

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Mar/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	96.187	2861.302	1) Gujrat	-1.880	-65.839
2) Hydro	8.101	208.929	2) Madhya Pradesh	11.130	364.799
3) Gas	11.823	315.546	3) Chattisgarh	8.010	212.560
Total MSPGCL	116.111	3385.777	4) Maharashtra Net	105.507	2758.026
B) 1) APML	63.616	1869.458	5) Goa (Amona)	-1.052	-15.778
2) JSWEL	27.637	801.930	6) TAPS 1&2 Injection	3.546	108.871
3) VIPL	12.783	362.949	7) RGPPL Injection	12.450	345.972
4) RPL(AMT)	20.339	568.045	8) Pench (MS)	0.249	4.554
5) WPCL	5.030	116.394	9) Pench (Excess)	-0.249	-4.554
6) Other IPP	8.384	246.951	Total	137.462	3704.057
C) 1) TPCL Thermal	16.197	425.505	a) Mumbai Schedule	28.478	651.614
2) TPCL Hydro	3.449	90.806	b) Mumbai Drawl	32.196	796.242
3) TPCL Gas	4.066	126.936	c) MSEDCL Bilateral *	35.926	945.921
4) R-INFRA Thermal	5.744	262.502	Include PX	0.000	-39.925
D) STATE			d) Mumbai Bilateral *	28.478	650.914
1) Thermal	255.917	7515.036	Include PX	10.019	133.013
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.700
2) Hydro (A2+C2)	11.550	299.735	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	15.889	442.482	1) MSEDCL	372.376	10586.035
4) Wind	11.815	286.758	2) Mumbai Discoms	61.652	1701.979
6) SOLAR	1.395	39.958	TOTAL STATE	434.028	12288.014
TOTAL STATE	296.566	8583.969			

* 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 5 Hrs
MSPGCL Thermal	4442	4422	4157	3607
MSPGCL Hydro	830	545	576	208
MSPGCL Gas	427	421	435	549
MSPGCL Total Generation	5699	5388	5168	4364
Central Sector Receipt	6031	6071	5947	5296
WIND	81	83	614	582
CPP / IPP	6144	6094	5786	5123
SOLAR	188	185	0	0
Exchange with Mumbai	-1574	-1580	-1446	-946
MSEDCL DEMAND MET	16569	16241	16069	14419
Load Shedding	0	0	0	0
MSEDCL DEMAND	16569	16241	16069	14419
TPCL GENERATION	1251	1230	1173	696
R-INFRA GENERATION	243	253	257	200
MUMBAI DEMAND	3068	3063	2876	1842
STATE DEMAND MET	19637	19304	18945	16261
STATE DEMAND	19637	19304	18945	16261
Frequency (Hz)	49.97	49.97	49.95	49.85

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 17.02 Hrs	49.78 Hz at 04.32 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 30/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	4.10	85.49	190	160
Unit 3	4.00	111.84	175	160
Unit 4	10.20	165.68	500	350
Unit 5	10.24	275.08	510	350
Total	28.54	638.08		
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	4.46	114.50	200	164
Unit 4	4.40	128.40	196	165
Unit 5	9.96	299.44	455	360
Unit 6	0.00	40.63	0	0
Unit 7	9.73	282.34	445	337
Total	28.54	865.30		
Paras				
Unit 3	5.57	138.81	252	196
Unit 4	5.62	122.98	250	198
Total	11.19	261.79		
Khaparkheda				
Unit 1	2.92	108.62	180	0
Unit 2	4.02	120.46	180	140
Unit 3	4.16	110.57	192	144
Unit 4	4.42	121.67	210	148
Unit 5	0.00	146.97	0	0
Total	15.52	608.29		
Nasik				
Unit 3	4.12	104.89	195	160
Unit 4	4.10	103.25	195	158
Unit 5	4.16	120.05	200	160
Total	12.39	328.19		
Uran				
All Units	11.82	315.55	583	414
Total	11.82	315.55		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.25	4.55	45	0
Total	0.25	4.55		
Koyna				
Stage 1-2	3.44	81.52	460	40
Stage 4	0.79	29.13	228	0
Stage 3	0.91	23.32	140	0
Total	5.14	133.98		
Hydro				
KDPH	0.75	15.80	32	31
VTRNA	0.00	0.00	0	0
TILLARI	0.12	5.77	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	5.63	40	0
RNGR+BHTSA	0.21	6.12	12	0
BHANDARDRA	0.21	3.50	34	0
ELDARY	0.22	0.67	10	8
SMLHY_PTN	0.66	25.08	28	27
GHATGHAR	0.56	12.39	125	0
Total	2.96	74.95		
Wind				
Total	11.82	286.76	0	0
Total	11.82	286.76		
CPP				
APML(Mus)	63.62	1869.46	0	0
JSWEL(Mus)	27.64	801.93	0	0
VIPL(Mus)	12.78	362.95	0	0
RPLAMT(Mus)	20.34	568.04	0	0
WPCL(Mus)	5.03	116.39	0	0
Other(Mus)	8.38	246.95	0	0
Total	137.79	3965.73		
SOLAR				
Total	1.40	39.96	0	0
Total	1.40	39.96		
Tata				
Trombay 5	10.51	287.52	489	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.54	79.60	120	60
Trombay 7B	1.53	47.33	68	46
Trombay 8	5.69	137.99	247	197
TATA Hydro	3.45	90.81	376	24
Total	23.71	643.25		
R-INFRA				
1-2	5.74	262.50	260	200
Total	5.74	262.50		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	96.19	2861.30
MSPGCL Thml+Gas	108.01	3176.85

