

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Mar/2019 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.738	2975.075	1) Gujrat	0.850	50.922
2) Hydro	9.340	215.552	2) Madhya Pradesh	18.554	401.698
3) Gas	6.887	158.153	3) Chattisgarh	5.360	127.560
Total MSPGCL	151.965	3348.780	4) Maharashtra	119.215	2595.048
B) 1) APML	74.107	1609.433	5) Goa (Amona)	-0.418	-8.954
2) JSWEL	21.771	503.156	Total	143.561	3166.274
3) VIPL	0.000	0.000	a) Mumbai Schedule	21.825	453.182
4) RPL(AMT)	5.427	77.920	b) Mumbai Drawl	22.957	473.077
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	18.077	345.247
6) Other IPP	13.658	291.293	Include PX	-3.422	-37.506
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	21.825	453.182
C) 1) TPCL Thermal	13.244	316.064	Include PX	14.093	210.389
2) TPCL Hydro	4.552	104.012	Standby	0.000	0.000
3) TPCL Gas	4.329	99.535	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.536	226.350	1) MSEDCL	405.282	8982.235
D) STATE			2) Mumbai Discoms	54.621	1219.041
1) Thermal	273.481	5999.291	TOTAL STATE	459.903	10201.276
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	13.892	319.564			
3) Gas (A3+B7+C3)	11.216	257.688			
4) Wind	10.295	293.857			
6) SOLAR	7.455	164.599			
TOTAL STATE	316.339	7034.999			

* 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	5874	5903	5515	5399
MSPGCL Hydro	635	564	469	149
MSPGCL Gas	279	268	283	295
MSPGCL Total Generation	6788	6735	6267	5843
Central Sector Receipt	6642	6378	5903	5436
WIND	205	149	458	594
CPP / IPP Thermal	5060	5047	5073	4227
CPP / IPP Gas	0	0	0	0
SOLAR	990	994	0	0
Exchange with Mumbai	-1310	-1288	-998	-657
MSEDCL DEMAND MET	18375	18015	16703	15443
Load Shedding	0	0	0	0
MSEDCL DEMAND	18375	18015	16703	15443
TPCL GENERATION	1058	1050	1191	690
AEML GENERATION	373	375	449	374
MUMBAI DEMAND	2741	2713	2638	1721
STATE DEMAND MET	21116	20728	19341	17164
STATE DEMAND	21116	20728	19341	17164
Frequency (Hz)	50.02	50.00	49.97	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 06.02 Hrs	49.77 Hz at 14.45 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 23/Mar/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.96	82.86	185	150
Unit 7	0.00	0.00	0	0
Unit 8	6.98	220.18	407	0
Unit 9	10.05	210.20	485	380
Unit 10	8.59	226.72	433	300
Total	29.58	739.95		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.24	183.64	500	355
Unit 5	10.26	229.65	500	350
Total	20.49	413.28		
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	5.30	46.40	248	200
Total	5.30	46.40		
Chandrapur				
Unit 3	1.32	98.73	196	0
Unit 4	4.38	98.66	189	163
Unit 5	9.71	217.76	425	365
Unit 6	0.00	0.00	0	0
Unit 7	9.86	68.24	444	330
Unit 8	9.44	247.24	460	370
Unit 9	9.48	240.56	454	370
Total	44.20	971.18		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.70	130.71	250	190
Total	5.70	130.71		
Khaparkheda				
Unit 1	3.90	87.24	175	145
Unit 2	3.54	86.36	170	125
Unit 3	4.11	83.23	185	150
Unit 4	4.06	82.41	185	150
Unit 5	10.67	237.59	460	380
Total	26.30	576.83		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.18	96.72	209	157
Unit 5	0.00	0.00	0	0
Total	4.18	96.72		
Uran				
All Units	6.89	158.15	307	266
Total	6.89	158.15		
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)	0.00	2.04	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	2.04		
Koyna				
Stage 1-2	4.08	72.13	380	35
Stage 4	0.34	23.59	184	0
Stage 3	1.06	21.47	144	0
Total	5.49	117.19		
Hydro				
KDPH	0.89	18.96	37	37
VTRNA	1.02	20.67	61	0
TILLARI	0.54	8.34	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	5.74	80	0
RNGR+BHTSA	0.30	6.77	13	12
BHANDARDRA	0.41	10.04	39	8
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.41	12.72	17	17
GHATGHAR	0.00	15.12	0	0
Total	3.85	98.36		
Wind				
Total	10.30	293.86	0	0
Total	10.30	293.86		
CPP				
APML(Mus)	74.11	1609.43	0	0
JSWEL(Mus)	21.77	503.16	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	5.43	77.92	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	13.66	291.29	0	0
Total	114.96	2481.80		
SOLAR				
Total	7.46	164.60	0	0
Total	7.46	164.60		
Tata				
Trombay 5	8.03	197.77	472	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.75	63.28	115	114
Trombay 7B	1.58	36.25	67	65
Trombay 8	5.22	118.29	231	199
TATA Hydro	4.55	104.01	344	13
Total	22.12	519.61		
AEML				
DTPS U-1&2	9.54	226.35	502	372
Total	9.54	226.35		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.74	2975.08	MSPGCL Total	151.96	3348.78
			MSPGCL Thml+Gas	142.62	3133.23	Koyna 1,2 & 4 Total	4.42	95.72
			MSPGCL Hydro	9.34	215.55	State Total	316.34	7035.00

