

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.163	712.845	1) Gujrat	1.366	0.458
2) Hydro	11.696	63.925	2) Madhya Pradesh	19.947	106.155
3) Gas	7.170	52.727	3) Chattisgarh	8.640	49.860
Total MSPGCL	139.029	829.497	4) Maharashtra Net	105.053	650.456
B) 1) APML	55.481	301.777	5) Goa (Amona)	-0.704	-3.916
2) JSWEL	17.744	105.166	Total	134.302	803.013
3) VIPL	6.230	36.365	a) Mumbai Schedule	19.872	129.040
4) RPL(AMT)	22.374	134.807	b) Mumbai Drawl	22.752	141.855
5) WPCL	4.489	24.930	c) MSEDCL Bilateral *	22.761	139.287
6) PGPL	0.000	0.000	Include PX	3.781	28.913
7) Other IPP	13.026	74.824	d) Mumbai Bilateral *	19.872	129.040
C) 1) TPCL Thermal	14.725	88.201	Include PX	6.367	55.326
2) TPCL Hydro	3.063	14.013	Include Standby	0.000	0.000
3) TPCL Gas	2.872	23.541	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.446	39.091	1) MSEDCL	378.611	2220.883
D) STATE			2) Mumbai Discoms	53.858	306.702
1) Thermal	264.678	1518.006	TOTAL STATE	432.469	2527.585
(A1+C1+C4+(B1-B6))					
2) Hydro	14.759	77.938			
(A2+C2)					
3) Gas	10.042	76.268			
(A3+B6+C3)					
4) Wind	5.880	31.380			
6) SOLAR	2.808	20.979			
TOTAL STATE	298.167	1724.571			

* 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 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5354	5368	5028	4448
MSPGCL Hydro	1120	850	336	205
MSPGCL Gas	282	289	292	305
MSPGCL Total Generation	6756	6507	5656	4958
Central Sector Receipt	6712	6403	5453	4501
WIND	205	199	207	405
CPP / IPP Thermal	5506	5507	5068	4182
CPP / IPP Gas	0	0	0	0
SOLAR	405	414	0	0
Exchange with Mumbai	-1189	-1194	-1338	-546
MSEDCL DEMAND MET	18395	17836	15046	13500
Load Shedding	0	0	0	0
MSEDCL DEMAND	18395	17836	15046	13500
TPCL GENERATION	1103	1044	894	633
R-INFRA GENERATION	503	503	378	375
MUMBAI DEMAND	2795	2741	2610	1554
STATE DEMAND MET	21190	20577	17656	15054
STATE DEMAND	21190	20577	17656	15054
Frequency (Hz)	50.01	49.96	49.92	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 13:02 Hrs	49.77 Hz at 07:12 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 06/Feb/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	11.71	66.63	560	450
Unit 9	0.00	0.00	0	0
Unit 10	10.79	62.81	510	390
Total	22.50	129.45		
Bhusawal				
Unit 3	4.26	15.82	200	160
Unit 4	10.32	60.64	500	350
Unit 5	10.33	60.90	500	355
Total	24.91	137.35		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.28	31.71	250	190
Unit 7	0.00	0.00	0	0
Unit 8	4.86	29.75	263	146
Total	10.14	61.46		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.36	48.24	475	359
Unit 6	0.00	0.00	0	0
Unit 7	10.03	59.95	450	363
Unit 8	10.52	40.40	500	360
Unit 9	10.52	64.31	493	360
Total	41.41	212.90		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.50	32.48	255	189
Total	5.50	32.48		
Khaparkheda				
Unit 1	3.80	21.26	165	155
Unit 2	0.00	7.54	0	0
Unit 3	0.00	0.00	0	0
Unit 4	3.71	22.18	160	150
Unit 5	0.00	39.04	0	0
Total	7.51	90.02		
Nasik				
Unit 3	4.20	25.11	192	158
Unit 4	4.00	24.06	182	155
Unit 5	0.00	0.00	0	0
Total	8.19	49.17		
Uran				
All Units	7.17	52.73	319	274
Total	7.17	52.73		
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)	0.15	0.68	49	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.15	0.68		
Koyna				
Stage 1-2	2.88	15.24	435	40
Stage 4	2.98	13.16	500	0
Stage 3	1.16	6.54	160	0
Total	7.02	34.93		
Hydro				
KDPH	0.86	5.02	36	35
VTRNA	1.08	6.83	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	0.63	73	0
RNGR+BHTSA	0.38	2.20	16	15
BHANDARDRA	0.34	2.62	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.87	5.21	46	33
GHATGHAR	1.06	6.48	125	0
Total	4.68	28.99		
Wind				
Total	5.88	31.38	0	0
Total	5.88	31.38		
CPP				
APML(Mus)	55.48	301.78	0	0
JSWEL(Mus)	17.74	105.17	0	0
VIPL(Mus)	6.23	36.36	0	0
RPLAMT(Mus)	22.37	134.81	0	0
WPCL(Mus)	4.49	24.93	0	0
Other(Mus)	13.03	74.82	0	0
Total	119.34	677.87		
SOLAR				
Total	2.81	20.98	0	0
Total	2.81	20.98		
Tata				
Trombay 5	9.48	56.79	488	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.61	14.47	74	65
Trombay 7B	1.26	9.07	55	51
Trombay 8	5.24	31.41	242	199
TATA Hydro	3.06	14.01	257	0
Total	20.66	125.76		
R-INFRA				
DTPS U-1&2	10.45	39.09	504	373
Total	10.45	39.09		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	120.16	712.84	MSPGCL Total	139.03	829.50
			MSPGCL Thml+Gas	127.33	765.57	Koyna 1,2 & 4 Total	5.86	28.39
			MSPGCL Hydro	11.70	63.92	State Total	298.17	1724.57

