

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Mar/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	93.665	2672.590	1) Gujrat	-1.085	-62.677
2) Hydro	5.278	195.661	2) Madhya Pradesh	11.677	339.574
3) Gas	10.778	290.099	3) Chattisgarh	7.860	196.660
Total MSPGCL	109.721	3158.350	4) Maharashtra Net	102.872	2549.458
B) 1) APML	62.713	1741.622	5) Goa (Amona)	-0.684	-13.814
2) JSWEL	27.277	745.779	6) TAPS 1&2 Injection	3.653	101.702
3) VIPL	12.781	337.539	7) RGPPL Injection	12.064	321.929
4) RPL(AMT)	20.506	526.402	8) Pench (MS)	0.129	4.061
5) WPCL	4.343	106.628	9) Pench (Excess)	-0.129	-4.061
6) Other IPP	7.282	230.218	Total	136.228	3428.771
C) 1) TPCL Thermal	16.138	393.134	a) Mumbai Schedule	27.069	596.219
2) TPCL Hydro	3.894	83.363	b) Mumbai Drawl	31.712	731.104
3) TPCL Gas	4.279	118.673	c) MSEDCL Bilateral *	33.721	874.832
4) R-INFRA Thermal	5.555	251.187	Include PX	-1.980	-38.857
D) STATE			d) Mumbai Bilateral *	27.069	595.519
1) Thermal	250.260	7005.099	Include PX	8.614	114.172
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.700
2) Hydro	9.172	279.024	H) ENERGY CATERED (MUs)		
3) Gas	15.057	408.772	1) MSEDCL	358.825	9845.143
4) Wind	8.337	263.734	2) Mumbai Discoms	61.578	1577.449
6) SOLAR	1.349	37.204	TOTAL STATE	420.403	11422.592
TOTAL STATE	284.175	7993.833			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4242	4405	4267	3288
MSPGCL Hydro	414	201	314	97
MSPGCL Gas	408	433	435	453
MSPGCL Total Generation	5064	5039	5016	3838
Central Sector Receipt	6010	6014	5956	5247
WIND	173	151	435	367
CPP / IPP	5944	6047	5699	5057
SOLAR	170	113	0	0
Exchange with Mumbai	-1440	-1540	-1399	-915
MSEDCL DEMAND MET	15921	15824	15707	13594
Load Shedding	0	0	0	0
MSEDCL DEMAND	15921	15824	15707	13594
TPCL GENERATION	1268	1261	1204	700
R-INFRA GENERATION	251	252	257	200
MUMBAI DEMAND	2959	3053	2860	1815
STATE DEMAND MET	18880	18877	18567	15409
STATE DEMAND	18880	18877	18567	15409
Frequency (Hz)	49.95	49.98	49.99	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 18.02 Hrs	49.78 Hz at 00.04 Hrs	49.97	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 28/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	2.31	77.43	170	0
Unit 3	3.98	103.88	170	160
Unit 4	10.28	145.28	500	350
Unit 5	10.27	254.58	500	350
Total	26.83	581.17		
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	4.45	105.62	198	163
Unit 4	4.35	119.66	196	163
Unit 5	10.30	279.30	475	365
Unit 6	0.00	40.63	0	0
Unit 7	9.70	263.02	436	360
Total	28.80	808.23		
Paras				
Unit 3	5.62	127.59	258	192
Unit 4	5.56	111.76	262	190
Total	11.18	239.35		
Khaparkheda				
Unit 1	3.94	105.67	180	135
Unit 2	4.06	112.36	180	160
Unit 3	4.23	102.23	195	160
Unit 4	4.42	112.92	209	160
Unit 5	0.00	146.97	0	0
Total	16.65	580.15		
Nasik				
Unit 3	4.21	96.76	200	160
Unit 4	1.72	95.39	183	0
Unit 5	4.28	111.89	201	161
Total	10.21	304.04		
Uran				
All Units	10.78	290.10	519	408
Total	10.78	290.10		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.13	4.06	32	0
Total	0.13	4.06		
Koyna				
Stage 1-2	1.89	76.64	310	40
Stage 4	0.00	28.34	0	0
Stage 3	0.97	22.30	126	0
Total	2.86	127.28		
Hydro				
KDPH	0.53	14.29	32	16
VTRNA	0.00	0.00	0	0
TILLARI	0.25	5.26	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	5.18	40	0
RNGR+BHTSA	0.23	5.71	14	0
BHANDARDRA	0.00	2.98	0	0
ELDARY	0.23	0.23	10	9
SMLHY_PTN	0.62	23.74	26	26
GHATGHAR	0.36	11.00	125	0
Total	2.41	68.38		
Wind				
Total	8.34	263.73	0	0
Total	8.34	263.73		
CPP				
APML(Mus)	62.71	1741.62	0	0
JSWEL(Mus)	27.28	745.78	0	0
VIPL(Mus)	12.78	337.54	0	0
RPLAMT(Mus)	20.51	526.40	0	0
WPCL(Mus)	4.34	106.63	0	0
Other(Mus)	7.28	230.22	0	0
Total	134.90	3688.19		
SOLAR				
Total	1.35	37.20	0	0
Total	1.35	37.20		
Tata				
Trombay 5	10.55	266.48	490	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.69	74.43	114	105
Trombay 7B	1.59	44.24	67	64
Trombay 8	5.58	126.65	247	202
TATA Hydro	3.89	83.36	386	0
Total	24.31	595.17		
R-INFRA				
1-2	5.56	251.19	260	200
Total	5.56	251.19		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	93.66	2672.59
MSPGCL Thml+Gas	104.44	2962.69

