

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Feb/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.633	2950.423	1) Gujrat	-0.787	12.823
2) Hydro	16.593	319.213	2) Madhya Pradesh	18.594	421.475
3) Gas	6.210	198.028	3) Chattisgarh	6.570	176.600
Total MSPGCL	156.436	3467.664	4) Maharashtra Net	116.470	2455.155
B) 1) APML	39.436	1125.754	5) Goa (Amona)	-0.440	-15.928
2) JSWEL	11.825	393.471	Total	140.407	3050.125
3) VIPL	6.632	150.027	a) Mumbai Schedule	17.566	457.161
4) RPL(AMT)	25.398	550.632	b) Mumbai Drawl	21.126	516.367
5) WPCL	4.245	101.487	c) MSEDCL Bilateral *	28.725	520.553
6) PGPL	0.000	0.000	Include PX	12.369	91.560
7) Other IPP	11.808	289.599	d) Mumbai Bilateral *	17.566	453.348
C) 1) TPCL Thermal	14.906	341.524	Include PX	6.014	157.101
2) TPCL Hydro	3.621	82.521	Include Standby	0.000	3.813
3) TPCL Gas	3.843	92.733	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.613	220.631	1) MSEDCL	386.886	8830.860
D) STATE			2) Mumbai Discoms	54.109	1253.785
1) Thermal	258.496	6123.548	TOTAL STATE	440.995	10084.645
(A1+C1+C4+(B1-B6))					
2) Hydro	20.214	401.734			
(A2+C2)					
3) Gas	10.053	290.761			
(A3+B6+C3)					
4) Wind	8.298	138.393			
6) SOLAR	3.527	80.075			
TOTAL STATE	300.588	7034.511			

* 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	5627	5628	5551	5565
MSPGCL Hydro	1520	1464	803	174
MSPGCL Gas	253	240	254	260
MSPGCL Total Generation	7400	7332	6608	5999
Central Sector Receipt	6644	6866	5248	4767
WIND	253	218	540	439
CPP / IPP Thermal	4290	4249	4236	3709
CPP / IPP Gas	0	0	0	0
SOLAR	489	521	0	0
Exchange with Mumbai	-942	-1050	-1194	-563
MSEDCL DEMAND MET	18135	18136	15438	14351
Load Shedding	0	0	0	0
MSEDCL DEMAND	18135	18136	15438	14351
TPCL GENERATION	1261	1141	1064	682
R-INFRA GENERATION	500	501	376	373
MUMBAI DEMAND	2703	2692	2634	1618
STATE DEMAND MET	20838	20828	18072	15969
STATE DEMAND	20838	20828	18072	15969
Frequency (Hz)	49.95	49.98	49.97	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 06.01 Hrs	49.81 Hz at 14.31 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 24/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	13.07	278.87	582	460
Unit 9	0.00	0.00	0	0
Unit 10	14.30	300.40	660	510
Total	27.37	579.27		
Bhusawal				
Unit 3	0.00	45.95	0	0
Unit 4	11.72	249.94	500	480
Unit 5	11.76	250.31	495	480
Total	23.48	546.20		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.59	111.25	250	191
Unit 7	0.00	6.53	0	0
Unit 8	5.83	124.81	250	212
Total	11.42	242.60		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.81	149.10	465	430
Unit 6	0.00	0.00	0	0
Unit 7	0.00	215.98	0	0
Unit 8	11.48	173.13	494	448
Unit 9	10.61	259.09	494	258
Total	32.91	797.31		
Paras				
Unit 3	5.86	72.53	252	224
Unit 4	5.85	134.81	253	225
Total	11.70	207.34		
Khaparkheda				
Unit 1	3.77	62.82	165	140
Unit 2	0.00	43.86	0	0
Unit 3	4.46	9.51	190	182
Unit 4	0.00	70.75	0	0
Unit 5	10.08	193.62	445	400
Total	18.31	380.54		
Nasik				
Unit 3	4.34	100.69	195	162
Unit 4	4.09	96.48	179	161
Unit 5	0.00	0.00	0	0
Total	8.44	197.17		
Uran				
All Units	6.21	198.03	366	239
Total	6.21	198.03		
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)	0.04	1.97	21	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	1.97		
Koyna				
Stage 1-2	4.62	75.09	480	40
Stage 4	6.37	101.46	893	0
Stage 3	2.27	38.51	240	0
Total	13.26	215.06		
Hydro				
KDPH	0.86	17.81	36	36
VTRNA	1.03	27.18	61	0
TILLARI	0.00	0.39	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	4.22	80	0
RNGR+BHTSA	0.33	8.38	14	13
BHANDARDRA	0.00	6.32	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.56	17.52	24	23
GHATGHAR	0.39	22.32	125	0
Total	3.33	104.15		
Wind				
Total	8.30	138.39	0	0
Total	8.30	138.39		
CPP				
APML(Mus)	39.44	1125.75	0	0
JSWEL(Mus)	11.82	393.47	0	0
VIPL(Mus)	6.63	150.03	0	0
RPLAMT(Mus)	25.40	550.63	0	0
WPCL(Mus)	4.24	101.49	0	0
Other(Mus)	11.81	289.60	0	0
Total	99.34	2610.97		
SOLAR				
Total	3.53	80.08	0	0
Total	3.53	80.08		
Tata				
Trombay 5	9.56	216.08	490	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.36	56.99	116	82
Trombay 7B	1.48	35.74	67	57
Trombay 8	5.35	125.44	245	200
TATA Hydro	3.62	82.52	404	0
Total	22.37	516.78		
R-INFRA				
DTPS U-1&2	10.61	220.63	504	373
Total	10.61	220.63		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.63	2950.42	MSPGCL Total	156.44	3467.66
			MSPGCL Thml+Gas	139.84	3148.45	Koyna 1,2 & 4 Total	10.99	176.55
			MSPGCL Hydro	16.59	319.21	State Total	300.59	7034.51