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.10	208.93
MSPGCL Total	116.11	3385.78

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.23	110.65
State Total	296.57	8583.97

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/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	3678	391	550	4619	684	5578	0	5477	5556	-1237	15200	0	15200	2350	17550	49.89
2	3681	178	564	4423	699	5675	0	5354	5229	-1044	14982	0	14982	2123	17105	49.92
3	3627	113	556	4296	629	5462	0	5262	5085	-1066	14406	0	14406	1979	16385	49.95
4	3622	116	557	4295	694	5177	0	5106	5234	-988	14412	0	14412	1884	16296	49.93
5	3607	208	549	4364	582	5123	0	5034	5296	-946	14419	0	14419	1842	16261	49.85
6	3771	369	565	4705	526	5498	0	5196	5248	-980	14997	0	14997	1922	16919	49.91
7	4198	353	583	5134	430	5773	0	5418	5242	-876	15703	0	15703	2008	17711	49.99
8	4330	253	574	5157	360	5830	27	5506	5396	-946	15824	0	15824	2120	17944	50.00
9	4321	144	567	5032	259	5844	73	5746	5737	-1278	15667	0	15667	2482	18149	50.02
10	4390	380	554	5324	220	6028	126	5867	6076	-1457	16317	0	16317	2788	19105	50.01
11	4426	740	476	5642	119	6136	160	5961	5926	-1549	16434	0	16434	3000	19434	49.99
12	4442	830	427	5699	81	6144	188	6105	6031	-1574	16569	0	16569	3068	19637	49.97
13	4422	545	421	5388	83	6094	185	6100	6071	-1580	16241	0	16241	3063	19304	49.97
14	4398	257	433	5088	104	6066	185	6021	5794	-1527	15710	0	15710	2934	18644	50.00
15	4258	434	436	5128	240	5978	172	6053	5889	-1593	15814	0	15814	3001	18815	49.95
16	4257	469	414	5140	451	5941	137	6069	6040	-1609	16100	0	16100	3032	19132	49.98
17	3969	341	435	4745	485	5829	94	5922	6181	-1508	15826	0	15826	3020	18846	50.01
18	3560	167	433	4160	467	5693	42	5811	6036	-1489	14909	0	14909	2950	17859	50.01
19	3552	486	460	4498	516	5578	6	5802	5644	-1440	14802	0	14802	2853	17655	49.99
20	4157	576	435	5168	614	5786	0	5930	5947	-1446	16069	0	16069	2876	18945	49.95
21	4197	177	445	4819	814	5827	0	5900	5816	-1472	15804	0	15804	2729	18533	49.96
22	3968	130	473	4571	929	5816	0	5754	5818	-1540	15594	0	15594	2603	18197	50.02
23	3772	145	450	4367	910	5693	0	5796	5876	-1532	15314	0	15314	2538	17852	49.98
24	3584	299	466	4349	919	5221	0	5720	6297	-1519	15267	0	15267	2487	17754	49.97
MUs	96.19	8.10	11.82	116.11	11.82	137.79	1.39	136.91	137.46	-32.20	372.38	0.00	372.38	61.65	434.03	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 30/Mar/2016

Position as on 6.30 Hrs of 31/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	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	Khaparkhedha Unit 1	210	30/03/2016	14.03	30/03/2016	19.41	oil fuel loss	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 30/Mar/2016

Statement-VII

Position as on 6.30 Hrs of 31/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	28/03/2016	17.20	30/03/2016	06.45	HT	Over Voltage
Parli(MS)-Parli (PG) I	InterState	30/03/2016	14.12	30/03/2016	17.45	PO	Taken on TBC
Dhule Sar'Sarovar I	InterState	30/03/2016	21.32	31/03/2016	06.37	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
Bhusawal-Aurangabad	IntraState	26/03/2016	20.56		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	28/03/2016	05.26	30/03/2016	08.44	T	Distance Protection (RFC @ 17.15 Hrs).
karad -kolhapur-II	IntraState	29/03/2016	18.00	30/03/2016	08.30	HT	Over Voltage
Jaigad-New Koyna Ckt-II	IntraState	30/03/2016	09.56	30/03/2016	16.16	PO	REPLACEMENT OF DECAAPED INSULATOR STRING.
Chandrapur II - Chandrapur ckt 2	IntraState	30/03/2016	14.16	30/03/2016	15.49	PO	Attending Hot Spot
Karad - Jaigad - II	IntraState	30/03/2016	17.19		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	30/03/2016	21.39		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	30/03/2016	06.14	30/03/2016	10.17	PO	ISOLATOR ALLIGENMENT WORK
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).
Bableshevar- 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.
Bableshevar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Talandage(kolh'r)- Sawantwadi II	IntraState	30/03/2016	07.50		Continued.	PO	FOR CHARGING NEWLY CONSTRUCTED 220KV BIDRI LOLO LINE.
Mahad-Kandalgaon	IntraState	30/03/2016	10.05	30/03/2016	18.40	PO	EARTH WIRE REPLACEMENT WORK.
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 2 @Ghodbunder R/S	IntraState	28/03/2016	09.32	30/03/2016	03.29	PO	CT Junction Box Replacement (upto 30.3.16).

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