

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 24/Feb/2019 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.222	3251.216	1) Gujrat	2.047	43.191
2) Hydro	6.259	196.617	2) Madhya Pradesh	14.030	341.516
3) Gas	6.945	166.308	3) Chattisgarh	5.060	144.740
Total MSPGCL	143.426	3614.141	4) Maharashtra	109.629	2423.673
B) 1) APML	71.058	1504.676	5) Goa (Amona)	-0.506	-12.034
2) JSWEL	20.448	502.780	Total	130.260	2941.086
3) VIPL	0.000	0.000	a) Mumbai Schedule	14.114	389.101
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	18.312	421.963
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	17.140	362.946
6) Other IPP	12.858	304.803	Include PX	3.368	6.556
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	14.114	388.208
C) 1) TPCL Thermal	12.229	327.156	Include PX	2.808	118.934
2) TPCL Hydro	0.750	78.099	Standby	0.000	0.894
3) TPCL Gas	4.113	98.114	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.962	232.251	1) MSEDCL	380.012	8829.635
D) STATE			2) Mumbai Discoms	44.364	1157.574
1) Thermal	255.777	6122.882	TOTAL STATE	424.376	9987.209
(A1+C1+C4+(B1-B6))					
2) Hydro	7.009	274.716			
(A2+C2)					
3) Gas	11.058	264.422			
(A3+B7+C3)					
4) Wind	13.092	233.198			
6) SOLAR	7.182	150.914			
TOTAL STATE	294.118	7046.132			

* 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 5 Hrs
MSPGCL Thermal	5931	5593	4953	5405
MSPGCL Hydro	511	461	396	170
MSPGCL Gas	281	266	288	296
MSPGCL Total Generation	6723	6320	5637	5871
Central Sector Receipt	6076	5659	5859	5013
WIND	348	549	708	461
CPP / IPP Thermal	4744	4693	4146	4026
CPP / IPP Gas	0	0	0	0
SOLAR	992	1020	0	0
Exchange with Mumbai	-981	-977	-985	-474
MSEDCL DEMAND MET	17902	17264	15365	14897
Load Shedding	0	0	0	0
MSEDCL DEMAND	17902	17264	15365	14897
TPCL GENERATION	749	741	762	639
AEML GENERATION	373	372	375	375
MUMBAI DEMAND	2103	2090	2122	1488
STATE DEMAND MET	20005	19354	17487	16385
STATE DEMAND	20005	19354	17487	16385
Frequency (Hz)	50.01	50.01	50.04	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 14:04 Hrs	49.74 Hz at 15:57 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 24/Feb/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.72	50.01	170	145
Unit 7	0.00	0.00	0	0
Unit 8	10.53	246.48	500	404
Unit 9	13.66	264.36	660	460
Unit 10	11.01	246.81	552	380
Total	38.92	807.66		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.33	237.37	500	350
Unit 5	9.40	205.24	500	350
Total	18.72	442.61		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	4.40	104.35	196	165
Unit 4	4.27	78.69	189	161
Unit 5	9.59	171.96	430	346
Unit 6	0.00	167.41	0	0
Unit 7	9.28	230.65	418	356
Unit 8	0.00	220.49	0	0
Unit 9	10.64	252.58	480	365
Total	38.17	1226.14		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.48	97.36	251	196
Total	5.48	97.36		
Khaparkheda				
Unit 1	3.66	86.52	165	140
Unit 2	3.84	88.36	160	160
Unit 3	3.92	82.11	172	158
Unit 4	3.87	90.38	170	157
Unit 5	9.62	231.25	460	373
Total	24.91	578.62		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.02	35.37	197	156
Unit 5	0.00	63.45	0	0
Total	4.02	98.82		
Uran				
All Units	6.94	166.31	308	266
Total	6.94	166.31		
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)	0.12	0.62	39	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.12	0.62		
Koyna				
Stage 1-2	2.06	55.70	300	40
Stage 4	0.00	27.69	0	0
Stage 3	0.27	18.23	80	0
Total	2.32	101.62		
Hydro				
KDPH	0.44	9.84	19	18
VTRNA	0.60	15.73	61	0
TILLARI	0.24	6.26	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	3.94	57	0
RNGR+BHTSA	0.28	7.22	12	11
BHANDARDRA	0.49	3.86	45	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.48	12.57	21	20
GHATGHAR	1.30	35.56	250	0
Total	3.94	95.00		
Wind				
Total	13.09	233.20	0	0
Total	13.09	233.20		
CPP				
APML(Mus)	71.06	1504.68	0	0
JSWEL(Mus)	20.45	502.78	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	12.86	304.80	0	0
Total	104.36	2312.26		
SOLAR				
Total	7.18	150.91	0	0
Total	7.18	150.91		
Tata				
Trombay 5	7.44	202.75	316	304
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.58	61.45	117	74
Trombay 7B	1.53	36.66	68	53
Trombay 8	4.79	124.40	202	196
TATA Hydro	0.75	78.10	72	0
Total	17.09	503.37		
AEML				
DTPS U-1&2	8.96	232.25	375	371
Total	8.96	232.25		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.22	3251.22	MSPGCL Total	143.43	3614.14
			MSPGCL Thml+Gas	137.17	3417.52	Koyna 1,2 & 4 Total	2.06	83.39
			MSPGCL Hydro	6.26	196.62	State Total	294.12	7046.13

