

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	140.958	3254.044	1) Gujrat	1.631	54.286
2) Hydro	11.172	234.091	2) Madhya Pradesh	18.257	436.722
3) Gas	6.621	171.551	3) Chattisgarh	4.830	137.260
Total MSPGCL	158.751	3659.686	4) Maharashtra	122.541	2837.528
B) 1) APML	72.978	1754.482	5) Goa (Amona)	-0.572	-9.878
2) JSWEL	22.521	546.607	Total	146.687	3455.918
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.501	496.466
4) RPL(AMT)	5.322	88.013	b) Mumbai Drawl	28.296	524.235
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	18.095	383.111
6) Other IPP	13.139	317.526	Include PX	-2.857	-41.063
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.501	496.466
C) 1) TPCL Thermal	13.772	342.181	Include PX	16.471	239.277
2) TPCL Hydro	6.321	112.638	Standby	0.000	0.000
3) TPCL Gas	4.318	108.181	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.649	244.978	1) MSEDCL	408.935	9792.330
D) STATE			2) Mumbai Discoms	62.357	1332.216
1) Thermal	278.339	6547.831	TOTAL STATE	471.292	11124.546
(A1+C1+C4+(B1-B6))					
2) Hydro	17.493	346.729			
(A2+C2)					
3) Gas	10.939	279.732			
(A3+B7+C3)					
4) Wind	11.539	316.375			
6) SOLAR	6.294	177.958			
TOTAL STATE	324.604	7668.625			

* 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	6019	6243	5893	5289
MSPGCL Hydro	1131	620	306	104
MSPGCL Gas	256	256	277	289
MSPGCL Total Generation	7406	7119	6476	5682
Central Sector Receipt	6514	6465	6095	5703
WIND	226	188	751	633
CPP / IPP Thermal	5015	5108	4991	4291
CPP / IPP Gas	0	0	0	0
SOLAR	905	860	0	0
Exchange with Mumbai	-1556	-1395	-1407	-751
MSEDCL DEMAND MET	18510	18345	16906	15558
Load Shedding	0	0	0	0
MSEDCL DEMAND	18510	18345	16906	15558
TPCL GENERATION	1215	1312	1120	693
AEML GENERATION	435	500	375	374
MUMBAI DEMAND	3206	3207	2902	1818
STATE DEMAND MET	21716	21552	19808	17376
STATE DEMAND	21716	21552	19808	17376
Frequency (Hz)	50.00	50.01	50.01	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 13.02 Hrs	49.77 Hz at 05.43 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 25/Mar/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.84	90.83	205	135
Unit 7	0.00	0.00	0	0
Unit 8	9.34	238.02	431	300
Unit 9	10.12	229.72	487	301
Unit 10	10.36	245.99	468	375
Total	33.65	804.56		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.84	202.77	500	350
Unit 5	9.92	248.78	505	350
Total	19.76	451.55		
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	5.23	56.54	250	200
Total	5.23	56.54		
Chandrapur				
Unit 3	0.00	98.73	0	0
Unit 4	4.16	106.95	181	161
Unit 5	9.74	237.37	420	370
Unit 6	0.00	0.00	0	0
Unit 7	10.27	88.66	450	370
Unit 8	10.41	268.51	485	360
Unit 9	9.95	261.32	440	370
Total	44.53	1061.53		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.98	142.60	252	242
Total	5.98	142.60		
Khaparkheda				
Unit 1	4.08	95.41	180	140
Unit 2	3.83	94.03	170	140
Unit 3	4.42	92.13	190	160
Unit 4	4.32	91.15	185	160
Unit 5	10.91	259.60	470	410
Total	27.55	632.33		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.27	104.94	209	158
Unit 5	0.00	0.00	0	0
Total	4.27	104.94		
Uran				
All Units	6.62	171.55	300	256
Total	6.62	171.55		
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	2.15	16	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	2.15		
Koyna				
Stage 1-2	4.26	79.76	440	40
Stage 4	1.64	25.44	492	0
Stage 3	1.56	23.41	240	0
Total	7.46	128.61		
Hydro				
KDPH	0.89	20.74	37	37
VTRNA	0.98	22.63	61	0
TILLARI	0.74	9.70	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	6.15	80	0
RNGR+BHTSA	0.28	7.35	13	0
BHANDARDRA	0.23	10.40	32	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.33	13.40	14	13
GHATGHAR	0.00	15.12	0	0
Total	3.71	105.48		
Wind				
Total	11.54	316.38	0	0
Total	11.54	316.38		
CPP				
APML(Mus)	72.98	1754.48	0	0
JSWEL(Mus)	22.52	546.61	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.32	88.01	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	13.14	317.53	0	0
Total	113.96	2706.63		
SOLAR				
Total	6.29	177.96	0	0
Total	6.29	177.96		
Tata				
Trombay 5	8.52	213.80	478	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.73	68.76	117	111
Trombay 7B	1.58	39.42	67	65
Trombay 8	5.25	128.38	227	202
TATA Hydro	6.32	112.64	459	15
Total	24.41	563.00		
AEML				
DTPS U-1&2	9.65	244.98	501	373
Total	9.65	244.98		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	140.96	3254.04	MSPGCL Total	158.75	3659.69
			MSPGCL Thml+Gas	147.58	3425.60	Koyna 1,2 & 4 Total	5.90	105.20
			MSPGCL Hydro	11.17	234.09	State Total	324.60	7668.62