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	5769	179	294	6242	350	4333	0	0	5857	5847	-815	15957	0	15957	1942	17899	50.02
2	5688	172	304	6164	518	4361	0	0	5813	5617	-724	15936	0	15936	1804	17740	49.98
3	5399	149	295	5843	594	4227	0	0	5476	5436	-657	15443	0	15443	1721	17164	50.01
4	5464	365	307	6136	693	4261	0	0	5394	5350	-608	15832	0	15832	1670	17502	50.01
5	5555	125	296	5976	650	4352	0	0	5421	5336	-593	15721	0	15721	1658	17379	49.99
6	5711	440	307	6458	673	4599	0	0	5481	5635	-680	16685	0	16685	1743	18428	50.02
7	6070	508	296	6874	703	4965	0	10	5948	5925	-740	17737	0	17737	1835	19572	50.01
8	5941	329	298	6568	544	4984	0	170	6093	6236	-784	17718	0	17718	1938	19656	50.03
9	5918	289	292	6499	460	4968	0	460	6216	6176	-938	17625	0	17625	2154	19779	50.02
10	5667	355	286	6308	499	4898	0	726	6109	6129	-1089	17471	0	17471	2436	19907	50.00
11	5691	610	282	6583	355	4987	0	920	6312	6471	-1269	18047	0	18047	2661	20708	50.01
12	5874	635	279	6788	205	5060	0	990	6519	6642	-1310	18375	0	18375	2741	21116	50.02
13	5903	564	268	6735	149	5047	0	994	6462	6378	-1288	18015	0	18015	2713	20728	50.00
14	5636	279	266	6181	180	4906	0	965	6402	6516	-1200	17548	0	17548	2587	20135	50.07
15	5692	545	276	6513	228	4976	0	885	6416	6166	-1127	17641	0	17641	2620	20261	49.90
16	5695	388	277	6360	263	4982	0	697	6423	6413	-1042	17673	0	17673	2618	20291	49.96
17	5387	655	269	6311	343	5001	0	461	6215	6170	-1079	17207	0	17207	2616	19823	49.98
18	5396	675	279	6350	359	4978	0	161	5829	5706	-928	16626	0	16626	2548	19174	49.99
19	5467	260	282	6009	340	5003	0	16	5730	5708	-828	16248	0	16248	2530	18778	49.98
20	5515	469	283	6267	458	5073	0	0	5940	5903	-998	16703	0	16703	2638	19341	49.97
21	5535	296	275	6106	486	4773	0	0	6015	6025	-1119	16271	0	16271	2531	18802	50.01
22	5466	566	288	6320	419	4742	0	0	5955	5885	-1082	16284	0	16284	2450	18734	49.97
23	5645	286	298	6229	372	4784	0	0	5856	5984	-1062	16307	0	16307	2313	18620	49.97
24	5654	201	290	6145	454	4704	0	0	6114	5907	-997	16213	0	16213	2151	18364	49.98
MUs	135.74	9.34	6.89	151.96	10.30	114.96	0.00	7.45	144.00	143.56	-22.96	405.28	0.00	405.28	54.62	459.90	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 23/Mar/2019