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	5382	385	366	6133	158	4121	0	0	5062	5334	-856	14890	0	14890	1913	16803	49.94
2	5407	175	259	5841	324	4168	0	0	5086	4916	-698	14551	0	14551	1764	16315	49.93
3	5420	175	259	5854	376	3938	0	0	4966	4836	-614	14390	0	14390	1671	16061	49.97
4	5565	174	260	5999	439	3709	0	0	4814	4767	-563	14351	0	14351	1618	15969	49.97
5	5593	179	260	6032	451	3825	0	0	4984	5095	-542	14861	0	14861	1608	16469	50.00
6	5715	190	250	6155	489	4121	0	0	5311	5260	-459	15566	0	15566	1721	17287	50.00
7	5723	293	259	6275	491	4247	0	3	6019	6343	-475	16884	0	16884	1835	18719	49.97
8	5727	481	261	6469	474	4347	0	49	6199	6668	-364	17643	0	17643	1970	19613	49.98
9	5695	394	259	6348	399	4331	0	194	6115	6558	-542	17288	0	17288	2171	19459	49.99
10	5624	1170	247	7041	401	4310	0	327	5996	6045	-725	17399	0	17399	2452	19851	49.96
11	5640	1190	264	7094	326	4295	0	430	6275	6294	-886	17553	0	17553	2642	20195	49.94
12	5627	1520	253	7400	253	4290	0	489	6471	6644	-942	18135	0	18135	2703	20838	49.95
13	5628	1464	240	7332	218	4249	0	521	6607	6866	-1050	18136	0	18136	2692	20828	49.98
14	5622	1187	250	7059	199	4197	0	489	6697	6798	-1024	17718	0	17718	2558	20276	49.97
15	5592	1340	259	7191	203	4233	0	432	6712	6658	-1049	17668	0	17668	2582	20250	49.89
16	5584	1442	239	7265	190	4186	0	333	6732	6772	-1085	17661	0	17661	2605	20266	49.96
17	5572	1353	251	7176	172	4311	0	202	6136	6288	-1033	17116	0	17116	2573	19689	49.93
18	5556	1038	252	6846	292	4220	0	58	5497	5512	-1026	15902	0	15902	2533	18435	49.97
19	5495	437	253	6185	438	4133	0	0	5544	5258	-1277	14737	0	14737	2575	17312	49.97
20	5551	803	254	6608	540	4236	0	0	5373	5248	-1194	15438	0	15438	2634	18072	49.97
21	5530	334	255	6119	532	4183	0	0	5307	5192	-1222	14804	0	14804	2515	17319	49.97
22	5463	253	257	5973	421	3772	0	0	5511	5730	-1256	14640	0	14640	2409	17049	49.95
23	5420	378	246	6044	260	3852	0	0	5349	5643	-1150	14649	0	14649	2235	16884	49.96
24	5502	238	257	5997	252	4069	0	0	5397	5682	-1094	14906	0	14906	2130	17036	50.00
MUs	133.63	16.59	6.21	156.44	8.30	99.34	0.00	3.53	138.16	140.41	-21.13	386.89	0.00	386.89	54.11	441.00	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 24/Feb/2018

