

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Mar/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.712	2778.676	1) Gujrat	-1.735	-1.473
2) Hydro	17.307	256.251	2) Madhya Pradesh	15.394	319.206
3) Gas	10.507	228.633	3) Chattisgarh	5.380	183.890
Total MSPGCL	161.526	3263.560	4) Maharashtra Net	133.714	2845.055
B) 1) APML	77.537	1571.378	5) Goa (Amona)	-0.660	-14.634
2) JSWEL	17.105	362.914	Total	152.093	3332.044
3) VIPL	14.241	190.737	a) Mumbai Schedule	24.351	433.518
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.857	488.135
5) WPCL	2.149	68.715	c) MSEDCL Bilateral *	33.385	776.843
6) PGPL	0.000	0.000	Include PX	8.458	156.265
7) Other IPP	5.915	131.329	d) Mumbai Bilateral *	24.351	433.518
C) 1) TPCL Thermal	15.338	311.403	Include PX	5.183	129.284
2) TPCL Hydro	4.312	84.525	Include Standby	0.000	0.000
3) TPCL Gas	4.541	97.966	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.389	227.990	1) MSEDCL	411.200	8642.489
D) STATE			2) Mumbai Discoms	60.437	1210.010
1) Thermal	277.386	5643.142	TOTAL STATE	471.637	9852.499
(A1+C1+C4+(B1-B6))					
2) Hydro	21.619	340.776			
(A2+C2)					
3) Gas	15.048	326.599			
(A3+B6+C3)					
4) Wind	4.128	179.050			
6) SOLAR	1.363	30.897			
TOTAL STATE	319.544	6520.464			

* 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	5737	5791	5756	5135
MSPGCL Hydro	1494	1514	569	137
MSPGCL Gas	421	416	425	453
MSPGCL Total Generation	7652	7721	6750	5725
Central Sector Receipt	7038	7344	6163	5288
WIND	66	30	252	336
CPP / IPP Thermal	4874	4885	4866	4899
CPP / IPP Gas	0	0	0	0
SOLAR	188	193	0	0
Exchange with Mumbai	-1266	-1343	-1254	-631
MSEDCL DEMAND MET	18552	18830	16777	15617
Load Shedding	0	0	0	0
MSEDCL DEMAND	18552	18830	16777	15617
TPCL GENERATION	1377	1247	1048	708
R-INFRA GENERATION	490	496	493	509
MUMBAI DEMAND	3133	3086	2795	1848
STATE DEMAND MET	21685	21916	19572	17465
STATE DEMAND	21685	21916	19572	17465
Frequency (Hz)	49.93	49.95	49.92	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 18.01 Hrs	49.67 Hz at 15.46 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 22/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	14.58	295.03	660	502
Unit 9	8.95	190.31	401	313
Unit 10	0.00	0.00	0	0
Total	23.54	485.35		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	9.06	0	0
Unit 4	11.93	230.20	510	370
Unit 5	11.93	230.78	510	400
Total	23.86	470.04		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.90	118.95	250	210
Unit 7	5.91	116.46	256	206
Unit 8	1.89	5.07	183	0
Total	13.70	240.48		
Chandrapur				
Unit 3	4.57	97.81	193	185
Unit 4	4.69	84.30	198	192
Unit 5	10.60	221.81	450	430
Unit 6	10.63	192.27	458	420
Unit 7	0.00	0.00	0	0
Unit 8	9.68	139.83	432	360
Unit 9	7.09	159.47	380	0
Total	47.27	895.48		
Paras				
Unit 3	5.95	28.51	254	206
Unit 4	5.91	121.87	253	210
Total	11.85	150.38		
Khaparkheda				
Unit 1	2.50	8.82	195	0
Unit 2	0.00	57.16	0	0
Unit 3	2.86	45.89	180	0
Unit 4	0.00	26.57	0	0
Unit 5	0.00	215.62	0	0
Total	5.36	354.05		
Nasik				
Unit 3	4.07	91.89	185	165
Unit 4	4.06	91.01	190	162
Unit 5	0.00	0.00	0	0
Total	8.13	182.90		
Uran				
All Units	10.51	228.63	454	416
Total	10.51	228.63		
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)	0.14	2.64	44	0
Total	0.14	2.64		
Koyna				
Stage 1-2	5.61	67.48	500	40
Stage 4	5.93	58.43	690	0
Stage 3	2.48	27.79	240	0
Total	14.02	153.70		
Hydro				
KDPH	0.42	17.07	18	17
VTRNA	1.18	26.57	58	10
TILLARI	0.00	7.52	0	0
BHTGR/VEER	0.00	0.53	0	0
BHIRA T.R.	0.30	4.53	80	0
RNGR+BHTSA	0.31	6.90	14	13
BHANDARDRA	0.49	10.56	21	20
ELDARY	0.00	2.83	0	0
SMLHY_PTN	0.50	11.29	21	20
GHATGHAR	0.08	14.74	55	0
Total	3.29	102.55		
Wind				
Total	4.13	179.05	0	0
Total	4.13	179.05		
CPP				
APML(Mus)	77.54	1571.38	0	0
JSWEL(Mus)	17.10	362.91	0	0
VIPL(Mus)	14.24	190.74	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.15	68.72	0	0
Other(Mus)	5.92	131.33	0	0
Total	116.95	2325.07		
SOLAR				
Total	1.36	30.90	0	0
Total	1.36	30.90		
Tata				
Trombay 5	9.94	197.38	499	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.92	62.79	124	119
Trombay 7B	1.62	35.18	69	67
Trombay 8	5.40	114.02	249	199
TATA Hydro	4.31	84.52	459	0
Total	24.19	493.89		
R-INFRA				
DTPS U-1&2	11.39	227.99	510	387
Total	11.39	227.99		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.71	2778.68	MSPGCL Total	161.53	3263.56
			MSPGCL Thml+Gas	144.22	3007.31	Koyna 1,2 & 4 Total	11.54	125.91
			MSPGCL Hydro	17.31	256.25	State Total	319.54	6520.46

