

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Jun/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	88.213	3958.812	1) Gujrat	-0.933	-62.867
2) Hydro	5.880	146.235	2) Madhya Pradesh	19.076	341.851
3) Gas	5.147	269.687	3) Chattisgarh	6.850	212.800
Total MSPGCL	99.240	4374.734	4) Maharashtra Net	84.562	2931.226
B) 1) APML	61.063	1561.358	5) Goa (Amona)	-0.484	-12.188
2) JSWEL	8.396	458.351	Total	109.071	3410.822
3) VIPL	5.092	173.007	a) Mumbai Schedule	21.489	806.295
4) RPL(AMT)	0.000	115.123	b) Mumbai Drawl	30.282	1000.310
5) WPCL	2.484	104.866	c) MSEDCL Bilateral *	13.521	495.121
6) PGPL	0.000	0.000	Include PX	0.782	-1.665
7) Other IPP	3.086	91.835	d) Mumbai Bilateral *	21.489	803.619
C) 1) TPCL Thermal	12.189	382.156	Include PX	5.891	251.561
2) TPCL Hydro	5.613	121.139	Include Standby	0.000	2.676
3) TPCL Gas	4.407	123.757	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.347	297.237	1) MSEDCL	313.490	10235.191
D) STATE			2) Mumbai Discoms	61.838	1924.595
1) Thermal	189.870	7142.745	TOTAL STATE	375.328	12159.786
(A1+C1+C4+(B1-B6))					
2) Hydro	11.493	267.374			
(A2+C2)					
3) Gas	9.554	393.444			
(A3+B6+C3)					
4) Wind	53.588	898.571			
6) SOLAR	1.752	46.834			
TOTAL STATE	266.257	8748.968			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4102	3534	3793	3632
MSPGCL Hydro	370	281	445	70
MSPGCL Gas	204	200	203	233
MSPGCL Total Generation	4676	4015	4441	3935
Central Sector Receipt	4405	4512	4635	3853
WIND	2297	2647	2063	1771
CPP / IPP Thermal	3766	3293	3638	3242
CPP / IPP Gas	0	0	0	0
SOLAR	118	235	0	0
Exchange with Mumbai	-1251	-1638	-1338	-687
MSEDCL DEMAND MET	14011	13064	13439	12114
Load Shedding	0	0	0	0
MSEDCL DEMAND	14011	13064	13439	12114
TPCL GENERATION	856	1071	994	763
R-INFRA GENERATION	389	389	389	390
MUMBAI DEMAND	2496	3098	2721	1840
STATE DEMAND MET	16507	16162	16160	13954
STATE DEMAND	16507	16162	16160	13954
Frequency (Hz)	50.04	49.97	49.98	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 08.37 Hrs	49.77 Hz at 19.41 Hrs	49.97	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 30/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	9.55	230.86	460	350
Unit 9	9.05	275.93	463	300
Unit 10	7.57	254.44	340	285
Total	26.18	821.20		
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	4.24	113.15	195	168
Unit 5	8.96	267.81	400	364
Unit 6	9.28	279.33	430	360
Unit 7	9.27	273.50	456	351
Unit 8	9.10	237.77	484	292
Unit 9	8.70	273.70	432	295
Total	49.54	1464.97		
Paras				
Unit 3	4.65	143.85	197	190
Unit 4	0.00	95.06	0	0
Total	4.65	238.91		
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	0.00	266.60	0	0
Total	0.00	580.32		
Nasik				
Unit 3	3.87	53.00	172	160
Unit 4	3.98	123.69	168	163
Unit 5	0.00	69.70	0	0
Total	7.85	246.38		
Uran				
All Units	5.15	269.69	330	191
Total	5.15	269.69		
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)	0.27	2.43	105	0
Total	0.27	2.43		
Koyna				
Stage 1-2	2.17	61.61	370	35
Stage 4	0.16	6.87	90	0
Stage 3	1.61	22.61	160	0
Total	3.94	91.09		
Hydro				
KDPH	0.00	4.88	0	0
VTRNA	0.28	22.56	61	0
TILLARI	0.48	1.20	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.48	8.43	80	0
RNGR+BHTSA	0.00	4.30	0	0
BHANDARDRA	0.58	3.30	25	24
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.91	0	0
GHATGHAR	0.12	9.57	110	0
Total	1.94	55.14		
Wind				
Total	53.59	898.57	0	0
Total	53.59	898.57		
CPP				
APML(Mus)	61.06	1561.36	0	0
JSWEL(Mus)	8.40	458.35	0	0
VIPL(Mus)	5.09	173.01	0	0
RPLAMT(Mus)	0.00	115.12	0	0
WPCL(Mus)	2.48	104.87	0	0
Other(Mus)	3.09	91.84	0	0
Total	80.12	2504.54		
SOLAR				
Total	1.75	46.83	0	0
Total	1.75	46.83		
Tata				
Trombay 5	7.28	226.94	311	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.83	78.94	123	114
Trombay 7B	1.58	44.81	67	63
Trombay 8	4.91	155.22	210	200
TATA Hydro	5.61	121.14	396	72
Total	22.21	627.05		
R-INFRA				
DTPS U-1&2	9.35	297.24	390	388
Total	9.35	297.24		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	88.21	3958.81	MSPGCL Total	99.24	4374.73
			MSPGCL Thml+Gas	93.36	4228.50	Koyna 1,2 & 4 Total	2.33	68.48
			MSPGCL Hydro	5.88	146.24	State Total	266.26	8748.97

