

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 25/Mar/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	150.111	3201.743	1) Gujrat	-6.972	-20.071
2) Hydro	21.432	315.008	2) Madhya Pradesh	13.079	359.821
3) Gas	10.355	259.871	3) Chattisgarh	7.310	209.850
Total MSPGCL	181.898	3776.622	4) Maharashtra Net	134.541	3236.786
B) 1) APML	62.272	1785.062	5) Goa (Amona)	-0.814	-17.054
2) JSWEL	17.830	416.303	Total	147.144	3769.332
3) VIPL	14.214	232.950	a) Mumbai Schedule	21.859	500.545
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.303	561.655
5) WPCL	1.856	74.095	c) MSEDCL Bilateral *	28.327	868.607
6) PGPL	0.000	0.000	Include PX	1.232	167.546
7) Other IPP	5.185	147.799	d) Mumbai Bilateral *	21.859	500.545
C) 1) TPCL Thermal	15.997	357.414	Include PX	2.685	139.217
2) TPCL Hydro	3.674	97.473	Include Standby	0.000	0.000
3) TPCL Gas	4.510	111.456	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.726	261.517	1) MSEDCL	417.482	9873.609
D) STATE			2) Mumbai Discoms	58.210	1389.506
1) Thermal	279.191	6476.883	TOTAL STATE	475.692	11263.115
(A1+C1+C4+(B1-B6))					
2) Hydro	25.106	412.481			
(A2+C2)					
3) Gas	14.865	371.327			
(A3+B6+C3)					
4) Wind	8.050	198.214			
6) SOLAR	1.336	34.887			
TOTAL STATE	328.548	7493.792			

* 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	6189	6181	6279	5912
MSPGCL Hydro	1701	1806	858	116
MSPGCL Gas	425	413	421	433
MSPGCL Total Generation	8315	8400	7558	6461
Central Sector Receipt	6893	6650	6169	5483
WIND	127	57	349	618
CPP / IPP Thermal	4237	4229	4215	4224
CPP / IPP Gas	0	0	0	0
SOLAR	180	188	0	0
Exchange with Mumbai	-1040	-1087	-1439	-619
MSEDCL DEMAND MET	18712	18437	16852	16167
Load Shedding	273	517	0	0
MSEDCL DEMAND	18985	18954	16852	16167
TPCL GENERATION	1340	1311	835	716
R-INFRA GENERATION	505	506	388	506
MUMBAI DEMAND	2885	2904	2662	1841
STATE DEMAND MET	21597	21341	19514	18008
STATE DEMAND	21870	21858	19514	18008
Frequency (Hz)	49.92	49.97	49.95	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13.01 Hrs	49.71 Hz at 22.17 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 25/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	3.42	3.72	160	90
Unit 8	14.92	335.92	656	560
Unit 9	14.65	221.79	640	503
Unit 10	0.00	0.00	0	0
Total	32.99	561.43		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.77	12.82	190	0
Unit 4	9.22	262.34	505	0
Unit 5	11.54	265.56	505	400
Total	24.53	540.73		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.65	136.15	250	190
Unit 7	5.86	133.73	258	234
Unit 8	2.66	13.56	134	96
Total	14.18	283.44		
Chandrapur				
Unit 3	4.64	111.67	197	190
Unit 4	4.63	98.20	197	191
Unit 5	10.39	252.86	445	415
Unit 6	10.43	223.44	445	417
Unit 7	0.00	0.00	0	0
Unit 8	7.44	167.65	491	0
Unit 9	4.20	182.89	416	0
Total	41.73	1036.71		
Paras				
Unit 3	5.90	46.16	254	200
Unit 4	6.03	139.55	256	250
Total	11.93	185.71		
Khaparkheda				
Unit 1	4.26	20.16	190	155
Unit 2	4.14	67.24	185	130
Unit 3	0.00	48.51	0	0
Unit 4	0.00	26.57	0	0
Unit 5	8.26	223.89	500	0
Total	16.68	386.36		
Nasik				
Unit 3	4.22	104.36	190	170
Unit 4	0.87	100.02	161	0
Unit 5	2.98	2.98	196	0
Total	8.08	207.37		
Uran				
All Units	10.36	259.87	456	409
Total	10.36	259.87		
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	2.92	28	0
Total	0.08	2.92		
Koyna				
Stage 1-2	6.54	84.93	535	45
Stage 4	7.46	79.58	750	0
Stage 3	3.14	36.34	240	0
Total	17.15	200.85		
Hydro				
KDPH	0.42	18.33	18	17
VTRNA	0.95	29.56	60	0
TILLARI	0.00	7.52	0	0
BHTGR/VEER	0.00	0.53	0	0
BHIRA T.R.	0.22	5.28	73	0
RNGR+BHTSA	0.33	7.85	14	13
BHANDARDRA	0.50	12.03	21	20
ELDARY	0.00	2.83	0	0
SMLHY_PTN	0.44	12.73	19	18
GHATGHAR	1.42	17.49	250	0
Total	4.28	114.16		
Wind				
Total	8.05	198.21	0	0
Total	8.05	198.21		
CPP				
APML(Mus)	62.27	1785.06	0	0
JSWEL(Mus)	17.83	416.30	0	0
VIPL(Mus)	14.21	232.95	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	1.86	74.10	0	0
Other(Mus)	5.18	147.80	0	0
Total	101.36	2656.21		
SOLAR				
Total	1.34	34.89	0	0
Total	1.34	34.89		
Tata				
Trombay 5	10.49	227.17	495	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.91	71.46	122	119
Trombay 7B	1.60	39.99	68	66
Trombay 8	5.51	130.25	248	202
TATA Hydro	3.67	97.47	454	0
Total	24.18	566.34		
R-INFRA				
DTPS U-1&2	11.73	261.52	508	388
Total	11.73	261.52		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	150.11	3201.74	MSPGCL Total	181.90	3776.62
			MSPGCL Thml+Gas	160.47	3461.61	Koyna 1,2 & 4 Total	14.01	164.51
			MSPGCL Hydro	21.43	315.01	State Total	328.55	7493.79

