

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Mar/2019 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.757	2839.337	1) Gujrat	1.730	50.072
2) Hydro	8.239	206.212	2) Madhya Pradesh	16.789	383.144
3) Gas	7.037	151.266	3) Chattisgarh	5.250	122.200
Total MSPGCL	152.033	3196.815	4) Maharashtra	109.740	2475.833
B) 1) APMIL	63.090	1535.326	5) Goa (Amona)	-0.440	-8.536
2) JSWEL	20.556	481.385	Total	133.069	3022.713
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.899	431.357
4) RPL(AMT)	4.672	72.493	b) Mumbai Drawl	23.652	450.120
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	16.422	327.169
6) Other IPP	14.394	277.635	Include PX	-4.353	-34.084
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.899	431.357
C) 1) TPCL Thermal	12.684	302.820	Include PX	15.174	196.296
2) TPCL Hydro	6.276	99.460	Standby	0.000	0.000
3) TPCL Gas	4.307	95.206	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.976	216.814	1) MSEDCL	383.288	8576.953
D) STATE			2) Mumbai Discoms	55.897	1164.420
1) Thermal	261.129	5725.810	TOTAL STATE	439.185	9741.373
(A1+C1+C4+(B1-B6))					
2) Hydro	14.515	305.672			
(A2+C2)					
3) Gas	11.344	246.472			
(A3+B7+C3)					
4) Wind	11.431	283.562			
6) SOLAR	7.695	157.144			
TOTAL STATE	306.114	6718.660			

* 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	5948	5898	5898	5300
MSPGCL Hydro	422	554	375	129
MSPGCL Gas	283	280	288	308
MSPGCL Total Generation	6653	6732	6561	5737
Central Sector Receipt	6642	6303	5910	3770
WIND	284	247	249	862
CPP / IPP Thermal	4455	4429	4551	3892
CPP / IPP Gas	0	0	0	0
SOLAR	1004	1030	0	0
Exchange with Mumbai	-1367	-1337	-1131	-568
MSEDCL DEMAND MET	17671	17404	16140	13693
Load Shedding	0	0	0	0
MSEDCL DEMAND	17671	17404	16140	13693
TPCL GENERATION	1171	1165	1165	691
AEML GENERATION	375	374	374	374
MUMBAI DEMAND	2913	2876	2670	1633
STATE DEMAND MET	20584	20280	18810	15326
STATE DEMAND	20584	20280	18810	15326
Frequency (Hz)	49.98	50.01	50.02	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06.02 Hrs	49.76 Hz at 18.38 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 22/Mar/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.30	78.90	195	155
Unit 7	0.00	0.00	0	0
Unit 8	7.96	213.20	358	290
Unit 9	10.35	200.15	530	350
Unit 10	8.22	218.12	383	290
Total	30.83	710.37		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.50	173.40	355	350
Unit 5	8.57	219.40	360	350
Total	17.07	392.80		
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	4.73	41.10	205	191
Total	4.73	41.10		
Chandrapur				
Unit 3	4.37	97.40	195	163
Unit 4	4.27	94.28	190	155
Unit 5	9.50	208.05	423	365
Unit 6	0.00	0.00	0	0
Unit 7	9.76	58.38	435	361
Unit 8	10.11	237.80	480	360
Unit 9	10.06	231.08	460	359
Total	48.07	926.98		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.70	125.01	253	194
Total	5.70	125.01		
Khaparkheda				
Unit 1	3.62	83.34	175	125
Unit 2	3.94	82.82	170	160
Unit 3	4.15	79.12	185	160
Unit 4	4.12	78.35	185	154
Unit 5	10.64	226.92	475	380
Total	26.46	550.54		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.90	92.54	166	158
Unit 5	0.00	0.00	0	0
Total	3.90	92.54		
Uran				
All Units	7.04	151.27	311	270
Total	7.04	151.27		
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	3.62	68.05	435	40
Stage 4	0.00	23.24	0	0
Stage 3	0.88	20.41	160	0
Total	4.50	111.71		
Hydro				
KDPH	0.89	18.07	37	37
VTRNA	0.94	19.65	61	0
TILLARI	0.48	7.80	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	5.45	80	0
RNGR+BHTSA	0.30	6.47	13	12
BHANDARDRA	0.42	9.63	40	9
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.46	12.31	20	19
GHATGHAR	0.00	15.12	0	0
Total	3.74	94.50		
Wind				
Total	11.43	283.56	0	0
Total	11.43	283.56		
CPP				
APML(Mus)	63.09	1535.33	0	0
JSWEL(Mus)	20.56	481.38	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	4.67	72.49	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	14.39	277.64	0	0
Total	102.71	2366.84		
SOLAR				
Total	7.70	157.14	0	0
Total	7.70	157.14		
Tata				
Trombay 5	7.46	189.75	313	298
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	60.53	115	113
Trombay 7B	1.57	34.67	66	64
Trombay 8	5.23	113.07	226	200
TATA Hydro	6.28	99.46	459	0
Total	23.27	497.49		
AEML				
DTPS U-1&2	8.98	216.81	376	373
Total	8.98	216.81		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	136.76	2839.34	MSPGCL Total	152.03	3196.82
			MSPGCL Thml+Gas	143.79	2990.60	Koyna 1,2 & 4 Total	3.62	91.30
			MSPGCL Hydro	8.24	206.21	State Total	306.11	6718.66

