

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Feb/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.233	2170.450	1) Gujrat	0.962	7.928
2) Hydro	13.882	196.705	2) Madhya Pradesh	18.941	314.989
3) Gas	6.953	146.491	3) Chattisgarh	7.150	137.060
Total MSPGCL	149.068	2513.646	4) Maharashtra Net	94.066	1819.157
B) 1) APML	42.247	862.379	5) Goa (Amona)	-0.528	-12.364
2) JSWEL	17.033	313.178	Total	120.591	2266.770
3) VIPL	6.240	109.117	a) Mumbai Schedule	14.819	343.668
4) RPL(AMT)	22.463	399.085	b) Mumbai Drawl	17.472	390.917
5) WPCL	4.006	75.563	c) MSEDCL Bilateral *	20.481	362.948
6) PGPL	0.000	0.000	Include PX	2.456	37.395
7) Other IPP	11.800	220.388	d) Mumbai Bilateral *	14.819	339.855
C) 1) TPCL Thermal	12.154	254.033	Include PX	3.960	119.016
2) TPCL Hydro	1.217	52.586	Include Standby	0.000	3.813
3) TPCL Gas	4.249	68.295	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.416	153.661	1) MSEDCL	364.403	6538.534
D) STATE			2) Mumbai Discoms	45.508	919.501
1) Thermal	254.592	4557.854	TOTAL STATE	409.911	7458.035
(A1+C1+C4+(B1-B6))					
2) Hydro	15.099	249.291			
(A2+C2)					
3) Gas	11.202	214.786			
(A3+B6+C3)					
4) Wind	4.600	110.102			
6) SOLAR	3.827	59.223			
TOTAL STATE	289.320	5191.256			

* 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	5620	5606	5009	5180
MSPGCL Hydro	1548	1250	792	177
MSPGCL Gas	274	272	322	282
MSPGCL Total Generation	7442	7128	6123	5639
Central Sector Receipt	5825	5551	5192	4114
WIND	123	125	267	239
CPP / IPP Thermal	4641	4628	3884	3937
CPP / IPP Gas	0	0	0	0
SOLAR	541	537	0	0
Exchange with Mumbai	-707	-816	-1065	-487
MSEDCL DEMAND MET	17865	17153	14401	13442
Load Shedding	0	0	0	0
MSEDCL DEMAND	17865	17153	14401	13442
TPCL GENERATION	866	803	690	682
R-INFRA GENERATION	503	503	377	377
MUMBAI DEMAND	2076	2122	2132	1546
STATE DEMAND MET	19941	19275	16533	14988
STATE DEMAND	19941	19275	16533	14988
Frequency (Hz)	49.98	49.99	49.99	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 12:00 Hrs	49.82 Hz at 04:09 Hrs	49.99	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 18/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	11.90	208.23	611	330
Unit 9	0.00	0.00	0	0
Unit 10	13.39	215.71	605	460
Total	25.29	423.94		
Bhusawal				
Unit 3	0.00	45.95	0	0
Unit 4	10.12	181.53	500	350
Unit 5	9.78	181.74	475	355
Total	19.90	409.22		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.18	92.64	250	185
Unit 7	0.00	0.00	0	0
Unit 8	5.06	90.75	245	183
Total	10.25	183.39		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	1.27	119.55	351	0
Unit 6	0.00	0.00	0	0
Unit 7	10.60	178.53	450	433
Unit 8	10.91	104.32	500	240
Unit 9	11.44	193.29	499	450
Total	34.22	595.68		
Paras				
Unit 3	6.01	36.76	255	247
Unit 4	6.03	99.21	255	250
Total	12.03	135.97		
Khaparkheda				
Unit 1	0.00	45.88	0	0
Unit 2	3.77	32.46	165	150
Unit 3	0.00	0.00	0	0
Unit 4	3.76	66.93	162	150
Unit 5	10.76	130.44	470	426
Total	18.29	275.70		
Nasik				
Unit 3	4.24	74.66	190	161
Unit 4	4.02	71.89	177	152
Unit 5	0.00	0.00	0	0
Total	8.26	146.55		
Uran				
All Units	6.95	146.49	349	261
Total	6.95	146.49		
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)	0.11	1.59	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.11	1.59		
Koyna				
Stage 1-2	2.02	45.32	315	20
Stage 4	6.02	48.72	750	0
Stage 3	1.94	21.16	240	0
Total	9.98	115.20		
Hydro				
KDPH	0.86	12.64	36	36
VTRNA	1.03	20.29	61	0
TILLARI	0.00	0.39	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	2.56	80	0
RNGR+BHTSA	0.37	6.27	16	15
BHANDARDRA	0.00	6.32	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.45	14.34	19	18
GHATGHAR	1.03	18.70	125	0
Total	3.90	81.51		
Wind				
Total	4.60	110.10	0	0
Total	4.60	110.10		
CPP				
APML(Mus)	42.25	862.38	0	0
JSWEL(Mus)	17.03	313.18	0	0
VIPL(Mus)	6.24	109.12	0	0
RPLAMT(Mus)	22.46	399.08	0	0
WPCL(Mus)	4.01	75.56	0	0
Other(Mus)	11.80	220.39	0	0
Total	103.79	1979.71		
SOLAR				
Total	3.83	59.22	0	0
Total	3.83	59.22		
Tata				
Trombay 5	6.97	160.97	483	198
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.66	41.64	115	85
Trombay 7B	1.58	26.66	68	57
Trombay 8	5.18	93.06	240	195
TATA Hydro	1.22	52.59	136	0
Total	17.62	374.91		
R-INFRA				
DTPS U-1&2	10.42	153.66	505	375
Total	10.42	153.66		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.23	2170.45	MSPGCL Total	149.07	2513.65
			MSPGCL Thml+Gas	135.19	2316.94	Koyna 1,2 & 4 Total	8.04	94.04
			MSPGCL Hydro	13.88	196.70	State Total	289.32	5191.26

