

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Feb/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.523	2816.790	1) Gujrat	0.618	13.610
2) Hydro	14.146	302.620	2) Madhya Pradesh	18.130	402.881
3) Gas	9.737	191.818	3) Chattisgarh	6.580	170.030
Total MSPGCL	154.406	3311.228	4) Maharashtra Net	116.479	2338.685
B) 1) APML	42.845	1086.318	5) Goa (Amona)	-0.572	-15.488
2) JSWEL	11.240	381.646	Total	141.235	2909.718
3) VIPL	6.592	143.395	a) Mumbai Schedule	18.562	439.595
4) RPL(AMT)	26.919	525.234	b) Mumbai Drawl	22.157	495.241
5) WPCL	4.120	97.242	c) MSEDCL Bilateral *	28.155	491.827
6) PGPL	0.000	0.000	Include PX	12.075	79.190
7) Other IPP	11.145	277.791	d) Mumbai Bilateral *	18.562	435.782
C) 1) TPCL Thermal	14.976	326.618	Include PX	6.794	151.087
2) TPCL Hydro	5.327	78.900	Include Standby	0.000	3.813
3) TPCL Gas	4.232	88.890	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.712	210.018	1) MSEDCL	383.785	8443.974
D) STATE			2) Mumbai Discoms	57.404	1199.676
1) Thermal	259.072	5865.052	TOTAL STATE	441.189	9643.650
(A1+C1+C4+(B1-B6))					
2) Hydro	19.473	381.520			
(A2+C2)					
3) Gas	13.969	280.708			
(A3+B6+C3)					
4) Wind	4.025	130.095			
6) SOLAR	3.415	76.548			
TOTAL STATE	299.954	6733.923			

* 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	5466	5463	5275	5605
MSPGCL Hydro	948	569	946	129
MSPGCL Gas	384	401	398	416
MSPGCL Total Generation	6798	6433	6619	6150
Central Sector Receipt	7180	7260	5310	4655
WIND	201	194	234	80
CPP / IPP Thermal	4398	4277	4276	4207
CPP / IPP Gas	0	0	0	0
SOLAR	499	490	0	0
Exchange with Mumbai	-1244	-1265	-1190	-603
MSEDCL DEMAND MET	17832	17389	15249	14489
Load Shedding	0	0	0	0
MSEDCL DEMAND	17832	17389	15249	14489
TPCL GENERATION	1248	1185	1131	670
R-INFRA GENERATION	501	500	376	375
MUMBAI DEMAND	2993	2950	2697	1648
STATE DEMAND MET	20825	20339	17946	16137
STATE DEMAND	20825	20339	17946	16137
Frequency (Hz)	49.94	49.97	49.95	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06.01 Hrs	49.71 Hz at 06.42 Hrs	49.95	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 23/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	10.24	265.80	506	386
Unit 9	0.00	0.00	0	0
Unit 10	15.12	286.09	673	450
Total	25.36	551.89		
Bhusawal				
Unit 3	0.00	45.95	0	0
Unit 4	11.58	238.22	490	470
Unit 5	11.44	238.55	500	450
Total	23.02	522.71		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.81	105.66	250	186
Unit 7	0.00	6.53	0	0
Unit 8	5.80	118.98	249	227
Total	11.62	231.18		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.05	138.29	470	451
Unit 6	0.00	0.00	0	0
Unit 7	0.00	215.98	0	0
Unit 8	10.88	161.65	487	430
Unit 9	9.94	248.48	490	258
Total	31.87	764.40		
Paras				
Unit 3	5.98	66.67	250	244
Unit 4	5.95	128.96	252	230
Total	11.93	195.64		
Khaparkheda				
Unit 1	3.85	59.04	165	155
Unit 2	0.00	43.86	0	0
Unit 3	3.95	5.05	183	149
Unit 4	0.00	70.75	0	0
Unit 5	10.59	183.53	495	406
Total	18.39	362.24		
Nasik				
Unit 3	4.28	96.34	190	159
Unit 4	4.06	92.39	176	159
Unit 5	0.00	0.00	0	0
Total	8.34	188.74		
Uran				
All Units	9.74	191.82	419	381
Total	9.74	191.82		
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)	0.06	1.94	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	1.94		
Koyna				
Stage 1-2	4.21	70.46	475	40
Stage 4	4.90	95.09	620	0
Stage 3	1.90	36.24	160	0
Total	11.01	201.80		
Hydro				
KDPH	0.86	16.95	36	36
VTRNA	1.02	26.16	61	0
TILLARI	0.00	0.39	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	4.07	80	0
RNGR+BHTSA	0.33	8.06	14	13
BHANDARDRA	0.00	6.32	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.50	16.96	21	20
GHATGHAR	0.16	21.93	125	0
Total	3.13	100.82		
Wind				
Total	4.02	130.10	0	0
Total	4.02	130.10		
CPP				
APML(Mus)	42.84	1086.32	0	0
JSWEL(Mus)	11.24	381.65	0	0
VIPL(Mus)	6.59	143.40	0	0
RPLAMT(Mus)	26.92	525.23	0	0
WPCL(Mus)	4.12	97.24	0	0
Other(Mus)	11.14	277.79	0	0
Total	102.86	2511.63		
SOLAR				
Total	3.42	76.55	0	0
Total	3.42	76.55		
Tata				
Trombay 5	9.64	206.52	487	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.66	54.63	115	101
Trombay 7B	1.58	34.26	67	62
Trombay 8	5.34	120.09	246	199
TATA Hydro	5.33	78.90	434	0
Total	24.54	494.41		
R-INFRA				
DTPS U-1&2	10.71	210.02	504	373
Total	10.71	210.02		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.52	2816.79	MSPGCL Total	154.41	3311.23
			MSPGCL Thml+Gas	140.26	3008.61	Koyna 1,2 & 4 Total	9.11	165.56
			MSPGCL Hydro	14.15	302.62	State Total	299.95	6733.92

