

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Mar/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.444	3346.187	1) Gujrat	-3.690	-23.761
2) Hydro	22.008	337.016	2) Madhya Pradesh	13.717	373.538
3) Gas	7.073	266.944	3) Chattisgarh	7.150	217.000
Total MSPGCL	173.525	3950.147	4) Maharashtra Net	137.894	3374.680
B) 1) APML	62.163	1847.225	5) Goa (Amona)	-0.902	-17.956
2) JSWEL	18.223	434.526	Total	154.169	3923.501
3) VIPL	14.228	247.178	a) Mumbai Schedule	19.743	520.289
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	18.238	579.893
5) WPCL	2.581	76.676	c) MSEDCL Bilateral *	36.309	904.916
6) PGPL	0.000	0.000	Include PX	8.496	176.042
7) Other IPP	4.724	152.523	d) Mumbai Bilateral *	19.743	520.289
C) 1) TPCL Thermal	16.434	373.848	Include PX	1.866	141.083
2) TPCL Hydro	0.619	98.092	Include Standby	0.000	0.000
3) TPCL Gas	4.482	115.938	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.153	273.670	1) MSEDCL	419.264	10292.873
D) STATE			2) Mumbai Discoms	51.923	1441.429
1) Thermal	274.950	6751.833	TOTAL STATE	471.187	11734.302
(A1+C1+C4+(B1-B6))					
2) Hydro	22.627	435.108			
(A2+C2)					
3) Gas	11.555	382.882			
(A3+B6+C3)					
4) Wind	6.534	204.748			
6) SOLAR	1.355	36.242			
TOTAL STATE	317.021	7810.813			

* 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	6243	6374	6177	5629
MSPGCL Hydro	1163	1245	431	936
MSPGCL Gas	276	272	281	286
MSPGCL Total Generation	7682	7891	6889	6851
Central Sector Receipt	7108	7028	6280	5725
WIND	257	139	223	321
CPP / IPP Thermal	4273	4273	4253	4222
CPP / IPP Gas	0	0	0	0
SOLAR	184	190	0	0
Exchange with Mumbai	-876	-891	-920	-507
MSEDCL DEMAND MET	18628	18630	16725	16612
Load Shedding	0	0	0	0
MSEDCL DEMAND	18628	18630	16725	16612
TPCL GENERATION	939	934	897	844
R-INFRA GENERATION	502	506	504	509
MUMBAI DEMAND	2317	2331	2321	1860
STATE DEMAND MET	20945	20961	19046	18472
STATE DEMAND	20945	20961	19046	18472
Frequency (Hz)	49.95	49.94	49.92	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18:03 Hrs	49.76 Hz at 23:08 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 26/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	3.71	7.43	165	140
Unit 8	8.76	344.68	601	0
Unit 9	7.22	229.01	621	0
Unit 10	0.00	0.00	0	0
Total	19.69	581.11		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.61	17.44	200	190
Unit 4	8.36	270.70	370	320
Unit 5	8.35	273.92	365	305
Total	21.32	562.05		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.97	142.12	250	237
Unit 7	6.03	139.75	256	245
Unit 8	2.96	16.53	165	48
Total	14.96	298.40		
Chandrapur				
Unit 3	4.69	116.36	200	191
Unit 4	4.65	102.85	199	189
Unit 5	10.42	263.27	445	420
Unit 6	10.42	233.86	445	425
Unit 7	0.00	0.00	0	0
Unit 8	10.43	178.08	500	345
Unit 9	6.36	189.26	453	0
Total	46.96	1083.67		
Paras				
Unit 3	6.00	52.16	255	244
Unit 4	6.00	145.55	253	245
Total	12.00	197.71		
Khaparkheda				
Unit 1	3.65	23.80	185	135
Unit 2	3.97	71.21	185	140
Unit 3	0.19	48.70	112	0
Unit 4	2.71	29.28	182	0
Unit 5	10.54	234.42	500	395
Total	21.06	407.42		
Nasik				
Unit 3	4.23	108.59	195	170
Unit 4	0.00	100.02	0	0
Unit 5	4.23	7.21	198	167
Total	8.46	215.82		
Uran				
All Units	7.07	266.94	384	271
Total	7.07	266.94		
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)	0.08	3.00	34	0
Total	0.08	3.00		
Koyna				
Stage 1-2	5.38	90.30	505	40
Stage 4	9.97	89.55	758	0
Stage 3	3.53	39.87	240	0
Total	18.87	219.72		
Hydro				
KDPH	0.41	18.74	17	17
VTRNA	1.32	30.88	60	0
TILLARI	0.00	7.52	0	0
BHTGR/VEER	0.00	0.53	0	0
BHIRA T.R.	0.14	5.42	80	0
RNGR+BHTSA	0.33	8.18	14	13
BHANDARDRA	0.49	12.53	38	12
ELDARY	0.00	2.83	0	0
SMLHY_PTN	0.45	13.18	19	18
GHATGHAR	0.00	17.49	0	0
Total	3.14	117.30		
Wind				
Total	6.53	204.75	0	0
Total	6.53	204.75		
CPP				
APML(Mus)	62.16	1847.22	0	0
JSWEL(Mus)	18.22	434.53	0	0
VIPL(Mus)	14.23	247.18	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.58	76.68	0	0
Other(Mus)	4.72	152.52	0	0
Total	101.92	2758.13		
SOLAR				
Total	1.36	36.24	0	0
Total	1.36	36.24		
Tata				
Trombay 5	10.79	237.95	473	411
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.89	74.35	122	117
Trombay 7B	1.60	41.59	68	65
Trombay 8	5.65	135.89	248	201
TATA Hydro	0.62	98.09	63	14
Total	21.54	587.88		
R-INFRA				
DTPS U-1&2	12.15	273.67	509	502
Total	12.15	273.67		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.44	3346.19	MSPGCL Total	173.52	3950.15
			MSPGCL Thml+Gas	151.52	3613.13	Koyna 1,2 & 4 Total	15.34	179.85
			MSPGCL Hydro	22.01	337.02	State Total	317.02	7810.81

