

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Mar/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.323	2545.817	1) Gujrat	-1.369	-3.256
2) Hydro	9.728	246.163	2) Madhya Pradesh	19.325	358.749
3) Gas	9.243	124.349	3) Chattisgarh	6.280	112.100
Total MSPGCL	154.294	2916.329	4) Maharashtra Net	105.673	2067.370
B) 1) APML	44.413	793.747	5) Goa (Amona)	-0.924	-12.034
2) JSWEL	15.947	334.525	Total	128.985	2522.929
3) VIPL	11.857	170.236	a) Mumbai Schedule	20.697	390.022
4) RPL(AMT)	17.834	290.210	b) Mumbai Drawl	20.931	424.828
5) WPCL	3.947	71.383	c) MSEDCL Bilateral *	33.395	683.041
6) PGPL	0.000	0.000	Include PX	2.263	178.641
7) Other IPP	14.721	208.012	d) Mumbai Bilateral *	20.697	390.022
C) 1) TPCL Thermal	14.960	281.593	Include PX	2.265	96.174
2) TPCL Hydro	0.908	69.952	Include Standby	0.000	0.000
3) TPCL Gas	4.432	65.040	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.663	199.570	1) MSEDCL	383.631	7045.180
D) STATE			2) Mumbai Discoms	51.893	1041.000
1) Thermal	269.665	4895.093	TOTAL STATE	435.524	8086.180
(A1+C1+C4+(B1-B6))					
2) Hydro	10.636	316.115			
(A2+C2)					
3) Gas	13.675	189.389			
(A3+B6+C3)					
4) Wind	9.353	103.951			
6) SOLAR	3.211	58.686			
TOTAL STATE	306.540	5563.234			

* 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 23 Hrs
MSPGCL Thermal	5923	5974	5095	5480
MSPGCL Hydro	777	490	422	213
MSPGCL Gas	283	272	413	425
MSPGCL Total Generation	6983	6736	5930	6118
Central Sector Receipt	5952	5825	5348	5029
WIND	443	445	712	482
CPP / IPP Thermal	4749	4672	3924	4227
CPP / IPP Gas	0	0	0	0
SOLAR	477	497	0	0
Exchange with Mumbai	-800	-786	-1162	-1174
MSEDCL DEMAND MET	17804	17389	14752	14682
Load Shedding	0	0	0	0
MSEDCL DEMAND	17804	17389	14752	14682
TPCL GENERATION	991	986	772	774
R-INFRA GENERATION	503	503	374	376
MUMBAI DEMAND	2294	2275	2308	2324
STATE DEMAND MET	20098	19664	17060	17006
STATE DEMAND	20098	19664	17060	17006
Frequency (Hz)	50.00	49.99	49.96	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 10.01 Hrs	49.84 Hz at 18.59 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 18/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	9.54	166.77	451	359
Unit 9	9.53	183.99	451	350
Unit 10	9.53	234.06	450	360
Total	28.60	584.82		
Bhusawal				
Unit 3	4.46	16.91	200	160
Unit 4	10.86	203.96	490	355
Unit 5	10.90	206.51	500	350
Total	26.22	427.38		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.63	102.02	250	199
Unit 7	5.57	100.86	252	184
Unit 8	5.36	98.08	245	185
Total	16.57	300.97		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.52	192.18	455	365
Unit 6	0.00	0.00	0	0
Unit 7	0.00	50.03	0	0
Unit 8	10.98	140.40	490	360
Unit 9	11.10	201.70	488	363
Total	32.60	584.31		
Paras				
Unit 3	5.66	82.86	253	190
Unit 4	5.64	104.41	255	190
Total	11.30	187.27		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.50	17.53	195	160
Unit 3	2.59	43.53	181	0
Unit 4	4.69	69.94	210	165
Unit 5	0.00	189.67	0	0
Total	11.79	320.68		
Nasik				
Unit 3	0.00	3.83	0	0
Unit 4	4.03	74.04	178	159
Unit 5	4.20	62.53	191	163
Total	8.24	140.39		
Uran				
All Units	9.24	124.35	445	272
Total	9.24	124.35		
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)	0.07	0.72	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	0.72		
Koyna				
Stage 1-2	2.28	64.77	420	40
Stage 4	1.41	82.57	520	0
Stage 3	1.37	31.56	228	0
Total	5.05	178.89		
Hydro				
KDPH	0.00	11.22	0	0
VTRNA	1.03	21.10	61	0
TILLARI	0.42	3.03	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	3.52	76	0
RNGR+BHTSA	0.30	5.56	13	12
BHANDARDRA	0.46	6.68	20	19
ELDARY	0.21	0.21	9	8
SMLHY_PTN	1.63	11.79	68	67
GHATGHAR	0.48	4.15	125	0
Total	4.68	67.27		
Wind				
Total	9.35	103.95	0	0
Total	9.35	103.95		
CPP				
APML(Mus)	44.41	793.75	0	0
JSWEL(Mus)	15.95	334.52	0	0
VIPL(Mus)	11.86	170.24	0	0
RPLAMT(Mus)	17.83	290.21	0	0
WPCL(Mus)	3.95	71.38	0	0
Other(Mus)	14.72	208.01	0	0
Total	108.72	1868.11		
SOLAR				
Total	3.21	58.69	0	0
Total	3.21	58.69		
Tata				
Trombay 5	9.60	182.79	492	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	39.72	118	116
Trombay 7B	1.62	25.32	68	67
Trombay 8	5.36	98.81	245	200
TATA Hydro	0.91	69.95	72	0
Total	20.30	416.58		
R-INFRA				
DTPS U-1&2	10.66	199.57	504	373
Total	10.66	199.57		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.32	2545.82	MSPGCL Total	154.29	2916.33
			MSPGCL Thml+Gas	144.57	2670.17	Koyna 1,2 & 4 Total	3.68	147.34
			MSPGCL Hydro	9.73	246.16	State Total	306.54	5563.23