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 23/Feb/2018

Annexure-2

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	5521	175	414	6110	69	4311	0	0	5122	4994	-826	14658	0	14658	1950	16608	49.93
2	5548	170	415	6133	76	4263	0	0	5022	4849	-739	14582	0	14582	1796	16378	49.97
3	5562	180	416	6158	77	4200	0	0	4885	4714	-661	14488	0	14488	1704	16192	49.97
4	5605	129	416	6150	80	4207	0	0	4799	4655	-603	14489	0	14489	1648	16137	49.95
5	5629	116	418	6163	136	4187	0	0	4949	5057	-575	14968	0	14968	1649	16617	49.94
6	5574	369	408	6351	143	4271	0	0	5235	5588	-535	15818	0	15818	1777	17595	49.90
7	5523	1148	418	7089	106	4273	0	3	6048	6474	-541	17404	0	17404	1958	19362	49.90
8	5492	1184	419	7095	131	4439	0	49	6231	6481	-423	17772	0	17772	2143	19915	49.94
9	5510	895	409	6814	147	4414	0	175	6193	6483	-618	17415	0	17415	2413	19828	49.94
10	5525	808	413	6746	262	4416	0	325	6013	6314	-903	17160	0	17160	2730	19890	49.94
11	5478	1001	408	6887	190	4401	0	433	6460	6819	-1123	17607	0	17607	2956	20563	49.94
12	5466	948	384	6798	201	4398	0	499	6917	7180	-1244	17832	0	17832	2993	20825	49.94
13	5463	569	401	6433	194	4277	0	490	7014	7260	-1265	17389	0	17389	2950	20339	49.97
14	5388	557	389	6334	133	4262	0	464	6459	7224	-1138	17279	0	17279	2827	20106	50.01
15	5339	932	381	6652	120	4250	0	425	6468	7127	-1175	17399	0	17399	2839	20238	49.98
16	5423	1155	399	6977	136	4277	0	311	6492	6698	-1170	17229	0	17229	2835	20064	49.93
17	5304	1079	392	6775	111	4277	0	188	6261	6520	-1152	16719	0	16719	2830	19549	49.93
18	5329	686	404	6419	133	4274	0	53	5553	5472	-1059	15292	0	15292	2771	18063	49.99
19	5335	238	397	5970	154	4234	0	0	5529	5520	-1189	14689	0	14689	2705	17394	49.92
20	5275	946	398	6619	234	4276	0	0	5197	5310	-1190	15249	0	15249	2697	17946	49.95
21	5355	329	410	6094	311	4306	0	0	4911	5060	-1056	14715	0	14715	2565	17280	49.95
22	5306	174	412	5892	380	4203	0	0	5118	5137	-1052	14560	0	14560	2370	16930	49.99
23	5300	179	412	5891	317	4239	0	0	5081	4899	-1013	14333	0	14333	2212	16545	49.94
24	5273	179	404	5856	184	4206	0	0	5086	5400	-907	14739	0	14739	2086	16825	49.95
MUs	130.52	14.15	9.74	154.41	4.03	102.86	0.00	3.41	137.04	141.23	-22.16	383.79	0.00	383.79	57.40	441.19	49.95

