

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	90.086	3779.605	1) Gujrat	-0.644	-61.376
2) Hydro	3.554	135.367	2) Madhya Pradesh	15.473	305.612
3) Gas	9.272	255.581	3) Chattisgarh	8.510	196.410
Total MSPGCL	102.912	4170.553	4) Maharashtra Net	86.115	2764.255
B) 1) APML	59.459	1437.865	5) Goa (Amona)	-0.462	-11.264
2) JSWEL	13.328	441.885	Total	108.992	3193.637
3) VIPL	5.081	162.462	a) Mumbai Schedule	21.478	763.751
4) RPL(AMT)	0.000	115.123	b) Mumbai Drawl	31.193	940.550
5) WPCL	2.624	99.926	c) MSEDCL Bilateral *	9.655	471.570
6) PGPL	0.000	0.000	Include PX	-3.659	-0.002
7) Other IPP	2.688	85.598	d) Mumbai Bilateral *	21.060	761.075
C) 1) TPCL Thermal	12.249	357.768	Include PX	5.831	239.460
2) TPCL Hydro	4.439	109.438	Include Standby	0.418	2.676
3) TPCL Gas	3.519	115.735	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	7.656	278.991	1) MSEDCL	311.353	9607.424
D) STATE			2) Mumbai Discoms	59.056	1802.478
1) Thermal	193.171	6759.223	TOTAL STATE	370.409	11409.902
(A1+C1+C4+(B1-B6))					
2) Hydro	7.993	244.805			
(A2+C2)					
3) Gas	12.791	371.316			
(A3+B6+C3)					
4) Wind	45.867	797.422			
6) SOLAR	1.595	43.503			
TOTAL STATE	261.417	8216.269			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 15 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3565	3768	4235	3559
MSPGCL Hydro	137	154	201	65
MSPGCL Gas	376	365	391	403
MSPGCL Total Generation	4078	4287	4827	4027
Central Sector Receipt	5196	5191	4716	3379
WIND	2020	2067	1854	2048
CPP / IPP Thermal	3700	3107	3855	3339
CPP / IPP Gas	0	0	0	0
SOLAR	199	141	0	0
Exchange with Mumbai	-1654	-1534	-1514	-782
MSEDCL DEMAND MET	13539	13259	13738	12011
Load Shedding	0	0	0	0
MSEDCL DEMAND	13539	13259	13738	12011
TPCL GENERATION	931	976	837	702
R-INFRA GENERATION	389	388	194	390
MUMBAI DEMAND	2974	2898	2545	1874
STATE DEMAND MET	16513	16157	16283	13885
STATE DEMAND	16513	16157	16283	13885
Frequency (Hz)	50.01	50.00	50.01	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.3 Hz at 13.08 Hrs	49.87 Hz at 19.09 Hrs	50.01	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/Jun/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	0.00	59.96	0	0
Unit 8	9.16	210.93	411	330
Unit 9	8.02	256.67	372	308
Unit 10	4.40	238.81	328	0
Total	21.58	766.36		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	48.66	0	0
Unit 4	0.00	209.26	0	0
Unit 5	0.00	207.47	0	0
Total	0.00	465.39		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	65.93	0	0
Unit 7	0.00	59.86	0	0
Unit 8	0.00	15.86	0	0
Total	0.00	141.65		
Chandrapur				
Unit 3	0.00	19.72	0	0
Unit 4	4.17	104.70	195	162
Unit 5	8.91	249.92	400	345
Unit 6	9.34	260.74	435	359
Unit 7	9.34	254.96	445	346
Unit 8	8.57	219.67	432	279
Unit 9	6.34	256.27	420	0
Total	46.67	1365.97		
Paras				
Unit 3	4.79	134.16	245	185
Unit 4	0.00	95.06	0	0
Total	4.79	229.22		
Khaparkheda				
Unit 1	0.00	91.04	0	0
Unit 2	0.00	49.37	0	0
Unit 3	0.00	90.54	0	0
Unit 4	0.00	82.77	0	0
Unit 5	9.21	266.60	450	331
Total	9.21	580.32		
Nasik				
Unit 3	3.86	45.24	166	157
Unit 4	3.97	115.76	172	162
Unit 5	0.00	69.70	0	0
Total	7.84	230.69		
Uran				
All Units	9.27	255.58	411	365
Total	9.27	255.58		
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)	0.13	2.01	48	0
Total	0.13	2.01		
Koyna				
Stage 1-2	1.58	57.71	205	40
Stage 4	0.24	6.48	147	0
Stage 3	0.71	19.57	160	0
Total	2.53	83.76		
Hydro				
KDPH	0.00	4.88	0	0
VTRNA	0.00	22.29	0	0
TILLARI	0.00	0.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.45	7.49	80	0
RNGR+BHTSA	0.00	4.30	0	0
BHANDARDRA	0.32	2.16	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.91	0	0
GHATGHAR	0.25	9.20	125	0
Total	1.02	51.60		
Wind				
Total	45.87	797.42	0	0
Total	45.87	797.42		
CPP				
APML(Mus)	59.46	1437.86	0	0
JSWEL(Mus)	13.33	441.88	0	0
VIPL(Mus)	5.08	162.46	0	0
RPLAMT(Mus)	0.00	115.12	0	0
WPCL(Mus)	2.62	99.93	0	0
Other(Mus)	2.69	85.60	0	0
Total	83.18	2342.86		
SOLAR				
Total	1.60	43.50	0	0
Total	1.60	43.50		
Tata				
Trombay 5	7.41	212.30	314	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.16	73.88	90	89
Trombay 7B	1.36	41.85	57	53
Trombay 8	4.84	145.47	208	193
TATA Hydro	4.44	109.44	361	47
Total	20.21	582.94		
R-INFRA				
DTPS U-1&2	7.66	278.99	390	194
Total	7.66	278.99		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	90.09	3779.60	MSPGCL Total	102.91	4170.55
			MSPGCL Thml+Gas	99.36	4035.19	Koyna 1,2 & 4 Total	1.82	64.20
			MSPGCL Hydro	3.55	135.37	State Total	261.42	8216.27

