

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 21/Mar/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.224	2644.964	1) Gujrat	-1.684	0.262
2) Hydro	21.965	238.944	2) Madhya Pradesh	14.332	303.812
3) Gas	10.539	218.126	3) Chattisgarh	8.560	178.510
Total MSPGCL	160.728	3102.034	4) Maharashtra Net	125.162	2711.341
B) 1) APML	76.916	1493.841	5) Goa (Amona)	-0.660	-13.974
2) JSWEL	17.720	345.809	Total	145.710	3179.951
3) VIPL	13.672	176.496	a) Mumbai Schedule	22.947	409.167
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.172	463.278
5) WPCL	4.622	66.566	c) MSEDCL Bilateral *	32.176	743.458
6) PGPL	0.000	0.000	Include PX	5.565	147.807
7) Other IPP	5.847	125.414	d) Mumbai Bilateral *	22.947	409.167
C) 1) TPCL Thermal	15.464	296.065	Include PX	4.153	124.101
2) TPCL Hydro	5.027	80.213	Include Standby	0.000	0.000
3) TPCL Gas	4.547	93.425	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.227	216.601	1) MSEDCL	406.747	8231.289
D) STATE			2) Mumbai Discoms	60.437	1149.573
1) Thermal	273.692	5365.756	TOTAL STATE	467.184	9380.862
(A1+C1+C4+(B1-B6))					
2) Hydro	26.992	319.157			
(A2+C2)					
3) Gas	15.086	311.551			
(A3+B6+C3)					
4) Wind	4.164	174.922			
6) SOLAR	1.540	29.534			
TOTAL STATE	321.474	6200.920			

* 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	5467	5678	5334	4856
MSPGCL Hydro	1853	1583	875	168
MSPGCL Gas	430	418	441	450
MSPGCL Total Generation	7750	7679	6650	5474
Central Sector Receipt	6912	6724	5771	5476
WIND	105	52	304	187
CPP / IPP Thermal	4965	5013	4870	4839
CPP / IPP Gas	0	0	0	0
SOLAR	193	297	0	0
Exchange with Mumbai	-1251	-1262	-1056	-675
MSEDCL DEMAND MET	18674	18503	16539	15301
Load Shedding	0	0	0	0
MSEDCL DEMAND	18674	18503	16539	15301
TPCL GENERATION	1377	1331	1280	700
R-INFRA GENERATION	495	500	507	387
MUMBAI DEMAND	3123	3093	2843	1762
STATE DEMAND MET	21797	21596	19382	17063
STATE DEMAND	21797	21596	19382	17063
Frequency (Hz)	49.96	49.95	49.98	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18.01 Hrs	49.72 Hz at 22.13 Hrs	49.94	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 21/Mar/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
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	12.36	280.45	660	410
Unit 9	8.79	181.36	401	320
Unit 10	0.00	0.00	0	0
Total	21.14	461.81		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	9.06	0	0
Unit 4	11.12	218.28	505	370
Unit 5	11.38	218.84	510	370
Total	22.50	446.18		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.79	113.05	250	200
Unit 7	5.82	110.54	252	198
Unit 8	1.94	3.18	131	0
Total	13.54	226.77		
Chandrapur				
Unit 3	4.59	93.24	195	188
Unit 4	4.67	79.60	196	193
Unit 5	10.51	211.21	450	425
Unit 6	10.68	181.64	450	430
Unit 7	0.00	0.00	0	0
Unit 8	9.39	130.15	410	370
Unit 9	3.55	152.37	369	0
Total	43.37	848.21		
Paras				
Unit 3	5.84	22.56	254	201
Unit 4	5.85	115.96	254	205
Total	11.70	138.53		
Khaparkheda				
Unit 1	0.00	6.32	0	0
Unit 2	0.00	57.16	0	0
Unit 3	0.00	43.03	0	0
Unit 4	0.00	26.57	0	0
Unit 5	7.79	215.62	500	0
Total	7.79	348.69		
Nasik				
Unit 3	4.08	87.82	180	160
Unit 4	4.09	86.95	195	161
Unit 5	0.00	0.00	0	0
Total	8.17	174.77		
Uran				
All Units	10.54	218.13	461	416
Total	10.54	218.13		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.26	2.50	44	0
Total	0.26	2.50		
Koyna				
Stage 1-2	6.08	61.86	590	40
Stage 4	8.48	52.50	763	0
Stage 3	3.22	25.32	240	0
Total	17.78	139.68		
Hydro				
KDPH	0.42	16.65	18	17
VTRNA	1.39	25.39	59	57
TILLARI	0.00	7.52	0	0
BHTGR/VEER	0.00	0.53	0	0
BHIRA T.R.	0.26	4.23	80	0
RNGR+BHTSA	0.31	6.58	13	12
BHANDARDRA	0.48	10.08	20	20
ELDARY	0.00	2.83	0	0
SMLHY_PTN	0.48	10.79	21	20
GHATGHAR	0.85	14.65	205	0
Total	4.19	99.26		
Wind				
Total	4.16	174.92	0	0
Total	4.16	174.92		
CPP				
APML(Mus)	76.92	1493.84	0	0
JSWEL(Mus)	17.72	345.81	0	0
VIPL(Mus)	13.67	176.50	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.62	66.57	0	0
Other(Mus)	5.85	125.41	0	0
Total	118.78	2208.13		
SOLAR				
Total	1.54	29.53	0	0
Total	1.54	29.53		
Tata				
Trombay 5	10.06	187.44	494	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.92	59.87	123	119
Trombay 7B	1.63	33.55	69	67
Trombay 8	5.40	108.63	248	199
TATA Hydro	5.03	80.21	459	19
Total	25.04	469.70		
R-INFRA				
DTPS U-1&2	11.23	216.60	510	387
Total	11.23	216.60		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.22	2644.96	MSPGCL Total	160.73	3102.03
			MSPGCL Thml+Gas	138.76	2863.09	Koyna 1,2 & 4 Total	14.56	114.37
			MSPGCL Hydro	21.96	238.94	State Total	321.47	6200.92

