

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Mar/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.514	272.852	1) Gujrat	4.797	4.732
2) Hydro	5.561	19.080	2) Madhya Pradesh	20.693	40.646
3) Gas	6.593	13.190	3) Chattisgarh	6.230	12.630
Total MSPGCL	143.668	305.122	4) Maharashtra Net	107.767	232.543
B) 1) APML	38.624	78.234	5) Goa (Amona)	-0.528	-1.144
2) JSWEL	15.947	34.062	Total	138.959	289.407
3) VIPL	6.061	13.150	a) Mumbai Schedule	15.668	38.105
4) RPL(AMT)	17.770	36.772	b) Mumbai Drawl	20.571	45.294
5) WPCL	2.531	6.519	c) MSEDCL Bilateral *	25.248	64.384
6) PGPL	0.000	0.000	Include PX	3.162	17.208
7) Other IPP	11.018	22.812	d) Mumbai Bilateral *	15.668	38.105
C) 1) TPCL Thermal	13.467	28.704	Include PX	3.454	11.260
2) TPCL Hydro	0.741	6.448	Include Standby	0.000	0.000
3) TPCL Gas	3.996	7.222	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.155	21.426	1) MSEDCL	360.400	755.115
D) STATE			2) Mumbai Discoms	48.929	109.096
1) Thermal	247.087	514.531	TOTAL STATE	409.329	864.211
(A1+C1+C4+(B1-B6))					
2) Hydro	6.302	25.528			
(A2+C2)					
3) Gas	10.589	20.412			
(A3+B6+C3)					
4) Wind	2.861	7.272			
6) SOLAR	3.532	7.059			
TOTAL STATE	270.371	574.802			

* 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	5637	5697	5108	5140
MSPGCL Hydro	475	216	129	166
MSPGCL Gas	262	271	275	276
MSPGCL Total Generation	6374	6184	5512	5582
Central Sector Receipt	6397	6368	5408	5652
WIND	150	150	222	102
CPP / IPP Thermal	3945	4057	3519	3457
CPP / IPP Gas	0	0	0	0
SOLAR	525	477	0	0
Exchange with Mumbai	-821	-795	-1044	-1126
MSEDCL DEMAND MET	16570	16441	13617	13667
Load Shedding	0	0	0	0
MSEDCL DEMAND	16570	16441	13617	13667
TPCL GENERATION	757	807	820	703
R-INFRA GENERATION	428	503	378	376
MUMBAI DEMAND	2006	2105	2242	2205
STATE DEMAND MET	18576	18546	15859	15872
STATE DEMAND	18576	18546	15859	15872
Frequency (Hz)	49.98	50.00	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 12.00 Hrs	49.82 Hz at 00.07 Hrs	50	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 02/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	12.24	23.56	566	460
Unit 9	0.00	0.00	0	0
Unit 10	13.74	28.89	660	460
Total	25.98	52.46		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.54	21.88	480	350
Unit 5	10.66	22.10	485	345
Total	21.19	43.98		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.51	11.21	250	195
Unit 7	5.36	11.03	248	191
Unit 8	5.18	10.24	240	181
Total	16.05	32.48		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.29	22.61	475	465
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.85	23.64	500	485
Unit 9	9.06	20.81	495	291
Total	32.20	67.06		
Paras				
Unit 3	5.84	11.69	256	195
Unit 4	5.93	11.84	254	200
Total	11.77	23.53		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.51	9.19	200	161
Unit 4	4.33	9.19	200	160
Unit 5	11.47	23.02	500	450
Total	20.31	41.40		
Nasik				
Unit 3	0.00	3.83	0	0
Unit 4	4.01	8.11	178	158
Unit 5	0.00	0.00	0	0
Total	4.01	11.94		
Uran				
All Units	6.59	13.19	291	260
Total	6.59	13.19		
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	0.13	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.13		
Koyna				
Stage 1-2	1.91	5.80	285	40
Stage 4	0.11	4.25	111	0
Stage 3	0.34	1.48	160	0
Total	2.36	11.52		
Hydro				
KDPH	0.87	1.73	37	36
VTRNA	1.15	2.14	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	0.42	80	0
RNGR+BHTSA	0.35	0.70	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.69	1.30	29	28
GHATGHAR	0.00	1.26	0	0
Total	3.20	7.56		
Wind				
Total	2.86	7.27	0	0
Total	2.86	7.27		
CPP				
APML(Mus)	38.62	78.23	0	0
JSWEL(Mus)	15.95	34.06	0	0
VIPL(Mus)	6.06	13.15	0	0
RPLAMT(Mus)	17.77	36.77	0	0
WPCL(Mus)	2.53	6.52	0	0
Other(Mus)	11.02	22.81	0	0
Total	91.95	191.55		
SOLAR				
Total	3.53	7.06	0	0
Total	3.53	7.06		
Tata				
Trombay 5	8.29	18.16	481	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.48	4.38	113	76
Trombay 7B	1.52	2.85	67	55
Trombay 8	5.18	10.55	244	199
TATA Hydro	0.74	6.45	129	0
Total	18.20	42.37		
R-INFRA				
DTPS U-1&2	10.16	21.43	503	374
Total	10.16	21.43		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	131.51	272.85	MSPGCL Total	143.67	305.12
			MSPGCL Thml+Gas	138.11	286.04	Koyna 1,2 & 4 Total	2.02	10.04
			MSPGCL Hydro	5.56	19.08	State Total	270.37	574.80

