

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Feb/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.154	3386.370	1) Gujrat	2.303	45.494
2) Hydro	6.447	203.064	2) Madhya Pradesh	15.632	357.148
3) Gas	7.014	173.322	3) Chattisgarh	5.770	150.510
Total MSPGCL	148.615	3762.756	4) Maharashtra	109.687	2533.360
B) 1) APML	69.969	1574.645	5) Goa (Amona)	-0.638	-12.672
2) JSWEL	22.255	525.035	Total	132.754	3073.840
3) VIPL	0.000	0.000	a) Mumbai Schedule	17.737	406.839
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	20.433	442.396
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	11.504	374.450
6) Other IPP	12.608	317.411	Include PX	-3.352	3.204
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	17.737	405.945
C) 1) TPCL Thermal	13.094	340.250	Include PX	5.689	124.622
2) TPCL Hydro	5.303	83.402	Standby	0.000	0.894
3) TPCL Gas	4.150	102.264	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.784	242.035	1) MSEDCL	386.604	9216.239
D) STATE			2) Mumbai Discoms	52.765	1210.339
1) Thermal	262.864	6385.746	TOTAL STATE	439.369	10426.578
(A1+C1+C4+(B1-B6))					
2) Hydro	11.750	286.466			
(A2+C2)					
3) Gas	11.164	275.586			
(A3+B7+C3)					
4) Wind	13.430	246.628			
6) SOLAR	7.406	158.320			
TOTAL STATE	306.614	7352.746			

* 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 3 Hrs
MSPGCL Thermal	6116	6192	5625	4934
MSPGCL Hydro	500	377	580	133
MSPGCL Gas	283	268	288	308
MSPGCL Total Generation	6899	6837	6493	5375
Central Sector Receipt	6196	5730	5357	4928
WIND	286	339	587	790
CPP / IPP Thermal	4760	4786	4299	3763
CPP / IPP Gas	0	0	0	0
SOLAR	1004	1058	0	0
Exchange with Mumbai	-1101	-1063	-1062	-479
MSEDCL DEMAND MET	18044	17687	15674	14377
Load Shedding	0	0	0	0
MSEDCL DEMAND	18044	17687	15674	14377
TPCL GENERATION	1189	1154	1112	650
AEML GENERATION	479	501	373	374
MUMBAI DEMAND	2769	2718	2547	1503
STATE DEMAND MET	20813	20405	18221	15880
STATE DEMAND	20813	20405	18221	15880
Frequency (Hz)	50.05	50.05	50.01	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 13.01 Hrs	49.75 Hz at 18.44 Hrs	50.02	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 25/Feb/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.70	53.71	170	140
Unit 7	0.00	0.00	0	0
Unit 8	10.04	256.52	500	349
Unit 9	13.25	277.60	660	421
Unit 10	11.56	258.38	600	364
Total	38.55	846.20		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.44	246.81	505	350
Unit 5	9.46	214.71	500	355
Total	18.90	461.52		
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	4.43	108.78	198	163
Unit 4	4.29	82.98	190	163
Unit 5	9.44	181.40	420	361
Unit 6	0.00	167.41	0	0
Unit 7	8.16	238.82	390	290
Unit 8	6.52	227.01	470	0
Unit 9	10.34	262.92	470	365
Total	43.18	1269.32		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.74	103.10	251	197
Total	5.74	103.10		
Khaparkheda				
Unit 1	3.42	89.94	150	115
Unit 2	3.84	92.20	160	160
Unit 3	3.92	86.02	173	158
Unit 4	3.91	94.30	170	160
Unit 5	9.56	240.80	440	370
Total	24.64	603.26		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.14	39.52	207	158
Unit 5	0.00	63.45	0	0
Total	4.14	102.97		
Uran				
All Units	7.01	173.32	312	268
Total	7.01	173.32		
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)	0.08	0.71	44	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	0.71		
Koyna				
Stage 1-2	2.00	57.70	210	40
Stage 4	0.21	27.91	212	0
Stage 3	0.71	18.95	80	0
Total	2.93	104.55		
Hydro				
KDPH	0.44	10.28	19	18
VTRNA	0.70	16.43	61	0
TILLARI	0.00	6.26	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	4.16	70	0
RNGR+BHTSA	0.28	7.50	12	11
BHANDARDRA	0.48	4.35	43	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.45	13.02	19	18
GHATGHAR	0.96	36.52	125	0
Total	3.52	98.52		
Wind				
Total	13.43	246.63	0	0
Total	13.43	246.63		
CPP				
APML(Mus)	69.97	1574.64	0	0
JSWEL(Mus)	22.26	525.04	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)	12.61	317.41	0	0
Total	104.83	2417.09		
SOLAR				
Total	7.41	158.32	0	0
Total	7.41	158.32		
Tata				
Trombay 5	7.87	210.63	467	307
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.61	64.06	117	71
Trombay 7B	1.54	38.20	67	53
Trombay 8	5.22	129.62	229	200
TATA Hydro	5.30	83.40	438	0
Total	22.55	525.92		
AEML				
DTPS U-1&2	9.78	242.04	502	373
Total	9.78	242.04		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.15	3386.37	MSPGCL Total	148.62	3762.76
			MSPGCL Thml+Gas	142.17	3559.69	Koyna 1,2 & 4 Total	2.21	85.60
			MSPGCL Hydro	6.45	203.06	State Total	306.61	7352.75

