

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Jun/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.928	2345.283	1) Gujrat	-1.320	-39.433
2) Hydro	3.524	86.624	2) Madhya Pradesh	7.812	167.640
3) Gas	9.585	151.775	3) Chattisgarh	6.910	105.820
Total MSPGCL	145.037	2583.682	4) Maharashtra Net	101.650	1612.818
B) 1) APML	44.903	732.286	5) Goa (Amona)	-0.352	-6.622
2) JSWEL	15.505	248.890	Total	114.700	1840.223
3) VIPL	5.446	98.021	a) Mumbai Schedule	26.619	446.446
4) RPL(AMT)	0.000	115.123	b) Mumbai Drawl	35.406	522.699
5) WPCL	4.686	57.741	c) MSEDCL Bilateral *	16.280	308.691
6) PGPL	0.000	0.000	Include PX	-0.962	31.902
7) Other IPP	4.276	52.602	d) Mumbai Bilateral *	26.619	446.318
C) 1) TPCL Thermal	13.239	225.781	Include PX	8.142	119.284
2) TPCL Hydro	5.206	64.415	Include Standby	0.000	0.128
3) TPCL Gas	4.478	70.655	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.462	159.574	1) MSEDCL	317.001	5547.839
D) STATE			2) Mumbai Discoms	67.791	1043.125
1) Thermal	229.445	4035.301	TOTAL STATE	384.792	6590.964
(A1+C1+C4+(B1-B6))					
2) Hydro	8.730	151.039			
(A2+C2)					
3) Gas	14.063	222.430			
(A3+B6+C3)					
4) Wind	16.581	320.755			
6) SOLAR	1.273	21.215			
TOTAL STATE	270.092	4750.740			

* 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 15 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5576	5361	5474	5357
MSPGCL Hydro	196	246	193	60
MSPGCL Gas	384	381	401	409
MSPGCL Total Generation	6156	5988	6068	5826
Central Sector Receipt	5080	5471	4977	4075
WIND	681	585	1237	470
CPP / IPP Thermal	2941	3016	3352	3150
CPP / IPP Gas	0	0	0	0
SOLAR	175	152	0	0
Exchange with Mumbai	-1826	-1807	-1550	-1130
MSEDCL DEMAND MET	13207	13405	14084	12391
Load Shedding	0	0	0	0
MSEDCL DEMAND	13207	13405	14084	12391
TPCL GENERATION	1085	1148	1008	693
R-INFRA GENERATION	389	387	390	390
MUMBAI DEMAND	3300	3342	2948	2213
STATE DEMAND MET	16507	16747	17032	14604
STATE DEMAND	16507	16747	17032	14604
Frequency (Hz)	49.99	49.94	49.97	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 09.58 Hrs	49.75 Hz at 21.17 Hrs	49.99	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 16/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	3.44	46.41	155	130
Unit 8	8.36	95.83	352	340
Unit 9	9.98	146.81	491	354
Unit 10	10.27	135.19	475	362
Total	32.05	424.24		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	48.66	0	0
Unit 4	7.28	146.78	400	0
Unit 5	4.75	126.66	380	0
Total	12.03	322.11		
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	3.74	15.83	193	118
Total	3.74	141.62		
Chandrapur				
Unit 3	0.00	19.72	0	0
Unit 4	3.63	69.04	196	0
Unit 5	8.79	142.88	410	327
Unit 6	9.04	149.74	442	340
Unit 7	8.96	143.73	446	336
Unit 8	8.52	137.65	390	315
Unit 9	10.60	147.23	500	304
Total	49.54	809.98		
Paras				
Unit 3	4.85	76.62	245	185
Unit 4	4.61	76.43	244	170
Total	9.46	153.04		
Khaparkheda				
Unit 1	3.56	52.81	165	115
Unit 2	0.00	49.37	0	0
Unit 3	0.00	52.53	0	0
Unit 4	3.66	49.22	163	136
Unit 5	9.65	156.12	465	380
Total	16.87	360.04		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.14	67.20	200	163
Unit 5	4.11	67.04	196	161
Total	8.24	134.24		
Uran				
All Units	9.58	151.78	418	381
Total	9.58	151.78		
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)	0.10	0.86	23	0
Total	0.10	0.86		
Koyna				
Stage 1-2	1.54	36.52	215	40
Stage 4	0.00	5.55	0	0
Stage 3	0.44	10.57	138	0
Total	1.98	52.64		
Hydro				
KDPH	0.25	3.70	11	10
VTRNA	0.97	14.13	61	0
TILLARI	0.00	0.38	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	3.88	77	0
RNGR+BHTSA	0.00	2.68	0	0
BHANDARDRA	0.00	1.36	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.36	0	0
GHATGHAR	0.00	7.49	0	0
Total	1.54	33.98		
Wind				
Total	16.58	320.76	0	0
Total	16.58	320.76		
CPP				
APML(Mus)	44.90	732.29	0	0
JSWEL(Mus)	15.50	248.89	0	0
VIPL(Mus)	5.45	98.02	0	0
RPLAMT(Mus)	0.00	115.12	0	0
WPCL(Mus)	4.69	57.74	0	0
Other(Mus)	4.28	52.60	0	0
Total	74.82	1304.66		
SOLAR				
Total	1.27	21.22	0	0
Total	1.27	21.22		
Tata				
Trombay 5	8.31	143.34	423	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.90	45.71	122	115
Trombay 7B	1.58	24.94	67	64
Trombay 8	4.93	82.44	230	201
TATA Hydro	5.21	64.42	459	0
Total	22.92	360.85		
R-INFRA				
DTPS U-1&2	9.46	159.57	474	387
Total	9.46	159.57		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	131.93	2345.28	MSPGCL Total	145.04	2583.68
			MSPGCL Thml+Gas	141.51	2497.06	Koyna 1,2 & 4 Total	1.54	42.07
			MSPGCL Hydro	3.52	86.62	State Total	270.09	4750.74

