

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.011	3113.086	1) Gujrat	1.733	52.655
2) Hydro	7.367	222.919	2) Madhya Pradesh	16.767	418.465
3) Gas	6.777	164.930	3) Chattisgarh	4.870	132.430
Total MSPGCL	152.155	3500.935	4) Maharashtra	119.939	2714.987
B) 1) APLM	72.071	1681.504	5) Goa (Amona)	-0.352	-9.306
2) JSWEL	20.930	524.086	Total	142.957	3309.231
3) VIPL	0.000	0.000	a) Mumbai Schedule	19.783	472.965
4) RPL(AMT)	4.771	82.691	b) Mumbai Drawl	22.862	495.939
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	19.770	365.016
6) Other IPP	13.094	304.387	Include PX	-0.700	-38.206
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	19.783	472.965
C) 1) TPCL Thermal	12.345	328.409	Include PX	12.417	222.806
2) TPCL Hydro	2.305	106.317	Standby	0.000	0.000
3) TPCL Gas	4.328	103.863	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.979	235.329	1) MSEDCL	401.160	9383.395
D) STATE			2) Mumbai Discoms	50.818	1269.859
1) Thermal	270.201	6269.492	TOTAL STATE	451.978	10653.254
(A1+C1+C4+(B1-B6))					
2) Hydro	9.672	329.236			
(A2+C2)					
3) Gas	11.105	268.793			
(A3+B7+C3)					
4) Wind	10.979	304.836			
6) SOLAR	7.065	171.664			
TOTAL STATE	309.022	7344.021			

* 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	5743	5886	5765	5569
MSPGCL Hydro	665	400	280	108
MSPGCL Gas	263	272	281	302
MSPGCL Total Generation	6671	6558	6326	5979
Central Sector Receipt	6367	6095	6196	5354
WIND	386	288	273	775
CPP / IPP Thermal	4877	4882	4678	4257
CPP / IPP Gas	0	0	0	0
SOLAR	956	959	0	0
Exchange with Mumbai	-1084	-1073	-1048	-688
MSEDCL DEMAND MET	18173	17709	16425	15677
Load Shedding	0	0	0	0
MSEDCL DEMAND	18173	17709	16425	15677
TPCL GENERATION	811	818	935	693
AEML GENERATION	374	375	373	374
MUMBAI DEMAND	2269	2266	2356	1755
STATE DEMAND MET	20442	19975	18781	17432
STATE DEMAND	20442	19975	18781	17432
Frequency (Hz)	50.00	49.97	50.04	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 18.02 Hrs	49.76 Hz at 21.04 Hrs	50.01	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/Mar/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.14	87.00	195	155
Unit 7	0.00	0.00	0	0
Unit 8	8.51	228.69	400	326
Unit 9	9.40	219.60	460	310
Unit 10	8.91	235.62	402	330
Total	30.95	770.90		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.30	192.94	500	355
Unit 5	9.21	238.86	500	350
Total	18.51	431.80		
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	4.91	51.31	250	197
Total	4.91	51.31		
Chandrapur				
Unit 3	0.00	98.73	0	0
Unit 4	4.14	102.79	187	148
Unit 5	9.86	227.63	420	375
Unit 6	0.00	0.00	0	0
Unit 7	10.14	78.38	442	398
Unit 8	10.86	258.10	480	390
Unit 9	10.82	251.38	480	390
Total	45.82	1017.00		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.92	136.62	255	191
Total	5.92	136.62		
Khaparkheda				
Unit 1	4.10	91.34	180	145
Unit 2	3.84	90.20	160	160
Unit 3	4.48	87.71	194	160
Unit 4	4.42	86.83	200	160
Unit 5	11.10	248.70	475	450
Total	27.94	604.78		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.95	100.68	210	154
Unit 5	0.00	0.00	0	0
Total	3.95	100.68		
Uran				
All Units	6.78	164.93	306	261
Total	6.78	164.93		
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)	0.07	2.11	23	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	2.11		
Koyna				
Stage 1-2	3.37	75.50	420	40
Stage 4	0.21	23.80	136	0
Stage 3	0.37	21.85	80	0
Total	3.96	121.15		
Hydro				
KDPH	0.89	19.85	37	37
VTRNA	0.98	21.65	61	0
TILLARI	0.62	8.96	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	5.88	40	0
RNGR+BHTSA	0.30	7.07	13	12
BHANDARDRA	0.13	10.17	30	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.36	13.07	15	14
GHATGHAR	0.00	15.12	0	0
Total	3.41	101.77		
Wind				
Total	10.98	304.84	0	0
Total	10.98	304.84		
CPP				
APML(Mus)	72.07	1681.50	0	0
JSWEL(Mus)	20.93	524.09	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	4.77	82.69	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	13.09	304.39	0	0
Total	110.87	2592.67		
SOLAR				
Total	7.06	171.66	0	0
Total	7.06	171.66		
Tata				
Trombay 5	7.50	205.27	314	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	66.03	115	113
Trombay 7B	1.58	37.84	67	65
Trombay 8	4.85	123.14	203	200
TATA Hydro	2.30	106.32	246	0
Total	18.98	538.59		
AEML				
DTPS U-1&2	8.98	235.33	375	373
Total	8.98	235.33		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	138.01	3113.09	MSPGCL Total	152.16	3500.94
			MSPGCL Thml+Gas	144.79	3278.02	Koyna 1,2 & 4 Total	3.58	99.30
			MSPGCL Hydro	7.37	222.92	State Total	309.02	7344.02

