

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	101.185	1674.145	1) Gujrat	0.377	12.048
2) Hydro	7.017	101.170	2) Madhya Pradesh	13.433	282.210
3) Gas	9.524	135.448	3) Chattisgarh	6.880	129.260
Total MSPGCL	117.726	1910.763	4) Maharashtra Net	77.293	1439.337
B) 1) APML	45.985	973.488	5) Goa (Amona)	-0.396	-6.908
2) JSWEL	13.381	195.832	Total	97.587	1855.947
3) VIPL	5.191	99.090	a) Mumbai Schedule	15.024	350.032
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.740	452.971
5) WPCL	2.291	50.345	c) MSEDCL Bilateral *	8.565	350.682
6) PGPL	0.000	0.000	Include PX	-4.420	52.079
7) Other IPP	3.233	46.977	d) Mumbai Bilateral *	15.024	350.032
C) 1) TPCL Thermal	10.818	217.580	Include PX	2.265	112.694
2) TPCL Hydro	3.520	70.604	Include Standby	0.000	0.000
3) TPCL Gas	4.498	57.606	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.236	165.744	1) MSEDCL	317.532	5416.676
D) STATE			2) Mumbai Discoms	49.812	964.502
1) Thermal	191.320	3423.201	TOTAL STATE	367.344	6381.178
(A1+C1+C4+(B1-B6))					
2) Hydro	10.537	171.774			
(A2+C2)					
3) Gas	14.022	193.054			
(A3+B6+C3)					
4) Wind	52.322	709.724			
6) SOLAR	1.556	27.481			
TOTAL STATE	269.757	4525.234			

* 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	4285	4202	4469	4126
MSPGCL Hydro	280	134	499	245
MSPGCL Gas	388	402	404	390
MSPGCL Total Generation	4953	4738	5372	4761
Central Sector Receipt	5171	4609	3788	3338
WIND	2288	2245	2114	2159
CPP / IPP Thermal	3159	3074	3249	2786
CPP / IPP Gas	0	0	0	0
SOLAR	94	222	0	0
Exchange with Mumbai	-798	-1194	-936	-719
MSEDCL DEMAND MET	14867	13694	13587	12325
Load Shedding	0	0	0	0
MSEDCL DEMAND	14867	13694	13587	12325
TPCL GENERATION	822	686	998	666
R-INFRA GENERATION	385	384	384	386
MUMBAI DEMAND	2005	2264	2318	1771
STATE DEMAND MET	16872	15958	15905	14096
STATE DEMAND	16872	15958	15905	14096
Frequency (Hz)	50.02	49.99	49.96	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.02 Hrs	49.78 Hz at 19.36 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/Jul/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	0.00	0	0
Unit 8	8.18	153.72	390	299
Unit 9	7.60	147.43	350	294
Unit 10	10.28	150.84	500	330
Total	26.06	451.99		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.74	43.32	370	360
Unit 5	0.00	22.97	0	0
Total	8.74	66.29		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.15	69.88	182	165
Unit 5	8.46	146.97	395	305
Unit 6	9.32	153.82	425	355
Unit 7	8.99	156.58	401	347
Unit 8	9.07	144.33	466	352
Unit 9	8.89	154.52	407	349
Total	48.88	826.10		
Paras				
Unit 3	4.68	82.90	247	186
Unit 4	0.00	0.00	0	0
Total	4.68	82.90		
Khaparkheda				
Unit 1	0.00	13.54	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	16.68	0	0
Unit 4	0.00	21.01	0	0
Unit 5	8.92	68.84	420	365
Total	8.92	120.08		
Nasik				
Unit 3	3.91	26.28	166	158
Unit 4	0.00	41.20	0	0
Unit 5	0.00	59.31	0	0
Total	3.91	126.78		
Uran				
All Units	9.52	135.45	410	387
Total	9.52	135.45		
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)	0.05	2.59	43	0
Total	0.05	2.59		
Koyna				
Stage 1-2	2.59	43.28	310	40
Stage 4	0.00	18.38	0	0
Stage 3	2.07	21.35	160	0
Total	4.66	83.01		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.33	1.47	61	0
TILLARI	0.00	1.23	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.48	6.56	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.95	4.34	40	39
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.10	0.46	5	4
GHATGHAR	0.49	4.10	125	0
Total	2.36	18.16		
Wind				
Total	52.32	709.72	0	0
Total	52.32	709.72		
CPP				
APML(Mus)	45.98	973.49	0	0
JSWEL(Mus)	13.38	195.83	0	0
VIPL(Mus)	5.19	99.09	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.29	50.34	0	0
Other(Mus)	3.23	46.98	0	0
Total	70.08	1365.73		
SOLAR				
Total	1.56	27.48	0	0
Total	1.56	27.48		
Tata				
Trombay 5	7.22	142.46	305	297
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.91	35.85	123	103
Trombay 7B	1.59	21.76	67	61
Trombay 8	3.59	75.12	202	12
TATA Hydro	3.52	70.60	305	22
Total	18.84	345.79		
R-INFRA				
DTPS U-1&2	9.24	165.74	386	384
Total	9.24	165.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	101.18	1674.14	MSPGCL Total	117.73	1910.76
			MSPGCL Thml+Gas	110.71	1809.59	Koyna 1,2 & 4 Total	2.59	61.66
			MSPGCL Hydro	7.02	101.17	State Total	269.76	4525.23

