

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Mar/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.698	1543.752	1) Gujrat	-1.531	1.956
2) Hydro	11.620	168.304	2) Madhya Pradesh	18.310	223.977
3) Gas	6.452	62.352	3) Chattisgarh	6.440	69.740
Total MSPGCL	155.770	1774.408	4) Maharashtra Net	118.521	1269.486
B) 1) APML	43.489	476.017	5) Goa (Amona)	-0.594	-6.248
2) JSWEL	19.253	202.059	Total	141.146	1558.911
3) VIPL	11.894	86.847	a) Mumbai Schedule	18.054	233.036
4) RPL(AMT)	12.375	197.346	b) Mumbai Drawl	19.905	246.620
5) WPCL	3.958	41.601	c) MSEDCL Bilateral *	45.844	419.318
6) PGPL	0.000	0.000	Include PX	18.290	122.122
7) Other IPP	11.723	121.763	d) Mumbai Bilateral *	18.054	233.036
C) 1) TPCL Thermal	16.256	175.952	Include PX	1.124	68.612
2) TPCL Hydro	0.953	43.502	Include Standby	0.000	0.000
3) TPCL Gas	2.338	35.566	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.240	124.541	1) MSEDCL	389.339	4303.504
D) STATE			2) Mumbai Discoms	50.712	626.198
1) Thermal	267.886	2969.878	TOTAL STATE	440.051	4929.702
(A1+C1+C4+(B1-B6))					
2) Hydro	12.573	211.806			
(A2+C2)					
3) Gas	8.790	97.918			
(A3+B6+C3)					
4) Wind	6.567	54.591			
6) SOLAR	3.069	36.581			
TOTAL STATE	298.885	3370.774			

* 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	5723	5690	5738	5765
MSPGCL Hydro	933	838	322	256
MSPGCL Gas	271	259	271	264
MSPGCL Total Generation	6927	6787	6331	6285
Central Sector Receipt	6816	6864	5602	5374
WIND	118	122	471	373
CPP / IPP Thermal	4391	4333	3907	4028
CPP / IPP Gas	0	0	0	0
SOLAR	465	471	0	0
Exchange with Mumbai	-901	-897	-1248	-1228
MSEDCL DEMAND MET	17816	17680	15063	14832
Load Shedding	0	0	0	0
MSEDCL DEMAND	17816	17680	15063	14832
TPCL GENERATION	884	883	689	668
R-INFRA GENERATION	499	500	376	376
MUMBAI DEMAND	2284	2280	2313	2272
STATE DEMAND MET	20100	19960	17376	17104
STATE DEMAND	20100	19960	17376	17104
Frequency (Hz)	49.93	49.96	49.97	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18.01 Hrs	49.79 Hz at 12.08 Hrs	49.96	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/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	13.67	87.48	657	411
Unit 9	13.70	103.42	628	496
Unit 10	14.10	152.65	629	560
Total	41.46	343.55		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.76	125.79	500	480
Unit 5	11.88	127.14	500	480
Total	23.64	252.93		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.55	62.34	250	193
Unit 7	5.56	61.75	248	194
Unit 8	5.50	60.48	242	187
Total	16.60	184.56		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.81	117.68	475	390
Unit 6	0.00	0.00	0	0
Unit 7	0.00	50.03	0	0
Unit 8	0.00	69.72	0	0
Unit 9	11.48	124.27	485	471
Total	22.29	361.71		
Paras				
Unit 3	0.00	53.99	0	0
Unit 4	4.43	63.46	192	173
Total	4.43	117.45		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.54	31.78	200	180
Unit 4	4.82	36.88	210	183
Unit 5	11.50	125.91	500	450
Total	20.87	194.58		
Nasik				
Unit 3	0.00	3.83	0	0
Unit 4	4.06	45.39	179	153
Unit 5	4.35	39.75	192	157
Total	8.40	88.97		
Uran				
All Units	6.45	62.35	279	255
Total	6.45	62.35		
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)	0.02	0.38	12	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	0.38		
Koyna				
Stage 1-2	3.84	45.36	450	40
Stage 4	2.59	59.86	380	0
Stage 3	1.40	22.20	160	0
Total	7.83	127.42		
Hydro				
KDPH	0.86	8.64	36	36
VTRNA	1.44	12.95	61	60
TILLARI	0.00	0.50	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	2.40	70	0
RNGR+BHTSA	0.30	3.37	13	12
BHANDARDRA	0.46	3.45	30	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.60	7.26	25	25
GHATGHAR	0.00	2.30	0	0
Total	3.79	40.88		
Wind				
Total	6.57	54.59	0	0
Total	6.57	54.59		
CPP				
APML(Mus)	43.49	476.02	0	0
JSWEL(Mus)	19.25	202.06	0	0
VIPL(Mus)	11.89	86.85	0	0
RPLAMT(Mus)	12.38	197.35	0	0
WPCL(Mus)	3.96	41.60	0	0
Other(Mus)	11.72	121.76	0	0
Total	102.69	1125.63		
SOLAR				
Total	3.07	36.58	0	0
Total	3.07	36.58		
Tata				
Trombay 5	10.64	114.70	492	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.28	21.25	57	47
Trombay 7B	1.06	14.32	47	40
Trombay 8	5.62	61.25	248	200
TATA Hydro	0.95	43.50	72	0
Total	19.55	255.02		
R-INFRA				
DTPS U-1&2	11.24	124.54	504	375
Total	11.24	124.54		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	137.70	1543.75	MSPGCL Total	155.77	1774.41
			MSPGCL Thml+Gas	144.15	1606.10	Koyna 1,2 & 4 Total	6.43	105.22
			MSPGCL Hydro	11.62	168.30	State Total	298.88	3370.77