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	4946	97	295	5338	729	3850	0	0	5206	5131	-617	14431	0	14431	1684	16115	50.00
2	4953	132	297	5382	668	3763	0	0	4928	5259	-518	14554	0	14554	1570	16124	50.04
3	4934	133	308	5375	790	3763	0	0	4885	4928	-479	14377	0	14377	1503	15880	50.04
4	4937	103	300	5340	761	3737	0	0	4841	5084	-463	14459	0	14459	1469	15928	50.00
5	5033	113	312	5458	674	3953	0	0	5106	5077	-478	14684	0	14684	1484	16168	50.07
6	5409	152	300	5861	590	4119	0	0	5327	5679	-597	15652	0	15652	1609	17261	50.02
7	5812	348	311	6471	511	4531	0	0	5772	5857	-670	16700	0	16700	1793	18493	49.98
8	5872	359	312	6543	456	4918	0	119	6065	6227	-655	17608	0	17608	1985	19593	50.02
9	5922	238	297	6457	286	4822	0	417	6203	6268	-834	17416	0	17416	2264	19680	50.02
10	6011	354	292	6657	353	4774	0	700	6321	6013	-999	17498	0	17498	2533	20031	50.03
11	5979	360	286	6625	351	4743	0	908	6264	6651	-1300	17978	0	17978	2700	20678	50.00
12	6116	500	283	6899	286	4760	0	1004	6335	6196	-1101	18044	0	18044	2769	20813	50.05
13	6192	377	268	6837	339	4786	0	1058	5928	5730	-1063	17687	0	17687	2718	20405	50.05
14	6098	231	281	6610	430	4632	0	1010	5609	5653	-963	17372	0	17372	2585	19957	50.07
15	6070	231	280	6581	569	4420	0	894	5651	5646	-988	17122	0	17122	2616	19738	50.00
16	5809	386	280	6475	582	4260	0	709	5557	5726	-973	16779	0	16779	2632	19411	49.98
17	5788	366	272	6426	677	4554	0	433	5510	5433	-1089	16434	0	16434	2639	19073	50.04
18	5880	233	284	6397	622	4761	0	154	5112	4979	-1058	15855	0	15855	2587	18442	50.03
19	5680	161	286	6127	652	4507	0	0	5151	5095	-1104	15277	0	15277	2534	17811	49.92
20	5625	580	288	6493	587	4299	0	0	5435	5357	-1062	15674	0	15674	2547	18221	50.01
21	5700	331	301	6332	610	4304	0	0	4925	4979	-974	15251	0	15251	2365	17616	50.02
22	5647	296	291	6234	659	4264	0	0	4925	5015	-858	15314	0	15314	2213	17527	50.01
23	5434	191	295	5920	648	4277	0	0	4943	5201	-820	15226	0	15226	2058	17284	50.04
24	5307	175	295	5777	600	4035	0	0	5288	5570	-770	15212	0	15212	1907	17119	50.08
MUs	135.15	6.45	7.01	148.62	13.43	104.83	0.00	7.41	131.29	132.75	-20.43	386.60	0.00	386.60	52.76	439.37	50.02

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 25/Feb/2019

Position as on 6.30 Hrs of 26/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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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 25/Feb/2019

Position as on 6.30 Hrs of 26/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	
MSPGCL	Koyna STG-IV Unit-3	250	26/02/2019	10.00		Continued.	Replacement of New NGR Unit.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 26/Feb/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi-III - Tirora ckt-II	IntraState	26/02/2019	09.44		Continued.	PO	Annual Maintenance Work
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	24/02/2019	12.23	26/02/2019	18.29	T	High Pressure Pole-2 B-Phase Converter TF Alarm.
Chandrapur - Padghe Hvdc Pole 1	IntraState	26/02/2019	15.49	26/02/2019	18.48	T	Base Filter At Padghe End.
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 Newkoyna 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.
Bhusawal-Aurangabad	IntraState	23/02/2019	19.59	25/02/2019	07.04	HT	Over Voltage
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	26/02/2019	07.16	HT	Over Voltage
Padghe - Nagothane - II	IntraState	25/02/2019	23.34	26/02/2019	09.10	HT	Over Voltage
Deepnagar Taptitanda	IntraState	26/02/2019	07.29	26/02/2019	18.47	PO	Replacement of Dead End Mid Span.
New Koyna - Dabhol - li	IntraState	26/02/2019	08.25		Continued.	PO	Insulator String Replacement & Cold Washing Insulators.
Khadka-Aurangabad (Waluj)	IntraState	26/02/2019	19.31		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	26/02/2019	23.40		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.
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.
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.
Chandrapur(MIDC)-Ballarshah II	IntraState	26/02/2019	10.05	26/02/2019	13.13	PO	Tan Delta Measurment of CT & CC.
OSMANABAD PARANDA	IntraState	26/02/2019	10.51	26/02/2019	14.13	PO	Quarterly Maintainance Work

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 25/Feb/2019

Statement-VII

Position as on 6.30 Hrs of 26/Feb/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Padghe - Nalasopara	IntraState	26/02/2019	20.18	26/02/2019	20.40	T	Distance Protection Operated, Z1, 49.7KM, R-PH, 1.71KA.(Line Tripped at Nalasopara End)
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
200/100KV 100MVA ICT-1@Satara MIDC	IntraState	26/02/2019	10.30	26/02/2019	17.44	PO	Routine Maintenance Work
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	26/02/2019	11.30	26/02/2019	18.45	PO	Diagnostic Testing Work.
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.

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