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/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	3658	65	330	4053	1901	3517	0	0	3889	4168	-906	12733	0	12733	2137	14870	49.99
2	3645	70	234	3949	1948	3499	0	0	3748	4046	-862	12580	0	12580	2012	14592	50.00
3	3641	65	245	3951	1908	3339	0	0	3715	3624	-751	12071	0	12071	1903	13974	49.99
4	3632	70	233	3935	1771	3242	0	0	3756	3853	-687	12114	0	12114	1840	13954	49.98
5	3651	75	233	3959	1831	3118	0	0	3782	4153	-668	12393	0	12393	1820	14213	49.93
6	3700	65	245	4010	1833	3111	0	0	4384	4869	-787	13036	0	13036	1937	14973	49.96
7	4007	352	226	4585	1851	3357	0	13	4645	4902	-897	13811	0	13811	2039	15850	50.00
8	4098	361	201	4660	2164	3693	0	71	4726	4740	-1149	14179	0	14179	2297	16476	50.02
9	4102	370	204	4676	2297	3766	0	118	4526	4405	-1251	14011	0	14011	2496	16507	50.04
10	3896	346	204	4446	2532	3661	0	171	4592	4176	-1561	13425	0	13425	2903	16328	49.99
11	3589	321	203	4113	2628	3309	0	211	4522	4543	-1715	13089	0	13089	3152	16241	49.98
12	3530	278	192	4000	2809	3274	0	235	4412	4674	-1723	13269	0	13269	3177	16446	49.95
13	3534	281	200	4015	2647	3293	0	235	4655	4512	-1638	13064	0	13064	3098	16162	49.97
14	3514	267	203	3984	2688	3124	0	215	4604	4559	-1549	13021	0	13021	3012	16033	49.99
15	3520	286	200	4006	2641	3050	0	181	4478	4735	-1570	13043	0	13043	3034	16077	49.96
16	3486	522	191	4199	2535	3037	0	141	4531	4754	-1572	13094	0	13094	3039	16133	49.96
17	3460	491	202	4153	2487	3230	0	106	4509	4603	-1581	12998	0	12998	3031	16029	50.00
18	3473	138	202	3813	2415	3193	0	45	4431	4728	-1542	12652	0	12652	2913	15565	49.98
19	3480	153	192	3825	2387	3035	0	9	4398	4734	-1415	12575	0	12575	2869	15444	49.94
20	3494	608	201	4303	2218	3111	0	1	4383	4868	-1359	13142	0	13142	2843	15985	49.90
21	3793	445	203	4441	2063	3638	0	0	4773	4635	-1338	13439	0	13439	2721	16160	49.98
22	3699	108	205	4012	1959	3637	0	0	4777	4892	-1209	13291	0	13291	2633	15924	49.93
23	3815	74	194	4083	2065	3440	0	0	4888	4960	-1284	13264	0	13264	2501	15765	49.96
24	3796	69	204	4069	2010	3441	0	0	4495	4938	-1268	13190	0	13190	2431	15621	49.98
MUs	88.21	5.88	5.15	99.24	53.59	80.12	0.00	1.75	105.62	109.07	-30.28	313.49	0.00	313.49	61.84	375.33	49.97