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	5632	320	429	6381	204	4707	0	0	5362	5467	-1058	15701	0	15701	2312	18013	49.97
2	5629	150	431	6210	184	4697	0	0	5269	5244	-836	15499	0	15499	2147	17646	49.97
3	5615	155	430	6200	260	4698	0	0	5099	5030	-891	15297	0	15297	2002	17299	49.98
4	5628	150	432	6210	288	4480	0	0	5119	5013	-838	15153	0	15153	1917	17070	50.00
5	5613	155	421	6189	237	4434	0	0	5140	5265	-807	15318	0	15318	1890	17208	49.97
6	5665	347	433	6445	297	4740	0	0	5294	5216	-634	16064	0	16064	1937	18001	49.95
7	5659	1168	434	7261	388	4764	0	4	5294	5399	-571	17245	0	17245	1972	19217	50.02
8	5682	1091	445	7218	344	4729	0	69	5261	5625	-592	17393	0	17393	2008	19401	50.02
9	5731	474	367	6572	338	4657	0	204	5312	5382	-693	16460	0	16460	2107	18567	50.00
10	5733	644	278	6655	335	4716	0	313	5328	5286	-784	16521	0	16521	2211	18732	50.01
11	5748	483	287	6518	375	4730	0	433	5381	5744	-816	16984	0	16984	2278	19262	50.00
12	5923	777	283	6983	443	4749	0	477	5908	5952	-800	17804	0	17804	2294	20098	50.00
13	5974	490	272	6736	445	4672	0	497	6030	5825	-786	17389	0	17389	2275	19664	49.99
14	5990	478	290	6758	500	4689	0	424	5438	5621	-738	17254	0	17254	2216	19470	50.02
15	6010	478	314	6802	335	4714	0	320	5554	5597	-710	17058	0	17058	2186	19244	50.01
16	6018	345	347	6710	331	4684	0	262	6015	6041	-698	17330	0	17330	2161	19491	49.99
17	6043	236	418	6697	385	4688	0	132	5711	5518	-797	16623	0	16623	2117	18740	49.98
18	5736	214	420	6370	434	4548	0	68	5302	4826	-950	15296	0	15296	2081	17377	50.01
19	5117	214	421	5752	583	4052	0	8	4994	4963	-1049	14309	0	14309	2161	16470	49.98
20	5095	422	413	5930	712	3924	0	0	4977	5348	-1162	14752	0	14752	2308	17060	49.96
21	5072	218	423	5713	530	3965	0	0	4976	5183	-1183	14208	0	14208	2330	16538	49.97
22	5286	298	424	6008	554	4058	0	0	4922	5106	-1176	14550	0	14550	2322	16872	49.99
23	5480	213	425	6118	482	4227	0	0	5195	5029	-1174	14682	0	14682	2324	17006	49.99
24	5244	208	406	5858	369	4398	0	0	5188	5305	-1188	14742	0	14742	2338	17080	50.02
MUs	135.32	9.73	9.24	154.29	9.35	108.72	0.00	3.21	128.07	128.98	-20.93	383.63	0.00	383.63	51.89	435.53	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 18/Mar/2018

Position as on 6.30 Hrs of 19/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 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.	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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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.	
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	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)	
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
IPP	RPL(AMT) U-3	270	27/02/2018	00.01		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/Mar/2018

Position as on 6.30 Hrs of 19/Mar/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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.	Poor coal Receipt From 06.03.2018	
MSPGCL	Chandrapur Unit 7	500	10/03/2018	23.06		Continued.	Water Shortage From 12/03/2018	
MSPGCL	Khaparkheda Unit 3	210	14/03/2018	00.27	18/03/2018	04.46	Coal Shortage	
MSPGCL	Khaparkheda Unit 5	500	17/03/2018	21.34		Continued.	Economizer Tube Leakage.	
MSPGCL	Uran Unit 8	108	18/03/2018	08.35	18/03/2018	13.53	THRUST BEARING PROTECTION OPERATED.	
MSPGCL	Parli Unit 7	250	19/03/2018	03.35		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 19/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 II	InterState	17/03/2018	18.04		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	17/03/2018	18.12		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	18/03/2018	20.09		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT 3 @Kolhapur	IntraState	18/03/2018	17.07	18/03/2018	17.45	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.
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)
Kharghar-Borivali ckt I	IntraState	12/03/2018	10.00		Continued.	PO	Cable Termination work & Line Diverted To Siemenc.
Karkamb - Jeur	IntraState	18/03/2018	06.28	18/03/2018	06.44	T	Distance Protection
Lamboti(solapur)-Karkamb	IntraState	18/03/2018	06.28	18/03/2018	06.44	T	Distance Protection
Chinchwad-Hinjewadi I	IntraState	18/03/2018	08.47	18/03/2018	18.11	HT	LOAD SHIFTING.
Urse - Talegaon (Ambi) Ckt 2	IntraState	18/03/2018	08.51	18/03/2018	18.02	PO	JUMPER NUT BOLTS TIGHTENING INSULATOR CLEANING WORK.
Sahara-Urse	IntraState	18/03/2018	13.06	18/03/2018	18.03	PO	OUTAGE FOR SAFETY PURPOSE.
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)
220/66 Kv 150 Mva Ngef Ict 1 @Gadchandur	IntraState	04/03/2018	02.55		Continued.	T	Differential protection

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