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/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	5718	1034	440	7192	367	4228	0	0	5901	6196	-910	17073	0	17073	2254	19327	49.91
2	5680	680	442	6802	395	4224	0	0	5760	6063	-667	16817	0	16817	2062	18879	49.96
3	5840	184	442	6466	483	4219	0	0	5761	5575	-593	16150	0	16150	1933	18083	49.97
4	5912	116	433	6461	618	4224	0	0	5754	5483	-619	16167	0	16167	1841	18008	49.99
5	6158	116	452	6726	742	4227	0	0	5739	5521	-663	16553	0	16553	1807	18360	49.98
6	6318	291	443	7052	663	4227	0	0	5808	5718	-605	17055	0	17055	1858	18913	49.98
7	6534	691	435	7660	461	4230	0	0	6359	6335	-474	18212	0	18212	1944	20156	49.99
8	6630	495	456	7581	404	4235	0	21	6425	6635	-488	18388	0	18388	2037	20425	49.98
9	6709	376	430	7515	340	4203	0	73	6502	6629	-778	17982	0	17982	2309	20291	49.96
10	6715	436	442	7593	266	4195	0	129	6030	6096	-836	17443	0	17443	2522	19965	49.99
11	6442	1076	422	7940	201	4234	0	156	6068	6127	-943	17715	1	17716	2824	20540	49.96
12	6189	1701	425	8315	127	4237	0	180	6154	6893	-1040	18712	273	18985	2885	21870	49.92
13	6181	1806	413	8400	57	4229	0	188	6090	6650	-1087	18437	517	18954	2904	21858	49.97
14	6176	1765	410	8351	89	4218	0	178	6009	6373	-1048	18161	477	18638	2778	21416	50.01
15	6169	1840	409	8418	165	4240	0	168	6019	6368	-1035	18324	333	18657	2832	21489	49.93
16	6251	1881	415	8547	210	4206	0	128	6006	6419	-963	18547	276	18823	2827	21650	49.96
17	6325	1600	414	8339	263	4221	0	85	6021	6086	-1121	17873	282	18155	2746	20901	49.96
18	6467	1019	432	7918	328	4215	0	29	6060	6123	-1180	17433	99	17532	2691	20223	50.00
19	6419	420	424	7263	428	4228	0	1	6020	5951	-1225	16646	2	16648	2604	19252	49.97
20	6279	858	421	7558	349	4215	0	0	6068	6169	-1439	16852	0	16852	2662	19514	49.95
21	6247	814	438	7499	305	4222	0	0	5726	5889	-1323	16592	0	16592	2544	19136	49.93
22	6269	750	437	7456	423	4216	0	0	5772	5876	-1188	16783	0	16783	2554	19337	49.94
23	6263	563	441	7267	167	4230	0	0	5860	5999	-1052	16611	0	16611	2408	19019	49.90
24	6220	920	439	7579	199	4232	0	0	5869	5970	-1026	16954	0	16954	2384	19338	49.97
MUs	150.11	21.43	10.35	181.90	8.05	101.36	0.00	1.34	143.78	147.14	-22.30	417.48	2.26	419.74	58.21	477.95	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 25/Mar/2017

