

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Mar/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	89.065	2578.925	1) Gujrat	0.424	-61.592
2) Hydro	8.028	190.383	2) Madhya Pradesh	12.983	327.897
3) Gas	10.652	279.321	3) Chattisgarh	7.420	188.800
Total MSPGCL	107.745	3048.629	4) Maharashtra Net	95.533	2446.586
B) 1) APML	63.533	1678.909	5) Goa (Amona)	-0.618	-13.130
2) JSWEL	28.030	718.502	6) TAPS 1&2 Injection	3.657	98.049
3) VIPL	12.120	324.758	7) RGPPL Injection	8.963	309.865
4) RPL(AMT)	21.516	505.896	8) Pench (MS)	0.000	3.932
5) WPCL	4.210	102.285	9) Pench (Excess)	0.000	-3.932
6) Other IPP	7.871	222.936	Total	128.362	3292.543
C) 1) TPCL Thermal	14.772	376.996	a) Mumbai Schedule	20.444	569.150
2) TPCL Hydro	0.209	79.469	b) Mumbai Drawl	26.865	699.392
3) TPCL Gas	4.415	114.394	c) MSEDCL Bilateral *	34.036	841.111
4) R-INFRA Thermal	5.406	245.632	Include PX	-0.676	-36.877
D) STATE			d) Mumbai Bilateral *	20.444	568.450
1) Thermal	246.523	6754.839	Include PX	4.397	105.557
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.700
2) Hydro	8.237	269.852	H) ENERGY CATERED (MUs)		
3) Gas	15.067	393.715	1) MSEDCL	358.871	9486.318
4) Wind	11.152	255.397	2) Mumbai Discoms	51.668	1515.871
6) SOLAR	1.197	35.855	TOTAL STATE	410.539	11002.189
TOTAL STATE	282.176	7709.658			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4087	4072	3381	3313
MSPGCL Hydro	1154	1000	210	114
MSPGCL Gas	435	421	434	466
MSPGCL Total Generation	5676	5493	4025	3893
Central Sector Receipt	5165	5123	5515	5140
WIND	190	80	796	625
CPP / IPP	6123	6080	5465	5574
SOLAR	140	201	0	0
Exchange with Mumbai	-1017	-1077	-1413	-911
MSEDCL DEMAND MET	16277	15900	14388	14321
Load Shedding	0	0	0	0
MSEDCL DEMAND	16277	15900	14388	14321
TPCL GENERATION	924	942	737	698
R-INFRA GENERATION	254	257	201	201
MUMBAI DEMAND	2195	2276	2351	1810
STATE DEMAND MET	18472	18176	16739	16131
STATE DEMAND	18472	18176	16739	16131
Frequency (Hz)	49.99	49.93	49.93	49.89

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 18.00 Hrs	49.72 Hz at 14.23 Hrs	49.95	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/2016

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	4.01	0	0
Unit 8	0.00	79.53	0	0
Total	0.00	83.54		
Bhusawal				
Unit 2	0.00	75.12	0	0
Unit 3	4.02	99.90	170	165
Unit 4	10.00	135.01	500	345
Unit 5	10.04	244.30	505	350
Total	24.05	554.34		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.39	101.18	198	167
Unit 4	4.31	115.32	196	164
Unit 5	10.06	269.00	465	360
Unit 6	0.00	40.63	0	0
Unit 7	9.69	253.32	435	360
Total	28.46	779.43		
Paras				
Unit 3	5.56	121.97	259	194
Unit 4	5.62	106.20	262	195
Total	11.18	228.17		
Khaparkheda				
Unit 1	3.92	101.72	175	155
Unit 2	4.04	108.30	185	160
Unit 3	4.17	98.00	191	160
Unit 4	4.33	108.50	207	159
Unit 5	0.00	146.97	0	0
Total	16.46	563.50		
Nasik				
Unit 3	4.45	92.55	200	165
Unit 4	0.00	93.66	0	0
Unit 5	4.46	107.62	206	162
Total	8.92	293.83		
Uran				
All Units	10.65	279.32	474	419
Total	10.65	279.32		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.00	3.93	0	0
Total	0.00	3.93		
Koyna				
Stage 1-2	3.92	74.76	490	40
Stage 4	1.13	28.34	447	0
Stage 3	0.53	21.33	160	0
Total	5.58	124.42		
Hydro				
KDPH	0.57	13.76	32	16
VTRNA	0.00	0.00	0	0
TILLARI	0.25	5.02	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	4.98	40	0
RNGR+BHTSA	0.23	5.48	12	0
BHANDARDRA	0.00	2.98	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.76	23.12	32	31
GHATGHAR	0.47	10.64	125	0
Total	2.44	65.96		
Wind				
Total	11.15	255.40	0	0
Total	11.15	255.40		
CPP				
APML(Mus)	63.53	1678.91	0	0
JSWEL(Mus)	28.03	718.50	0	0
VIPL(Mus)	12.12	324.76	0	0
RPLAMT(Mus)	21.52	505.90	0	0
WPCL(Mus)	4.21	102.28	0	0
Other(Mus)	7.87	222.94	0	0
Total	137.28	3553.29		
SOLAR				
Total	1.20	35.86	0	0
Total	1.20	35.86		
Tata				
Trombay 5	9.46	255.93	489	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.79	71.74	122	113
Trombay 7B	1.62	42.65	69	66
Trombay 8	5.31	121.06	247	199
TATA Hydro	0.21	79.47	90	0
Total	19.40	570.86		
R-INFRA				
1-2	5.41	245.63	259	200
Total	5.41	245.63		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	89.06	2578.92
MSPGCL Thml+Gas	99.72	2858.25