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/Jun/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	3598	140	395	4133	1981	3396	0	0	3891	3974	-1012	12472	0	12472	2128	14600	49.99
2	3591	40	405	4036	1906	3383	0	0	3935	3809	-882	12252	0	12252	1998	14250	50.00
3	3559	65	403	4027	2048	3339	0	0	3307	3379	-782	12011	0	12011	1874	13885	49.96
4	3485	74	402	3961	2048	3336	0	0	3243	3513	-725	12133	0	12133	1824	13957	50.01
5	3466	74	411	3951	2031	3338	0	0	3424	3517	-694	12143	0	12143	1794	13937	50.01
6	3470	79	372	3921	1799	3348	0	0	4027	4483	-736	12815	0	12815	1852	14667	50.02
7	3710	356	385	4451	1809	3584	0	8	4321	4808	-893	13767	0	13767	2011	15778	50.03
8	3915	238	375	4528	1665	3933	0	41	4450	4768	-1000	13935	0	13935	2114	16049	50.06
9	3776	285	387	4448	1892	3900	0	96	4648	5004	-1369	13971	0	13971	2502	16473	50.04
10	3500	283	378	4161	1953	3820	0	142	4862	4818	-1529	13365	0	13365	2772	16137	50.01
11	3565	137	376	4078	2020	3700	0	199	5342	5196	-1654	13539	0	13539	2974	16513	50.01
12	3502	55	388	3945	2012	3489	0	243	5471	5311	-1666	13334	0	13334	3044	16378	50.02
13	3498	40	377	3915	1760	3357	0	256	5431	5425	-1602	13111	0	13111	2984	16095	50.04
14	3582	60	385	4027	1993	3146	0	210	5197	5108	-1521	12963	0	12963	2888	15851	50.04
15	3768	154	365	4287	2067	3107	0	141	4715	5191	-1534	13259	0	13259	2898	16157	50.00
16	3821	114	390	4325	2087	3101	0	115	4701	4869	-1577	12920	0	12920	2855	15775	49.95
17	3823	79	390	4292	2112	3006	0	84	4339	4759	-1660	12593	0	12593	2834	15427	49.99
18	3893	146	378	4417	2036	2991	0	41	4101	4602	-1597	12490	0	12490	2803	15293	50.00
19	3917	484	390	4791	2051	3019	0	19	4024	4336	-1560	12656	0	12656	2772	15428	49.99
20	4137	330	377	4844	1834	3608	0	0	4581	4693	-1560	13419	0	13419	2687	16106	49.97
21	4235	201	391	4827	1854	3855	0	0	4419	4716	-1514	13738	0	13738	2545	16283	50.01
22	4245	40	378	4663	1725	3918	0	0	4357	4474	-1506	13274	0	13274	2432	15706	49.96
23	4164	40	382	4586	1580	3889	0	0	4383	3934	-1375	12614	0	12614	2299	14913	50.01
24	3866	40	392	4298	1604	3614	0	0	4516	4305	-1245	12576	0	12576	2172	14748	50.00
MUs	90.09	3.55	9.27	102.91	45.87	83.18	0.00	1.59	105.68	108.99	-31.19	311.35	0.00	311.35	59.06	370.41	50.01

