

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 04/Mar/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	145.465	560.145	1) Gujrat	1.031	7.912
2) Hydro	4.826	36.968	2) Madhya Pradesh	21.567	84.659
3) Gas	6.419	24.644	3) Chattisgarh	6.190	25.110
Total MSPGCL	156.710	621.757	4) Maharashtra Net	117.907	467.303
B) 1) APML	43.060	160.556	5) Goa (Amona)	-0.462	-2.200
2) JSWEL	15.913	67.327	Total	146.233	582.784
3) VIPL	6.536	26.249	a) Mumbai Schedule	18.622	79.124
4) RPL(AMT)	18.209	73.179	b) Mumbai Drawl	20.451	89.350
5) WPCL	2.920	11.834	c) MSEDCL Bilateral *	40.645	140.594
6) PGPL	0.000	0.000	Include PX	14.266	41.671
7) Other IPP	10.309	42.075	d) Mumbai Bilateral *	18.622	79.124
C) 1) TPCL Thermal	14.726	58.780	Include PX	5.135	24.764
2) TPCL Hydro	1.010	10.838	Include Standby	0.000	0.000
3) TPCL Gas	4.340	15.789	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.818	43.135	1) MSEDCL	387.449	1526.459
D) STATE			2) Mumbai Discoms	51.345	217.892
1) Thermal	267.956	1043.280	TOTAL STATE	438.794	1744.351
(A1+C1+C4+(B1-B6))					
2) Hydro	5.836	47.806			
(A2+C2)					
3) Gas	10.759	40.433			
(A3+B6+C3)					
4) Wind	4.636	16.098			
6) SOLAR	3.374	13.950			
TOTAL STATE	292.561	1161.567			

* 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 4 Hrs
MSPGCL Thermal	6142	6066	5918	6060
MSPGCL Hydro	162	234	306	176
MSPGCL Gas	263	274	277	277
MSPGCL Total Generation	6567	6574	6501	6513
Central Sector Receipt	7647	7423	5571	5351
WIND	138	137	202	141
CPP / IPP Thermal	4236	4256	3941	3731
CPP / IPP Gas	0	0	0	0
SOLAR	466	510	0	0
Exchange with Mumbai	-888	-864	-1080	-801
MSEDCL DEMAND MET	18166	18036	15135	14935
Load Shedding	0	0	0	0
MSEDCL DEMAND	18166	18036	15135	14935
TPCL GENERATION	942	947	838	699
R-INFRA GENERATION	503	502	376	376
MUMBAI DEMAND	2333	2313	2294	1876
STATE DEMAND MET	20499	20349	17429	16811
STATE DEMAND	20499	20349	17429	16811
Frequency (Hz)	49.99	50.00	49.99	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 18.01 Hrs	49.83 Hz at 15.44 Hrs	49.97	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 04/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	12.54	48.27	561	465
Unit 9	11.61	16.73	506	418
Unit 10	13.97	55.53	601	550
Total	38.12	120.53		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.51	44.63	490	450
Unit 5	11.50	44.86	490	420
Total	23.01	89.49		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.54	22.39	250	187
Unit 7	5.45	22.06	252	187
Unit 8	5.41	20.86	246	187
Total	16.40	65.30		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.18	45.08	475	450
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.74	47.11	500	450
Unit 9	11.26	43.36	498	353
Total	34.17	135.55		
Paras				
Unit 3	5.92	23.50	255	232
Unit 4	5.97	23.77	255	237
Total	11.89	47.28		
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	1.92	15.92	210	0
Unit 5	11.56	46.09	500	460
Total	13.48	73.62		
Nasik				
Unit 3	0.00	3.83	0	0
Unit 4	4.07	16.27	185	162
Unit 5	4.32	8.28	199	164
Total	8.40	28.38		
Uran				
All Units	6.42	24.64	280	211
Total	6.42	24.64		
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	0.19	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.05	0.19		
Koyna				
Stage 1-2	2.03	10.64	225	40
Stage 4	0.14	9.68	89	0
Stage 3	0.31	3.69	80	0
Total	2.48	24.01		
Hydro				
KDPH	0.43	2.81	19	18
VTRNA	1.01	4.51	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	0.68	77	0
RNGR+BHTSA	0.00	1.05	0	0
BHANDARDRA	0.24	0.24	30	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.54	2.42	23	22
GHATGHAR	0.00	1.26	0	0
Total	2.35	12.96		
Wind				
Total	4.64	16.10	0	0
Total	4.64	16.10		
CPP				
APML(Mus)	43.06	160.56	0	0
JSWEL(Mus)	15.91	67.33	0	0
VIPL(Mus)	6.54	26.25	0	0
RPLAMT(Mus)	18.21	73.18	0	0
WPCL(Mus)	2.92	11.83	0	0
Other(Mus)	10.31	42.08	0	0
Total	96.95	381.22		
SOLAR				
Total	3.37	13.95	0	0
Total	3.37	13.95		
Tata				
Trombay 5	9.46	37.56	489	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.75	9.78	118	105
Trombay 7B	1.59	6.01	68	64
Trombay 8	5.27	21.22	244	198
TATA Hydro	1.01	10.84	137	0
Total	20.08	85.41		
R-INFRA				
DTPS U-1&2	10.82	43.14	505	376
Total	10.82	43.14		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	145.46	560.14	MSPGCL Total	156.71	621.76
			MSPGCL Thml+Gas	151.88	584.79	Koyna 1,2 & 4 Total	2.17	20.32
			MSPGCL Hydro	4.83	36.97	State Total	292.56	1161.57