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	5637	82	404	6123	593	3372	0	0	4477	4409	-1378	13119	0	13119	2615	15734	49.95
2	5620	60	405	6085	625	3353	0	0	4489	4023	-1301	12785	0	12785	2390	15175	49.98
3	5357	60	409	5826	470	3150	0	0	4123	4075	-1130	12391	0	12391	2213	14604	50.02
4	5334	50	418	5802	312	2920	0	0	4109	4534	-1052	12516	0	12516	2137	14653	50.00
5	5667	55	408	6130	347	3037	0	0	4112	4356	-1026	12844	0	12844	2112	14956	49.97
6	5798	50	407	6255	270	3224	0	0	4555	4409	-1068	13090	0	13090	2156	15246	49.99
7	5855	77	408	6340	178	3269	0	4	4584	4529	-931	13389	0	13389	2218	15607	49.98
8	5544	225	407	6176	246	3219	0	32	4560	4953	-1120	13506	0	13506	2287	15793	50.03
9	5402	298	406	6106	458	3190	0	81	4842	4605	-1223	13217	0	13217	2595	15812	50.03
10	5392	236	399	6027	622	3073	0	121	4965	4726	-1644	12925	0	12925	3107	16032	49.99
11	5564	241	397	6202	538	3027	0	164	5358	4979	-1811	13099	0	13099	3240	16339	49.98
12	5576	196	384	6156	681	2941	0	175	5467	5080	-1826	13207	0	13207	3300	16507	49.99
13	5185	286	384	5855	554	2966	0	170	4969	5208	-1771	12982	0	12982	3310	16292	50.00
14	5333	121	390	5844	455	3004	0	163	5309	5335	-1702	13099	0	13099	3224	16323	49.98
15	5361	246	381	5988	585	3016	0	152	5326	5471	-1807	13405	0	13405	3342	16747	49.94
16	5407	156	392	5955	782	3055	0	96	5396	5297	-1798	13387	0	13387	3345	16732	49.97
17	5476	116	396	5988	760	2979	0	78	5079	4924	-1708	13021	0	13021	3341	16362	50.00
18	5559	121	386	6066	995	2933	0	31	4628	4834	-1593	13266	0	13266	3211	16477	50.00
19	5607	157	400	6164	1248	2935	0	6	4414	4087	-1509	12931	0	12931	3071	16002	50.01
20	5590	152	387	6129	1211	3053	0	0	4651	4825	-1576	13642	0	13642	3003	16645	49.95
21	5474	193	401	6068	1237	3352	0	0	5108	4977	-1550	14084	0	14084	2948	17032	49.97
22	5364	114	401	5879	1042	3419	0	0	4943	5087	-1565	13862	0	13862	2900	16762	49.99
23	5408	116	407	5931	1183	3179	0	0	4714	5184	-1636	13841	0	13841	2863	16704	49.98
24	5418	116	408	5942	1189	3150	0	0	4533	4793	-1681	13393	0	13393	2863	16256	49.98
MUs	131.93	3.52	9.59	145.04	16.58	74.82	0.00	1.27	114.71	114.70	-35.41	317.00	0.00	317.00	67.79	384.79	49.99

