

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Jul/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.173	1131.425	1) Gujrat	2.875	11.678
2) Hydro	5.127	77.481	2) Madhya Pradesh	20.619	196.821
3) Gas	9.464	87.952	3) Chattisgarh	7.780	91.800
Total MSPGCL	130.764	1296.858	4) Maharashtra Net	104.301	1033.002
B) 1) APML	64.128	703.430	5) Goa (Amona)	-0.418	-4.598
2) JSWEL	15.052	127.555	Total	135.157	1328.703
3) VIPL	6.184	71.934	a) Mumbai Schedule	23.760	241.375
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	32.270	311.387
5) WPCL	2.726	38.390	c) MSEDCL Bilateral *	33.818	253.812
6) PGPL	0.000	0.000	Include PX	12.079	46.615
7) Other IPP	2.999	31.324	d) Mumbai Bilateral *	23.760	241.375
C) 1) TPCL Thermal	13.609	154.874	Include PX	9.081	76.700
2) TPCL Hydro	5.331	49.248	Include Standby	0.000	0.000
3) TPCL Gas	3.912	36.396	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.845	115.882	1) MSEDCL	367.831	3753.751
D) STATE			2) Mumbai Discoms	64.967	667.788
1) Thermal	230.716	2374.814	TOTAL STATE	432.798	4421.539
(A1+C1+C4+(B1-B6))					
2) Hydro	10.458	126.729			
(A2+C2)					
3) Gas	13.376	124.348			
(A3+B6+C3)					
4) Wind	41.239	447.000			
6) SOLAR	1.852	19.944			
TOTAL STATE	297.641	3092.835			

* 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 3 Hrs
MSPGCL Thermal	5037	5108	4773	4864
MSPGCL Hydro	151	97	612	50
MSPGCL Gas	395	395	389	395
MSPGCL Total Generation	5583	5600	5774	5309
Central Sector Receipt	6958	6638	4690	4554
WIND	1405	1733	1955	1532
CPP / IPP Thermal	3758	3786	3853	4023
CPP / IPP Gas	0	0	0	0
SOLAR	207	201	0	0
Exchange with Mumbai	-1790	-1739	-1129	-1064
MSEDCL DEMAND MET	16121	16219	15143	14354
Load Shedding	0	0	0	0
MSEDCL DEMAND	16121	16219	15143	14354
TPCL GENERATION	1081	1082	1250	639
R-INFRA GENERATION	385	387	491	389
MUMBAI DEMAND	3256	3208	2870	2092
STATE DEMAND MET	19377	19427	18013	16446
STATE DEMAND	19377	19427	18013	16446
Frequency (Hz)	50.03	50.04	49.91	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 12.03 Hrs	49.8 Hz at 14.19 Hrs	50	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 11/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	10.86	108.45	530	336
Unit 9	9.34	104.30	500	322
Unit 10	11.11	101.90	555	380
Total	31.32	314.65		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	5	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
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	4.52	49.00	196	170
Unit 5	9.47	102.91	420	360
Unit 6	10.04	107.86	447	370
Unit 7	10.22	110.62	455	367
Unit 8	9.90	99.36	473	278
Unit 9	10.34	108.72	468	351
Total	54.49	578.48		
Paras				
Unit 3	5.02	58.97	260	170
Unit 4	0.00	0.00	0	0
Total	5.02	58.97		
Khaparkheda				
Unit 1	3.66	13.54	165	120
Unit 2	0.00	0.00	0	0
Unit 3	4.06	15.15	185	160
Unit 4	2.45	16.50	180	0
Unit 5	7.01	43.28	450	0
Total	17.19	88.48		
Nasik				
Unit 3	4.06	6.49	195	160
Unit 4	0.00	41.20	0	0
Unit 5	4.10	43.15	198	160
Total	8.16	90.84		
Uran				
All Units	9.46	87.95	404	375
Total	9.46	87.95		
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)	0.12	2.11	47	0
Total	0.12	2.11		
Koyna				
Stage 1-2	3.04	33.11	425	40
Stage 4	0.63	17.49	245	0
Stage 3	1.03	15.34	160	0
Total	4.71	65.95		
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.	0.42	4.55	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	0.00	3.42	0	0
Total	0.42	11.53		
Wind				
Total	41.24	447.00	0	0
Total	41.24	447.00		
CPP				
APML(Mus)	64.13	703.43	0	0
JSWEL(Mus)	15.05	127.56	0	0
VIPL(Mus)	6.18	71.93	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.73	38.39	0	0
Other(Mus)	3.00	31.32	0	0
Total	91.09	972.63		
SOLAR				
Total	1.85	19.94	0	0
Total	1.85	19.94		
Tata				
Trombay 5	8.58	103.20	487	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.46	22.28	115	72
Trombay 7B	1.45	14.12	65	51
Trombay 8	5.03	51.67	246	199
TATA Hydro	5.33	49.25	387	0
Total	22.85	240.52		
R-INFRA				
DTPS U-1&2	9.84	115.88	494	383
Total	9.84	115.88		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	116.17	1131.42	MSPGCL Total	130.76	1296.86
			MSPGCL Thml+Gas	125.64	1219.38	Koyna 1,2 & 4 Total	3.68	50.60
			MSPGCL Hydro	5.13	77.48	State Total	297.64	3092.84