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	6118	207	211	6536	181	3991	0	0	5689	5644	-1082	15270	0	15270	2252	17522	49.95
2	6067	141	224	6432	170	4018	0	0	5573	5540	-920	15240	0	15240	2104	17344	49.94
3	5972	176	252	6400	200	3760	0	0	5276	5430	-905	14885	0	14885	1978	16863	49.96
4	6060	176	277	6513	141	3731	0	0	5160	5351	-801	14935	0	14935	1876	16811	49.96
5	6215	146	270	6631	155	3862	0	0	5382	5267	-724	15191	0	15191	1842	17033	49.96
6	6286	146	278	6710	116	4123	0	0	5666	5587	-547	15989	0	15989	1897	17886	49.98
7	6278	205	280	6763	150	4155	0	3	6587	6578	-516	17133	0	17133	1927	19060	50.00
8	6287	203	280	6770	180	4170	0	51	6703	6519	-543	17147	0	17147	1957	19104	50.00
9	6265	96	279	6640	181	4089	0	177	6442	6470	-754	16803	0	16803	2032	18835	49.97
10	6166	229	266	6661	144	4160	0	315	6550	6307	-902	16685	0	16685	2191	18876	49.96
11	6097	167	275	6539	184	4233	0	413	6740	6782	-900	17251	0	17251	2303	19554	49.96
12	6142	162	263	6567	138	4236	0	466	7427	7647	-888	18166	0	18166	2333	20499	49.99
13	6066	234	274	6574	137	4256	0	510	7465	7423	-864	18036	0	18036	2313	20349	50.00
14	6073	154	262	6489	154	4230	0	479	7138	7141	-814	17679	0	17679	2257	19936	50.00
15	6078	147	273	6498	183	4224	0	407	7117	7093	-794	17611	0	17611	2240	19851	49.94
16	6063	165	263	6491	232	4195	0	311	7095	6792	-748	17273	0	17273	2200	19473	49.93
17	6074	233	274	6581	259	4221	0	176	6583	6430	-695	16972	0	16972	2161	19133	49.99
18	6085	190	274	6549	227	4161	0	66	5748	5522	-751	15774	0	15774	2123	17897	49.98
19	6017	191	266	6474	219	4049	0	0	5456	5132	-985	14889	0	14889	2159	17048	49.98
20	5918	306	277	6501	202	3941	0	0	5376	5571	-1080	15135	0	15135	2294	17429	49.99
21	5769	255	276	6300	292	3873	0	0	5383	5450	-1077	14838	0	14838	2286	17124	49.95
22	5706	420	268	6394	276	3694	0	0	5259	5452	-1025	14791	0	14791	2230	17021	49.99
23	5812	241	279	6332	266	3796	0	0	5393	5593	-1026	14961	0	14961	2172	17133	49.97
24	5851	236	278	6365	249	3779	0	0	5378	5512	-1110	14795	0	14795	2218	17013	49.95
MUs	145.47	4.83	6.42	156.71	4.64	96.95	0.00	3.37	146.59	146.23	-20.45	387.45	0.00	387.45	51.35	438.79	49.97