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/Jul/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	4212	300	387	4899	2149	2837	0	0	3337	3540	-985	12440	0	12440	2096	14536	49.96
2	4171	490	401	5062	2250	2789	0	0	2765	3220	-835	12486	0	12486	1931	14417	49.99
3	4176	315	399	4890	2361	2813	0	0	3132	3015	-756	12323	0	12323	1832	14155	49.98
4	4126	245	390	4761	2159	2786	0	0	3394	3338	-719	12325	0	12325	1771	14096	49.98
5	4128	255	399	4782	2116	2784	0	0	3799	3516	-680	12518	0	12518	1755	14273	49.95
6	4205	250	395	4850	2048	2813	0	1	4208	4230	-705	13237	0	13237	1819	15056	50.00
7	4350	219	402	4971	2073	3007	0	17	4729	4743	-674	14137	0	14137	1820	15957	49.99
8	4288	193	392	4873	2068	3130	0	45	4748	4878	-745	14250	0	14250	1909	16159	50.01
9	4285	280	388	4953	2288	3159	0	94	4746	5171	-798	14867	0	14867	2005	16872	50.02
10	4204	218	398	4820	2323	3177	0	149	4755	4687	-896	14260	0	14260	2131	16391	50.00
11	4214	129	387	4730	2125	3193	0	191	4897	4888	-1021	14107	0	14107	2246	16353	50.00
12	4223	129	398	4750	2275	3212	0	227	4981	4977	-1123	14318	0	14318	2282	16600	49.98
13	4202	134	402	4738	2245	3074	0	222	4900	4609	-1194	13694	0	13694	2264	15958	49.99
14	4195	124	389	4708	2273	2739	0	198	4595	4733	-1106	13545	0	13545	2206	15751	50.01
15	4200	124	397	4721	2278	2738	0	164	4481	4359	-1039	13221	0	13221	2140	15361	50.00
16	4219	124	388	4731	2199	2660	0	107	4331	4334	-998	13033	0	13033	2101	15134	49.99
17	4242	168	400	4810	2267	2645	0	87	3688	3876	-986	12700	0	12700	2070	14770	50.01
18	4229	222	390	4841	2411	2699	0	44	3383	3346	-945	12396	0	12396	2061	14457	50.02
19	4346	414	402	5162	2341	2741	0	10	3229	3199	-876	12577	0	12577	2101	14678	50.02
20	4408	675	402	5485	2290	3021	0	0	3410	3364	-903	13256	0	13256	2257	15513	49.93
21	4469	499	404	5372	2114	3249	0	0	3401	3788	-936	13587	0	13587	2318	15905	49.96
22	4134	488	398	5020	1980	3108	0	0	3577	3731	-958	12881	0	12881	2308	15189	50.00
23	3973	483	406	4862	1913	2937	0	0	3561	3975	-967	12720	0	12720	2264	14984	49.97
24	3986	539	410	4935	1776	2767	0	0	3373	4071	-895	12655	0	12655	2125	14780	49.99
MUs	101.19	7.02	9.52	117.73	52.32	70.08	0.00	1.56	95.42	97.59	-21.74	317.53	0.00	317.53	49.81	367.34	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/Jul/2017

