

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Mar/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.218	2914.894	1) Gujrat	-5.231	-6.704
2) Hydro	19.023	275.274	2) Madhya Pradesh	12.337	331.543
3) Gas	10.450	239.083	3) Chattisgarh	9.320	193.210
Total MSPGCL	165.691	3429.251	4) Maharashtra Net	121.806	2966.861
B) 1) APML	77.273	1648.651	5) Goa (Amona)	-0.814	-15.448
2) JSWEL	17.824	380.738	Total	137.418	3469.462
3) VIPL	13.920	204.657	a) Mumbai Schedule	22.778	456.296
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.405	513.540
5) WPCL	1.859	70.574	c) MSEDCL Bilateral *	31.188	808.031
6) PGPL	0.000	0.000	Include PX	5.807	162.072
7) Other IPP	5.504	136.833	d) Mumbai Bilateral *	22.778	456.296
C) 1) TPCL Thermal	15.109	326.512	Include PX	3.938	133.222
2) TPCL Hydro	4.424	88.949	Include Standby	0.000	0.000
3) TPCL Gas	4.516	102.482	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.908	238.898	1) MSEDCL	400.743	9043.232
D) STATE			2) Mumbai Discoms	60.362	1270.372
1) Thermal	278.615	5921.757	TOTAL STATE	461.105	10313.604
(A1+C1+C4+(B1-B6))					
2) Hydro	23.447	364.223			
(A2+C2)					
3) Gas	14.966	341.565			
(A3+B6+C3)					
4) Wind	5.299	184.349			
6) SOLAR	1.360	32.257			
TOTAL STATE	323.687	6844.151			

* 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	5683	5850	5954	5423
MSPGCL Hydro	1650	1866	351	117
MSPGCL Gas	419	419	453	449
MSPGCL Total Generation	7752	8135	6758	5989
Central Sector Receipt	7195	6819	6152	5487
WIND	79	63	368	184
CPP / IPP Thermal	4849	4818	4864	4776
CPP / IPP Gas	0	0	0	0
SOLAR	181	193	0	0
Exchange with Mumbai	-1261	-1218	-1275	-691
MSEDCL DEMAND MET	18795	18810	16867	15745
Load Shedding	0	16	0	0
MSEDCL DEMAND	18795	18826	16867	15745
TPCL GENERATION	1344	1359	1110	697
R-INFRA GENERATION	485	500	387	387
MUMBAI DEMAND	3090	3077	2772	1775
STATE DEMAND MET	21885	21887	19639	17520
STATE DEMAND	21885	21903	19639	17520
Frequency (Hz)	49.93	49.97	49.97	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.02 Hrs	49.72 Hz at 00.10 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 23/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	12.49	307.52	536	490
Unit 9	8.52	198.83	381	334
Unit 10	0.00	0.00	0	0
Total	21.01	506.36		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	9.06	0	0
Unit 4	11.59	241.80	510	365
Unit 5	11.86	242.64	505	370
Total	23.45	493.49		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.66	124.60	250	195
Unit 7	5.70	122.16	252	191
Unit 8	3.13	8.20	213	0
Total	14.49	254.96		
Chandrapur				
Unit 3	4.62	102.42	197	187
Unit 4	4.66	88.95	196	191
Unit 5	10.36	232.17	445	420
Unit 6	10.35	202.62	446	412
Unit 7	0.00	0.00	0	0
Unit 8	10.74	150.57	500	381
Unit 9	9.02	168.49	393	354
Total	49.75	945.23		
Paras				
Unit 3	5.82	34.33	255	203
Unit 4	5.72	127.59	256	168
Total	11.54	161.92		
Khaparkheda				
Unit 1	3.08	11.90	170	0
Unit 2	1.99	59.15	190	0
Unit 3	2.62	48.51	140	0
Unit 4	0.00	26.57	0	0
Unit 5	0.00	215.62	0	0
Total	7.69	361.74		
Nasik				
Unit 3	4.12	96.02	195	165
Unit 4	4.17	95.18	200	163
Unit 5	0.00	0.00	0	0
Total	8.29	191.19		
Uran				
All Units	10.45	239.08	456	409
Total	10.45	239.08		
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)	0.15	2.79	40	0
Total	0.15	2.79		
Koyna				
Stage 1-2	5.45	72.92	550	40
Stage 4	7.27	65.71	756	0
Stage 3	2.85	30.64	240	0
Total	15.57	169.27		
Hydro				
KDPH	0.42	17.49	18	17
VTRNA	1.00	27.57	58	0
TILLARI	0.00	7.52	0	0
BHTGR/VEER	0.00	0.53	0	0
BHIRA T.R.	0.26	4.79	40	0
RNGR+BHTSA	0.31	7.21	14	13
BHANDARDRA	0.48	11.05	21	17
ELDARY	0.00	2.83	0	0
SMLHY_PTN	0.49	11.79	21	20
GHATGHAR	0.48	15.22	250	0
Total	3.45	106.00		
Wind				
Total	5.30	184.35	0	0
Total	5.30	184.35		
CPP				
APML(Mus)	77.27	1648.65	0	0
JSWEL(Mus)	17.82	380.74	0	0
VIPL(Mus)	13.92	204.66	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	1.86	70.57	0	0
Other(Mus)	5.50	136.83	0	0
Total	116.38	2441.45		
SOLAR				
Total	1.36	32.26	0	0
Total	1.36	32.26		
Tata				
Trombay 5	9.69	207.07	495	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.90	65.69	122	108
Trombay 7B	1.62	36.79	68	64
Trombay 8	5.42	119.44	249	199
TATA Hydro	4.42	88.95	436	39
Total	24.05	517.94		
R-INFRA				
DTPS U-1&2	10.91	238.90	506	385
Total	10.91	238.90		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	136.22	2914.89	MSPGCL Total	165.69	3429.25
			MSPGCL Thml+Gas	146.67	3153.98	Koyna 1,2 & 4 Total	12.72	138.63
			MSPGCL Hydro	19.02	275.27	State Total	323.69	6844.15