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/Mar/2017

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	5370	248	450	6068	227	5020	0	0	5814	5442	-1018	15739	0	15739	2102	17841	49.93
2	5035	168	451	5654	228	5005	0	0	5914	5499	-850	15536	0	15536	1938	17474	49.94
3	4817	168	451	5436	193	4867	0	0	5517	5708	-739	15465	0	15465	1826	17291	49.93
4	4856	168	450	5474	187	4839	0	0	5451	5476	-675	15301	0	15301	1762	17063	49.96
5	5006	238	450	5694	195	4839	0	0	5492	5592	-651	15669	0	15669	1739	17408	49.96
6	5413	445	461	6319	167	4971	0	0	5599	5628	-661	16424	0	16424	1838	18262	49.90
7	5421	1106	453	6980	162	4997	0	0	5788	5851	-499	17491	0	17491	1997	19488	49.94
8	5418	1398	451	7267	190	4990	0	24	6401	6344	-647	18168	0	18168	2176	20344	50.00
9	5401	961	439	6801	113	4998	0	86	6552	6587	-621	17964	0	17964	2399	20363	49.95
10	5344	1194	434	6972	138	5022	0	143	5975	6249	-945	17579	0	17579	2833	20412	49.94
11	5365	1471	433	7269	188	4998	0	168	6294	6265	-1171	17717	0	17717	3045	20762	49.92
12	5467	1853	430	7750	105	4965	0	193	6739	6912	-1251	18674	0	18674	3123	21797	49.96
13	5678	1583	418	7679	52	5013	0	297	6769	6724	-1262	18503	0	18503	3093	21596	49.95
14	5639	1489	417	7545	26	5019	0	186	6546	6400	-1163	18013	0	18013	2969	20982	49.91
15	5687	1575	416	7678	38	4980	0	175	6583	6588	-1188	18271	0	18271	2999	21270	49.89
16	5829	1833	432	8094	66	4893	0	140	6617	6559	-1248	18504	0	18504	3011	21515	49.92
17	5662	1410	423	7495	148	4884	0	91	6365	6380	-1205	17793	0	17793	2996	20789	49.93
18	5303	1278	424	7005	251	4874	0	35	6001	6193	-1212	17146	0	17146	2923	20069	49.96
19	5286	544	439	6269	305	4849	0	2	5972	6054	-1181	16298	0	16298	2816	19114	49.93
20	5334	875	441	6650	304	4870	0	0	5860	5771	-1056	16539	0	16539	2843	19382	49.98
21	5393	388	434	6215	230	4908	0	0	5948	6026	-1171	16208	0	16208	2707	18915	49.92
22	5254	329	445	6028	235	4984	0	0	5919	6194	-1347	16094	0	16094	2522	18616	49.89
23	5168	494	448	6110	225	5012	0	0	5816	5586	-1335	15598	0	15598	2435	18033	49.90
24	5078	749	449	6276	191	4976	0	0	5727	5682	-1076	16049	0	16049	2345	18394	49.94
MUs	128.2 2	21.96	10.54	160.73	4.16	118.78	0.00	1.54	145.66	145.71	-24.17	406.75	0.00	406.75	60.44	467.18	49.94