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/Jun/2017

Position as on 6.30 Hrs of 29/Jun/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.	
MSPGCL	Chandrapur Unit 3	210	05/06/2017	23.24		Continued.	AOH.	
MSPGCL	Khaparkhedda Unit 2	210	14/06/2017	23.16		Continued.	Annual Overhaul	
MSPGCL	Paras Unit 4	250	21/06/2017	00.04		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 7	210	21/06/2017	01.24		Continued.	COH.	
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.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
IPP	RPL(AMT) U-3	270	05/06/2017	14.31		Continued.	swaping with unit-5.	
IPP	RPL(AMT) U-4	270	09/06/2017	00.20		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-5	270	09/06/2017	01.39		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-2	270	09/06/2017	04.24		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 7	250	13/06/2017	00.04		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 3	210	13/06/2017	06.01		Continued.	Zero Schedule By	

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

Position as on 6.30 Hrs of 29/Jun/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							MSEDCL	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK	
MSPGCL	Parli Unit 6	250	14/06/2017	00.02		Continued.	Zero schedule by MSEDCL.	
MSPGCL	Parli Unit 8	250	17/06/2017	00.08		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Nasik Unit 5	210	17/06/2017	15.35		Continued.	Zero schedule by MSEDCL	
CPP	SWPGL U-4	135	23/06/2017	12.01		Continued.	Coal Shortage	
MSPGCL	Bhusawal Unit 4	500	24/06/2017	00.38		Continued.	Hydrogen Gas Leakage.	
MSPGCL	Bhusawal Unit 5	500	26/06/2017	00.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 4	210	26/06/2017	10.20		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	27/06/2017	21.23	28/06/2017	07.04	Main Steam Line Leakage	
MSPGCL	Khaparkheda Unit 3	210	27/06/2017	23.50		Continued.	zero schedule by MSEDCL.	
MSPGCL	Khaparkheda Unit 1	210	27/06/2017	23.51		Continued.	zero schedule by MSEDCL.	
MSPGCL	Chandrapur Unit 9	500	28/06/2017	08.59	28/06/2017	13.34	air compressor problem.	
IPP	JSW (J) U1	300	28/06/2017	13.29		Continued.	water leakage.	
RINFRA-G	REL Unit 1	250	28/06/2017	15.20	29/06/2017	01.45	electrical protection stator earth fault.	
MSPGCL	Khaparkheda Unit 5	500	28/06/2017	23.58		Continued.	zero schedule.	

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

Statement-VII

Position as on 6.30 Hrs of 29/Jun/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
Dhule Sar'Sarovar I	InterState	22/06/2017	18.30		Continued.	T	Over Voltage
Koradi Satpur	InterState	28/06/2017	10.30	28/06/2017	21.09	PO	line crossing work.
karad -kolhapur-I	IntraState	23/06/2017	17.07		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/06/2017	03.05		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/06/2017	17.02		Continued.	HT	Over Voltage
Ektuni-Bableshtar ckt I	IntraState	26/06/2017	11.58		Continued.	HT	To attend Hot Spot
Babhaleshtar - Padghe-II	IntraState	28/06/2017	03.56	28/06/2017	09.47	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	28/06/2017	04.11	28/06/2017	07.27	HT	Over Voltage
Chandrapur-Parali III	IntraState	28/06/2017	10.02		Continued.	PO	Line Maintenance work
Lonikand I - Koyna stage-IV	IntraState	29/06/2017	03.52	29/06/2017	06.37	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	28/06/2017	09.55		Continued.	PO	Routine Maintenance Work
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	28/06/2017	15.22	28/06/2017	16.06	T	along with 220kv wadkhal line 1&2.
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 jumer 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 jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Walchandnagar-Bhigwan	IntraState	04/06/2017	17.29		Continued.	T	Distance Protection
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection
Pophali - Pedambe II	IntraState	17/06/2017	17.00		Continued.	PO	CT REPLACEMENT WORK
Pophali - Kdph	IntraState	23/06/2017	08.45		Continued.	T	Distance Protection
Kharepatan -Pawas Line	IntraState	25/06/2017	18.15	28/06/2017	08.14	T	Distance Protection
Pophali - Nerale	IntraState	27/06/2017	12.40		Continued.	T	Distance Protection
Kalwa-TIFIL	IntraState	28/06/2017	10.05	28/06/2017	21.05	PO	bunching work.
Lamboti - Pandharpur li	IntraState	28/06/2017	10.25	28/06/2017	12.45	PO	flashover Insulator string Replacement Work.
Miraj - Mhaishal	IntraState	28/06/2017	12.08	28/06/2017	13.01	T	Tripped on Over Load
Vita - Mhaishal	IntraState	28/06/2017	12.17	28/06/2017	12.52	T	Tripped on Over Load
Nagothane-Wadkhal-I	IntraState	28/06/2017	15.22		Continued.	T	Distance Protection
Nagothane-Wadkhal II	IntraState	28/06/2017	15.22	28/06/2017	17.04	T	Distance Protection
Nagothane-Wadkhal II	IntraState	29/06/2017	03.50		Continued.	T	Distance Protection
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)
132 KV LINE Outages/Trippings							
Mouda-Ntpc1	IntraState	23/06/2017	14.39	28/06/2017	12.56	HT	tree cutting work.

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