL(Mus)	1.19	54.93	0	0
Other(Mus)	2.79	167.99	0	0
Total	99.97	2898.14		
SOLAR				
Total	3.20	79.89	0	0
Total	3.20	79.89		
Tata				
Trombay 5	6.97	247.77	292	287
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.20	44.37	110	72
Trombay 7B	1.39	33.57	64	52
Trombay 8	5.28	151.96	248	199
TATA Hydro	2.06	110.36	270	19
Total	17.91	588.03		
R-INFRA				
DTPS U-1&2	10.25	249.06	502	373
Total	10.25	249.06		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	129.56	3366.68	MSPGCL Total	143.63	3770.30
			MSPGCL Thml+Gas	139.78	3584.18	Koyna 1,2 & 4 Total	2.39	120.52
			MSPGCL Hydro	3.85	186.12	State Total	280.00	7717.67

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	5237	93	440	5770	300	3723	0	0	4735	4688	-1249	13232	0	13232	2243	15475	49.92
2	5228	55	431	5714	305	3653	0	0	4676	4920	-1083	13509	0	13509	2077	15586	49.92
3	5207	60	443	5710	264	3651	0	0	4680	4878	-966	13537	0	13537	1958	15495	49.96
4	5208	55	443	5706	220	3654	0	0	4772	5103	-886	13797	0	13797	1879	15676	49.89
5	5213	95	444	5752	187	3646	0	0	4824	5217	-845	13957	0	13957	1839	15796	49.87
6	5340	85	435	5860	170	3949	0	0	5247	5538	-839	14677	0	14677	1866	16543	49.88
7	5368	60	446	5874	182	4437	0	11	5831	5814	-834	15484	0	15484	1882	17366	49.96
8	5254	65	457	5776	175	4534	0	95	5840	5557	-723	15415	0	15415	1900	17315	49.89
9	5278	60	432	5770	196	4494	0	245	5853	5560	-826	15438	0	15438	1985	17423	49.95
10	5260	107	435	5802	250	4271	0	352	5857	5520	-1080	15116	0	15116	2134	17250	49.97
11	5325	455	404	6184	247	4353	0	427	5715	5799	-1005	16005	0	16005	2218	18223	49.95
12	5424	600	408	6432	264	4603	0	471	5839	5897	-952	16716	0	16716	2293	19009	49.95
13	5436	350	407	6193	256	4577	0	437	5862	5870	-982	16351	0	16351	2300	18651	49.95
14	5468	107	404	5979	253	4560	0	423	5897	5877	-999	16093	0	16093	2256	18349	49.94
15	5550	106	403	6059	182	4547	0	345	5919	6044	-899	16278	0	16278	2265	18543	49.93
16	5622	390	393	6405	154	4529	0	253	5715	5898	-893	16346	0	16346	2263	18609	49.87
17	5678	446	408	6532	181	4552	0	126	5350	5399	-876	15914	0	15914	2245	18159	49.89
18	5677	130	413	6220	173	4480	0	15	5363	5111	-1032	14967	0	14967	2216	17183	49.95
19	5710	188	415	6313	135	4545	0	0	5460	5322	-1126	15189	0	15189	2398	17587	50.02
20	5764	101	420	6285	145	4461	0	0	5506	5184	-1076	14999	0	14999	2443	17442	50.02
21	5319	68	434	5821	172	3996	0	0	5445	5167	-1149	14007	0	14007	2456	16463	50.01
22	5251	66	435	5752	171	3649	0	0	5270	5260	-1172	13660	0	13660	2392	16052	50.02
23	5408	56	428	5892	211	3620	0	0	4991	4993	-1299	13418	0	13418	2401	15819	50.01
24	5333	56	439	5828	247	3482	0	0	4876	4675	-1289	12943	0	12943	2332	15275	50.00
MUs	129.56	3.85	10.22	143.63	5.04	99.97	0.00	3.20	129.52	129.29	-24.08	357.05	0.00	357.05	52.24	409.29	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 29/Oct/2017

Position as on 6.30 Hrs of 30/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 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 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	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	Adani U-2	660	18/10/2017	05.58		Continued.	aph support bearing abnormal sound and oil leakage.	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/Oct/2017

Position as on 6.30 Hrs of 30/Oct/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
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	
MSPGCL	Uran Unit 5	108	30/10/2017	04.05		Continued.	Gas shortage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 30/Oct/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
Ektuni-Bableswhar ckt I	IntraState	26/10/2017	15.16		Continued.	PO	SCADA work (RFC 19.53Hrs Dt.27/10/2017)
Jaigad-Karad Ckt-I	IntraState	28/10/2017	23.41		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	30/10/2017	00.16		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	30/10/2017	00.23		Continued.	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.
Borivali - Tarapur	InterState	26/10/2017	11.01		Continued.	HT	Zone-II Main Bus outage
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
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 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 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

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