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/Mar/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	5723	141	288	6152	474	4416	0	0	6173	6096	-992	16146	0	16146	2143	18289	49.97
2	5721	181	288	6190	450	4382	0	0	5809	5631	-878	15775	0	15775	1985	17760	49.93
3	5595	172	288	6055	542	4400	0	0	5713	5598	-813	15782	0	15782	1882	17664	49.98
4	5289	104	289	5682	633	4291	0	0	5659	5703	-751	15558	0	15558	1818	17376	50.01
5	5404	184	300	5888	657	4299	0	0	5759	5880	-739	15985	0	15985	1807	17792	49.99
6	5777	421	290	6488	643	4512	0	0	6022	5958	-800	16801	0	16801	1895	18696	49.93
7	6053	388	291	6732	529	5065	0	7	6145	6230	-764	17799	0	17799	2048	19847	50.02
8	6073	258	294	6625	358	5204	0	143	6172	6059	-779	17610	0	17610	2216	19826	50.06
9	6037	367	285	6689	343	4932	0	406	6337	6375	-1068	17677	0	17677	2526	20203	49.95
10	5839	598	269	6706	429	4749	0	633	6406	6441	-1322	17636	0	17636	2852	20488	49.94
11	5802	733	265	6800	329	4852	0	812	6597	6762	-1535	18020	0	18020	3089	21109	49.98
12	6019	1131	256	7406	226	5015	0	905	6636	6514	-1556	18510	0	18510	3206	21716	50.00
13	6243	620	256	7119	188	5108	0	860	6602	6465	-1395	18345	0	18345	3207	21552	50.01
14	6245	407	257	6909	125	5034	0	785	6514	6510	-1359	18004	0	18004	3068	21072	50.01
15	6261	615	261	7137	124	5019	0	721	6506	6479	-1536	17944	0	17944	3129	21073	50.00
16	6272	660	260	7192	328	5006	0	558	6503	6332	-1348	18068	0	18068	3159	21227	50.02
17	6210	310	262	6782	698	5026	0	332	6455	6152	-1326	17664	0	17664	3127	20791	49.99
18	5913	323	274	6510	507	4720	0	120	6179	6178	-1441	16594	0	16594	3011	19605	50.03
19	5854	370	267	6491	511	4851	0	12	5920	5822	-1370	16317	0	16317	2921	19238	50.03
20	5893	306	277	6476	751	4991	0	0	6238	6095	-1407	16906	0	16906	2902	19808	50.01
21	5624	620	269	6513	615	4541	0	0	5563	5734	-1282	16121	0	16121	2750	18871	49.96
22	5768	774	280	6822	918	4398	0	0	5748	5531	-1273	16396	0	16396	2598	18994	49.93
23	5710	418	273	6401	741	4598	0	0	5521	5886	-1265	16361	0	16361	2536	18897	50.03
24	5633	1071	282	6986	420	4551	0	0	5875	6256	-1297	16916	0	16916	2481	19397	50.04
MUs	140.96	11.17	6.62	158.75	11.54	113.96	0.00	6.29	147.05	146.69	-28.30	408.94	0.00	408.94	62.36	471.29	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 25/Mar/2019

Position as on 6.30 Hrs of 26/Mar/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	
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)	
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	Bhusawal Unit 3	210	14/12/2018	03.00		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	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	Nasik Unit 5	210	23/02/2019	17.20		Continued.	Swapping with Unit 4	
MSPGCL	Chandrapur Unit 3	210	23/03/2019	07.11		Continued.	Fire In Generator Slip Ring.	
MSPGCL	Koyna Unit 6	80	23/03/2019	08.30	25/03/2019	11.15	To attend Injector NO.3 Stuck up problem	