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	5631	423	279	6333	60	3751	0	0	5815	5947	-1061	15030	0	15030	2214	17244	49.95
2	5696	193	279	6168	47	3907	0	0	5783	5677	-951	14848	0	14848	2051	16899	49.94
3	5574	193	279	6046	74	3914	0	0	5721	5689	-886	14837	0	14837	1922	16759	50.00
4	5505	183	279	5967	65	3889	0	0	5685	5848	-816	14953	0	14953	1844	16797	49.99
5	5568	178	279	6025	96	3892	0	0	5665	5844	-786	15071	0	15071	1821	16892	49.99
6	5571	208	280	6059	79	3987	0	0	5709	6050	-609	15566	0	15566	1880	17446	49.98
7	5560	409	291	6260	89	4070	0	6	6188	6591	-497	16519	0	16519	1896	18415	50.01
8	5623	444	281	6348	178	4048	0	63	5921	5951	-484	16104	0	16104	1891	17995	49.98
9	5570	237	280	6087	141	3946	0	189	5634	5474	-687	15150	0	15150	1909	17059	50.01
10	5419	322	277	6018	178	3687	0	331	5441	5658	-858	15014	0	15014	1930	16944	49.99
11	5516	265	275	6056	140	3798	0	413	5788	5787	-886	15308	0	15308	1957	17265	49.98
12	5637	475	262	6374	150	3945	0	525	6221	6397	-821	16570	0	16570	2006	18576	49.98
13	5697	216	271	6184	150	4057	0	477	6317	6368	-795	16441	0	16441	2105	18546	50.00
14	5627	206	271	6104	130	4057	0	488	6062	6455	-787	16447	0	16447	2087	18534	50.06
15	5603	201	260	6064	147	4054	0	434	6049	5980	-777	15902	0	15902	2052	17954	50.07
16	5669	181	270	6120	119	3995	0	333	6048	6280	-780	16067	0	16067	2047	18114	49.99
17	5737	185	272	6194	123	4015	0	212	5764	5793	-751	15586	0	15586	2044	17630	49.99
18	5555	180	263	5998	100	3771	0	61	5495	4943	-891	13982	0	13982	2016	15998	50.01
19	5111	180	273	5564	156	3493	0	0	5286	5014	-972	13255	0	13255	2101	15356	50.00
20	5108	129	275	5512	222	3519	0	0	5323	5408	-1044	13617	0	13617	2242	15859	49.99
21	5084	125	277	5486	174	3604	0	0	5132	5150	-1076	13337	0	13337	2252	15589	49.99
22	5039	131	277	5447	89	3482	0	0	5199	5458	-1070	13406	0	13406	2243	15649	50.02
23	5140	166	276	5582	102	3457	0	0	5348	5652	-1126	13667	0	13667	2205	15872	50.00
24	5274	131	267	5672	52	3611	0	0	5411	5546	-1160	13721	0	13721	2215	15936	49.96
MUs	131.5 1	5.56	6.59	143.67	2.86	91.95	0.00	3.53	137.01	138.96	-20.57	360.40	0.00	360.40	48.93	409.33	50.00

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 02/Mar/2018

Position as on 6.30 Hrs of 03/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	Nasik Unit 5	210	06/01/2018	06.30	03/03/2018	00.12	PA Fan Problem (Not available due to Coal shortage from 07.01.2018, 14:00Hrs)	
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	
MSPGCL	Koradi Unit 9	660	31/01/2018	14.31		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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Mar/2018

Position as on 6.30 Hrs of 03/Mar/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	Adani U-4	660	12/02/2018	07.24		Continued.	15.02.2018)	
							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.	
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
MSPGCL	Khaparkhedda 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	Khaparkhedda 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	Koyna Unit 1	70	02/03/2018	07.20	03/03/2018	00.01	Maintenance work	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 03/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		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	01/03/2018	18.49	02/03/2018	07.22	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	02/03/2018	17.00		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	02/03/2018	18.08		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	02/03/2018	21.09		Continued.	HT	Over Voltage
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)
Mahape - TIFIL	IntraState	02/03/2018	15.11	02/03/2018	19.30	PO	b ph la Brust.
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)
220/100 Kv 100mva Bharat Bijlee Ptr No 4 @Chinchwad	IntraState	02/03/2018	10.36	02/03/2018	18.30	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Killari Tap On Ujani-Omerga	IntraState	02/03/2018	17.23	02/03/2018	17.40	T	Distance Protection

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