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.28	195.66
MSPGCL Total	109.72	3158.35

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.89	104.98
State Total	284.18	7993.83

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/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	3316	398	441	4155	508	5273	0	5418	5653	-1425	14164	0	14164	2323	16487	49.91
2	3308	112	463	3883	457	5306	0	5316	5368	-1187	13827	0	13827	2088	15915	49.98
3	3303	91	443	3837	506	5172	0	5109	5428	-1078	13865	0	13865	1977	15842	49.98
4	3298	106	463	3867	448	5043	0	5038	5371	-964	13765	0	13765	1865	15630	49.96
5	3288	97	453	3838	367	5057	0	5013	5247	-915	13594	0	13594	1815	15409	49.95
6	3464	262	465	4191	309	5231	0	5168	5540	-942	14329	0	14329	1875	16204	49.92
7	3897	192	461	4550	258	5471	4	5393	5576	-927	14932	0	14932	1961	16893	49.99
8	4102	123	475	4700	179	5578	17	5503	5402	-849	15027	0	15027	2086	17113	49.99
9	4133	117	467	4717	199	5622	83	5779	5539	-1200	14960	0	14960	2405	17365	49.98
10	4150	258	451	4859	181	5658	129	5867	5904	-1331	15400	0	15400	2735	18135	49.95
11	4242	414	408	5064	173	5944	170	6002	6010	-1440	15921	0	15921	2959	18880	49.95
12	4264	349	423	5036	106	5933	189	6068	5975	-1511	15728	0	15728	3052	18780	49.93
13	4297	271	423	4991	93	5944	194	6107	6093	-1530	15785	0	15785	3056	18841	49.92
14	4364	230	420	5014	74	5896	184	6049	5925	-1494	15599	0	15599	2943	18542	49.98
15	4386	226	415	5027	91	5939	158	6057	6072	-1521	15766	0	15766	3010	18776	49.93
16	4405	201	433	5039	151	6047	113	6080	6014	-1540	15824	0	15824	3053	18877	49.98
17	4285	138	424	4847	358	5822	76	5969	6010	-1560	15553	0	15553	3047	18600	49.97
18	3731	156	430	4317	400	5570	27	5467	5668	-1531	14451	0	14451	2952	17403	49.99
19	3659	202	444	4305	388	5405	5	5821	5738	-1430	14411	0	14411	2817	17228	50.01
20	4267	314	435	5016	435	5699	0	5843	5956	-1399	15707	0	15707	2860	18567	49.99
21	3974	253	478	4705	600	5805	0	5414	5602	-1411	15301	0	15301	2800	18101	50.00
22	3906	411	455	4772	682	5830	0	5024	5120	-1513	14891	0	14891	2667	17558	50.00
23	3858	206	489	4553	672	5817	0	5322	5470	-1516	14996	0	14996	2623	17619	49.97
24	3768	151	519	4438	702	5840	0	5625	5547	-1498	15029	0	15029	2609	17638	49.99
MUs	93.67	5.28	10.78	109.72	8.34	134.90	1.35	134.45	136.23	-31.71	358.83	0.00	358.83	61.58	420.40	49.97

