

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Mar/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.020	852.268	1) Gujrat	1.283	8.385
2) Hydro	17.671	69.641	2) Madhya Pradesh	20.937	127.150
3) Gas	6.532	37.736	3) Chattisgarh	6.050	37.310
Total MSPGCL	171.223	959.645	4) Maharashtra Net	109.343	686.477
B) 1) APML	45.610	249.583	5) Goa (Amona)	-0.528	-3.256
2) JSWEL	18.462	104.909	Total	137.085	856.066
3) VIPL	7.018	40.054	a) Mumbai Schedule	23.437	125.390
4) RPL(AMT)	19.771	112.564	b) Mumbai Drawl	24.572	137.926
5) WPCL	4.393	20.518	c) MSEDCL Bilateral *	35.794	213.258
6) PGPL	0.000	0.000	Include PX	8.396	59.249
7) Other IPP	12.141	65.030	d) Mumbai Bilateral *	23.437	125.390
C) 1) TPCL Thermal	15.826	89.907	Include PX	8.663	41.732
2) TPCL Hydro	5.591	21.660	Include Standby	0.000	0.000
3) TPCL Gas	3.507	23.677	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.150	65.196	1) MSEDCL	401.217	2318.351
D) STATE			2) Mumbai Discoms	60.646	338.363
1) Thermal	281.391	1600.029	TOTAL STATE	461.863	2656.714
(A1+C1+C4+(B1-B6))					
2) Hydro	23.262	91.301			
(A2+C2)					
3) Gas	10.039	61.413			
(A3+B6+C3)					
4) Wind	6.552	27.053			
6) SOLAR	3.534	20.855			
TOTAL STATE	324.778	1800.651			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6180	6151	5933	6228
MSPGCL Hydro	1078	1165	692	155
MSPGCL Gas	263	271	264	278
MSPGCL Total Generation	7521	7587	6889	6661
Central Sector Receipt	6741	6758	5261	4670
WIND	183	191	180	343
CPP / IPP Thermal	4596	4583	4673	4276
CPP / IPP Gas	0	0	0	0
SOLAR	500	521	0	0
Exchange with Mumbai	-1258	-1253	-1010	-799
MSEDCL DEMAND MET	18283	18387	15993	15151
Load Shedding	0	0	0	0
MSEDCL DEMAND	18283	18387	15993	15151
TPCL GENERATION	1322	1295	1326	695
R-INFRA GENERATION	502	502	501	374
MUMBAI DEMAND	3082	3050	2837	1868
STATE DEMAND MET	21365	21437	18830	17019
STATE DEMAND	21365	21437	18830	17019
Frequency (Hz)	49.97	49.96	49.94	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13:02 Hrs	49.79 Hz at 18.00 Hrs	49.95	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 06/Mar/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	7.83	68.92	556	0
Unit 9	12.62	40.26	571	460
Unit 10	13.83	83.41	620	530
Total	34.28	192.59		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.97	66.97	480	385
Unit 5	11.51	67.91	490	470
Total	22.48	134.88		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.77	34.00	250	187
Unit 7	5.77	33.54	252	194
Unit 8	5.69	32.37	247	225
Total	17.23	99.91		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.52	66.71	465	350
Unit 6	0.00	0.00	0	0
Unit 7	7.87	8.15	450	239
Unit 8	10.89	69.72	497	6
Unit 9	11.69	66.83	496	472
Total	40.97	211.41		
Paras				
Unit 3	6.05	35.57	256	250
Unit 4	6.06	35.86	259	250
Total	12.11	71.43		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	11.61	0	0
Unit 4	0.00	15.92	0	0
Unit 5	11.39	69.10	500	440
Total	11.39	96.63		
Nasik				
Unit 3	0.00	3.83	0	0
Unit 4	4.13	24.52	180	163
Unit 5	4.44	17.07	194	165
Total	8.57	45.42		
Uran				
All Units	6.53	37.74	281	260
Total	6.53	37.74		
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)	0.00	0.19	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.19		
Koyna				
Stage 1-2	4.20	19.26	490	30
Stage 4	6.64	21.15	953	0
Stage 3	2.62	8.37	240	0
Total	13.47	48.78		
Hydro				
KDPH	0.86	4.32	36	36
VTRNA	1.05	6.92	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	1.15	80	0
RNGR+BHTSA	0.34	1.73	15	14
BHANDARDRA	0.47	1.18	20	19
ELDARY	0.00	0.00	0	0
SMLHY_PTN	1.05	3.94	44	43
GHATGHAR	0.17	1.62	125	0
Total	4.20	20.86		
Wind				
Total	6.55	27.05	0	0
Total	6.55	27.05		
CPP				
APML(Mus)	45.61	249.58	0	0
JSWEL(Mus)	18.46	104.91	0	0
VIPL(Mus)	7.02	40.05	0	0
RPLAMT(Mus)	19.77	112.56	0	0
WPCL(Mus)	4.39	20.52	0	0
Other(Mus)	12.14	65.03	0	0
Total	107.40	592.66		
SOLAR				
Total	3.53	20.86	0	0
Total	3.53	20.86		
Tata				
Trombay 5	10.32	57.83	488	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.11	14.67	115	78
Trombay 7B	1.40	9.01	67	55
Trombay 8	5.51	32.08	247	198
TATA Hydro	5.59	21.66	459	0
Total	24.92	135.24		
R-INFRA				
DTPS U-1&2	11.15	65.20	504	374
Total	11.15	65.20		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.02	852.27	MSPGCL Total	171.22	959.64
			MSPGCL Thml+Gas	153.55	890.00	Koyna 1,2 & 4 Total	10.84	40.40
			MSPGCL Hydro	17.67	69.64	State Total	324.78	1800.65