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 24/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	5698	113	290	6101	604	4391	0	0	5979	6056	-902	16250	0	16250	2034	18284	50.03
2	5695	113	292	6100	605	4375	0	0	5840	5648	-816	15912	0	15912	1904	17816	50.03
3	5704	108	292	6104	645	4352	0	0	5532	5408	-753	15756	0	15756	1819	17575	50.05
4	5569	108	302	5979	775	4257	0	0	5514	5354	-688	15677	0	15677	1755	17432	50.05
5	5513	188	295	5996	779	4281	0	0	5494	5572	-673	15955	0	15955	1741	17696	50.01
6	5873	252	295	6420	845	4536	0	0	5713	5792	-727	16866	0	16866	1795	18661	50.00
7	6052	324	306	6682	868	4886	0	10	5998	5993	-757	17682	0	17682	1825	19507	50.02
8	6088	232	295	6615	696	4951	0	172	6037	5978	-809	17603	0	17603	1875	19478	50.03
9	5756	206	302	6264	512	4855	0	435	6082	6374	-898	17542	0	17542	2001	19543	50.02
10	5649	265	273	6187	492	4842	0	704	6197	6120	-1029	17316	0	17316	2152	19468	50.01
11	5637	269	279	6185	457	4826	0	872	6274	6392	-1089	17643	0	17643	2246	19889	50.06
12	5743	665	263	6671	386	4877	0	956	6307	6367	-1084	18173	0	18173	2269	20442	50.00
13	5886	400	272	6558	288	4882	0	959	6280	6095	-1073	17709	0	17709	2266	19975	49.97
14	5701	319	261	6281	192	4777	0	916	6191	6006	-1066	17106	0	17106	2254	19360	50.02
15	5698	421	262	6381	175	4747	0	827	6228	6174	-1052	17252	0	17252	2268	19520	50.03
16	5734	530	273	6537	207	4807	0	630	6224	6157	-1017	17321	0	17321	2240	19561	49.98
17	5762	340	266	6368	183	4800	0	410	6181	5953	-998	16716	0	16716	2212	18928	50.01
18	5778	396	267	6441	194	4382	0	164	5865	6160	-978	16363	0	16363	2191	18554	50.05
19	5792	295	279	6366	204	4292	0	10	6093	5892	-1011	15753	0	15753	2221	17974	50.01
20	5765	280	281	6326	273	4678	0	0	6054	6196	-1048	16425	0	16425	2356	18781	50.04
21	5727	205	283	6215	311	4712	0	0	5729	5625	-1062	15801	0	15801	2381	18182	50.00
22	5712	440	275	6427	384	4566	0	0	5462	5773	-1068	16082	0	16082	2374	18456	49.96
23	5755	553	284	6592	443	4364	0	0	5684	5681	-1097	15983	0	15983	2339	18322	49.95
24	5724	345	290	6359	461	4430	0	0	6044	6191	-1167	16274	0	16274	2301	18575	49.99
MUs	138.01	7.37	6.78	152.15	10.98	110.87	0.00	7.06	143.00	142.96	-22.86	401.16	0.00	401.16	50.82	451.98	50.01

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/Mar/2019

Position as on 6.30 Hrs of 25/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		Continued.	To attend Injector NO.3 Stuck up problem	

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

Statement-VII

Position as on 6.30 Hrs of 25/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		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	23/03/2019	18.45		Continued.	HT	Over Voltage
Jaigad-New Koyna Ckt-I	IntraState	24/03/2019	06.19	24/03/2019	20.37	PO	Replacement of broken support insulator at Jaigad end.
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.
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.
Boisar(M) - Ghodbunder	IntraState	23/03/2019	08.38	24/03/2019	22.11	PO	Installation of Optical CT
Parli New Tps - Beed Ckt 1	IntraState	24/03/2019	09.07	24/03/2019	18.16	PO	Tower erection work.
Parli New Tps - Beed Ckt 2	IntraState	24/03/2019	09.09	24/03/2019	18.22	PO	Tower erection work.
Padghe - Wada	IntraState	24/03/2019	13.26	24/03/2019	17.00	T	Distance Protection R PH 23 KM 319.8A.
220 KV ICT Outages/Trippings							
220/22 Kv 50 Mva Cgl Ptr 4 @Mulund	IntraState	24/03/2019	16.25	24/03/2019	17.02	T	LV side only. load affected 27.9 MW.
132 KV LINE Outages/Trippings							
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.

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