

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Mar/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	157.912	3504.099	1) Gujrat	-3.288	-27.049
2) Hydro	22.912	359.928	2) Madhya Pradesh	10.141	383.679
3) Gas	10.231	277.175	3) Chattisgarh	6.650	223.650
Total MSPGCL	191.055	4141.202	4) Maharashtra Net	132.568	3507.248
B) 1) APML	61.794	1909.019	5) Goa (Amona)	-0.858	-18.814
2) JSWEL	18.413	452.939	Total	145.213	4068.714
3) VIPL	14.236	261.414	a) Mumbai Schedule	22.205	542.494
4) RPL(AMT)	3.328	3.328	b) Mumbai Drawl	25.140	605.033
5) WPCL	2.745	79.421	c) MSEDCL Bilateral *	27.798	932.714
6) PGPL	0.000	0.000	Include PX	1.825	177.866
7) Other IPP	5.176	157.699	d) Mumbai Bilateral *	22.205	542.494
C) 1) TPCL Thermal	17.007	390.855	Include PX	4.354	145.438
2) TPCL Hydro	5.163	103.255	Include Standby	0.000	0.000
3) TPCL Gas	4.363	120.301	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.080	285.750	1) MSEDCL	424.450	10717.323
D) STATE			2) Mumbai Discoms	63.752	1505.181
1) Thermal	292.691	7044.524	TOTAL STATE	488.202	12222.504
(A1+C1+C4+(B1-B6))					
2) Hydro	28.075	463.183			
(A2+C2)					
3) Gas	14.594	397.476			
(A3+B6+C3)					
4) Wind	6.260	211.008			
6) SOLAR	1.370	37.612			
TOTAL STATE	342.990	8153.803			

* 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	6634	6616	6572	6579
MSPGCL Hydro	1901	1813	1214	204
MSPGCL Gas	402	400	415	447
MSPGCL Total Generation	8937	8829	8201	7230
Central Sector Receipt	6443	6465	5892	5457
WIND	393	280	80	455
CPP / IPP Thermal	4426	4491	4342	4250
CPP / IPP Gas	0	0	0	0
SOLAR	184	193	0	0
Exchange with Mumbai	-1367	-1363	-1156	-551
MSEDCL DEMAND MET	19016	18895	17359	16841
Load Shedding	394	650	0	0
MSEDCL DEMAND	19410	19545	17359	16841
TPCL GENERATION	1372	1377	1309	825
R-INFRA GENERATION	489	499	506	509
MUMBAI DEMAND	3228	3239	2971	1885
STATE DEMAND MET	22244	22134	20330	18726
STATE DEMAND	22638	22784	20330	18726
Frequency (Hz)	49.99	49.97	49.97	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 07.00 Hrs	49.63 Hz at 18.58 Hrs	49.96	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 27/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	3.82	11.24	165	150
Unit 8	13.18	357.85	620	385
Unit 9	14.28	243.29	621	548
Unit 10	0.00	0.00	0	0
Total	31.27	612.39		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.68	22.12	200	190
Unit 4	0.71	271.41	300	0
Unit 5	8.18	282.10	350	300
Total	13.57	575.62		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.52	147.64	248	182
Unit 7	5.81	145.57	248	223
Unit 8	3.27	19.80	167	97
Total	14.60	313.01		
Chandrapur				
Unit 3	4.70	121.06	200	181
Unit 4	4.64	107.49	196	190
Unit 5	10.38	273.65	445	425
Unit 6	10.44	244.29	450	423
Unit 7	0.00	0.00	0	0
Unit 8	10.76	188.84	523	290
Unit 9	10.36	199.62	454	390
Total	51.28	1134.95		
Paras				
Unit 3	5.67	57.83	254	176
Unit 4	5.96	151.51	258	239
Total	11.63	209.34		
Khaparkheda				
Unit 1	4.08	27.88	175	155
Unit 2	3.98	75.18	190	110
Unit 3	4.43	53.13	200	146
Unit 4	4.01	33.29	190	146
Unit 5	10.64	245.07	490	380
Total	27.14	434.56		
Nasik				
Unit 3	4.20	112.78	195	165
Unit 4	0.00	100.02	0	0
Unit 5	4.22	11.43	199	166
Total	8.41	224.24		
Uran				
All Units	10.23	277.18	457	395
Total	10.23	277.18		
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)	0.46	3.46	50	0
Total	0.46	3.46		
Koyna				
Stage 1-2	6.74	97.05	555	40
Stage 4	8.47	98.02	761	0
Stage 3	3.23	43.10	302	0
Total	18.44	238.16		
Hydro				
KDPH	0.54	19.28	23	22
VTRNA	1.29	32.17	61	0
TILLARI	0.00	7.52	0	0
BHTGR/VEER	0.00	0.53	0	0
BHIRA T.R.	0.17	5.58	73	0
RNGR+BHTSA	0.33	8.50	14	13
BHANDARDRA	0.50	13.02	21	20
ELDARY	0.00	2.83	0	0
SMLHY_PTN	0.76	13.94	32	31
GHATGHAR	0.89	18.38	250	0
Total	4.47	121.76		
Wind				
Total	6.26	211.01	0	0
Total	6.26	211.01		
CPP				
APML(Mus)	61.79	1909.02	0	0
JSWEL(Mus)	18.41	452.94	0	0
VIPL(Mus)	14.24	261.41	0	0
RPLAMT(Mus)	3.33	3.33	0	0
WPCL(Mus)	2.74	79.42	0	0
Other(Mus)	5.18	157.70	0	0
Total	105.69	2863.82		
SOLAR				
Total	1.37	37.61	0	0
Total	1.37	37.61		
Tata				
Trombay 5	11.29	249.24	492	338
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.79	77.14	122	99
Trombay 7B	1.57	43.16	67	60
Trombay 8	5.72	141.61	247	200
TATA Hydro	5.16	103.26	459	0
Total	26.53	614.41		
R-INFRA				
DTPS U-1&2	12.08	285.75	509	489
Total	12.08	285.75		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	157.91	3504.10	MSPGCL Total	191.06	4141.20
			MSPGCL Thml+Gas	168.14	3781.27	Koyna 1,2 & 4 Total	15.22	195.07
			MSPGCL Hydro	22.91	359.93	State Total	342.99	8153.80

