

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/May/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	145.064	996.287	1) Gujrat	-2.731	-33.469
2) Hydro	38.067	223.190	2) Madhya Pradesh	18.522	120.561
3) Gas	6.849	58.660	3) Chattisgarh	7.090	52.810
Total MSPGCL	189.980	1278.137	4) Maharashtra Net	131.396	901.982
B) 1) APML	39.337	264.064	5) Goa (Amona)	-0.550	-3.234
2) JSWEL	28.303	194.658	Total	153.727	1038.650
3) VIPL	5.066	35.524	a) Mumbai Schedule	28.722	197.392
4) RPL(AMT)	13.287	127.275	b) Mumbai Drawl	30.669	206.635
5) WPCL	4.450	27.980	c) MSEDCL Bilateral *	43.289	264.095
6) PGPL	0.000	0.000	Include PX	7.134	25.692
7) Other IPP	9.454	71.282	d) Mumbai Bilateral *	28.722	197.392
C) 1) TPCL Thermal	17.124	115.257	Include PX	11.599	82.028
2) TPCL Hydro	6.014	29.999	Include Standby	0.000	0.000
3) TPCL Gas	2.389	21.549	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.927	80.651	1) MSEDCL	434.261	3002.663
D) STATE			2) Mumbai Discoms	68.123	454.091
1) Thermal	274.012	1912.978	TOTAL STATE	502.384	3456.754
(A1+C1+C4+(B1-B6))					
2) Hydro	44.081	253.189			
(A2+C2)					
3) Gas	9.238	80.209			
(A3+B6+C3)					
4) Wind	15.029	127.134			
6) SOLAR	6.297	44.594			
TOTAL STATE	348.657	2418.104			

* 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 16 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6093	5993	6193	5854
MSPGCL Hydro	1984	2021	1777	1018
MSPGCL Gas	288	265	280	287
MSPGCL Total Generation	8365	8279	8250	7159
Central Sector Receipt	6973	7562	6444	5617
WIND	422	498	465	1015
CPP / IPP Thermal	4405	4412	3933	3868
CPP / IPP Gas	0	0	0	0
SOLAR	823	567	15	0
Exchange with Mumbai	-1595	-1593	-1317	-941
MSEDCL DEMAND MET	19393	19725	17790	16718
Load Shedding	0	0	0	0
MSEDCL DEMAND	19393	19725	17790	16718
TPCL GENERATION	1267	1250	1143	814
R-INFRA GENERATION	496	495	498	498
MUMBAI DEMAND	3358	3338	2958	2253
STATE DEMAND MET	22751	23063	20748	18971
STATE DEMAND	22751	23063	20748	18971
Frequency (Hz)	49.89	49.86	49.98	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 18.01 Hrs	49.73 Hz at 16.50 Hrs	49.94	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 07/May/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	6.16	53.64	320	197
Unit 9	6.58	54.36	311	234
Unit 10	6.28	51.47	302	210
Total	19.03	159.47		
Bhusawal				
Unit 3	4.66	32.03	200	190
Unit 4	11.32	77.17	490	430
Unit 5	11.40	78.88	495	450
Total	27.38	188.08		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.35	34.69	247	112
Unit 7	4.91	35.22	246	173
Unit 8	4.02	32.16	189	161
Total	13.28	102.07		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.01	76.64	460	455
Unit 6	0.00	0.00	0	0
Unit 7	10.67	18.32	452	430
Unit 8	9.38	73.55	397	380
Unit 9	9.25	72.53	403	330
Total	40.31	241.04		
Paras				
Unit 3	5.11	36.88	250	150
Unit 4	3.36	33.32	251	0
Total	8.48	70.20		
Khaparkheda				
Unit 1	3.89	25.18	165	150
Unit 2	4.22	26.88	185	160
Unit 3	4.23	26.71	186	165
Unit 4	4.32	26.45	185	170
Unit 5	10.89	68.23	500	420
Total	27.55	173.44		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.60	31.21	198	186
Unit 5	4.44	30.77	191	175
Total	9.04	61.98		
Uran				
All Units	6.85	58.66	426	265
Total	6.85	58.66		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.05	0.35	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	0.35		
Koyna				
Stage 1-2	9.30	56.12	575	40
Stage 4	20.14	109.92	1005	466
Stage 3	6.00	35.89	320	80
Total	35.44	201.94		
Hydro				
KDPH	0.79	5.68	33	32
VTRNA	0.00	0.00	0	0
TILLARI	0.18	2.63	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	1.43	80	0
RNGR+BHTSA	0.28	1.93	12	11
BHANDARDRA	0.48	3.38	40	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.48	3.48	30	19
GHATGHAR	0.17	2.74	125	0
Total	2.63	21.26		
Wind				
Total	15.03	127.13	0	0
Total	15.03	127.13		
CPP				
APML(Mus)	39.34	264.06	0	0
JSWEL(Mus)	28.30	194.66	0	0
VIPL(Mus)	5.07	35.52	0	0
RPLAMT(Mus)	13.29	127.28	0	0
WPCL(Mus)	4.45	27.98	0	0
Other(Mus)	9.45	71.28	0	0
Total	99.90	720.78		
SOLAR				
Total	6.30	44.59	0	0
Total	6.30	44.59		
Tata				
Trombay 5	11.50	76.50	487	458
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.33	12.73	64	50
Trombay 7B	1.06	8.82	50	41
Trombay 8	5.63	38.75	242	231
TATA Hydro	6.01	30.00	459	0
Total	25.53	166.80		
R-INFRA				
DTPS U-1&2	11.93	80.65	499	494
Total	11.93	80.65		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	145.06	996.29	MSPGCL Total	189.98	1278.14
			MSPGCL Thml+Gas	151.91	1054.95	Koyna 1,2 & 4 Total	29.44	166.04
			MSPGCL Hydro	38.07	223.19	State Total	348.66	2418.10