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	5198	182	279	5659	169	4229	0	0	4427	4605	-702	13960	0	13960	1771	15731	49.96
2	5224	171	280	5675	169	4209	0	0	4368	4146	-606	13593	0	13593	1660	15253	49.94
3	5248	187	280	5715	224	4134	0	0	4389	4118	-536	13655	0	13655	1593	15248	49.97
4	5180	177	282	5639	239	3937	0	0	4420	4114	-487	13442	0	13442	1546	14988	49.96
5	5085	186	282	5553	243	3952	0	0	4440	4674	-477	13945	0	13945	1535	15480	49.94
6	5283	176	282	5741	286	4227	0	0	4637	4871	-540	14585	0	14585	1597	16182	49.99
7	5585	307	283	6175	327	4590	0	0	5137	5292	-381	16003	0	16003	1611	17614	49.99
8	5621	996	283	6900	243	4702	0	63	5231	5167	-393	16682	0	16682	1753	18435	50.02
9	5698	1070	292	7060	110	4813	0	211	4964	5072	-424	16842	0	16842	1895	18737	49.98
10	5654	1007	278	6939	120	4653	0	356	5301	5342	-550	16860	0	16860	1954	18814	49.98
11	5623	1424	266	7313	126	4632	0	458	5459	5607	-666	17470	0	17470	2051	19521	49.97
12	5620	1548	274	7442	123	4641	0	541	5880	5825	-707	17865	0	17865	2076	19941	49.98
13	5606	1250	272	7128	125	4628	0	537	5717	5551	-816	17153	0	17153	2122	19275	49.99
14	5596	1143	261	7000	130	4668	0	528	5252	5287	-809	16804	0	16804	2065	18869	50.04
15	5570	801	272	6643	130	4662	0	461	5225	5443	-774	16565	0	16565	2042	18607	50.02
16	5579	812	262	6653	160	4687	0	367	5211	5354	-762	16459	0	16459	2019	18478	50.01
17	5598	437	273	6308	158	4677	0	232	5207	5360	-742	15993	0	15993	1985	17978	50.01
18	5344	89	265	5698	236	4360	0	73	5151	4806	-880	14293	0	14293	1975	16268	50.02
19	5011	140	292	5443	250	3924	0	0	4936	5094	-982	13729	0	13729	2052	15781	49.98
20	5009	792	322	6123	267	3884	0	0	4914	5192	-1065	14401	0	14401	2132	16533	49.99
21	4997	322	349	5668	239	3895	0	0	4828	4947	-1059	13690	0	13690	2128	15818	49.95
22	4960	235	342	5537	148	3884	0	0	4852	5164	-1082	13651	0	13651	2068	15719	50.00
23	4971	240	340	5551	185	3900	0	0	4609	4935	-1064	13507	0	13507	1982	15489	49.98
24	4973	190	342	5505	193	3897	0	0	4538	4625	-968	13252	0	13252	1896	15148	49.98
MUs	128.23	13.88	6.95	149.07	4.60	103.79	0.00	3.83	119.09	120.59	-17.47	364.40	0.00	364.40	45.51	409.91	49.99

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 18/Feb/2018

Position as on 6.30 Hrs of 19/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	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	75	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.	
MSPGCL	Khaparkhedha 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	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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/Feb/2018

Position as on 6.30 Hrs of 19/Feb/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
IPP	Adani U-4	660	12/02/2018	07.24		Continued.	Governing valve abnormal sound	
MSPGCL	Khaparkheda Unit 1	210	13/02/2018	15.52		Continued.	Poor Coal Receipt	
MSPGCL	Bhusawal Unit 3	210	14/02/2018	02.45		Continued.	Poor Coal Receipt.	
MSPGCL	Koyana Unit 3	75	17/02/2018	11.35		Continued.	Outage on main bus-1	
MSPGCL	Koyana Unit 1	75	17/02/2018	11.40		Continued.	Outage on main bus-1	
MSPGCL	Koyana Unit 2	75	17/02/2018	11.55		Continued.	Outage on main bus-1	
MSPGCL	Uran Unit A0	120	17/02/2018	22.30	18/02/2018	23.45	Boiler Validity Renevoation	
MSPGCL	Uran Unit 5	108	17/02/2018	22.30	18/02/2018	17.57	Boiler Validity Renevoation	
MSPGCL	Chandrapur Unit 5	500	18/02/2018	04.00		Continued.	Water Shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 19/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	15/02/2018	08.25		Continued.	PO	at Gujrat end.RFC 18.13 hrs.
Khadka-Aurangabad (Waluj)	IntraState	17/02/2018	18.27	18/02/2018	10.29	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	18/02/2018	17.28		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	18/02/2018	18.13		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	18/02/2018	18.14		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	08/02/2018	21.01		Continued.	EO	due to negative dga report.
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	15/02/2018	14.28		Continued.	PO	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)
Nerul - Sonkhar	IntraState	11/02/2018	06.34		Continued.	PO	Reorientation work
Kharghar Trombay	IntraState	11/02/2018	07.38		Continued.	PO	Reorientation work
Kandalgaon - Koyna	IntraState	17/02/2018	11.30		Continued.	PO	Outage on main bus-1
Pophali - Kdph	IntraState	17/02/2018	11.50		Continued.	PO	Outage on main bus-1
Bus Section II @ Pophali	IntraState	18/02/2018	13.15	18/02/2018	21.50	PO	Earthwire work
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)

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