Position as on 6.30 Hrs of 25/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 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	
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 24/Feb/2018

Position as on 6.30 Hrs of 25/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	25/02/2018	02.39	filter replacement.	
MSPGCL	Uran Unit 5	108	25/02/2018	11.11		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	25/02/2018	11.11		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 25/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 II	InterState	23/02/2018	16.21	24/02/2018	06.39	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	24/02/2018	17.08	25/02/2018	07.01	HT	Over Voltage
Parli (Pg) Wardha (Pg) I	InterState	25/02/2018	10.46	25/02/2018	20.31	PO	Powergrid work
Parli (Pg) Wardha (Pg) li	InterState	25/02/2018	10.54	25/02/2018	20.34	PO	Powergrid work
Dhule Sar'Sarovar II	InterState	25/02/2018	17.24		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	22/02/2018	17.04	24/02/2018	10.16	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	23/02/2018	16.36	24/02/2018	06.44	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	24/02/2018	13.04	24/02/2018	14.06	T	DP, Z-2, D-161KM, B-E, IB 2.24KAMP.
Padghe - Nagothane - II	IntraState	24/02/2018	14.53	24/02/2018	17.26	EO	CT CORE CABLE WORK.
Ektuni-Bableshwar ckt I	IntraState	24/02/2018	15.05	24/02/2018	15.58	HT	DUE TO SPARKING ON ISOLATOR.
Khadka-Aurangabad (Waluj)	IntraState	24/02/2018	16.55	25/02/2018	06.38	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/02/2018	19.26		Continued.	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	25/02/2018	10.02	25/02/2018	16.34	PO	Line Maintenance work
Khadka-Aurangabad (Waluj)	IntraState	25/02/2018	17.07		Continued.	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.
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	24/02/2018	09.02	24/02/2018	19.55	PO	PAINTING WORK.
400/220/33kv 315MVA ICT2 @Lonikand	IntraState	24/02/2018	11.51	24/02/2018	13.54	PO	Attending Hot Spot
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	25/02/2018	17.14		Continued.	T	NDR protection operated
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.
Mahalakshmi Amona	InterState	24/02/2018	18.29	24/02/2018	19.48	T	TRIPPED AT AMONA END.
Tillari Amona	InterState	24/02/2018	18.29		Continued.	T	Distance Protection
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)
REL Borivali TPC Borivali line	IntraState	24/02/2018	00.48	24/02/2018	06.22	PO	metro work.
Apta - Kalwa	IntraState	24/02/2018	06.12	24/02/2018	07.59	HT	DUE TO FIRE NEAR LINE.
Kharghar-Borivali ckt I	IntraState	24/02/2018	06.54	24/02/2018	21.28	PO	C.T.Replacement work
Kharghar-Sonkhar	IntraState	24/02/2018	07.39	24/02/2018	21.10	PO	line strengthening work
Bombay Dyeing - Sahara	IntraState	24/02/2018	12.21	24/02/2018	17.43	PO	TREE TRIMING WORK.
Kandalgaon - Koyna	IntraState	24/02/2018	13.50	24/02/2018	02.24	T	TRIPPED AT PHOPALI END ONLY.

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 24/Feb/2018

Statement-VII

Position as on 6.30 Hrs of 25/Feb/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kharghar-Sonkhar	IntraState	25/02/2018	06.30	25/02/2018	17.29	PO	line strengthning work
Kharghar-Borivali ckt I	IntraState	25/02/2018	18.15	25/02/2018	18.30	T	tripped only kherghar end
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)
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	24/02/2018	09.51	24/02/2018	17.33	PO	Attending Hot Spot
220/132 Kv 150 Mva Cgl Ict 3 @Eklahre (Ocr)	IntraState	24/02/2018	10.04	24/02/2018	17.02	PO	RCC STRUTURE DISMENTALLING WORK.

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