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 30/Jun/2017

Position as on 6.30 Hrs of 01/Jul/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 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.	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 30/Jun/2017

Position as on 6.30 Hrs of 01/Jul/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	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.	
IPP	JSW (J) U1	300	28/06/2017	13.29		Continued.	water leakage.	
MSPGCL	Khaparkheda Unit 5	500	28/06/2017	23.58		Continued.	zero schedule.	
MSPGCL	Uran Unit 5	108	30/06/2017	00.50		Continued.	Routine Maintenance Work	
MSPGCL	Uran Unit A0	120	30/06/2017	08.00		Continued.	COOLER WATER LINE LEAKAGE.	
TPC-G	Trombay 7B	60	01/07/2017	00.54		Continued.	GOVERNOR CONTROL PROBLEM.	
TPC-G	Trombay 7A	120	01/07/2017	00.54		Continued.	GOVERNOR CONTROL PROBLEM.	
MSPGCL	Nasik Unit 3	210	01/07/2017	03.25		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 01/Jul/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 Bhilai	InterState	30/06/2017	11.05	30/06/2017	17.39	PO	Line Maintenance work
karad -kolhapur-I	IntraState	23/06/2017	17.07		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
Jaigad-New Koyna Ckt-I	IntraState	29/06/2017	16.33	30/06/2017	10.25	T	DT RECEIVED.
Lonikand I - Koyna stage-IV	IntraState	30/06/2017	04.09	30/06/2017	07.12	HT	Over Voltage
N.Koyna-Karad -Ckt II	IntraState	30/06/2017	16.21		Continued.	T	Y-PHASE LA BURST AT NEW KOYNA(RFC 00.52 DT.01-07-2017)
Alkud-Kolhapur(Talandage)	IntraState	30/06/2017	18.00	30/06/2017	19.35	PO	Testing Work
Koradi-India Bulls	IntraState	30/06/2017	18.01		Continued.	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	01/07/2017	03.08		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	28/06/2017	09.55	30/06/2017	08.17	PO	Routine Maintenance Work
400/220 Kv 315 Mva ICT -I @Padghe	IntraState	30/06/2017	09.32	30/06/2017	13.20	PO	Routine Maintenance Work
400/220 Kv 500 MVA ICT 3 @Kolhapur	IntraState	30/06/2017	11.55	30/06/2017	17.44	PO	TO VERIFY CTR SYSTEM FIRE DETECTOR TRIP INDICATION.
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.
Mahalakshmi Amona	InterState	01/07/2017	05.32	01/07/2017	06.42	T	Distance Protection
Tillari Amona	InterState	01/07/2017	05.32	01/07/2017	07.05	T	Distance Protection
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
Pophali - Nerale	IntraState	27/06/2017	12.40	30/06/2017	15.50	T	Distance Protection
Nashik-Padgha	IntraState	30/06/2017	04.19	30/06/2017	05.24	T	Distance Protection
Kalwa - Colourchem	IntraState	30/06/2017	09.39	30/06/2017	19.54	PO	Routine Maintenance Work
Kalwa - Siemens	IntraState	30/06/2017	10.15	30/06/2017	19.11	PO	FOR SAFTY WORK.
Bus Section II @ Pophali	IntraState	30/06/2017	10.55	30/06/2017	11.50	PO	ATTEND POSITION TROUBLE ON 220KV NERALE LINE M.B.
Nerle - Dasgaon	IntraState	30/06/2017	11.02	30/06/2017	12.39	PO	Attending Hot Spot
Sonkhar - Trombay	IntraState	30/06/2017	14.02	30/06/2017	14.20	PO	TREE CUTING WORK ON LINE.
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)
220/100 Kv 100 Mva Cgl Ict 1 @Taloja	IntraState	30/06/2017	13.22	30/06/2017	16.20	PO	Attending Hot Spot

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 30/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 01/Jul/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 kV 150MVA ICT II@ GCR Nashik	IntraState	30/06/2017	15.38	30/06/2017	18.44	PO	Routine Maintenance Work