

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 12/Jul/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.344	1239.769	1) Gujrat	2.148	13.826
2) Hydro	4.680	82.161	2) Madhya Pradesh	22.346	219.167
3) Gas	9.400	97.352	3) Chattisgarh	8.560	100.360
Total MSPGCL	122.424	1419.282	4) Maharashtra Net	96.839	1129.841
B) 1) APML	64.915	768.345	5) Goa (Amona)	-0.440	-5.038
2) JSWEL	15.063	142.618	Total	129.453	1458.156
3) VIPL	6.380	78.314	a) Mumbai Schedule	26.410	267.785
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	29.876	341.263
5) WPCL	2.678	41.068	c) MSEDCL Bilateral *	27.208	281.020
6) PGPL	0.000	0.000	Include PX	6.735	53.350
7) Other IPP	3.218	34.542	d) Mumbai Bilateral *	26.410	267.785
C) 1) TPCL Thermal	15.274	170.148	Include PX	10.320	87.020
2) TPCL Hydro	4.387	53.635	Include Standby	0.000	0.000
3) TPCL Gas	3.687	40.083	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.602	127.484	1) MSEDCL	363.312	4117.063
D) STATE			2) Mumbai Discoms	64.826	732.614
1) Thermal	227.474	2602.288	TOTAL STATE	428.138	4849.677
(A1+C1+C4+(B1-B6))					
2) Hydro	9.067	135.796			
(A2+C2)					
3) Gas	13.087	137.435			
(A3+B6+C3)					
4) Wind	47.432	494.432			
6) SOLAR	1.625	21.569			
TOTAL STATE	298.685	3391.520			

* 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 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4476	4286	4916	4423
MSPGCL Hydro	43	60	209	45
MSPGCL Gas	384	393	386	390
MSPGCL Total Generation	4903	4739	5511	4858
Central Sector Receipt	6635	6709	4280	4507
WIND	2230	2092	2282	1677
CPP / IPP Thermal	3823	3796	4071	3846
CPP / IPP Gas	0	0	0	0
SOLAR	203	169	0	0
Exchange with Mumbai	-1627	-1640	-1164	-804
MSEDCL DEMAND MET	16167	15865	14980	14083
Load Shedding	0	0	0	0
MSEDCL DEMAND	16167	15865	14980	14083
TPCL GENERATION	1149	1066	1152	781
R-INFRA GENERATION	494	497	495	431
MUMBAI DEMAND	3270	3203	2811	2016
STATE DEMAND MET	19437	19068	17791	16099
STATE DEMAND	19437	19068	17791	16099
Frequency (Hz)	50.02	50.02	49.98	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 13.03 Hrs	49.8 Hz at 17.15 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 12/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	7.81	116.26	367	300
Unit 9	7.10	111.40	340	280
Unit 10	9.69	111.59	560	310
Total	24.60	339.25		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.98	7.99	445	50
Unit 5	3.14	3.14	370	0
Total	11.13	11.13		
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	4.50	53.50	195	170
Unit 5	9.31	112.23	405	365
Unit 6	9.64	117.50	436	360
Unit 7	10.17	120.79	453	355
Unit 8	9.60	108.96	485	288
Unit 9	10.44	119.16	496	341
Total	53.66	632.14		
Paras				
Unit 3	5.11	64.08	236	186
Unit 4	0.00	0.00	0	0
Total	5.11	64.08		
Khaparkheda				
Unit 1	0.00	13.54	0	0
Unit 2	0.00	0.00	0	0
Unit 3	1.53	16.68	180	0
Unit 4	3.92	20.42	167	160
Unit 5	0.00	43.28	0	0
Total	5.45	93.93		
Nasik				
Unit 3	4.16	10.65	195	157
Unit 4	0.00	41.20	0	0
Unit 5	4.24	47.39	199	162
Total	8.40	99.24		
Uran				
All Units	9.40	97.35	400	375
Total	9.40	97.35		
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)	0.22	2.33	47	0
Total	0.22	2.33		
Koyna				
Stage 1-2	2.40	35.52	380	40
Stage 4	0.67	18.17	206	0
Stage 3	1.04	16.38	160	0
Total	4.12	70.06		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.55	0	0
TILLARI	0.00	1.23	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	4.99	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.00	1.53	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.25	0	0
GHATGHAR	0.12	3.55	100	0
Total	0.56	12.10		
Wind				
Total	47.43	494.43	0	0
Total	47.43	494.43		
CPP				
APML(Mus)	64.92	768.34	0	0
JSWEL(Mus)	15.06	142.62	0	0
VIPL(Mus)	6.38	78.31	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.68	41.07	0	0
Other(Mus)	3.22	34.54	0	0
Total	92.25	1064.89		
SOLAR				
Total	1.62	21.57	0	0
Total	1.62	21.57		
Tata				
Trombay 5	9.98	113.19	490	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.29	24.57	115	76
Trombay 7B	1.40	15.52	65	52
Trombay 8	5.29	56.96	247	198
TATA Hydro	4.39	53.64	420	0
Total	23.35	263.87		
R-INFRA				
DTPS U-1&2	11.60	127.48	500	385
Total	11.60	127.48		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	108.34	1239.77	MSPGCL Total	122.42	1419.28
			MSPGCL Thml+Gas	117.74	1337.12	Koyna 1,2 & 4 Total	3.08	53.68
			MSPGCL Hydro	4.68	82.16	State Total	298.68	3391.52