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 23/Feb/2018

Position as on 6.30 Hrs of 24/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	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 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.	
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	
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.	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/Feb/2018

Position as on 6.30 Hrs of 24/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-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)	
MSPGCL	Bhusawal Unit 3	210	14/02/2018	02.45		Continued.	Poor Coal Receipt.	
MSPGCL	Khaparkheda Unit 4	210	19/02/2018	23.34		Continued.	Turbine bearing Vabration high	
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
MSPGCL	Parli Unit 7	250	21/02/2018	01.52		Continued.	Due To Drum Level Low.	
MSPGCL	Khaparkheda Unit 2	210	21/02/2018	17.27		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 7	500	22/02/2018	14.07		Continued.	for attending damaged conductor of gtr bushing.	
MSPGCL	Uran Unit 7	108	24/02/2018	01.02		Continued.	filter replacement.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 24/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	22/02/2018	17.01	23/02/2018	07.18	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	23/02/2018	16.21	24/02/2018	06.39	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	20/02/2018	16.44	23/02/2018	06.42	HT	Over Voltage (21.02.2018. 07:45 Line Maintenance Work)
Karad-Jaigad - I	IntraState	22/02/2018	17.04		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	23/02/2018	15.02	23/02/2018	16.47	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	23/02/2018	16.36	24/02/2018	06.44	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/11.5 kV 90MVA STN T/F-IV @ Chandrapur	IntraState	22/02/2018	16.34		Continued.	PO	oil filtration.
400 KV 315MVA ICT-II @ Boisar(PG)	IntraState	23/02/2018	10.01	23/02/2018	16.29	PO	Routine Maintenance Work
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	23/02/2018	10.28	23/02/2018	19.41	PO	painting work.
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	23/02/2018	12.46	23/02/2018	15.19	PO	for air venting 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)
Urse-Chinchwad	IntraState	22/02/2018	12.15	23/02/2018	19.05	PO	shifted on tbc.
Colourchem - Temghar	IntraState	23/02/2018	09.10	23/02/2018	11.55	PO	Testing Work
Boisar Versova Line	IntraState	23/02/2018	09.35	23/02/2018	13.27	HT	controlling line loading of bhoiser pg s/s.
Abhijeet-Wardha-I	IntraState	23/02/2018	10.07	23/02/2018	12.02	T	Distance Protection
Abhijeet-Wardha-II	IntraState	23/02/2018	10.07	23/02/2018	12.02	T	Distance Protection
Padghe - Jambhul 2	IntraState	23/02/2018	10.08	23/02/2018	18.35	PO	Testing Work
Ongc Panvel - Tss Panvel	IntraState	23/02/2018	10.35	23/02/2018	15.10	PO	Routine Maintenance Work
Chalisgaon - Deepnagar	IntraState	23/02/2018	10.39	23/02/2018	15.03	PO	Line Maintenance work
Sawantwadi-Bidri	IntraState	23/02/2018	11.30	23/02/2018	15.01	T	Distance Protection
Umred-Virangana 1	IntraState	23/02/2018	12.05	23/02/2018	16.51	PO	Tan Delta Measurment of CTs
Ambazari-Abhijeet	IntraState	23/02/2018	12.22	23/02/2018	15.11	PO	Tan Delta Measurment of CTs
Padegaon-Sawangi	IntraState	23/02/2018	14.33	23/02/2018	21.30	PO	Testing Work
Temghar - Kalwa	IntraState	23/02/2018	14.40	23/02/2018	17.19	PO	Routine Maintenance Work
REL Borivali MSETCL Borivali Line-1	IntraState	23/02/2018	14.55	23/02/2018	16.05	PO	Relay Testing Work.
REL Borivali MSETCL Borivali Line-2	IntraState	23/02/2018	16.15	23/02/2018	18.25	PO	Relay Testing Work.
REL Borivali TPC Borivali line	IntraState	24/02/2018	00.48	24/02/2018	06.22	PO	metro work.
220 KV ICT Outages/Trippings							

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 23/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 24/Feb/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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)
220/132kv 200mva Vijai Ptr 1 @Lonand	IntraState	23/02/2018	09.36	23/02/2018	17.10	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Beed (220kv) - Georai	IntraState	23/02/2018	14.28	23/02/2018	17.22	PO	Line Maintenance work
100 KV LINE Outages/Trippings							
Borivali II - TATA II	IntraState	23/02/2018	09.35	23/02/2018	17.02	PO	tree trimming work.

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