Position as on 6.30 Hrs of 24/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 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	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	
MSPGCL	Koradi Unit-8	660	23/03/2019	15.54	23/03/2019	19.49	Flame Failure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 23/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 24/Mar/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/Tripping							
Ektuni - Akola II Ckt I	IntraState	22/03/2019	19.34	23/03/2019	02.32	EO	Remove long cloth on conductor
400 KV LINE Outages/Tripping							
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	22/03/2019	17.49	23/03/2019	09.17	HT	Over Voltage
New Koyna - Dabhol - li	IntraState	23/03/2019	08.53	23/03/2019	22.01	PO	Insulator String Replacement-LES.
Chandrapur II- Warora ckt II	IntraState	23/03/2019	09.03	23/03/2019	11.19	PO	Tightening of Conductor
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	T	Replacement of broken support insulator at Jaigad end.
400 KV ICT Outages/Tripping							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 315 MVA ICT-I @Waluj	IntraState	23/03/2019	09.21	23/03/2019	18.41	PO	Attending Oil Leakage
400/220 KV 500MVA ICT-IV @ Babhaleshwar	IntraState	23/03/2019	10.32	23/03/2019	15.45	PO	Change of CT Ratio
400/132 KV 200MVA ICT II @Bhusawal	IntraState	23/03/2019	18.27	23/03/2019	19.23	PO	Replacement of safety valve and refilling of Nitrogen in CTR
220 KV LINE Outages/Tripping							
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	23/03/2019	12.15	23/03/2019	22.43	PO	Shifting From Bus 2 To Bus 1.
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
Pophali - New Koyna	IntraState	23/03/2019	09.25	23/03/2019	16.28	PO	Insulator washing
Trombay Dharavi 9	IntraState	23/03/2019	09.38	23/03/2019	17.45	PO	Silicon coating
Malegaon-Satana	IntraState	23/03/2019	09.48	23/03/2019	12.04	PO	Tan Delta Measurment of CTs
Hingoli- Girawali	IntraState	23/03/2019	09.48	23/03/2019	13.51	PO	O/C Relay testing work
Centuri Enka- Bhosari	IntraState	23/03/2019	10.04	23/03/2019	18.44	PO	Cold chemical washing of Disc Insulator String
Kharghar-Borivali ckt I	IntraState	23/03/2019	10.25	23/03/2019	19.04	PO	OPGW work
Satana-Gangapur	IntraState	23/03/2019	13.55	23/03/2019	15.27	PO	Tan Delta Measurment of CTs
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/Tripping							
220/132 KV 100MVA ICT @ Bhandara	IntraState	23/03/2019	08.25	23/03/2019	17.40	PO	Diagnostic testing work
220/132 Kv 100 Mva Emco Ict @Shahada	IntraState	23/03/2019	14.30	23/03/2019	18.25	PO	Diagnostic testing work
220/132 kv 200MVA ICT-V @ Nashik	IntraState	23/03/2019	17.34	23/03/2019	18.14	PO	For checking Indication Fire Detector Alarm

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 23/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 24/Mar/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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.