Position as on 6.30 Hrs of 26/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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Nasik Unit 5	210	24/02/2017	14.30	25/03/2017	04.25	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	03/03/2017	06.42	25/03/2017	01.00	zero 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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Mar/2017

Position as on 6.30 Hrs of 26/Mar/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							24.03.2017 but synchronization delayed	
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	25/03/2017	01.06	Boiler Tube Leakage	
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	Bhusawal Unit 4	500	25/03/2017	00.22	25/03/2017	03.48	Flame Failure	
MSPGCL	Nasik Unit 4	210	25/03/2017	05.45		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	25/03/2017	10.28	26/03/2017	03.02	While Shifting BFP.	
MSPGCL	Chandrapur Unit-8	500	25/03/2017	11.17	25/03/2017	15.23	Flame Failure	
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	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/Mar/2017

Statement-VII

Position as on 6.30 Hrs of 26/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							
Dabhol New koyna I	InterState	25/03/2017	10.50	25/03/2017	17.53	PO	Testing Work
Dabhol Nagothane I	InterState	25/03/2017	11.30	25/03/2017	16.26	PO	Attending Hot Spot
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		Continued.	T	Distance Protection
Karad - Jaigad - II	IntraState	24/03/2017	12.43	25/03/2017	06.51	PO	Insulator String Replacement Work.
Karad - Jaigad - II	IntraState	25/03/2017	08.43	25/03/2017	16.06	PO	Insulator Replacement Work
Chandrapur-II - Nanded ckt II	IntraState	25/03/2017	12.59	25/03/2017	18.40	PO	Quarterly Maintainance Work
Bableshwar- 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		Continued.	HT	Insulator repl. work for attending decapping at loc no.24.
Babhaleshwar - 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.
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.
Malegaon-Sayne	IntraState	25/03/2017	03.01	25/03/2017	20.38	T	Distance Protection
Boisar-Viraj	IntraState	25/03/2017	08.52	25/03/2017	15.21	PO	Bay Maintenance Work.
Uran - Kharghar 2	IntraState	25/03/2017	09.13	25/03/2017	17.06	PO	Replacement of Disc Insulator.
Talange(400kv)- Sawantwadi(Insul	IntraState	25/03/2017	09.42	25/03/2017	17.47	PO	Cold Line Isulator Washing.
Dhule-Chalisagaon	IntraState	25/03/2017	10.17	25/03/2017	14.43	PO	Attending 220KV CT Y Ph Leakage.
Gorai MSETCL Borivali Line-1	IntraState	25/03/2017	10.52	25/03/2017	18.20	PO	Cable Sheath Testing Work.
220KV Main Bus @Miraj	IntraState	25/03/2017	13.30	25/03/2017	15.50	PO	PT Isolator Blade Replacement.
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.
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 200MVA ICT II @ Girwali	IntraState	25/03/2017	13.22	25/03/2017	14.41	PO	Correction in Pump Setting of WTL.
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	25/03/2017	15.22	25/03/2017	16.22	PO	Correction in Pump Setting of WTL.
132 KV LINE Outages/Trippings							
Anjangaon - Akot	IntraState	25/03/2017	10.34	25/03/2017	14.33	HT	line Loading of Balapur-Akot.
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