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	6776	529	436	7741	286	4261	0	0	5875	5816	-880	17224	0	17224	2287	19511	49.96
2	6856	189	446	7491	297	4256	0	0	5730	5576	-710	16910	0	16910	2124	19034	49.98
3	6648	194	446	7288	369	4268	0	0	5731	5532	-581	16876	0	16876	1979	18855	49.97
4	6579	204	447	7230	455	4250	0	0	5724	5457	-551	16841	0	16841	1885	18726	49.98
5	6662	194	446	7302	464	4243	0	0	5755	5727	-611	17125	0	17125	1844	18969	49.97
6	6585	189	446	7220	435	4254	0	0	5801	5821	-592	17138	0	17138	1887	19025	49.96
7	6610	701	449	7760	364	4254	0	0	6347	6244	-559	18063	0	18063	2045	20108	50.02
8	6622	772	457	7851	273	4254	0	24	6429	6371	-603	18170	0	18170	2133	20303	50.06
9	6559	767	446	7772	288	4313	0	79	6479	6693	-814	18331	0	18331	2487	20818	49.99
10	6747	822	421	7990	344	4303	0	124	6100	6050	-969	17842	0	17842	2781	20623	49.99
11	6680	1406	420	8506	419	4343	0	169	6129	6126	-1195	18368	0	18368	3054	21422	49.95
12	6634	1901	402	8937	393	4426	0	184	6176	6443	-1367	19016	394	19410	3228	22638	49.99
13	6616	1813	400	8829	280	4491	0	193	6202	6465	-1363	18895	650	19545	3239	22784	49.97
14	6586	1514	406	8506	230	4480	0	182	6129	6201	-1305	18294	617	18911	3162	22073	49.99
15	6549	1678	395	8622	187	4516	0	166	6068	6127	-1366	18252	491	18743	3226	21969	49.88
16	6547	1754	395	8696	191	4506	0	130	6137	6491	-1432	18582	613	19195	3264	22459	49.92
17	6516	1765	413	8694	177	4520	0	87	6245	6121	-1468	18131	629	18760	3262	22022	49.96
18	6480	1027	412	7919	144	4446	0	32	6260	6586	-1445	17682	44	17726	3094	20820	49.98
19	6530	569	415	7514	114	4305	0	0	6137	6069	-1176	16826	0	16826	2917	19743	49.86
20	6572	1214	415	8201	80	4342	0	0	6056	5892	-1156	17359	0	17359	2971	20330	49.97
21	6424	1159	427	8010	70	4387	0	0	6006	6024	-1285	17206	0	17206	2833	20039	49.93
22	6377	746	425	7548	108	4673	0	0	5806	5925	-1237	17017	0	17017	2709	19726	49.95
23	6379	704	437	7520	148	4757	0	0	5781	5724	-1256	16893	0	16893	2681	19574	49.95
24	6378	1101	429	7908	144	4836	0	0	5805	5732	-1219	17401	0	17401	2661	20062	49.92
MUs	157.91	22.91	10.23	191.06	6.26	105.69	0.00	1.37	144.91	145.21	-25.14	424.45	3.44	427.89	63.75	491.64	49.96