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	5984	1058	355	7397	221	4218	0	0	5872	6295	-876	17255	0	17255	2229	19484	49.93
2	5567	1411	285	7263	172	4200	0	0	5767	5870	-706	16799	0	16799	2065	18864	49.97
3	5523	1177	297	6997	209	4222	0	0	5768	6043	-591	16880	0	16880	1947	18827	49.94
4	5629	936	286	6851	321	4222	0	0	5762	5725	-507	16612	0	16612	1860	18472	49.94
5	5440	841	297	6578	368	4222	0	0	5794	6123	-475	16816	0	16816	1830	18646	49.88
6	5408	1312	287	7007	377	4245	0	0	5862	6143	-527	17245	0	17245	1881	19126	49.95
7	5626	1645	299	7570	452	4246	0	0	6323	6563	-524	18307	0	18307	1879	20186	50.00
8	5897	1050	287	7234	409	4246	0	21	6754	6723	-500	18133	0	18133	1903	20036	50.03
9	6037	796	298	7131	327	4264	0	76	6713	7062	-580	18280	0	18280	2000	20280	50.00
10	6232	707	281	7220	421	4264	0	131	6202	6124	-686	17474	0	17474	2144	19618	50.00
11	6149	821	271	7241	359	4283	0	156	6581	6694	-805	17928	0	17928	2250	20178	49.97
12	6243	1163	276	7682	257	4273	0	184	7042	7108	-876	18628	0	18628	2317	20945	49.95
13	6374	1245	272	7891	139	4273	0	190	7054	7028	-891	18630	0	18630	2331	20961	49.94
14	6296	1111	273	7680	118	4246	0	188	6861	7073	-863	18442	0	18442	2303	20745	50.00
15	5892	1446	273	7611	199	4247	0	157	6859	7208	-890	18532	0	18532	2331	20863	50.00
16	6117	1526	272	7915	269	4239	0	130	6864	6933	-857	18629	34	18663	2289	20952	49.98
17	6051	1026	271	7348	278	4248	0	92	6708	6673	-809	17830	34	17864	2246	20110	49.95
18	6014	650	277	6941	265	4236	0	28	6030	6343	-754	17059	34	17093	2184	19277	49.97
19	6033	351	275	6659	222	4245	0	2	5891	5933	-817	16244	34	16278	2190	18468	49.96
20	6177	431	281	6889	223	4253	0	0	6148	6280	-920	16725	0	16725	2321	19046	49.92
21	6283	207	298	6788	207	4242	0	0	5998	6124	-848	16513	0	16513	2255	18768	49.97
22	6477	171	332	6980	240	4260	0	0	6054	5910	-925	16465	0	16465	2336	18801	49.91
23	6433	326	346	7105	225	4261	0	0	5993	6135	-998	16728	0	16728	2410	19138	49.92
24	6562	601	384	7547	256	4258	0	0	6050	6056	-1013	17104	0	17104	2425	19529	49.92
MUs	144.44	22.01	7.07	173.53	6.53	101.92	0.00	1.36	150.95	154.17	-18.24	419.26	0.14	419.40	51.93	471.33	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 26/Mar/2017