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/Mar/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	6349	227	279	6855	302	4368	0	0	5183	5266	-999	15792	0	15792	2142	17934	49.94
2	6353	145	269	6767	315	4370	0	0	5072	4927	-875	15504	0	15504	1981	17485	49.93
3	6228	155	278	6661	343	4276	0	0	4937	4670	-799	15151	0	15151	1868	17019	49.95
4	6221	160	279	6660	383	4180	0	0	4845	4743	-711	15255	0	15255	1774	17029	49.98
5	6280	165	280	6725	497	4194	0	0	4946	4973	-718	15671	0	15671	1778	17449	50.00
6	6364	314	280	6958	493	4390	0	0	5197	5325	-635	16531	0	16531	1879	18410	49.97
7	6348	818	279	7445	488	4551	0	1	5962	6095	-651	17929	0	17929	2043	19972	49.97
8	6338	848	281	7467	418	4492	0	62	5792	5865	-683	17621	0	17621	2201	19822	49.96
9	6249	780	279	7308	307	4504	0	190	5381	5570	-890	16989	0	16989	2483	19472	49.96
10	6185	1096	266	7547	277	4578	0	331	5396	5553	-1028	17258	0	17258	2790	20048	49.99
11	6170	975	274	7419	210	4575	0	441	5961	6152	-1232	17565	0	17565	2996	20561	49.94
12	6180	1078	263	7521	183	4596	0	500	6772	6741	-1258	18283	0	18283	3082	21365	49.97
13	6151	1165	271	7587	191	4583	0	521	6730	6758	-1253	18387	0	18387	3050	21437	49.96
14	6213	1324	260	7797	136	4524	0	504	6324	6511	-1277	18195	0	18195	2957	21152	50.01
15	6282	1354	271	7907	115	4503	0	429	6442	6132	-1282	17804	0	17804	3010	20814	49.93
16	6269	1590	261	8120	118	4499	0	304	6535	6511	-1275	18277	0	18277	3031	21308	49.88
17	5954	1891	272	8117	126	4513	0	184	6210	6392	-1204	18128	0	18128	3002	21130	49.94
18	5921	1129	262	7312	114	4526	0	67	5755	5984	-1198	16805	0	16805	2922	19727	49.95
19	5898	512	274	6684	124	4620	0	0	5478	5604	-1101	15931	0	15931	2840	18771	49.92
20	5933	692	264	6889	180	4673	0	0	5377	5261	-1010	15993	0	15993	2837	18830	49.94
21	5954	374	273	6601	220	4612	0	0	5323	5138	-1099	15472	0	15472	2684	18156	49.94
22	5877	302	275	6454	320	4412	0	0	5501	5710	-1192	15704	0	15704	2516	18220	49.96
23	5803	300	266	6369	399	4437	0	0	5490	5590	-1185	15610	0	15610	2423	18033	49.97
24	5500	277	276	6053	293	4419	0	0	5514	5614	-1017	15362	0	15362	2357	17719	49.95
MUs	147.02	17.67	6.53	171.22	6.55	107.40	0.00	3.53	136.12	137.09	-24.57	401.22	0.00	401.22	60.65	461.86	49.95

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 06/Mar/2018

Position as on 6.30 Hrs of 07/Mar/2018

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 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	AOH	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
MSPGCL	Koyna Unit 4	70	20/01/2018	08.50		Continued.	Thrust Bearing Temperature Problem, converted to COH w.e.f 25.01.2018	
MSPGCL	Uran Unit 6	108	11/02/2018	23.43		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 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.	De-commissioned on dt. 01.04.2017	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	De-commissioned on dt.02.03.2017	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
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.	
IPP	VIPL U-1	300	30/01/2018	22.55		Continued.	Coal Shortage	
IPP	RPL(AMT) U-4	270	10/02/2018	16.36		Continued.	Generator Exciter Bearing oil Leakage (Out due to coal shortage w.e.f 15.02.2018)	
IPP	Adani U-4	660	12/02/2018	07.24		Continued.	Governing valve abnormal sound(Out due to coal shortage w.e.f 20.02.2018, 18:00hrs)	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Mar/2018

