

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	112.604	476.921	1) Gujrat	0.353	-0.975
2) Hydro	10.182	44.850	2) Madhya Pradesh	17.733	67.044
3) Gas	7.881	36.265	3) Chattisgarh	8.300	32.690
Total MSPGCL	130.667	558.036	4) Maharashtra Net	108.093	439.494
B) 1) APML	52.106	191.215	5) Goa (Amona)	-0.528	-2.574
2) JSWEL	17.130	69.520	Total	133.951	535.679
3) VIPL	6.154	23.878	a) Mumbai Schedule	18.553	89.128
4) RPL(AMT)	22.200	89.929	b) Mumbai Drawl	19.422	94.972
5) WPCL	3.934	16.098	c) MSEDCL Bilateral *	23.785	93.738
6) PGPL	0.000	0.000	Include PX	3.880	20.810
7) Other IPP	12.472	49.449	d) Mumbai Bilateral *	18.553	89.128
C) 1) TPCL Thermal	15.297	58.982	Include PX	7.902	40.799
2) TPCL Hydro	0.024	7.876	Include Standby	0.000	0.000
3) TPCL Gas	4.084	17.227	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.441	20.867	1) MSEDCL	368.114	1470.487
D) STATE			2) Mumbai Discoms	44.268	199.925
1) Thermal	247.338	996.859	TOTAL STATE	412.382	1670.412
(A1+C1+C4+(B1-B6))					
2) Hydro	10.206	52.726			
(A2+C2)					
3) Gas	11.965	53.492			
(A3+B6+C3)					
4) Wind	5.261	16.938			
6) SOLAR	3.661	14.717			
TOTAL STATE	278.431	1134.732			

* 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 24 Hrs
MSPGCL Thermal	5303	5300	4534	3695
MSPGCL Hydro	1092	720	298	151
MSPGCL Gas	279	286	430	369
MSPGCL Total Generation	6674	6306	5262	4215
Central Sector Receipt	6573	6628	5689	5294
WIND	162	165	296	417
CPP / IPP Thermal	5302	5221	4307	4119
CPP / IPP Gas	0	0	0	0
SOLAR	509	528	0	0
Exchange with Mumbai	-847	-851	-1009	-973
MSEDCL DEMAND MET	18373	17997	14545	13072
Load Shedding	0	0	0	0
MSEDCL DEMAND	18373	17997	14545	13072
TPCL GENERATION	906	903	875	676
R-INFRA GENERATION	253	251	250	193
MUMBAI DEMAND	2006	2005	2134	1842
STATE DEMAND MET	20379	20002	16679	14914
STATE DEMAND	20379	20002	16679	14914
Frequency (Hz)	50.00	49.99	49.98	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06.02 Hrs	49.8 Hz at 10.07 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 04/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	9.54	43.89	456	360
Unit 9	0.00	0.00	0	0
Unit 10	9.14	42.74	410	360
Total	18.67	86.63		
Bhusawal				
Unit 3	4.06	7.36	180	160
Unit 4	9.99	40.26	500	350
Unit 5	10.02	40.44	500	350
Total	24.08	88.07		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.15	21.11	250	189
Unit 7	0.00	0.00	0	0
Unit 8	4.40	20.29	253	0
Total	9.56	41.40		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	28.90	0	0
Unit 6	0.00	0.00	0	0
Unit 7	9.78	39.94	456	352
Unit 8	10.60	19.44	490	360
Unit 9	10.79	43.20	496	355
Total	31.17	131.48		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.27	21.52	254	188
Total	5.27	21.52		
Khaparkheda				
Unit 1	3.66	13.72	160	140
Unit 2	0.00	7.54	0	0
Unit 3	0.00	0.00	0	0
Unit 4	3.64	14.78	155	150
Unit 5	8.42	39.04	450	0
Total	15.72	75.08		
Nasik				
Unit 3	4.15	16.69	190	160
Unit 4	3.99	16.06	175	155
Unit 5	0.00	0.00	0	0
Total	8.14	32.74		
Uran				
All Units	7.88	36.26	450	254
Total	7.88	36.26		
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)	0.14	0.48	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.14	0.48		
Koyna				
Stage 1-2	3.12	10.60	365	40
Stage 4	1.18	9.71	250	0
Stage 3	0.84	4.80	160	0
Total	5.14	25.10		
Hydro				
KDPH	0.86	3.44	36	35
VTRNA	1.22	4.62	61	60
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	0.45	60	0
RNGR+BHTSA	0.38	1.45	16	15
BHANDARDRA	0.46	1.82	28	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	1.07	3.63	54	42
GHATGHAR	0.95	4.33	125	0
Total	5.05	19.75		
Wind				
Total	5.26	16.94	0	0
Total	5.26	16.94		
CPP				
APML(Mus)	52.11	191.22	0	0
JSWEL(Mus)	17.13	69.52	0	0
VIPL(Mus)	6.15	23.88	0	0
RPLAMT(Mus)	22.20	89.93	0	0
WPCL(Mus)	3.93	16.10	0	0
Other(Mus)	12.47	49.45	0	0
Total	114.00	440.09		
SOLAR				
Total	3.66	14.72	0	0
Total	3.66	14.72		
Tata				
Trombay 5	9.95	38.02	487	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.53	10.81	115	74
Trombay 7B	1.55	6.41	69	55
Trombay 8	5.35	20.96	239	199
TATA Hydro	0.02	7.88	24	0
Total	19.40	84.08		
R-INFRA				
DTPS U-1&2	5.44	20.87	253	193
Total	5.44	20.87		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	112.60	476.92	MSPGCL Total	130.67	558.04
			MSPGCL Thml+Gas	120.48	513.19	Koyna 1,2 & 4 Total	4.29	20.30
			MSPGCL Hydro	10.18	44.85	State Total	278.43	1134.73