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/Feb/2019

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	5348	111	294	5753	463	4473	0	0	5320	5328	-663	15354	0	15354	1746	17100	49.94
2	5285	165	293	5743	465	4198	0	0	5176	5258	-550	15114	0	15114	1621	16735	49.97
3	5282	115	295	5692	426	4153	0	0	5169	5121	-502	14890	0	14890	1544	16434	50.01
4	5335	105	306	5746	488	4123	0	0	5142	5118	-478	14997	0	14997	1493	16490	49.99
5	5405	170	296	5871	461	4026	0	0	5104	5013	-474	14897	0	14897	1488	16385	50.02
6	5652	180	307	6139	399	4376	0	0	5244	5355	-530	15739	0	15739	1550	17289	49.99
7	5928	203	300	6431	380	4570	0	6	5658	5680	-591	16476	0	16476	1622	18098	50.03
8	5971	305	308	6584	343	4555	0	134	6170	6271	-660	17227	0	17227	1697	18924	49.99
9	5991	421	297	6709	220	4684	0	409	5997	6033	-781	17274	0	17274	1823	19097	50.02
10	5962	384	290	6636	232	4773	0	706	5834	5917	-894	17370	0	17370	1956	19326	50.03
11	5980	379	286	6645	260	4752	0	867	5886	5853	-974	17403	0	17403	2059	19462	50.02
12	5931	511	281	6723	348	4744	0	992	6113	6076	-981	17902	0	17902	2103	20005	50.01
13	5593	461	266	6320	549	4693	0	1020	5530	5659	-977	17264	0	17264	2090	19354	50.01
14	5656	357	277	6290	618	4741	0	999	5105	4841	-893	16596	0	16596	2006	18602	50.09
15	5537	205	280	6022	784	4400	0	853	5100	5132	-837	16354	0	16354	1934	18288	50.10
16	5213	362	268	5843	680	4196	0	651	4976	5077	-761	15686	0	15686	1879	17565	49.90
17	5307	187	281	5775	724	4195	0	397	5137	4890	-746	15235	0	15235	1865	17100	49.97
18	5113	107	283	5503	545	4144	0	144	5135	5238	-776	14798	0	14798	1884	16682	49.99
19	4998	180	274	5452	670	4027	0	4	5334	5274	-870	14557	0	14557	2005	16562	50.00
20	4953	396	288	5637	708	4146	0	0	5396	5859	-985	15365	0	15365	2122	17487	50.04
21	4935	195	289	5419	837	4140	0	0	5566	5431	-956	14871	0	14871	2093	16964	50.00
22	4952	285	290	5527	796	4109	0	0	5140	5403	-894	14941	0	14941	2032	16973	50.02
23	4955	227	292	5474	864	4176	0	0	5147	5321	-807	15028	0	15028	1936	16964	50.02
24	4940	248	304	5492	832	3970	0	0	5044	5112	-732	14674	0	14674	1818	16492	49.95
MUs	130.22	6.26	6.94	143.43	13.09	104.36	0.00	7.18	129.42	130.26	-18.31	380.01	0.00	380.01	44.37	424.38	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 24/Feb/2019

Position as on 6.30 Hrs of 25/Feb/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		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	
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	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn Due To B0 & U-7	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-3	270	14/12/2018	16.30		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	RPL(AMT) U-2	270	27/12/2018	19.30		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	28/12/2018	19.30		Continued.	Zero Schedule.	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	09/01/2019	19.30		Continued.	Zero Schedule	
IPP	Dhariwal	300	12/01/2019	10.15		Continued.	Coal Shortage	
MSPGCL	Parli Unit 8	250	12/01/2019	12.00		Continued.	Zero Schedule by MSEDCL	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-1	270	27/01/2019	02.17		Continued.	Withdrawn On RSD.	
MSPGCL	Chandrapur Unit 6	500	20/02/2019	22.07		Continued.	Rotor Earth Fault	
MSPGCL	Chandrapur Unit-8	500	21/02/2019	19.39	25/02/2019	07.28	BFP common Dischagre Header Leakage Attending work	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 24/Feb/2019