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	5646	598	273	6517	279	4370	0	0	5404	5323	-764	15725	0	15725	2159	17884	49.92
2	5613	470	277	6360	285	4283	0	0	5354	5311	-648	15591	0	15591	2018	17609	49.93
3	5770	229	276	6275	283	4261	0	0	5137	5055	-580	15294	0	15294	1913	17207	49.98
4	5834	205	277	6316	287	4374	0	0	5038	4911	-535	15353	0	15353	1853	17206	49.99
5	5776	341	269	6386	304	4434	0	0	5010	5067	-512	15679	0	15679	1833	17512	49.93
6	5770	414	278	6462	347	4440	0	0	5784	5622	-542	16329	0	16329	1852	18181	49.89
7	5776	597	279	6652	383	4434	0	0	6555	6431	-549	17351	0	17351	1872	19223	49.97
8	5760	447	277	6484	301	4425	0	53	6677	6400	-566	17097	0	17097	1891	18988	49.96
9	5777	313	277	6367	208	4343	0	159	6482	6145	-658	16564	0	16564	1961	18525	49.92
10	5768	732	275	6775	167	4416	0	292	5793	6089	-735	17004	0	17004	2073	19077	49.96
11	5714	818	262	6794	132	4418	0	399	5989	6177	-733	17187	0	17187	2115	19302	49.94
12	5723	933	271	6927	118	4391	0	465	6852	6816	-901	17816	0	17816	2284	20100	49.93
13	5690	838	259	6787	122	4333	0	471	6997	6864	-897	17680	0	17680	2280	19960	49.96
14	5643	807	257	6707	123	4229	0	420	6704	6984	-865	17598	0	17598	2247	19845	49.99
15	5636	714	255	6605	162	4322	0	358	7033	6972	-865	17554	0	17554	2245	19799	49.95
16	5683	679	268	6630	147	4403	0	250	6982	6848	-863	17415	0	17415	2249	19664	49.96
17	5742	574	258	6574	158	4405	0	149	6621	6573	-806	17053	0	17053	2192	19245	50.00
18	5826	324	258	6408	252	4366	0	50	5793	5300	-703	15673	0	15673	2047	17720	49.97
19	5729	199	262	6190	425	4000	0	3	5403	5166	-998	14786	0	14786	2157	16943	49.98
20	5738	322	271	6331	471	3907	0	0	5425	5602	-1248	15063	0	15063	2313	17376	49.97
21	5766	191	263	6220	462	4033	0	0	5104	5325	-1266	14774	0	14774	2332	17106	49.97
22	5804	311	272	6387	398	4078	0	0	5096	5204	-1229	14838	0	14838	2278	17116	49.98
23	5765	256	264	6285	373	4028	0	0	5266	5374	-1228	14832	0	14832	2272	17104	49.95
24	5749	308	274	6331	380	4001	0	0	5288	5587	-1214	15085	0	15085	2256	17341	50.00
MUs	137.70	11.62	6.45	155.77	6.57	102.69	0.00	3.07	141.79	141.15	-19.91	389.34	0.00	389.34	50.69	440.03	49.96

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/Mar/2018

Position as on 6.30 Hrs of 12/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 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.	
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	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)	
MSPGCL	Bhusawal Unit 3	210	14/02/2018	02.45		Continued.	Poor Coal Receipt.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/Mar/2018

Position as on 6.30 Hrs of 12/Mar/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
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	Chandrapur Unit-8	500	06/03/2018	23.05		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	10/03/2018	08.51		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 12/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	10/03/2018	17.41		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	10/03/2018	18.00	11/03/2018	07.17	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	10/03/2018	18.20	11/03/2018	08.56	T	Distance Protection
Babhaleshwar - Padghe-II	IntraState	11/03/2018	09.39	11/03/2018	13.04	PO	String replacement work
Khadka-Aurangabad (Waluj)	IntraState	11/03/2018	17.53	12/03/2018	06.48	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	12/03/2018	06.13		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	11/03/2018	13.54	11/03/2018	18.20	PO	Attending Hot Spot
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.
Boiser(M)-Boiser(PG) -III	InterState	11/03/2018	12.08	11/03/2018	17.30	PO	Annual Maintenance Work
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)
Kalwa-Salsette-IV	IntraState	10/03/2018	08.54	11/03/2018	17.23	PO	Relay Replacement work.
Bableswhar Ahamadnagar-Ii	IntraState	11/03/2018	07.32	11/03/2018	10.59	PO	Annual Maintenance Work
Urse - Talegaon (Ambi) Ckt 2	IntraState	11/03/2018	09.48	11/03/2018	18.57	PO	Double jumpering
Parli 2-(Girwali) -Murud	IntraState	11/03/2018	10.56	11/03/2018	18.50	PO	765kv PG line crossing work
Pedhambe - Oni	IntraState	11/03/2018	13.25	11/03/2018	13.46	T	Distance Protection
Eklahara(Gcr)(Nasik)- Bableswhar-I	IntraState	11/03/2018	13.49	11/03/2018	17.53	PO	jumper replacement work
Boisar(M) - Ghodbunder	IntraState	11/03/2018	14.25	11/03/2018	17.29	PO	controlling load
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
220/100 Kv 200 MVA ICT-I @Borivali	IntraState	11/03/2018	09.56	11/03/2018	14.15	PO	Attending Hot Spot

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