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	5152	691	452	6295	230	4926	0	0	5692	5541	-756	16236	0	16236	2164	18400	50.00
2	5135	277	450	5862	288	4921	0	0	5655	5599	-633	16037	0	16037	1971	18008	49.94
3	5135	137	453	5725	336	4899	0	0	5627	5288	-631	15617	0	15617	1848	17465	49.98
4	5249	165	451	5865	310	4890	0	0	5614	5613	-650	16028	0	16028	1761	17789	49.97
5	5352	176	452	5980	273	4838	0	0	5626	5611	-654	16048	0	16048	1749	17797	49.96
6	5407	277	451	6135	259	4857	0	0	5644	5535	-546	16240	0	16240	1814	18054	49.93
7	5541	1290	450	7281	242	4850	0	0	5916	6049	-555	17867	0	17867	2005	19872	49.94
8	5636	1282	454	7372	200	4846	0	25	6530	6595	-654	18384	0	18384	2155	20539	49.99
9	5592	904	452	6948	143	4889	0	82	6690	6879	-890	18051	0	18051	2552	20603	49.95
10	5608	814	448	6870	120	4885	0	127	6523	6536	-999	17539	0	17539	2800	20339	49.95
11	5677	1208	425	7310	86	4869	0	166	6709	6758	-1209	17980	0	17980	3086	21066	49.93
12	5737	1494	421	7652	66	4874	0	188	7229	7038	-1266	18552	0	18552	3133	21685	49.93
13	5791	1514	416	7721	30	4885	0	193	7399	7344	-1343	18830	0	18830	3086	21916	49.95
14	5768	1162	426	7356	38	4863	0	187	7360	7140	-1276	18308	0	18308	2964	21272	49.93
15	5823	1051	416	7290	42	4878	0	158	7383	7570	-1303	18635	0	18635	2986	21621	49.91
16	5857	1193	419	7469	48	4871	0	124	7407	7167	-1246	18433	0	18433	2973	21406	49.86
17	5846	1029	421	7296	60	4850	0	80	6803	6832	-1274	17844	0	17844	2970	20814	50.01
18	5836	669	420	6925	109	4851	0	31	6376	6648	-1219	17345	0	17345	2895	20240	49.95
19	5830	287	437	6554	221	4837	0	2	6302	6238	-1336	16516	0	16516	2750	19266	49.95
20	5756	569	425	6750	252	4866	0	0	6197	6163	-1254	16777	0	16777	2795	19572	49.92
21	5665	231	437	6333	272	4861	0	0	6280	5788	-1337	15917	0	15917	2657	18574	49.91
22	5244	269	442	5955	204	4891	0	0	6274	6197	-1368	15879	0	15879	2525	18404	49.87
23	5531	155	436	6122	149	4871	0	0	6151	6045	-1317	15870	0	15870	2424	18294	49.95
24	5544	463	453	6460	150	4879	0	0	5991	5919	-1141	16267	0	16267	2374	18641	49.93
MUs	133.71	17.31	10.51	161.53	4.13	116.95	0.00	1.36	153.38	152.09	-24.86	411.20	0.00	411.20	60.44	471.64	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 22/Mar/2017

Position as on 6.30 Hrs of 23/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	22/03/2017	08.12	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 22/Mar/2017

Position as on 6.30 Hrs of 23/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	Koyana STG- IV Unit - 1	250	17/03/2017	10.45		Continued.	Turbine bearing Vabration high	
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.	
MSPGCL	Parli Unit 8	250	22/03/2017	08.55	22/03/2017	14.02	Boiler Tube Leakage	
MSPGCL	Parli Unit 8	250	22/03/2017	22.55	23/03/2017	01.40	Drum level low	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Mar/2017