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	5101	40	402	5543	1387	4091	0	0	5074	4920	-1092	14849	0	14849	2455	17304	50.01
2	4979	45	404	5428	1533	4088	0	0	4729	4538	-1072	14515	0	14515	2234	16749	50.02
3	4864	50	395	5309	1532	4023	0	0	4458	4554	-1064	14354	0	14354	2092	16446	50.04
4	4877	45	403	5325	1699	3991	0	0	4647	4556	-978	14593	0	14593	2009	16602	50.02
5	4739	55	401	5195	1535	3939	0	0	4747	4841	-957	14553	0	14553	1986	16539	50.00
6	4480	335	391	5206	1463	3750	0	0	5261	5754	-1053	15120	0	15120	2083	17203	50.02
7	4900	480	401	5781	1306	3677	0	10	6355	6734	-1091	16417	0	16417	2149	18566	50.00
8	4972	230	392	5594	1070	3730	0	55	6847	7075	-1184	16340	0	16340	2308	18648	50.01
9	4978	208	403	5589	1299	3760	0	130	6894	7148	-1307	16619	0	16619	2597	19216	50.04
10	4962	209	398	5569	1439	3764	0	212	6520	6481	-1589	15876	0	15876	3014	18890	50.02
11	5018	210	384	5612	1605	3686	0	179	6562	6471	-1698	15855	0	15855	3156	19011	50.02
12	5037	151	395	5583	1405	3758	0	207	6883	6958	-1790	16121	0	16121	3256	19377	50.03
13	5108	97	395	5600	1733	3786	0	201	6855	6638	-1739	16219	0	16219	3208	19427	50.04
14	4816	50	381	5247	2069	3718	0	234	6782	6563	-1706	16125	0	16125	3139	19264	50.01
15	4696	45	396	5137	2250	3694	0	210	6807	6609	-1682	16218	0	16218	3150	19368	49.96
16	4668	40	387	5095	2214	3602	0	184	6750	6590	-1729	15956	0	15956	3183	19139	50.02
17	4701	75	392	5168	2259	3487	0	139	5976	5899	-1683	15269	0	15269	3153	18422	49.95
18	4895	320	375	5590	2398	3639	0	75	4810	4852	-1577	14977	0	14977	3042	18019	50.04
19	4845	108	397	5350	1966	3754	0	16	4791	4707	-1513	14280	0	14280	2929	17209	50.00
20	4753	489	398	5640	1878	3798	0	0	4565	4812	-1336	14792	0	14792	2924	17716	49.97
21	4773	612	389	5774	1955	3853	0	0	4313	4690	-1129	15143	0	15143	2870	18013	49.91
22	4787	434	402	5623	1757	3842	0	0	4341	4454	-1044	14632	0	14632	2705	17337	49.98
23	4728	150	386	5264	1776	3828	0	0	4481	4731	-1143	14456	0	14456	2705	17161	49.94
24	4496	649	397	5542	1711	3832	0	0	4211	4582	-1114	14553	0	14553	2620	17173	49.98
MUs	116.17	5.13	9.46	130.76	41.24	91.09	0.00	1.85	133.66	135.16	-32.27	367.83	0.00	367.83	64.97	432.80	50.00