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

Statement-VII

Position as on 6.30 Hrs of 26/Mar/2019

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	19/03/2019	18.26	25/03/2019	11.37	HT	Over Voltage
Dabhol Newkoyna li	InterState	25/03/2019	07.45	25/03/2019	22.36	PO	Le Scheme For Insulator String Replacement.
Dhule Sar'Sarovar II	InterState	25/03/2019	17.12		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	23/03/2019	18.45	25/03/2019	11.26	HT	Over Voltage
Akola-Nandgaonpeth (RPL)	IntraState	25/03/2019	08.10	25/03/2019	15.19	PO	Faulty String Replacement.
Khadka-Aurangabad (Waluj)	IntraState	25/03/2019	17.43		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.
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	25/03/2019	03.44	25/03/2019	04.01	HT	Isolator problem while shifting from bus B to bus A.
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.
Badnera - Deoli (PG)	InterState	25/03/2019	12.11	25/03/2019	17.52	PO	Line Maintenance work
Mahalakshmi Amona	InterState	26/03/2019	03.28	26/03/2019	04.35	T	CB Tripped At Amona End Only.
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.
Kharepatan -Pawas Line	IntraState	25/03/2019	09.07	25/03/2019	18.11	T	Distance Protection LOC No.78 Decapping Y-Ph String.
Kharghar-Borivali ckt II	IntraState	25/03/2019	10.00	25/03/2019	17.25	PO	Replacement of Jumper.
Karad - Sadawagpur I	IntraState	25/03/2019	10.14	25/03/2019	15.38	PO	Relay Testing Work
Ghatghar - Jindal	IntraState	25/03/2019	11.24	25/03/2019	18.53	PO	Protection Relay Replacement.
Trombay - Mulund	IntraState	25/03/2019	12.14	25/03/2019	19.08	PO	Relay Testing Work
Nashik-Padgha	IntraState	25/03/2019	12.36	25/03/2019	19.06	T	R-PH-G, 84.1KM, Z1, 1.514KA, AR Optd & Lockout.
Padghe - Jindal	IntraState	25/03/2019	12.36	25/03/2019	12.45	T	Line Tripped At Jindal End Only, Restricted Earth Fault.
Shivajinagar-Gangapur	IntraState	25/03/2019	12.48	25/03/2019	13.25	T	S-MTR OPTD B PH O/C, G=B PH Z1, 1.88KA, 49.65KA.
Bombay Dyeing - Sahara	IntraState	25/03/2019	12.55	25/03/2019	15.44	T	Distance Protection, Z-2, R-Y Ph Fault IF-1.199KA
Chinchwad-Hinjewadi I	IntraState	25/03/2019	13.49	25/03/2019	17.29	HT	Line Was Hand Tripped to Control Load Of 220KV Urse-Chinchwad1 Line
Kandalgaon - Pirangut	IntraState	25/03/2019	14.38	25/03/2019	14.52	T	Tripped At Kandalgaon End Y-E, Z-1, 25.8KM, 2.75KA, 220KV Hinjewadi-1 Chinchwad Line Was Open For Load Control of Urse-Chinchwad Line.
Bus Coupler @ Babhaleshwar	IntraState	25/03/2019	15.16	25/03/2019	17.50	PO	CT Testing And Diagnostic Test.
Shivajinagar - Malegaon	IntraState	25/03/2019	16.35	25/03/2019	19.55	EO	Attending Hot Spot
Sonkhar - Trombay	IntraState	25/03/2019	17 47	25/03/2019	19.19	EO	Demolish Construction Done Under LINE At LOC No.714 & 715 With.
132 KV LINE 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 25/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 26/Mar/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip Form Pench end for system requirment.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.
Devgaon rangari- Gangapur ckt I	IntraState	25/03/2019	11.00	25/03/2019	11.15	T	DP, Z1, B PH AR Successful 15.80KM, 2.7KA, G=B PH, Z1, 34.2KM. 1.76KA.
Buldana-Motala	IntraState	25/03/2019	12.54	25/03/2019	19.25	T	Dist Protection, R And Y Ph Y, 2.57KA Z1. M=B/UP, PRTN OPTD MTR OPTD R PH 1.68KA Y PH. 1.670KA.

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