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 21/Mar/2017

Position as on 6.30 Hrs of 22/Mar/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		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	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
IPP	RPL(AMT) U-5	270	15/11/2016	20.00		Continued.	Zero schedule by MSEDCL	
IPP	RPL(AMT) U-4	270	16/11/2016	21.03		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	16/11/2016	22.36		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	17/11/2016	17.23		Continued.	Zero Schedule by MSEDCL	
IPP	JSW (J) U2	300	01/12/2016	00.00		Continued.	No Schedule	
MSPGCL	Koradi Unit 10	660	07/02/2017	00.10		Continued.	Work Of PG Test.	
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	Koradi Unit 7	210	15/02/2017	14.18		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Nasik Unit 5	210	24/02/2017	14.30		Continued.	Zero Schedule.	
MSPGCL	Khaparkheda Unit 1	210	02/03/2017	13.08		Continued.	zero schedule.	
MSPGCL	Bhusawal Unit 3	210	03/03/2017	06.42		Continued.	zero schedule	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 21/Mar/2017

Position as on 6.30 Hrs of 22/Mar/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 4	210	07/03/2017	07.19		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	10/03/2017	23.50	22/03/2017	04.27	Zero Schedule.	
MSPGCL	Khaparkheda Unit 2	210	16/03/2017	12.02		Continued.	Boiler Tube Leakage	
MSPGCL	Koyna STG- IV Unit - 1	250	17/03/2017	10.45		Continued.	Turbine bearing Vabration high	
MSPGCL	Chandrapur Unit 9	500	20/03/2017	22.38	21/03/2017	11.17	Station Incomer Supply Fail.	
MSPGCL	Khaparkheda Unit 5	500	21/03/2017	16.57		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	21/03/2017	22.45	22/03/2017	02.41	Drum level High	
CPP	SWPGL U-4	135	22/03/2017	00.01		Continued.	SSC Chain Broken.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 21/Mar/2017

Statement-VII

Position as on 6.30 Hrs of 22/Mar/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Tripping							
Chandrapur - Padghe HvdC Pole 2	IntraState	20/03/2017	22.38	22/03/2017	02.55	T	Due To B Phase CT Burst At Chandrapur End.
400 KV LINE Outages/Tripping							
Dhule Sar'Sarovar I	InterState	20/03/2017	22.17	21/03/2017	08.40	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	21/03/2017	21.21	22/03/2017	06.44	HT	Over Voltage
Karad-Jaigad - I	IntraState	20/03/2017	09.02	21/03/2017	21.43	PO	Replacement Of Insulator Work RFC 20:41.
Khadka-Aurangabad (Waluj)	IntraState	20/03/2017	20.52	21/03/2017	05.57	HT	Over Voltage
Chandrapur-II - Nanded	IntraState	21/03/2017	00.33	21/03/2017	10.33	PO	Attending Hot Spot
Jaigad-New Koyna Ckt-I	IntraState	21/03/2017	05.46		Continued.	T	Distance Protection
Bhusawal-Aurangabad	IntraState	21/03/2017	21.48		Continued.	HT	Over Voltage
400 KV ICT Outages/Tripping							
400/220/33 Kv 315 Mva ICT I @Akola	IntraState	21/03/2017	09.49	21/03/2017	19.31	PO	Testing Work
220 KV LINE Outages/Tripping							
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer 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	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Miraj - Mhaishal	IntraState	14/03/2017	14.50		Continued.	PO	Construction Work.
Trombay Dharavi 9	IntraState	20/03/2017	08.40	21/03/2017	20.33	PO	Routine Maintenance Work
Borivali - Ghodbunder	IntraState	20/03/2017	11.48	21/03/2017	04.31	PO	Replacement Work Stub Bus Conductor.
Main Bus I @ Kalwa	IntraState	21/03/2017	06.17	21/03/2017	09.11	PO	Dammaged Bus Conductor Replacement Work.
Versova Gorai Line	IntraState	21/03/2017	09.30	21/03/2017	19.52	PO	Insulator Replacement Work
Niwali - Pawas Line	IntraState	21/03/2017	13.02	21/03/2017	18.33	PO	Line Signature Work.
220 KV ICT Outages/Tripping							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-I @Borivali	IntraState	20/03/2017	12.08	21/03/2017	03.06	PO	SAFETY PURPOSE DUE TO STUB BUS CONDUCTOR REPLACEMENT.
220/33kV 100 MVA Transformer 1 @Ghodbunder R/S	IntraState	21/03/2017	09.12	21/03/2017	19.52	PO	CT Replacement Work.
132 KV LINE Outages/Tripping							
Mansar Pench	InterState	21/03/2017	11.25	21/03/2017	14.19	PO	Line Signature Work.
100 KV LINE Outages/Tripping							
Borivali II - TATA II	IntraState	20/03/2017	12.06	21/03/2017	03.18	PO	DUE TO ICT OUTAGE.

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