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 28/Mar/2016

Position as on 6.30 Hrs of 29/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	28/03/2016	20.10	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	28/03/2016	07.24	MSEDCL Zero Schedule	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/Mar/2016

Position as on 6.30 Hrs of 29/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	Nasik Unit 4	210	28/03/2016	06.43	28/03/2016	09.55	Vaccum Problem.	
MSPGCL	Nasik Unit 4	210	28/03/2016	22.55	29/03/2016	00.45	PA Fan problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 29/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	28/03/2016	09.05	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	27/03/2016	16.39	28/03/2016	07.40	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	28/03/2016	17.20		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	28/03/2016	17.46		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
karad -kolhapur-II	IntraState	26/03/2016	16.36	28/03/2016	09.02	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	28/03/2016	14.52	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	28/03/2016	13.12	T	Distance Protection
Padghe - Nagothane - I	IntraState	28/03/2016	10.57	28/03/2016	18.47	PO	Insulator Replacement.
karad -kolhapur-II	IntraState	28/03/2016	16.33		Continued.	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	28/03/2016	17.38	28/03/2016	19.12	T	Distance Protection Operated Z-I B-E, During OPGW Work Earthwire Falls.
400 KV ICT Outages/Trippings							
400/220/33 Kv 105 MVA Spare ICT @Kharghar	IntraState	28/03/2016	09.45	28/03/2016	17.10	PO	Tan Delta Measurment of Bushings.
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
Niwali - Pawas Line	IntraState	28/03/2016	04.40	28/03/2016	18.11	T	Distance Protection
Mahad - Pedambe	IntraState	28/03/2016	06.09	28/03/2016	06.32	T	Distance Protection
Adlabs - Pedambe	IntraState	28/03/2016	06.42	28/03/2016	07.15	T	Distance Protection
Kharepatan -Pawas Line	IntraState	28/03/2016	06.59	28/03/2016	13.06	T	Distance Protection
Mahad - Pedambe	IntraState	28/03/2016	07.12	28/03/2016	07.32	T	Distance Protection
Talandge(400kv)- Ichalkaranji 2	IntraState	28/03/2016	10.40	28/03/2016	13.55	PO	Attending Hot Spot
Kandalgaon - Koyna	IntraState	28/03/2016	12.35	28/03/2016	13.55	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 28/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 29/Mar/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Mahad-Kandalgaon	IntraState	28/03/2016	12.35	28/03/2016	13.45	T	Distance Protection
Dasturi-Kandalgaon Line	IntraState	28/03/2016	12.35	28/03/2016	13.05	T	Distance Protection
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)
220/33kV 100 MVA Transformer 4 @Versova R/S	IntraState	28/03/2016	08.33		Continued.	PO	NGT Replacement.
220/33kV 100 MVA Transformer 2 @Ghodbunder R/S	IntraState	28/03/2016	09.32		Continued.	PO	CT Junction Box Replacement (upto 30.3.16).
220/33kV 100 MVA Transformer 3 @Aarey R/S	IntraState	28/03/2016	17.06	28/03/2016	18.26	PO	Faulty OTI Meter Replacement.