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 04/Mar/2018

Position as on 6.30 Hrs of 05/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	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 04/Mar/2018

Position as on 6.30 Hrs of 05/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	Chandrapur Unit 7	500	22/02/2018	14.07		Continued.	For attending damaged conductor of GTR bushing.	
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	
CPP	SWPGL U-4	135	01/03/2018	18.30		Continued.	ID Fan Problem	
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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 04/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 05/Mar/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	04/03/2018	22.21	04/03/2018	23.20	EO	Attend cooling pump valve problem
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		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	03/03/2018	18.13	04/03/2018	06.52	HT	Over Voltage
Padghe - Nagothane - I	IntraState	03/03/2018	23.04	04/03/2018	04.30	EO	Attending Hot Spot
Khadka- Deepnagar Ckt 2	IntraState	04/03/2018	10.21	04/03/2018	19.22	PO	Carrying out signature test for jumper tightening work at various loc.
Khadka-Aurangabad (Waluj)	IntraState	04/03/2018	18.04	05/03/2018	06.27	HT	Over Voltage
karad -kolhapur-II	IntraState	05/03/2018	04.18		Continued.	T	Distance Protection
karad -kolhapur-I	IntraState	05/03/2018	04.29		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	04/03/2018	09.15	04/03/2018	18.20	PO	isolator overhauling work
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)
Kalwa Salsette III	IntraState	03/03/2018	07.43	04/03/2018	20.47	PO	Relay Replacement work.
Kandalgaon - Koyna	IntraState	04/03/2018	02.35	04/03/2018	11.20	T	Distance Protection
Mahad - Pedambe	IntraState	04/03/2018	02.58	04/03/2018	03.15	T	Distance Protection
Adlabs - Pedambe	IntraState	04/03/2018	03.31	04/03/2018	04.01	T	Distance Protection
Mahad - Pedambe	IntraState	04/03/2018	04.08	04/03/2018	18.05	T	Distance Protection
Adlabs - Pedambe	IntraState	04/03/2018	04.35	04/03/2018	19.25	T	Distance Protection
Talandage(kolh'r)- Sawantwadi II	IntraState	04/03/2018	06.12	04/03/2018	06.49	T	Distance Protection
Loteparshuram- Dasturi Line	IntraState	04/03/2018	07.47	04/03/2018	16.40	T	Distance Protection
Ambazari-Abhijeet	IntraState	04/03/2018	14.20	04/03/2018	17.11	PO	Replacement work
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	05/03/2018	04.30		Continued.	T	Distance Protection
Talandge-Mudshingi Ckt-I	IntraState	05/03/2018	04.42	05/03/2018	04.55	T	Distance Protection
Talandge(400kv)- Ichalkaranji 2	IntraState	05/03/2018	05.11		Continued.	T	Distance Protection
Talandge(400kv)- Ichalkaranji 1	IntraState	05/03/2018	05.11		Continued.	T	Distance Protection
Talandge-Mudshingi Ckt-I	IntraState	05/03/2018	05.14	05/03/2018	05.23	T	Distance Protection
Talandge(400)- Mudshingi 2 Line	IntraState	05/03/2018	05.14	05/03/2018	05.23	T	Distance Protection
Mudshingi-Wathar	IntraState	05/03/2018	05.15	05/03/2018	06.07	T	Distance Protection
Talandge-Mudshingi Ckt-I	IntraState	05/03/2018	06.36		Continued.	T	Distance Protection

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 04/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 05/Mar/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
132 KV LINE Outages/Trippings							
Talegaon-Tiwasa	IntraState	04/03/2018	14.38	04/03/2018	15.00	T	Distance Protection
Amravati - Tiwasa	IntraState	04/03/2018	14.55	04/03/2018	14.59	T	Distance Protection
Lalkhedi-Durgwada	IntraState	04/03/2018	16.20	04/03/2018	17.54	T	Distance Protection