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 27/Mar/2017

Position as on 6.30 Hrs of 28/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	27/03/2017	16.18	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	27/03/2017	07.19	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	Koyna STG- IV Unit - 1	250	17/03/2017	10.45		Continued.	Turbine bearing Vabration high	
CPP	SWPGL U-4	135	22/03/2017	00.01		Continued.	SSC Chain Broken.	
IPP	Adani U-4	660	24/03/2017	22.00		Continued.	Main Steam Stop Valve Block.	
MSPGCL	Nasik Unit 4	210	25/03/2017	05.45		Continued.	BTL continued under zero	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Mar/2017

Position as on 6.30 Hrs of 28/Mar/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							schedule by MSEDCL w.e.f. 26.03.2017 at 00:00	
MSPGCL	Bhusawal Unit 4	500	27/03/2017	02.29	28/03/2017	04.14	Poor Coal bunkering.	
IPP	RPL(AMT) U-5	270	27/03/2017	16.26	27/03/2017	17.58	Breaker feedback problem	
IPP	RPL(AMT) U-1	270	27/03/2017	17.56	27/03/2017	21.12	PA Fan Vibration Problem	
MSPGCL	Bhusawal Unit 4	500	28/03/2017	04.54	28/03/2017	06.22	Class A Protection Fail.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Mar/2017

Statement-VII

Position as on 6.30 Hrs of 28/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	26/03/2017	14.40	27/03/2017	06.04	T	Distance Protection
Dabhol Nagothane I	InterState	28/03/2017	04.57		Continued.	T	Distance Protection
Jaigad-Karad Ckt-I	IntraState	26/03/2017	09.51	27/03/2017	09.01	HT	Insulator repl. work for attending decapping at loc no.24.
Karad - Lonikand 1	IntraState	27/03/2017	13.44	27/03/2017	16.00	T	Distance Protection
Lonikand 1 - Chakan	IntraState	28/03/2017	04.18	28/03/2017	06.32	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220 Kv 315 MVA ICT -I @New Koyana	IntraState	27/03/2017	09.56	27/03/2017	20.36	PO	Testing Work
400/220 KV 500 MVA ICT- II @Warora	IntraState	27/03/2017	12.58		Continued.	PO	Dismantling Work And Will Be Transport At Padgha.
400/220kv, 500 MVA ICT-II @Deepnagar	IntraState	27/03/2017	16.56	27/03/2017	18.03	EO	Attending Oil Leakage
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.
Oni Kharepatan Line	IntraState	27/03/2017	06.17	27/03/2017	17.26	T	Earth Fault.
Kharepatan -Pawas Line	IntraState	27/03/2017	06.56	27/03/2017	07.24	T	Distance Protection
Niwali - Pawas Line	IntraState	27/03/2017	06.56	27/03/2017	07.06	T	Distance Protection
Talandage - Sawantwadi I	IntraState	27/03/2017	09.48	27/03/2017	17.00	PO	Insulator Washing.
Chinchwad-Hinjewadi I	IntraState	27/03/2017	12.49	27/03/2017	18.52	PO	Testing Work
Trombay Salsette 1 Backbay	IntraState	27/03/2017	13.04	27/03/2017	14.50	T	Distance Protection
Nanded-Ghatodi	IntraState	27/03/2017	13.26	27/03/2017	14.51	PO	Line Signature analysis
Centuri Enka- Bhosari	IntraState	27/03/2017	13.31	27/03/2017	16.51	PO	Attending Oil Leakage
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 100MVA ICT @ Kawlewadi	IntraState	27/03/2017	15.06	27/03/2017	15.16	T	Tripped on O/C while charging 200MVA ICT

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