Position as on 6.30 Hrs of 07/Mar/2018

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	14/02/2018	02.45		Continued.	Poor Coal Receipt.	
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
MSPGCL	Khaparkheda Unit 2	210	21/02/2018	17.27		Continued.	Boiler Tube Leakage(Converted to coal shortage w.e.f 23.02.2018	
MSPGCL	Uran Unit A0	120	25/02/2018	11.11		Continued.	Gas shortage	
MSPGCL	Uran Unit 5	108	25/02/2018	11.11		Continued.	Gas shortage	
IPP	RPL(AMT) U-3	270	27/02/2018	00.01		Continued.	Coal Shortage	
IPP	Dhariwal	300	27/02/2018	17.31		Continued.	Drum Level Not Maintained.	
MSPGCL	Khaparkheda Unit 1	210	27/02/2018	18.00		Continued.	Poor Coal Receipt	
MSPGCL	Nasik Unit 3	210	01/03/2018	20.40		Continued.	suspected btl.	
MSPGCL	Khaparkheda Unit 3	210	03/03/2018	13.20		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 4	210	04/03/2018	09.21		Continued.	Poor coal receipt	
MSPGCL	Koradi Unit-8	660	06/03/2018	16.07		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	06/03/2018	23.05		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 07/Mar/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	01/03/2018	16.10	06/03/2018	10.30	HT	Over Voltage
Chandrapur Bhadravati II	InterState	06/03/2018	09.54	06/03/2018	18.12	PO	Isolator Maintenance And Alignment Work.
Dhule Khandwa I	InterState	06/03/2018	10.59	06/03/2018	17.30	T	CVT Problem.
Dhule Sar'Sarovar I	InterState	06/03/2018	17.30		Continued.	HT	Over Voltage
Padgha - Boisar (PG)	InterState	06/03/2018	19.51	07/03/2018	00.46	EO	Attending Hot Spot
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	07/03/2018	06.05		Continued.	T	Distance Protection
karad -kolhapur-II	IntraState	05/03/2018	04.18	06/03/2018	11.13	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	05/03/2018	18.47	06/03/2018	08.08	HT	Over Voltage
New Koyna - Koyna Stage IV-II	IntraState	06/03/2018	08.41	06/03/2018	13.46	EO	Attending Hot Spot
karad -kolhapur-II	IntraState	06/03/2018	09.21	06/03/2018	11.13	PO	Main BAY.Line Charged Through TBC.
karad -kolhapur-I	IntraState	06/03/2018	11.33		Continued.	PO	Relay Testing And Quarterly Maintenance Work.
Ektuni-Bableshwar ckt I	IntraState	06/03/2018	13.49	06/03/2018	18.37	PO	Quarterly Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	06/03/2018	18.33		Continued.	HT	Over Voltage
Padghe(HVDC)- Padghe(HVAC)-I	IntraState	06/03/2018	23.04	07/03/2018	00.59	EO	Inspection Of Pole 1 DC Voltage Divider Terminal Wiring.
400 KV ICT Outages/Trippings							
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	06/03/2018	05.38	07/03/2018	01.29	T	NDR Operated
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.
Talandge Chikodi	InterState	06/03/2018	17.45		Continued.	T	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.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12:23		Continued.	T	Distance Protection
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	'B'Phase CT Burst
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Virur - Virur Rly Tss 2	IntraState	06/03/2018	09.40	06/03/2018	16.40	PO	Routine Maintenance Work
Vita - Miraj	IntraState	06/03/2018	10.08	06/03/2018	19.35	PO	Urgent Replacement Of Insulator String.
Khadka-Chalisgaon-1	IntraState	06/03/2018	11.20	06/03/2018	15.44	PO	For Jumper Tightening Work At Various Locations.
Ghatghar - Bapgaon	IntraState	06/03/2018	12.24	06/03/2018	15.10	T	Distance Protection
Nerle - Dasgaon	IntraState	06/03/2018	13.05		Continued.	PO	To Change Copper Terminal Connectors To Aluminium.
Miraj - Mhaishal	IntraState	06/03/2018	13.57	06/03/2018	19.36	PO	Cold Washing And String Repl. Work.
Talandage(400kv) - Five Star Midc	IntraState	07/03/2018	06.05		Continued.	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(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

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 06/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 07/Mar/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							on Internal Fault)
220/66 Kv 150 Mva Ngef Ict 1 @Gadchandur	IntraState	04/03/2018	02.55		Continued.	T	Differential protection
220/100 Kv 200MVA ICT-I @Padghe	IntraState	06/03/2018	10.25	06/03/2018	13.39	PO	Diagnostic Testing And Nay Maintenance Work.
220/132kv 100MVA ICT I @Satara Midc	IntraState	06/03/2018	11.28	06/03/2018	15.55	PO	Quarterly Maintainance Work
132 KV LINE Outages/Trippings							
Brahmapuri - Aa Energy	IntraState	05/03/2018	15.18	06/03/2018	21.35	T	Distance Protection
Raimoha - Pathardi	IntraState	06/03/2018	20.24		Continued.	T	Distance Protection