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 04/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	4346	275	450	5071	204	4264	0	0	5066	4978	-870	13647	0	13647	1737	15384	50.01
2	4234	210	450	4894	214	4309	0	0	5188	4789	-747	13459	0	13459	1606	15065	50.01
3	4182	209	432	4823	214	4185	0	0	4837	4876	-662	13436	0	13436	1528	14964	50.00
4	4211	219	332	4762	236	4140	0	0	4701	4977	-594	13521	0	13521	1473	14994	49.99
5	4403	223	274	4900	198	4296	0	0	5011	5068	-601	13861	0	13861	1477	15338	49.98
6	4592	228	289	5109	189	4589	0	0	5321	5450	-675	14662	0	14662	1552	16214	50.02
7	5055	308	305	5668	224	5217	0	5	5443	5586	-585	16115	0	16115	1631	17746	50.03
8	5176	565	265	6006	289	5378	0	44	5854	5704	-545	16876	0	16876	1698	18574	49.98
9	5297	731	284	6312	138	5406	0	190	5808	5809	-655	17200	0	17200	1812	19012	49.96
10	5323	828	281	6432	151	5371	0	358	5868	5943	-772	17483	0	17483	1929	19412	49.98
11	5324	966	274	6564	175	5330	0	446	6080	6260	-829	17946	0	17946	1985	19931	49.96
12	5303	1092	279	6674	162	5302	0	509	6590	6573	-847	18373	0	18373	2006	20379	50.00
13	5300	720	286	6306	165	5221	0	528	6533	6628	-851	17997	0	17997	2005	20002	49.99
14	5216	698	260	6174	125	5222	0	508	6090	5982	-818	17193	0	17193	1975	19168	50.04
15	5162	674	254	6090	136	5231	0	464	6073	6012	-778	17155	0	17155	1937	19092	50.02
16	5178	536	275	5989	133	5203	0	347	6053	5928	-769	16831	0	16831	1927	18758	50.03
17	5151	267	288	5706	102	5149	0	213	5764	5569	-770	15969	0	15969	1926	17895	50.01
18	4610	220	337	5167	85	4648	0	48	5682	5414	-777	14585	0	14585	1934	16519	50.02
19	4442	316	370	5128	158	4218	0	1	5407	5611	-888	14228	0	14228	2043	16271	50.01
20	4534	298	430	5262	296	4307	0	0	5426	5689	-1009	14545	0	14545	2134	16679	49.98
21	4211	146	384	4741	336	4315	0	0	5429	5326	-1111	13607	0	13607	2107	15714	50.01
22	3922	151	356	4429	426	4320	0	0	5412	5288	-1200	13263	0	13263	2041	15304	50.03
23	3737	151	357	4245	488	4256	0	0	5273	5197	-1096	13090	0	13090	1963	15053	49.99
24	3695	151	369	4215	417	4119	0	0	5024	5294	-973	13072	0	13072	1842	14914	50.02
MUs	112.60	10.18	7.88	130.67	5.26	114.00	0.00	3.66	133.93	133.95	-19.42	368.11	0.00	368.11	44.27	412.38	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 04/Feb/2018

Position as on 6.30 Hrs of 05/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	
RINFRA-G	REL Unit 2	250	06/01/2018	00.46		Continued.	Annual Overhaul	
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 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.	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 04/Feb/2018

Position as on 6.30 Hrs of 05/Feb/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-2	270	19/01/2018	06.50		Continued.	Cooling Water Line Leakage (not available due 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	Khaparkheda Unit 2	210	02/02/2018	23.57		Continued.	poor coal receipt.	
MSPGCL	Chandrapur Unit 5	500	04/02/2018	00.01	05/02/2018	01.41	Water Shortage	
MSPGCL	Uran Unit 6	108	04/02/2018	03.16	04/02/2018	15.54	Filter Replacement work	
MSPGCL	Parli Unit 8	250	04/02/2018	19.58	05/02/2018	02.55	Drum level low	
MSPGCL	Khaparkheda Unit 5	500	04/02/2018	20.54		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 05/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		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	03/02/2018	18.03	04/02/2018	07.08	HT	Over Voltage
Karad - Jaigad - II	IntraState	03/02/2018	18.05	04/02/2018	10.25	HT	Over Voltage
karad -kolhapur-I	IntraState	03/02/2018	18.07	04/02/2018	10.57	HT	Over Voltage
Padghe - Kalwa-II	IntraState	04/02/2018	08.09	04/02/2018	22.14	PO	Insulator Replacement Work
Karad-Jaigad - I	IntraState	04/02/2018	17.19		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	04/02/2018	17.21		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	04/02/2018	17.35		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 315MVA ICT II @ Parli	IntraState	04/02/2018	15.27	04/02/2018	15.39	HT	Shifting From Bus I to Bus II
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.
Karad - Kadegaon	IntraState	03/02/2018	04.16	04/02/2018	05.24	T	Distance Protection
Sawantwadi-Bidri	IntraState	03/02/2018	08.50	04/02/2018	09.03	PO	INSULATOR CLEANING WORK.
Karad - Kadegaon	IntraState	04/02/2018	04.16	04/02/2018	05.24	T	Distance Protection
REL Borivali Aarey Line	IntraState	04/02/2018	05.22	04/02/2018	07.25	PO	JUMPER Connection work
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	04/02/2018	11.32	04/02/2018	12.41	EO	To attend Hot Spot
Karad - Kadegaon	IntraState	04/02/2018	20.37	05/02/2018	04.10	T	Distance Protection
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.
132 KV LINE Outages/Trippings							
Parli 2(Girwali)- Renapur	IntraState	04/02/2018	12.35	04/02/2018	17.20	T	Distance Protection

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