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	4359	660	397	5416	1733	3830	0	0	4517	4756	-1050	14685	0	14685	2444	17129	49.94
2	4400	102	389	4891	1872	3842	0	0	4410	4669	-842	14432	0	14432	2243	16675	49.97
3	4486	45	398	4929	1715	3838	0	0	4328	4491	-751	14222	0	14222	2110	16332	49.98
4	4423	45	390	4858	1677	3846	0	0	4271	4507	-804	14083	0	14083	2016	16099	50.01
5	4423	50	399	4872	1553	3859	0	0	4518	5031	-855	14460	0	14460	1977	16437	49.98
6	4492	329	398	5219	1695	3874	0	0	4824	5159	-800	15147	0	15147	2070	17217	49.91
7	4545	666	389	5600	1453	3842	0	9	5909	6070	-829	16145	0	16145	2182	18327	49.85
8	4550	457	399	5406	1474	3834	0	43	6160	6591	-900	16448	0	16448	2316	18764	49.87
9	4570	334	387	5291	1747	3864	0	76	6300	6627	-1042	16563	0	16563	2590	19153	50.03
10	4524	245	387	5156	1987	3881	0	169	6064	5917	-1479	15631	0	15631	2978	18609	50.05
11	4490	120	396	5006	2039	3868	0	188	6219	6121	-1693	15529	0	15529	3195	18724	50.01
12	4476	43	384	4903	2230	3823	0	203	6596	6635	-1627	16167	0	16167	3270	19437	50.02
13	4286	60	393	4739	2092	3796	0	169	6738	6709	-1640	15865	0	15865	3203	19068	50.02
14	4135	40	382	4557	2058	3774	0	200	6302	6531	-1517	15603	0	15603	3121	18724	49.99
15	4268	90	392	4750	2129	3779	0	236	6307	6304	-1552	15646	0	15646	3165	18811	49.97
16	4315	125	384	4824	1945	3764	0	154	6318	6516	-1611	15592	0	15592	3144	18736	50.00
17	4368	215	394	4977	2377	3745	0	108	5518	5718	-1558	15367	0	15367	3119	18486	49.96
18	4434	280	375	5089	2255	3603	0	63	4639	5004	-1451	14563	0	14563	3030	17593	49.92
19	4451	212	398	5061	2226	3627	0	7	4582	5107	-1354	14674	0	14674	2965	17639	49.97
20	4903	228	397	5528	1993	3969	0	0	4559	4511	-1270	14731	0	14731	2924	17655	49.94
21	4916	209	386	5511	2282	4071	0	0	4331	4280	-1164	14980	0	14980	2811	17791	49.98
22	4818	45	399	5262	2279	3997	0	0	4279	4135	-1308	14365	0	14365	2722	17087	49.99
23	4885	40	387	5312	2269	3973	0	0	4287	4066	-1343	14277	0	14277	2631	16908	50.01
24	4827	40	400	5267	2352	3954	0	0	4159	3998	-1436	14135	0	14135	2600	16735	50.01
MUs	108.34	4.68	9.40	122.42	47.43	92.25	0.00	1.63	126.14	129.45	-29.88	363.31	0.00	363.31	64.83	428.14	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 12/Jul/2017