Position as on 6.30 Hrs of 25/Feb/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 5	210	23/02/2019	17.20		Continued.	Swapping with Unit 4	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 25/Feb/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	24/02/2019	12.23		Continued.	T	High Pressure Pole-2 B-Phase Converter TF Alarm.
Chandrapur - Padghe Hvdc Pole 1	IntraState	24/02/2019	12.23	24/02/2019	15.21	T	Tripped Due to Non-Availability of Base Filter.
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	18/02/2019	18.16		Continued.	HT	Over Voltage
Dabhol Newkoyana li	InterState	24/02/2019	10.56	25/02/2019	20.26	PO	String Replacement Work.
Kalwa - Talegaon(PG)	IntraState	16/02/2019	08.59		Continued.	PO	Construction Work for height raising.
Kalwa - Kharghar	IntraState	16/02/2019	09.46		Continued.	PO	Construction Work for height raising.
Nagothane - Dabhol-II	IntraState	23/02/2019	10.46	24/02/2019	08.59	PO	Routine maint.work(RFC 19.50Hrs)
Bhusawal-Aurangabad	IntraState	23/02/2019	19.59	25/02/2019	07.04	HT	Over Voltage
Padghe - Kalwa-II	IntraState	24/02/2019	12.11	24/02/2019	12.23	T	Tripped From Padghe End Y-B-E Phase, Zone-1, D-55KM.
Kharghar-Talegaon(PG)	IntraState	24/02/2019	13.40	24/02/2019	16.58	T	Distance Protection due to Grass Fire
Padghe - Nagothane - I	IntraState	24/02/2019	23.43	25/02/2019	09.44	HT	Over Voltage
Deepnagar Taptitanda	IntraState	25/02/2019	07.21	25/02/2019	19.20	PO	Replacement of dead end and mid span.
Khadka-Aurangabad (Waluj)	IntraState	25/02/2019	17.28		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	25/02/2019	23.34		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
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.
Mudshingi - Chikodi	InterState	25/02/2019	09.25	25/02/2019	20.10	PO	Routine Maintenance Work
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	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading.
Khadka-Chalisgaon-1	IntraState	19/02/2019	09.16	25/02/2019	15.25	PO	For Erection Of Inline Tower.
Khadka-Chalisgaon-2	IntraState	19/02/2019	09.28	25/02/2019	15.43	PO	For Erection Of Inline Tower.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	23/02/2019	15.25	24/02/2019	18.51	T	B Phase CT Burst
Mumewadi -Halkarni II	IntraState	24/02/2019	02.34	24/02/2019	02.55	T	Distance Protection B Phase, 2.21KA.
Half Bus section-I @ Yavatmal	IntraState	24/02/2019	09.30	24/02/2019	19.25	PO	Erection of Two Numbers of CB Isolators. In Two New Bays.
Gadchandur - Virur-I	IntraState	24/02/2019	11.58	24/02/2019	15.25	PO	LA Replacement.
Lonikand-VSNL	IntraState	24/02/2019	12.40	24/02/2019	15.37	T	Distance Protection Operated B-PH, Zone-1, 14.41KM, 7.65KA.
Pusad-Ghatodi	IntraState	24/02/2019	12.51	24/02/2019	15.43	PO	Diagnostic Testing Work.
Miraj-Ichalkaranji I	IntraState	25/02/2019	07.58	25/02/2019	19.14	PO	Line insulator cleaning and replacement work.
Karad(400kv) - Ogalewadi Ckt 2	IntraState	25/02/2019	09.52	25/02/2019	14.44	PO	Coupling capacitor replacement.

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/2019

Statement-VII

Position as on 6.30 Hrs of 25/Feb/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Chakan-Bhosari	IntraState	25/02/2019	10.41	25/02/2019	13.44	EO	Chakan end to attend hot spot at wavetrap plam.
IPCL - SPCL	IntraState	25/02/2019	13.00	25/02/2019	20.15	EO	Attend trip CKT problem.
220 KV ICT Outages/Trippings							
220/66 Kv 150 Mva Emco Ict 2 @Gadchandur	IntraState	13/02/2019	11.35	25/02/2019	18.43	PO	LV Bushing Replacement,Work For 10 Days
220/33kv 125 MVA T/F-III @ Goregaon	IntraState	24/02/2019	00.19	24/02/2019	04.33	PO	Auto Restoration Scheme Under SIS DPR Scheme.
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	22/10/2018	18.40		Continued.	HT	CB Closed At Pench & In view Of Outage On 132kv Kanhan-Mansar Line.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.
Rahatani-Varasgaon	IntraState	24/02/2019	14.12	24/02/2019	14.58	T	Distance Protection Operated Fault Current 4.121KA

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