Position as on 6.30 Hrs of 27/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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Khaparkheda Unit 4	210	07/03/2017	07.19	26/03/2017	05.45	BTL (Withdrawn under zero schedule from 00:00hrs of 08.03.2017)Schedule given from 00:00hrs of 24.03.2017 but synchronization delayed	
MSPGCL	Koyna STG- IV Unit - 1	250	17/03/2017	10.45		Continued.	Turbine bearing Vabration high	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Mar/2017

Position as on 6.30 Hrs of 27/Mar/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
CPP	SWPGL U-4	135	22/03/2017	00.01		Continued.	SSC Chain Broken.	
MSPGCL	Khaparkheda Unit 3	210	23/03/2017	19.38	26/03/2017	21.38	Boiler Tube Leakage	
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 schedule by MSEDCL w.e.f. 26.03.2017 at 00:00	
MSPGCL	Chandrapur Unit 9	500	25/03/2017	10.28	26/03/2017	03.02	While Shifting BFP.	
MSPGCL	Uran Unit B0	120	26/03/2017	00.30	26/03/2017	23.05	Filter Cleaning.	
MSPGCL	Uran Unit 7	108	26/03/2017	00.33	26/03/2017	19.41	Filter Cleaning.	
MSPGCL	Koradi Unit 9	660	26/03/2017	00.45	26/03/2017	05.40	Main Steam Temperature Low.	
MSPGCL	Chandrapur Unit 9	500	26/03/2017	04.19	26/03/2017	06.38	Premier Air Fan Trip.	
MSPGCL	Koradi Unit-8	660	26/03/2017	13.50	26/03/2017	20.11	FD fan tripped	
MSPGCL	Bhusawal Unit 4	500	27/03/2017	02.29		Continued.	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	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Mar/2017

Statement-VII

Position as on 6.30 Hrs of 27/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							
Koradi Bhilai	InterState	26/03/2017	10.52	26/03/2017	11.41	T	Distance Protection
Dhule Sar'Sarovar II	InterState	26/03/2017	14.40	27/03/2017	06.04	T	Distance Protection
Bableshtar - Aurangabad (Waluj)	IntraState	25/03/2017	15.42	26/03/2017	16.10	PO	Shifted on TBC
Bhusawal-Aurangabad	IntraState	25/03/2017	20.56	26/03/2017	06.38	HT	Over Voltage
Koradi-Bhusawal	IntraState	26/03/2017	08.47	26/03/2017	09.42	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.
Babhaleshtar - Bhusawal II	IntraState	26/03/2017	12.05	26/03/2017	18.38	PO	repl. of y-phase disc insulator at loc no.428.
Pune(GIS)-Parli(PG) Ckt 1	IntraState	26/03/2017	13.00	26/03/2017	17.25	EO	Emergency work at loc no.371.
Karad - Lonikand 1	IntraState	27/03/2017	13.44	27/03/2017	16.00	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							
Borivali - Tarapur	InterState	26/03/2017	07.28	26/03/2017	11.53	PO	Diagnostic testing.
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.
Dahanu Versova	IntraState	26/03/2017	13.16	26/03/2017	15.46	PO	OPGW work.
Niwali - Pawas Line	IntraState	26/03/2017	13.58	26/03/2017	15.46	PO	To tight los nut bold of string at loc .10.
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
132 KV LINE Outages/Trippings							
Partur-Mantha	IntraState	26/03/2017	12.30	26/03/2017	13.43	T	Distance Protection
Nardana-Shirpur	IntraState	26/03/2017	13.52	26/03/2017	14.10	T	Distance Protection
Dhule- Sakri	IntraState	26/03/2017	14.10	26/03/2017	17.43	T	Distance Protection
Ambazari-Amravati	IntraState	26/03/2017	17.50	26/03/2017	18.17	T	Distance Protection

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