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.03	190.38
MSPGCL Total	107.74	3048.63

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.06	103.09
State Total	282.18	7709.66

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/Mar/2016

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													
1	3606	424	454	4484	592	5674	0	5493	5643	-1369	15024	0	15024	2266	17290	49.91
2	3599	384	456	4439	659	5652	0	5513	5403	-1196	14957	0	14957	2096	17053	49.97
3	3486	119	465	4070	679	5656	0	5384	5218	-1057	14566	0	14566	1956	16522	49.94
4	3314	124	456	3894	625	5585	0	5257	5203	-963	14344	0	14344	1862	16206	49.95
5	3313	114	466	3893	625	5574	0	5227	5140	-911	14321	0	14321	1810	16131	49.89
6	3409	204	455	4068	465	5603	0	5302	5412	-949	14599	0	14599	1850	16449	49.91
7	3781	449	466	4696	455	5704	3	5388	5478	-819	15517	0	15517	1854	17371	50.01
8	4038	244	458	4740	407	6105	23	5413	5410	-677	16008	0	16008	1849	17857	49.99
9	4074	217	474	4765	351	6153	67	5443	5445	-778	16003	0	16003	1959	17962	49.97
10	4087	811	445	5343	314	6118	116	5469	5079	-887	16083	0	16083	2067	18150	50.01
11	4087	1154	435	5676	190	6123	140	5365	5165	-1017	16277	0	16277	2195	18472	49.99
12	4078	1282	431	5791	109	6120	178	5459	5017	-1089	16126	0	16126	2266	18392	49.95
13	4072	1000	421	5493	80	6080	201	5447	5123	-1077	15900	0	15900	2276	18176	49.93
14	4067	168	421	4656	118	6065	144	5457	5398	-1081	15300	0	15300	2258	17558	49.90
15	4090	111	419	4620	371	6054	141	5522	5516	-1093	15609	0	15609	2275	17884	49.88
16	4083	101	424	4608	569	6042	101	5558	5664	-1108	15876	0	15876	2284	18160	49.97
17	4071	101	425	4597	597	5823	51	5522	5200	-1070	15198	0	15198	2248	17446	49.96
18	3654	106	446	4206	654	5669	31	4927	4416	-1169	13807	0	13807	2169	15976	50.01
19	3402	140	428	3970	817	5501	1	5015	4758	-1275	13772	0	13772	2175	15947	49.99
20	3381	210	434	4025	796	5465	0	5681	5515	-1413	14388	0	14388	2351	16739	49.93
21	3387	121	453	3961	677	5218	0	5713	5340	-1503	13693	0	13693	2401	16094	49.95
22	3362	98	432	3892	415	5111	0	5529	5725	-1500	13643	0	13643	2399	16042	49.96
23	3312	118	434	3864	306	5084	0	5652	5958	-1447	13765	0	13765	2392	16157	49.91
24	3312	228	454	3994	281	5101	0	5710	6136	-1417	14095	0	14095	2409	16504	49.93
MUs	89.06	8.03	10.65	107.75	11.15	137.28	1.20	130.45	128.36	-26.86	358.87	0.00	358.87	51.67	410.54	49.95

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/2016

Position as on 6.30 Hrs of 28/Mar/2016

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,(Converted to AOH for 30 Days from 00.00Hrs 06-03-2016)	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
MSPGCL	Khaparkhedha Unit 5	500	15/03/2016	01.12		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		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 schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
RGPL	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
RGPL	Dabhol 3X	290	03/02/2016	15:36		Continued.	Change Over	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	Change Over , No Schedule	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Koradi Unit 7	210	01/03/2016	23.55		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Uran Unit 8	108	04/03/2016	22.55		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 6	500	05/03/2016	10.15		Continued.	Turbine bearing Vabration high	
MSPGCL	Koradi Unit-8	660	10/03/2016	12.30		Continued.	Ash Evacuation problem	
MSPGCL	Koyna Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
RINFRA-G	REL Unit 2	250	18/03/2016	08.39		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-1	270	20/03/2016	00.00		Continued.	Zero schedule by MSEDCL	
MSPGCL	Koradi Unit 9	660	21/03/2016	00.47		Continued.	Ash Evacuation problem	
MSPGCL	Bhusawal Unit 2	210	24/03/2016	00.05		Continued.	MSEDCL Zero Schedule	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Mar/2016