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/Feb/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	4446	204	302	4952	482	4198	0	0	4820	4649	-770	13511	0	13511	1778	15289	49.96
2	4447	199	315	4961	445	4193	0	0	4776	4619	-633	13585	0	13585	1639	15224	49.98
3	4448	205	305	4958	405	4182	0	0	4587	4501	-546	13500	0	13500	1554	15054	49.95
4	4448	205	305	4958	407	4186	0	0	4505	4580	-503	13628	0	13628	1508	15136	49.98
5	4452	205	315	4972	412	4153	0	0	4964	5130	-504	14163	0	14163	1513	15676	50.00
6	4848	205	298	5351	363	4420	0	0	5165	5402	-623	14913	0	14913	1639	16552	49.95
7	5344	316	306	5966	448	5206	0	1	5464	5911	-597	16935	0	16935	1856	18791	49.95
8	5411	824	319	6554	400	5419	0	44	5628	5952	-605	17764	0	17764	2032	19796	49.94
9	5394	764	305	6463	273	5535	0	158	5738	6042	-790	17681	0	17681	2299	19980	49.94
10	5429	573	312	6314	264	5501	0	283	5999	6183	-1026	17519	0	17519	2562	20081	49.93
11	5337	888	298	6523	185	5487	0	362	6288	6570	-1178	17949	0	17949	2753	20702	49.97
12	5354	1120	282	6756	205	5506	0	405	6548	6712	-1189	18395	0	18395	2795	21190	50.01
13	5368	850	289	6507	199	5507	0	414	6415	6403	-1194	17836	0	17836	2741	20577	49.96
14	5358	723	284	6365	121	5518	0	422	6068	6307	-1056	17677	0	17677	2622	20299	50.02
15	5320	901	274	6495	115	5498	0	326	6087	6315	-1090	17659	0	17659	2656	20315	49.91
16	5328	964	297	6589	133	5476	0	249	6106	6183	-1104	17526	0	17526	2668	20194	49.96
17	5319	725	289	6333	124	5501	0	115	5987	5990	-1089	16974	0	16974	2651	19625	49.95
18	5163	201	282	5646	91	5276	0	29	5847	5810	-1197	15655	0	15655	2608	18263	49.94
19	5028	336	292	5656	207	5068	0	0	5591	5453	-1338	15046	0	15046	2610	17656	49.92
20	5267	316	305	5888	209	5085	0	0	5521	5193	-1309	15066	0	15066	2578	17644	49.99
21	4950	208	296	5454	145	4931	0	0	5464	5116	-1293	14353	0	14353	2474	16827	49.99
22	4674	203	297	5174	124	4555	0	0	5211	5159	-1193	13819	0	13819	2282	16101	50.02
23	4609	203	297	5109	72	4528	0	0	4868	5173	-1018	13864	0	13864	2107	15971	49.98
24	4421	358	306	5085	51	4414	0	0	4804	4949	-907	13592	0	13592	1933	15525	49.94
MUs	120.16	11.70	7.17	139.03	5.88	119.34	0.00	2.81	132.45	134.30	-22.75	378.61	0.00	378.61	53.86	432.47	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 06/Feb/2018

Position as on 6.30 Hrs of 07/Feb/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	Koyna Unit 4	75	20/01/2018	08.50		Continued.	Thrust Bearing Temperature Problem, converted to COH w.e.f 25.01.2018	
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 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.	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
IPP	JSW (J) U2	300	01/12/2017	24.00		Continued.	no schedule.	
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	
MSPGCL	Parli Unit 7	250	03/12/2017	23.35		Continued.	Poor Coal Receipt.	
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	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage	
MSPGCL	Nasik Unit 5	210	06/01/2018	06.30		Continued.	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.	
MSPGCL	Uran Unit 8	108	17/01/2018	13.41		Continued.	vibration testing.	
IPP	RPL(AMT) U-2	270	19/01/2018	06.50		Continued.	Cooling Water Line Leakage (not available due	