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	5578	403	446	6427	139	4896	0	0	5725	5912	-843	16531	0	16531	2182	18713	49.87
2	5603	113	448	6164	208	4876	0	0	5727	5528	-754	16022	0	16022	1980	18002	49.95
3	5471	118	449	6038	184	4877	0	0	5763	5447	-766	15780	0	15780	1849	17629	49.92
4	5423	117	449	5989	184	4776	0	0	5572	5487	-691	15745	0	15745	1775	17520	49.95
5	5490	117	450	6057	267	4709	0	0	5459	5518	-682	15869	0	15869	1767	17636	49.91
6	5664	386	453	6503	327	4822	0	0	5445	5624	-636	16640	0	16640	1845	18485	49.91
7	5623	1188	456	7267	283	4877	0	0	5803	5988	-567	17848	0	17848	2025	19873	49.94
8	5639	1227	449	7315	242	4872	0	25	6043	6114	-617	17951	0	17951	2169	20120	49.98
9	5522	1388	444	7354	174	4862	0	78	6211	6321	-809	17980	0	17980	2464	20444	49.98
10	5508	1262	426	7196	131	4857	0	132	6382	6572	-1023	17865	0	17865	2804	20669	49.95
11	5572	1468	431	7471	100	4853	0	164	6659	6642	-1168	18062	0	18062	3025	21087	49.98
12	5683	1650	419	7752	79	4849	0	181	6934	7195	-1261	18795	0	18795	3090	21885	49.93
13	5850	1866	419	8135	63	4818	0	193	6893	6819	-1218	18810	16	18826	3077	21903	49.97
14	5830	1227	409	7466	35	4815	0	176	7011	7094	-1275	18311	8	18319	2967	21286	49.96
15	5743	1418	414	7575	51	4844	0	165	7041	7023	-1325	18333	0	18333	3014	21347	49.90
16	5849	1476	413	7738	72	4873	0	130	7144	7091	-1230	18674	0	18674	3029	21703	49.86
17	5989	1047	423	7459	227	4891	0	84	6961	6798	-1300	18159	0	18159	2986	21145	49.90
18	6011	645	438	7094	312	4836	0	31	6359	6280	-1300	17253	0	17253	2908	20161	49.95
19	5991	279	416	6686	420	4851	0	1	6308	5996	-1480	16474	0	16474	2778	19252	49.98
20	5954	351	453	6758	368	4864	0	0	6159	6152	-1275	16867	0	16867	2772	19639	49.97
21	5457	314	430	6201	359	4865	0	0	6058	6090	-1363	16152	0	16152	2641	18793	49.93
22	5405	559	429	6393	332	4867	0	0	5941	6019	-1339	16272	0	16272	2474	18746	49.94
23	5626	224	442	6292	360	4866	0	0	6033	5966	-1279	16205	0	16205	2400	18605	49.92
24	5737	180	444	6361	382	4863	0	0	5919	5912	-1204	16314	0	16314	2341	18655	49.95
MUs	136.22	19.02	10.45	165.69	5.30	116.38	0.00	1.36	149.55	149.59	-25.40	412.91	0.02	412.94	60.36	473.30	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 23/Mar/2017

Position as on 6.30 Hrs of 24/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	Bhusawal Unit 3	210	03/03/2017	06.42		Continued.	zero schedule	
MSPGCL	Khaparkheda Unit 4	210	07/03/2017	07.19		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/Mar/2017