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 22/Mar/2019

Annexure-2

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	5254	119	297	5670	775	3879	0	0	4421	4309	-753	13880	0	13880	1844	15724	50.06
2	5280	134	308	5722	801	3900	0	0	4250	4279	-643	14059	0	14059	1720	15779	50.02
3	5300	129	308	5737	862	3892	0	0	4028	3770	-568	13693	0	13693	1633	15326	50.06
4	5272	134	299	5705	862	3892	0	0	3938	3824	-533	13750	0	13750	1585	15335	50.04
5	5288	174	310	5772	803	3910	0	0	3908	4372	-534	14323	0	14323	1588	15911	50.06
6	5363	315	310	5988	838	3946	0	0	4966	5257	-646	15383	0	15383	1698	17081	50.02
7	5825	516	301	6642	755	4234	0	13	5689	6038	-762	16920	0	16920	1847	18767	50.02
8	5967	162	311	6440	599	4391	0	184	6148	6416	-849	17181	0	17181	2029	19210	50.05
9	5825	219	305	6349	516	4458	0	473	6239	6151	-983	16964	0	16964	2327	19292	49.98
10	5575	286	292	6153	503	4385	0	741	6043	6274	-1135	16921	0	16921	2635	19556	50.00
11	5853	415	288	6556	406	4369	0	957	6147	6297	-1296	17289	0	17289	2838	20127	49.99
12	5948	422	283	6653	284	4455	0	1004	6260	6642	-1367	17671	0	17671	2913	20584	49.98
13	5898	554	280	6732	247	4429	0	1030	6185	6303	-1337	17404	0	17404	2876	20280	50.01
14	5771	390	283	6444	283	4433	0	1022	6063	6083	-1197	17068	0	17068	2730	19798	50.06
15	5612	490	270	6372	308	4411	0	900	6074	6228	-1220	16999	0	16999	2751	19750	49.97
16	5677	766	283	6726	348	4418	0	701	6089	6093	-1240	17046	0	17046	2789	19835	49.99
17	5833	557	281	6671	277	4405	0	466	5889	5773	-1233	16359	0	16359	2785	19144	49.96
18	5853	301	284	6438	247	4455	0	172	5805	5825	-1186	15951	0	15951	2734	18685	50.02
19	5922	177	286	6385	256	4435	0	32	5608	5490	-1112	15486	0	15486	2661	18147	49.94
20	5898	375	288	6561	249	4551	0	0	5894	5910	-1131	16140	0	16140	2670	18810	50.02
21	5928	451	288	6667	263	4390	0	0	5516	5436	-1066	15690	0	15690	2537	18227	49.92
22	5930	379	299	6608	327	4339	0	0	5456	5313	-1005	15582	0	15582	2365	17947	49.87
23	5922	497	291	6710	304	4381	0	0	5230	5149	-943	15601	0	15601	2230	17831	49.92
24	5763	277	292	6332	318	4357	0	0	5628	5836	-913	15930	0	15930	2110	18040	49.96
MUs	136.76	8.24	7.04	152.03	11.43	102.71	0.00	7.69	131.47	133.07	-23.65	383.29	0.00	383.29	55.89	439.18	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 22/Mar/2019