Statement-VII

Position as on 6.30 Hrs of 23/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/Trippings							
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/Trippings							
Dhule Sar'Sarovar II	InterState	21/03/2017	21.21	22/03/2017	06.44	HT	Over Voltage
Koradi Bhilai	InterState	22/03/2017	09.18	22/03/2017	18.42	PO	for line crossing
Dabhol New koyna I	InterState	22/03/2017	09.43	22/03/2017	14.29	PO	Routine Maintenance Work
Chandrapur-II - Warora - I	InterState	22/03/2017	10.08	22/03/2017	17.32	PO	Routine Maintenance Work
Jaigad-New Koyna Ckt-I	IntraState	21/03/2017	05.46		Continued.	T	Distance Protection
Bhusawal-Aurangabad	IntraState	21/03/2017	21.48	22/03/2017	07.03	HT	Over Voltage
Akola-Nandgaonpeth (RPL)	IntraState	22/03/2017	08.58	22/03/2017	23.52	PO	Routine Maintenance Work
Koradi-Bhusawal	IntraState	22/03/2017	12.51	22/03/2017	17.45	HT	for attending fault.
Jaigad-New Koyna Ckt-II	IntraState	22/03/2017	15.24	22/03/2017	20.01	PO	safety purpose for replacement of cvt of jaigad 1.
New Koyna - Dabhol-I	IntraState	22/03/2017	15.55	22/03/2017	17.02	PO	supervision problem.
220 KV LINE Outages/Trippings							
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.
Pophli Pedhmbe Line- 1	IntraState	22/03/2017	08.20	22/03/2017	17.20	PO	Routine Maintenance Work
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	22/03/2017	09.14	22/03/2017	13.24	PO	LINE SIGNATURE TEST.
Badnera-Akola I	IntraState	22/03/2017	09.48	22/03/2017	23.33	PO	AT OVERHEAD CROSSING TO AKOLA BADNERA CKT 1 AND 2.
Badnera-Akola li	IntraState	22/03/2017	09.48	22/03/2017	23.42	PO	AT OVERHEAD CROSSING TO AKOLA BADNERA CKT 1 AND 2.
Paranda-Barshi	IntraState	22/03/2017	10.20	22/03/2017	21.05	PO	Routine Maintenance Work
Vita - Ghatnandre	IntraState	22/03/2017	10.23	22/03/2017	11.42	PO	diagnostic testing work.
Chikhli-Jalna-I	IntraState	22/03/2017	11.24	22/03/2017	11.47	T	Distance Protection
Umred-Virangana 1	IntraState	22/03/2017	13.42	22/03/2017	14.30	PO	CARRYING OUT SIGNATURE TEST.
Baramati - Kurkumbh	IntraState	22/03/2017	16.43	22/03/2017	18.00	PO	Attending Hot Spot
Vsnl-512 Khadki	IntraState	22/03/2017	17.52	22/03/2017	18.19	T	tree cutting work.
Kadegaon-Miraj	IntraState	23/03/2017	03.28	23/03/2017	04.15	T	Bus Bar Protection Operated
Vita - Miraj	IntraState	23/03/2017	03.28	23/03/2017	03.55	T	Bus Bar Protection Operated
Miraj - Ichalkaranji II	IntraState	23/03/2017	03.28		Continued.	T	RBH CT BRUST Bus Bar Protection Operated.
220 KV ICT Outages/Trippings							
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)
220/132 Kv 200 MVA ICT III @Ambazari	IntraState	22/03/2017	10.17	22/03/2017	11.11	PO	Attending Oil Leakages of ICT
220/132 Kv 100 Mva Ict 2 @Sawangi	IntraState	22/03/2017	12.45	22/03/2017	15.50	PO	DIAGNOSTIC TESTING WORK.
132 KV LINE Outages/Trippings							
Sawangi - Cosmofilms	IntraState	21/03/2017	18.22	22/03/2017	00.04	T	Distance Protection
Gondia-Amgaon 1	IntraState	22/03/2017	07.05	22/03/2017	09.25	PO	DIAGNOSTIC TESTING WORK.
Georai - Mahakala	IntraState	22/03/2017	09.06	22/03/2017	11.02	PO	CARRYING OUT SIGNATURE TEST.

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/2017

Statement-VII

Position as on 6.30 Hrs of 23/Mar/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Gondia-Amgaon li	IntraState	22/03/2017	09.35	22/03/2017	11.40	PO	DIAGNOSTIC TESTING WORK.
Paithan-Rajpimpri	IntraState	22/03/2017	10.14	22/03/2017	13.55	PO	CARRYING OUT SIGNATURE TEST.
Digras-Darwha	IntraState	22/03/2017	11.50	22/03/2017	16.25	PO	Line Maintenance work
100 KV LINE Outages/Trippings							
Kalwa-Kalyan	IntraState	22/03/2017	09.28	22/03/2017	19.42	PO	tree trimming.
Kolshet - Vasai	IntraState	22/03/2017	10.48	22/03/2017	14.47	PO	tree cutting.