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 11/Jul/2017

Position as on 6.30 Hrs of 12/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	Khaparkhedha 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 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 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 11/Jul/2017

Position as on 6.30 Hrs of 12/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 4	500	24/06/2017	00.38	11/07/2017	23.44	Hydrogen Gas Leakage.	
MSPGCL	Bhusawal Unit 5	500	26/06/2017	00.00		Continued.	Zero Schedule By MSEDCL	
CPP	SWPGL U-3	135	07/07/2017	12.11		Continued.	ID Fan Problem	
MSPGCL	Khaparkheda Unit 4	210	10/07/2017	03.19	11/07/2017	07.56	Boiler Tube Leakage	
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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 12/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	10/07/2017	14.05	11/07/2017	14.15	HT	Over Voltage
Akola Aurangabad(PG) II	InterState	11/07/2017	08.47	11/07/2017	09.13	HT	To take out Line Reactor
Akola Aurangabad(PG) II	InterState	11/07/2017	15.01	11/07/2017	16.26	HT	To Take Line Reactor in service
Dhule Sar'Sarovar II	InterState	11/07/2017	19.08		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	08/07/2017	21.48		Continued.	HT	Over Voltage
Ektuni-Bableshtar ckt I	IntraState	09/07/2017	09.21		Continued.	HT	Hand tripped to control load
Bhusawal-Aurangabad	IntraState	10/07/2017	11.40	11/07/2017	06.51	PO	Routine Maint.work(RFC 19.12Hrs)
karad -kolhapur-I	IntraState	10/07/2017	16.55		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	11/07/2017	17.12		Continued.	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
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.
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
Pedambe-Nerle	IntraState	11/07/2017	08.50	11/07/2017	16.25	PO	To replace broken Jumper
Kalwa - Siemens	IntraState	11/07/2017	09.11	11/07/2017	16.40	PO	Safety purpose construction work
Nigade- Peth Line	IntraState	11/07/2017	10.01	11/07/2017	13.10	PO	Testing Work
220KV Chalisagaon-Kopergaon	IntraState	11/07/2017	10.50	11/07/2017	13.55	PO	Jumper open.
Butibori-Butibori Rly Tss	IntraState	11/07/2017	12.45	11/07/2017	20.29	PO	Tan Delta Measurment of CTs
Mulund - GIS Bhandup	IntraState	11/07/2017	18.10	11/07/2017	20.49	HT	Y Phase Jumper Broken at Mulund
GIS Bhandup - Borivali	IntraState	11/07/2017	18.10	11/07/2017	18.20	HT	Hand Tripped from GIS end only
Kharghar - Nerul	IntraState	12/07/2017	06.13		Continued.	PO	LMU replacement
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 ICT II @Babhleshwar	IntraState	11/07/2017	09.45	11/07/2017	11.25	PO	Routine Maintenance Work
220/132 Kv 100 Mva Ict 2 @Sawangi	IntraState	11/07/2017	10.20	11/07/2017	18.35	PO	Premonsoon maintenance work.
220/132 Kv 200 Mva Cgl Ict 3 @Babhleshwar	IntraState	11/07/2017	11.10	11/07/2017	11.25	T	Overload
220/132 kV 200 Mva ICT-II @Boisar -Ii	IntraState	11/07/2017	16.50	11/07/2017	19.07	PO	Oil Top UP
132 KV LINE Outages/Trippings							

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 11/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 12/Jul/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Lalkhedi-Durgwada	IntraState	11/07/2017	21.05	11/07/2017	21.30	T	Distance Protection