Position as on 6.30 Hrs of 17/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.	
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	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	17/07/2017	06.06	Annual Overhaul	
MSPGCL	Koradi Unit 7	210	21/06/2017	01.24		Continued.	COH.	
IPP	JSW (J) U4	300	04/07/2017	20.41		Continued.	Annual Overhaul	
CENT.SECTOR	TARAPUR-3	540	11/07/2017	16.30		Continued.	Reactor Inspection Work	
IPP	Adani U-3	660	14/07/2017	23.48		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	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	
RGPPL	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	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure(converted to Zero Schedule from 00.00Hrs DT.13th Jun 17)	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
IPP	RPL(AMT) U-3	270	05/06/2017	14.31		Continued.	swapping with unit-5(converted to Zero Schedule from 00.00Hrs DT.15th Jun 17)	

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

Position as on 6.30 Hrs of 17/Jul/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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 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	
CPP	SWPGL U-3	135	07/07/2017	12.11		Continued.	ID Fan Problem	
MSPGCL	Nasik Unit 4	210	10/07/2017	14.28		Continued.	Boiler validity extention.	
MSPGCL	Khaparkheda Unit 1	210	11/07/2017	23.53		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 3	210	12/07/2017	08.40		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	13/07/2017	03.36		Continued.	Drum level low	
MSPGCL	Bhusawal Unit 5	500	15/07/2017	05.59		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Koyana Unit 10	80	15/07/2017	19.15		Continued.	Tripped due to GT Got Fire	
MSPGCL	Nasik Unit 5	210	16/07/2017	00.00		Continued.	Zero Schedule By MSEDCL	
TPC_G	Trombay 8	250	16/07/2017	11.19	16/07/2017	16.45	Problem in cooling system	

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

Statement-VII

Position as on 6.30 Hrs of 17/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/Tripping							
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 II	InterState	12/07/2017	20.45		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	08/07/2017	21.48		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	09/07/2017	09.21	16/07/2017	07.31	HT	Hand tripped to control load
Khadka-Aurangabad (Waluj)	IntraState	12/07/2017	18.11		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	13/07/2017	18.27		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	16/07/2017	02.24	16/07/2017	05.41	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	16/07/2017	02.45		Continued.	T	Distance Protection
Padghe - Kalwa- I	IntraState	16/07/2017	07.07	16/07/2017	09.10	PO	Attending Hot Spot
Padghe - Kalwa-II	IntraState	16/07/2017	09.27	16/07/2017	11.32	PO	Attending Hot Spot
Ektuni-Bableshwar ckt II	IntraState	16/07/2017	16.05		Continued.	HT	hand tripped to control load
Babhaleshwar - Padghe-I	IntraState	16/07/2017	16.19	16/07/2017	19.50	EO	Remove broken earth wire on line
400 KV ICT Outages/Tripping							
400/220kV 315MVA ICT-I@Parly	IntraState	05/07/2017	16.42		Continued.	PO	replacement of r-ph unit with overhauled unit.
400/220/33kv 315MVA ICT2 @Lonikand	IntraState	16/07/2017	13.54	16/07/2017	16.28	PO	R-Phase bushing clamp replacement work
220 KV LINE Outages/Tripping							
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.
Vita - Mhaishal	IntraState	01/07/2017	14.19		Continued.	PO	Bunching Work
Vita - Miraj	IntraState	01/07/2017	14.53		Continued.	PO	bunching work.
Kharghar-Borivali ckt II	IntraState	07/07/2017	12.23		Continued.	T	Distance Protection
Pophali - Kdph	IntraState	12/07/2017	17.05		Continued.	HT	Flashover at pophali end
Gangapur-Valve	IntraState	15/07/2017	09.50		Continued.	T	Tripped at Gangapur end without Indication
Bus Coupler @ Babhaleshwar	IntraState	16/07/2017	08.13	16/07/2017	16.00	PO	Isolator Alignment work
Mulund - GIS Bhandup	IntraState	16/07/2017	08.31	16/07/2017	15.36	PO	Jumper Replacement
Mahad - Pedambe	IntraState	16/07/2017	23.05		Continued.	T	Distance Protection
220 KV ICT Outages/Tripping							
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)

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