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

Position as on 6.30 Hrs of 07/Feb/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							to coal shortage w.e.f 28.01.2018)	
MSPGCL	Paras Unit 3	250	21/01/2018	06.45		Continued.	Boiler Tube Leakage	
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.	
MSPGCL	Khaparkhedda Unit 2	210	02/02/2018	23.57		Continued.	poor coal receipt.	
MSPGCL	Khaparkhedda Unit 5	500	04/02/2018	20.54	07/02/2018	06.09	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	05/02/2018	20.08		Continued.	Gas shortage	

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

Statement-VII

Position as on 6.30 Hrs of 07/Feb/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	03/02/2018	18.10	06/02/2018	07.05	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	06/02/2018	09.00		Continued.	PO	Line Maint.work(RFC 17.00 Hrs)
Main Bus @ Taptitanda	IntraState	05/02/2018	10.01		Continued.	PO	Bus bar testing
karad -kolhapur-I	IntraState	05/02/2018	16.41	06/02/2018	09.36	HT	Over Voltage
Karad - Jaigad - II	IntraState	05/02/2018	16.43	06/02/2018	09.39	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	05/02/2018	17.51	06/02/2018	08.58	HT	Over Voltage
Taptitanda Waluj	IntraState	05/02/2018	19.42		Continued.	PO	Testing of Bus-bar
Akola - Bhusawal	IntraState	06/02/2018	09.58	06/02/2018	18.11	PO	Routine Maintenance Work
karad -kolhapur-II	IntraState	06/02/2018	18.06		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	06/02/2018	18.07		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	06/02/2018	18.17		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	06/02/2018	08.50	06/02/2018	19.31	PO	SF6 Gas Leakage
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.
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 II	IntraState	07/12/2017	12.23		Continued.	T	Distance Protection
Kalwa - Taloja	IntraState	23/01/2018	10.28		Continued.	PO	Bunching Arrangement At LOC No 665 For Tower Height Rising Work At Railway Crossing.
Apta - Kalwa	IntraState	23/01/2018	10.59		Continued.	PO	Bunching Arrangement At LOC No 665 For Tower Height Rising Work At Railway Crossing.
Wardha-Dhamangaon	IntraState	05/02/2018	10.45		Continued.	PO	Earth wire stringing work between LOC 144 to 150.
New Koyna - Loteparshuram	IntraState	06/02/2018	08.36	07/02/2018	02.19	PO	Wiring shifting of control panel in new C/R
Boisar II - Tarapur	IntraState	06/02/2018	08.59		Continued.	PO	Line Maintenance work
Nashik-Padgha	IntraState	06/02/2018	09.15	06/02/2018	16.40	PO	Line Maintenance work
Badnera Tss-Ii	IntraState	06/02/2018	09.42	06/02/2018	20.47	PO	Replacement of Line Isolator
Sawantwadi-Bidri	IntraState	06/02/2018	10.00	06/02/2018	18.43	PO	Insulator Washing
Mahad-Kandalgaon	IntraState	06/02/2018	10.00	06/02/2018	18.25	PO	Line Maintenance work
satara MIDC- Malharpeth	IntraState	06/02/2018	10.25	06/02/2018	14.00	PO	Line Maintenance work
Miraj - Mhaishal	IntraState	06/02/2018	10.55	06/02/2018	13.50	PO	Testing Work
Paranda-Barshi	IntraState	06/02/2018	11.03	06/02/2018	13.21	PO	Quarterly Maintainance Work
Kanhan-Umred 1	IntraState	06/02/2018	14.04	06/02/2018	16.33	PO	Tan Delta Measurment of CTs
Vita - Mhaishal	IntraState	06/02/2018	14.29	06/02/2018	16.09	PO	Testing Work
Jejuri- Ismt- Lonand	IntraState	07/02/2018	01.13	07/02/2018	01.37	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 06/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 07/Feb/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(Now 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 / 110 / 33 250 MVA ICT 2 @ Borivli(T)	IntraState	31/01/2018	10.40		Continued.	T	220 kv bus 2 fault.
220/132kv 100MVA ICT I @Satara Midc	IntraState	06/02/2018	14.40	06/02/2018	16.35	PO	Routine Maintenance Work
220/132 Kv 100 Mva Ibt Ptr @Old Gcr Parli	IntraState	06/02/2018	15.55	06/02/2018	18.52	PO	Attending Oil Leakage

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