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 16/Jun/2017

Position as on 6.30 Hrs of 17/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	
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	
MSPGCL	Nasik Unit 3	210	29/05/2017	11.30		Continued.	BTL(Converted to Zero schedule by MSEDCL. from 19.02 Hrs Dt.01.06.2017.	
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	
IPP	Adani U-2	660	12/06/2017	21.43	16/06/2017	07.32	PA Duct Bellow leakage	
MSPGCL	Parli Unit 7	250	13/06/2017	00.04		Continued.	Zero Schedule By MSEDCL	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 16/Jun/2017

Position as on 6.30 Hrs of 17/Jun/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 3	210	13/06/2017	06.01		Continued.	Zero Schedule By 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	Bhusawal Unit 5	500	14/06/2017	01.20	16/06/2017	08.56	Boiler Tube Leakage	
IPP	Adani U-1	660	15/06/2017	17.27		Continued.	IP Turbine Peripheral Leakage	
MSPGCL	Khaparkheda Unit 3	210	15/06/2017	18.02		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 4	500	16/06/2017	11.42	16/06/2017	15.01	GENERATION PROTECTION OPERATED.	
MSPGCL	Chandrapur Unit 4	210	16/06/2017	20.31		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	17/06/2017	00.08		Continued.	Zero Schedule by MSEDCL	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Jun/2017

Statement-VII

Position as on 6.30 Hrs of 17/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	14/06/2017	19.04		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	06/06/2017	20.53		Continued.	HT	to control load on padghe-bableshwar.
Bhusawal-Aurangabad	IntraState	12/06/2017	18.06		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	14/06/2017	21.29		Continued.	HT	Over Voltage
Girwali - Lonikand 1	IntraState	15/06/2017	11.20	16/06/2017	09.15	PO	Line Maintenance work
karad -kolhapur-I	IntraState	15/06/2017	16.35		Continued.	HT	Over Voltage
Koradi-India Bulls	IntraState	15/06/2017	18.40		Continued.	T	Over Voltage
Padghe - Nagothane - I	IntraState	16/06/2017	12.31	16/06/2017	18.57	PO	LA REPLACEMENT
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
New Koyna - Pedambe	IntraState	14/06/2017	09.33		Continued.	T	Distance Protection
Bableshwar -Bhenda	IntraState	16/06/2017	09.18	16/06/2017	12.30	PO	Routine Maintenance Work
Dasturi-Kandalgaon Line	IntraState	16/06/2017	09.35	16/06/2017	19.11	PO	REPLACEMENT OF DISC INSULATORS.
Eklahare (Gcr) - Airoli Know Park	IntraState	16/06/2017	11.51	16/06/2017	16.55	PO	INSULATOR CLEANING
Vilebagad-Kandalgaon(Inox tap)	IntraState	16/06/2017	20.36	16/06/2017	23.36	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)
220/132 Kv 200 Mva Bbl Ict 3 @Padegaon	IntraState	16/06/2017	10.25	16/06/2017	13.44	PO	PREMONSOON MAINTENANCE WORK.
220/100 Kv 100 Mva Cgl Ict 1 @Taloja	IntraState	16/06/2017	11.55	16/06/2017	18.00	PO	Routine Maintenance Work

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