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/May/2018

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	5823	1117	426	7366	1049	4409	0	0	5737	5944	-1183	17585	0	17585	2724	20309	49.97
2	5750	1424	276	7450	966	4385	0	0	5760	5599	-1174	17226	0	17226	2526	19752	50.00
3	5815	1241	287	7343	1040	4141	0	0	5702	5581	-1041	17064	0	17064	2366	19430	49.99
4	5854	1018	287	7159	1015	3868	0	0	5629	5617	-941	16718	0	16718	2253	18971	50.00
5	5897	897	286	7080	904	3846	0	0	5673	6077	-872	17035	0	17035	2196	19231	50.01
6	5968	995	284	7247	638	4078	0	0	6204	6364	-898	17429	0	17429	2218	19647	49.96
7	5987	1002	288	7277	647	4357	0	39	6530	6506	-892	17934	0	17934	2197	20131	49.99
8	5971	1200	278	7449	442	4193	0	194	6346	6584	-964	17898	0	17898	2328	20226	49.99
9	5984	1590	284	7858	447	3913	0	396	6178	6352	-1234	17732	0	17732	2655	20387	49.91
10	5942	1978	281	8201	491	3901	0	628	6189	6082	-1403	17900	0	17900	3000	20900	49.91
11	5981	2008	269	8258	370	4230	0	741	6246	6584	-1536	18647	0	18647	3264	21911	49.92
12	6093	1984	288	8365	422	4405	0	823	6957	6973	-1595	19393	0	19393	3358	22751	49.89
13	6040	1642	276	7958	477	4416	0	880	7534	7306	-1605	19432	0	19432	3368	22800	49.92
14	6007	1623	266	7896	446	4427	0	801	7151	7263	-1527	19306	0	19306	3245	22551	49.92
15	6000	1919	276	8195	501	4425	0	707	7397	7414	-1553	19689	0	19689	3305	22994	49.83
16	5993	2021	265	8279	498	4412	0	567	7749	7562	-1593	19725	0	19725	3338	23063	49.86
17	6129	1970	278	8377	559	4387	0	363	7717	7563	-1538	19711	0	19711	3282	22993	49.87
18	6122	1944	266	8332	526	4186	0	143	6700	6866	-1427	18626	0	18626	3150	21776	49.92
19	6193	1777	280	8250	465	3933	0	15	6007	6444	-1317	17790	0	17790	2958	20748	49.98
20	6206	1764	282	8252	385	3895	0	0	6097	6266	-1299	17499	0	17499	2958	20457	49.94
21	6263	1936	272	8471	560	3907	0	0	5723	5774	-1218	17494	0	17494	2904	20398	49.92
22	6260	1879	283	8422	702	3943	0	0	5590	5324	-1220	17171	0	17171	2813	19984	49.90
23	6370	1864	285	8519	699	3997	0	0	5725	5647	-1270	17592	0	17592	2827	20419	49.92
24	6416	1274	286	7976	780	4237	0	0	5871	6035	-1369	17659	0	17659	2890	20549	50.04
MUs	145.06	38.07	6.85	189.98	15.03	99.90	0.00	6.30	152.41	153.73	-30.67	434.26	0.00	434.26	68.12	502.38	49.94