Position as on 6.30 Hrs of 24/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 2	210	16/03/2017	12.02	23/03/2017	09.51	Boiler Tube Leakage	
MSPGCL	Koyna 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	
CPP	SWPGL U-4	135	22/03/2017	00.01		Continued.	SSC Chain Broken.	
MSPGCL	Parli Unit 8	250	22/03/2017	22.55	23/03/2017	01.40	Drum level low	
MSPGCL	Parli Unit 8	250	23/03/2017	07.35	23/03/2017	09.53	Drum level low	
MSPGCL	Khaparkheda Unit 1	210	23/03/2017	08.44	23/03/2017	11.59	Flame Failure	
MSPGCL	Khaparkheda Unit 3	210	23/03/2017	19.38		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 23/Mar/2017

Statement-VII

Position as on 6.30 Hrs of 24/Mar/2017

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							
Dhule Sar'Sarovar II	InterState	23/03/2017	13.13	23/03/2017	18.19	T	Distance Protection
Jaigad-New Koyna Ckt-I	IntraState	21/03/2017	05.46		Continued.	T	Distance Protection
Koradi-Bhusawal	IntraState	23/03/2017	08.16	23/03/2017	09.15	T	Distance Protection
Jaigad-New Koyna Ckt-II	IntraState	23/03/2017	10.30	23/03/2017	20.19	HT	CT Replacement work
Bhusawal-Aurangabad	IntraState	23/03/2017	20.01	24/03/2017	06.44	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500MVA ICT II @ Nanded	IntraState	23/03/2017	12.30	23/03/2017	15.02	PO	Quarterly Maintainance Work
220 KV LINE Outages/Trippings							
Mahalakshmi Amona	InterState	24/03/2017	00.27	24/03/2017	00.46	T	Tripped at Amona end only
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.
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	23/03/2017	15.12	T	Bus Bar Protection Operated.
Kadegaon-Miraj	IntraState	23/03/2017	03.28	23/03/2017	04.15	T	Bus Bar Protection Operated
Baramati- Kalyani	IntraState	23/03/2017	10.05	23/03/2017	13.30	EO	To attend Hot Spot
Uran - Kharghar 2	IntraState	23/03/2017	10.23	23/03/2017	17.56	PO	Disc Insulator replacement work
Alephata-Pargaon(Kathapur)	IntraState	23/03/2017	12.03		Continued.	PO	Buching work
Kadegaon-Miraj	IntraState	23/03/2017	13.25	23/03/2017	14.27	T	Distance Protection
Nanded-Parbhani	IntraState	23/03/2017	13.37	23/03/2017	15.52	PO	Carrying out Signature Test
Kandalgaon - Pirangut	IntraState	23/03/2017	14.18	23/03/2017	18.10	PO	Tree Cutting work
Kalwa - Taloja	IntraState	23/03/2017	14.21	23/03/2017	18.28	PO	Testing Work
Centuri Enka- Bhosari	IntraState	23/03/2017	14.25	23/03/2017	16.55	PO	Routine Maintenance Work
Miraj - Ichalkaranji II	IntraState	23/03/2017	22.12		Continued.	T	Y Phase PT Burst at Miraj, Line tripped Ichalkaranji end only
Kadegaon-Miraj	IntraState	23/03/2017	22.12	23/03/2017	22.30	T	Y Phase PT Burst at Miraj, Line tripped Kadegaon end only
Vita - Miraj	IntraState	23/03/2017	22.12	23/03/2017	22.52	T	Y Phase PT Burst at Miraj, Line tripped Vita end only
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)
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	22/03/2017	10.30	23/03/2017	19.15	PO	Isolator maint.work
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	23/03/2017	09.05	23/03/2017	14.14	PO	Main Bus isolator Hot spot
220/132 Kv 100 Mva Ict 2 @Bhokardan	IntraState	23/03/2017	10.50	23/03/2017	17.39	PO	Quarterly Maintainance Work
220/132 Kv 200 MVA ICT-III @Phursungi	IntraState	23/03/2017	15.18	23/03/2017	18.18	EO	To attend Hot Spot
220/132 KV 100MVA ICT-I @ Walchandnagar	IntraState	23/03/2017	16.35	23/03/2017	18.00	PO	Attending Oil Leakage
200KV 200MVA ICT @Ranjangaon	IntraState	23/03/2017	16.41	23/03/2017	19.30	PO	Testing Work
132 KV LINE Outages/Trippings							
Partur-Bageshwari	IntraState	23/03/2017	12.54	23/03/2017	13.00	T	33KV Feeder Fault

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