Position as on 6.30 Hrs of 23/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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 23/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/Trippings							
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/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
Dabhol Nagothane I	InterState	21/03/2019	04.58	22/03/2019	06.24	T	Distance Protection, RQ, E/F IF - 2.5KA.
Khadka-Aurangabad (Waluj)	IntraState	20/03/2019	17.34	22/03/2019	09.29	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	21/03/2019	20.38	22/03/2019	07.29	HT	Over Voltage
Padghe - Nagothane - I	IntraState	22/03/2019	05.48	22/03/2019	19.14	T	Distance Protection B-Ph.
Padghe - Nagothane - II	IntraState	22/03/2019	05.58	22/03/2019	19.15	T	Distance Protection R-Ph.
Bus Coupler @ Karad	IntraState	22/03/2019	08.02	22/03/2019	10.05	EO	Rept.of Compressor NRV
Babhaleshwar - Bhusawal II	IntraState	22/03/2019	10.48	22/03/2019	17.01	PO	CT Ratio Changing Work At BBLR End.
Khadka-Aurangabad (Waluj)	IntraState	22/03/2019	17.49		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.
400/220/33 Kv 315 MVA ICT-II @Waluj	IntraState	22/03/2019	08.49	22/03/2019	19.03	PO	Attending Oil Leakage
400/220/33 Kv 105 Mva Bhel Spare Ict 1 @Nagothane	IntraState	22/03/2019	10.28	22/03/2019	22.15	PO	Diagnostic Testing
400/220/22 Kv 100 Mva Ict 1 @Koradi	IntraState	22/03/2019	11.32	22/03/2019	11.58	PO	Earthing Work.
167 Mva Spare Ict @Lamboti	IntraState	22/03/2019	12.47	22/03/2019	13.01	PO	Avoid Interference During TAN D Mesurment
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.
Mulund - GIS Bhandup	IntraState	22/03/2019	08.07	22/03/2019	13.57	PO	1) Diagnostic testing Work 2) Hot spot attending and Bay maintenance work.
Pusad - Hingoli	IntraState	22/03/2019	08.19	22/03/2019	16.24	PO	Alignment of Earth Switch of Line Isolator.
Kharghar-Sonkhar	IntraState	22/03/2019	08.20	22/03/2019	19.05	PO	Diagnostic Testing.
Koradi-Butibori Rly Tss	IntraState	22/03/2019	08.35	22/03/2019	14.45	PO	Fixing of Vibration Damper.
Oni Kharepatan Line	IntraState	22/03/2019	09.21	22/03/2019	11.39	PO	CB timing & CRM of CB
Padghe - Wada	IntraState	22/03/2019	10.58	22/03/2019	18.38	PO	Rept.of faulty insulator string
Bus Coupler @ Paras	IntraState	22/03/2019	11.28	22/03/2019	14.30	PO	Diagnostic Testing Work.
Nanded-Ghatodi	IntraState	22/03/2019	11.48	22/03/2019	14.33	PO	Line Maintenance work
Pedhambe - Oni	IntraState	22/03/2019	12.05	22/03/2019	13.55	PO	CB timing & CRM of CB testing
220 KV ICT Outages/Trippings							
220/22-22 KV 100 MVA PTR 3 @ PAL-DOMBIVALI	IntraState	22/03/2019	09.10	22/03/2019	19.25	PO	OLTC O/H 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 22/Mar/2019

Statement-VII

Position as on 6.30 Hrs of 23/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 T&R Ptr 1 @Anandnagar	IntraState	22/03/2019	10.15	22/03/2019	14.45	PO	OLTC O/H Work
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.