Position as on 6.30 Hrs of 28/Mar/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 4	210	24/03/2016	00.10	28/03/2016	06.00	MSEDCL Zero Schedule	
MSPGCL	Koyna Unit 9	80	26/03/2016	21.45	27/03/2016	05.30	BFV Motor pipe line oil leakage	
RGPPPL	Dabhol 2X	290	27/03/2016	08.50	27/03/2016	12.26	HP Exhaust Steam Temp trip	
RGPPPL	Dabhol 2B	230	27/03/2016	08.50	27/03/2016	10.54	Hand Trip	
RGPPPL	Dabhol 2A	230	27/03/2016	08.50	27/03/2016	14.19	Loss of Flame	
RGPPPL	Dabhol 2A	230	27/03/2016	19.25	27/03/2016	20.54	Drum level low	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 28/Mar/2016

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 I	InterState	25/03/2016	17.38		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	26/03/2016	21.33	27/03/2016	07.37	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	27/03/2016	16.39		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over(outage taken on 2/3/2016 at 10.34hrs for commissioning of 765KV Ektuni S/Stn)
Babhaleshwar-Taptitanda ckt-I	IntraState	17/03/2016	14.36		Continued.	PO	Attending Hot Spot RFC AT 17.24
Jaigad-New Koyna Ckt-II	IntraState	26/03/2016	10.14	27/03/2016	09.19	PO	Annual Maintenance Work(RFC 17.05Hrs)
Karad -kolhapur-II	IntraState	26/03/2016	16.36		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/03/2016	20.56		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	27/03/2016	16.41	28/03/2016	05.15	HT	Over Voltage
Jaigad-New Koyna Ckt-II	IntraState	28/03/2016	04.59		Continued.	T	Distance Protection
Karad-Jaigad - I	IntraState	28/03/2016	05.26		Continued.	T	Distance Protection
New Koyna - Dabhol-I	IntraState	28/03/2016	05.32		Continued.	T	Distance Protection
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.
Kalwa - Borivali	IntraState	10/01/2016	09:15		Continued.	PO	Tower Erection Work.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Bableshtar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Chitegaon-Shendra Ckt-I	IntraState	18/03/2016	06.57		Continued.	PO	For Making LILO Arrangement on Loc.NO 112 at Aurangabad PG S/S.
Chitegaon-Shendra Ckt-II	IntraState	18/03/2016	06.58		Continued.	PO	For Making LILO Arrangement on Loc.NO 112 at Aurangabad PG S/S.
Bableshtar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Talandage(kolh'r)- Sawantwadi II	IntraState	26/03/2016	08.20	27/03/2016	18.51	PO	Making Cut Point at Loc.No.44
Borivali - Ghodbunder	IntraState	26/03/2016	22.35	27/03/2016	04.59	PO	Bus Section-II outage for Jumpering work of Boisar-I and Kharghar-I Bay
Tata Borivli MSETCL Borivli 5	IntraState	26/03/2016	22.40	27/03/2016	05.00	PO	Bus Section-II outage for Jumpering work of Boisar-I and Kharghar-I Bay
Padghe - Kamba	IntraState	27/03/2016	07.06	27/03/2016	12.41	PO	Dismantling of Old Tower and stringing work on new M/C Tower
Padghe-Borivali	IntraState	27/03/2016	07.32	27/03/2016	20.08	PO	Made LILO at Kamba S/Stn.
Ghodbunder - Versova	IntraState	27/03/2016	10.23	27/03/2016	12.29	PO	Line Maintenance work
220KV Theur- NandedCity	IntraState	27/03/2016	11.25	27/03/2016	14.10	PO	Jumpering work
Kamba - Kolshet	IntraState	27/03/2016	12.48	27/03/2016	18.42	PO	LILO work and conductor stringing work
Parli 3 (Old Gcr)-Osmanabad	IntraState	27/03/2016	20.56	27/03/2016	21.19	T	Distance Protection
Niwali - Pawas Line	IntraState	28/03/2016	04.40		Continued.	T	Distance Protection
Mahad - Pedambe	IntraState	28/03/2016	06.09	28/03/2016	06.32	T	Distance Protection

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 27/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 28/Mar/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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)
132 KV LINE Outages/Trippings							
Bodwad-Malkapur	IntraState	26/03/2016	14.20	27/03/2016	19.22	T	Distance Protection
Malkapur - Khamgaon	IntraState	27/03/2016	19.10	27/03/2016	19.17	T	Distance Protection