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 07/May/2018

Position as on 6.30 Hrs of 08/May/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
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	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
MSPGCL	Uran Unit 8	108	25/03/2018	06.25		Continued.	Thrust Bearing Tripped	
IPP	VIPL U-1	300	01/04/2018	00.26		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	10/04/2018	09.58		Continued.	Boiler Tube Leakage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	17/04/2018	20.50		Continued.	PA Fan problem (Coal Shortage since 22.04.2018)	
IPP	Adani U-5	660	24/04/2018	08.53		Continued.	Bottom Ash problem	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00		Continued.	Coal Shortage	
MSPGCL	Paras Unit 4	250	06/05/2018	13.55	07/05/2018	09.40	Coal handling plant problem.	
IPP	RPL(AMT) U-2	270	06/05/2018	18.00		Continued.	Coal Shortage	
MSPGCL	Uran Unit 6	108	07/05/2018	00.56		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/May/2018

Statement-VII

Position as on 6.30 Hrs of 08/May/2018

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	06/05/2018	17.38	07/05/2018	06.51	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	07/05/2018	18.24		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	06/05/2018	17.45	07/05/2018	06.39	HT	Over Voltage
N.Koyna-Karad -Ckt II	IntraState	07/05/2018	08.50	07/05/2018	14.31	PO	Testing Work
Akola-Nandgaonpeth (RPL)	IntraState	07/05/2018	09.31	07/05/2018	18.36	PO	Routine Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	07/05/2018	18.32		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	31/03/2018	21.21		Continued.	HT	hand tripped after charge.
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	02/05/2018	11.04		Continued.	PO	Oil Filtration Work Due To High DGA.
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 jumper 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 jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chikhli-Jalna-I	IntraState	07/05/2018	08.53	07/05/2018	13.54	PO	Routine Maintenance Work
REL Borivali TPC Borivali line	IntraState	07/05/2018	10.08	07/05/2018	16.20	PO	GIS work.
Talandge-Hamidwada	IntraState	07/05/2018	10.30	07/05/2018	17.16	PO	Insulator Replacement Work
Uran - Apta III	IntraState	07/05/2018	10.55	07/05/2018	18.20	PO	Testing Work
Kandalgaon - Koyna	IntraState	07/05/2018	13.15	07/05/2018	19.05	T	Distance Protection
Talandge-Mudshingi Ckt-I	IntraState	07/05/2018	15.42	07/05/2018	18.15	PO	Line Maintenance work
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(repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/33kv 100MVA Transformer 1 @Versova R/S	IntraState	18/04/2018	17.34		Continued.	HT	Buchholz Alarm
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-Ii	IntraState	29/04/2018	07.13		Continued.	T	Differential protection
220/132-110 Kv 200 Mva Ptr 3 @Ichalkaranji-Ii	IntraState	07/05/2018	10.04	07/05/2018	13.00	PO	Quarterly Maintenance Work
220/132-110kv 100mva Imp Ptr 1 @Wathar	IntraState	07/05/2018	15.30	07/05/2018	16.43	PO	Testing Work
220/132-110kv 100mva Imp Ptr 2 @Wathar	IntraState	07/05/2018	16.45	07/05/2018	18.05	PO	Testing Work
132 KV LINE Outages/Trippings							
Dondaicha-Nandurbar	IntraState	07/05/2018	00.45	07/05/2018	06.52	T	Distance Protection

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