Position as on 6.30 Hrs of 13/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		Continued.	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	
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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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)	
IPP	RPL(AMT) U-4	270	09/06/2017	00.20		Continued.	Zero Schedule by MSEDCL	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/Jul/2017

Position as on 6.30 Hrs of 13/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-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	
MSPGCL	Bhusawal Unit 5	500	26/06/2017	00.00	12/07/2017	11.34	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 5	500	11/07/2017	18.30		Continued.	Boiler Tube Leakage	
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	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 13/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 II	InterState	11/07/2017	19.08	12/07/2017	10.49	HT	Over Voltage
Chandrapur-II - Warora - I	InterState	12/07/2017	09.00	12/07/2017	17.52	PO	Routine Maintenance Work
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-Bableswhar ckt I	IntraState	09/07/2017	09.21		Continued.	HT	Hand tripped to control load
karad -kolhapur-I	IntraState	10/07/2017	16.55	12/07/2017	09.40	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	11/07/2017	17.12	12/07/2017	07.33	HT	Over Voltage
Padghe - Kalwa- I	IntraState	12/07/2017	00.03	12/07/2017	05.41	EO	Jumper replacement
Padghe - Kalwa-II	IntraState	12/07/2017	06.23	12/07/2017	06.54	EO	To attend Hot Spot
Padghe - Kalwa- I	IntraState	12/07/2017	06.58	12/07/2017	08.18	EO	for attending sparking at r ph isolator.
Pune(GIS)-Parli(PG) Ckt 1	IntraState	12/07/2017	09.36		Continued.	PO	replacement of conductor.
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	12/07/2017	10.13	12/07/2017	21.53	PO	Line Maintenance work
Bus Coupler @ Parly(Girwali)	IntraState	12/07/2017	17.48	12/07/2017	20.27	T	Testing of Bus coupler relay.
Khadka-Aurangabad (Waluj)	IntraState	12/07/2017	18.11		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	12/07/2017	18.22		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kV 315MVA ICT-I@Parly	IntraState	05/07/2017	16.42		Continued.	PO	replacement of r-ph unit with overhauled unit.
400/220 KV 315 MVA ICT- I @Koradi	IntraState	12/07/2017	10.38	12/07/2017	18.37	PO	Routine Maintenance Work
400/220 KV 315MVA ICT II @ Parli	IntraState	12/07/2017	17.48	12/07/2017	18.00	T	testing of bus coupler relay.
400/220 KV 315MVA ICT II @ Parli	IntraState	12/07/2017	19.34	12/07/2017	20.31	T	for charging 400kv bus coupler.
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.
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
Kharghar - Nerul	IntraState	12/07/2017	06.13	12/07/2017	09.47	PO	LMU replacement
Kandalgaon - Koyna	IntraState	12/07/2017	08.15	12/07/2017	16.40	PO	Line Maintenance work
Kalwa - Siemens	IntraState	12/07/2017	10.00	12/07/2017	16.40	PO	for safety purpose for making scaffolding of ctt -2 at kalwa complex.
Kalmeshwar-Kalmeshwar Rly Tss 2	IntraState	12/07/2017	12.59	12/07/2017	17.05	PO	for relay retrofitting work.
Pandarpur-Khanapur	IntraState	12/07/2017	13.15	12/07/2017	15.05	PO	Routine Maintenance Work
Pophali - Nerale	IntraState	12/07/2017	17.00	12/07/2017	19.45	EO	Attending Hot Spot
Nerul - Sonkhar	IntraState	13/07/2017	05.10		Continued.	EO	Attending Hot Spot
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

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 12/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 13/Jul/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							commissioning)
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	12/07/2017	06.38	12/07/2017	18.20	T	lv side h/t to control o/l of bus section current.
220/132Kv 200MVA ICT-I @ Chikhali	IntraState	12/07/2017	10.05	12/07/2017	17.52	PO	Routine Maintenance Work
220/132-110kv 100mva (li) Ptr 3 @Oglewadi	IntraState	12/07/2017	10.28	12/07/2017	16.08	PO	Routine Maintenance Work