

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Jul/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	87.917	292.557	1) Gujrat	-7.876	-24.604
2) Hydro	4.268	13.679	2) Madhya Pradesh	9.493	22.489
3) Gas	5.815	17.515	3) Chattisgarh	6.630	18.320
Total MSPGCL	98.000	323.751	4) Maharashtra Net	57.873	169.020
B) 1) APML	45.512	134.358	5) Goa (Amona)	-0.290	-2.118
2) JSWEL	19.553	52.739	6) TAPS 1&2 Injection	2.877	8.635
3) VIPL	10.086	30.281	7) RGPPL Injection	11.745	35.174
4) RPL(AMT)	0.000	3.657	8) Pench (MS)	0.421	0.697
5) WPCL	4.132	12.393	9) Pench (Excess)	-0.421	-0.697
6) Other IPP	3.171	9.345	Total	80.031	226.219
C) 1) TPCL Thermal	14.718	45.252	a) Mumbai Schedule	18.486	54.922
2) TPCL Hydro	1.604	4.465	b) Mumbai Drawl	18.308	66.680
3) TPCL Gas	3.864	11.526	c) MSEDCL Bilateral *	13.932	54.219
4) R-INFRA Thermal	9.643	31.947	Include PX	-18.910	-44.765
D) STATE			d) Mumbai Bilateral *	18.486	54.922
1) Thermal	194.732	612.529	Include PX	0.086	0.799
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	5.872	18.144	H) ENERGY CATERED (MUs)		
3) Gas	9.679	29.041	1) MSEDCL	278.850	853.661
4) Wind	36.233	125.295	2) Mumbai Discoms	48.137	159.870
6) SOLAR	0.440	2.303	TOTAL STATE	326.987	1013.531
TOTAL STATE	246.956	787.312			

* 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 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	3535	3603	3620	3753
MSPGCL Hydro	157	114	440	75
MSPGCL Gas	236	242	249	248
MSPGCL Total Generation	3928	3959	4309	4076
Central Sector Receipt	3976	3454	4137	2382
WIND	1588	1685	1441	1565
CPP / IPP	3489	3315	3683	3322
SOLAR	76	62	0	0
Exchange with Mumbai	-829	-877	-844	-614
MSEDCL DEMAND MET	12228	11598	12726	10731
Load Shedding	0	0	0	0
MSEDCL DEMAND	12228	11598	12726	10731
TPCL GENERATION	994	955	985	664
R-INFRA GENERATION	401	401	401	402
MUMBAI DEMAND	2224	2233	2230	1680
STATE DEMAND MET	14452	13831	14956	12411
STATE DEMAND	14452	13831	14956	12411
Frequency (Hz)	50.09	50.04	49.92	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 06:04 Hrs	49.69 Hz at 20:07 Hrs	50.01	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 03/Jul/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.32	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.60	0	0
Unit 8	11.45	35.07	485	427
Total	11.45	35.99		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.85	11.52	165	145
Unit 4	0.00	9.10	0	0
Unit 5	0.00	9.00	0	0
Total	3.85	29.61		
Parli				
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 3	3.97	11.96	173	160
Unit 4	3.77	11.84	169	93
Unit 5	8.64	26.05	370	350
Unit 6	8.40	26.33	365	300
Unit 7	8.28	24.77	361	325
Unit 8	0.89	6.50	125	0
Total	33.95	107.46		
Paras				
Unit 3	4.58	14.46	211	172
Unit 4	4.67	14.62	203	190
Total	9.25	29.08		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.93	11.61	170	160
Unit 3	3.98	11.91	168	164
Unit 4	3.94	11.75	166	162
Unit 5	9.63	29.36	405	398
Total	21.49	64.63		
Nasik				
Unit 3	3.96	12.14	170	160
Unit 4	0.00	0.00	0	0
Unit 5	3.97	11.73	169	160
Total	7.93	23.87		
Uran				
All Units	5.82	17.52	254	227
Total	5.82	17.52		
PENCH (MS)				
Pench (MS)	0.42	0.70	45	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.42	0.70		
Koyna				
Stage 1-2	1.44	4.44	155	40
Stage 4	0.00	0.23	0	0
Stage 3	0.93	2.94	160	0
Total	2.38	7.61		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	1.03	2.16	61	0
TILLARI	0.00	0.48	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	1.01	40	0
RNGR+BHTSA	0.00	0.12	0	0
BHANDARDRA	0.38	0.38	16	15
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	0.22	1.92	125	0
Total	1.89	6.07		
Wind				
Total	36.23	125.30	0	0
Total	36.23	125.30		
CPP				
APML(Mus)	45.51	134.36	0	0
JSWEL(Mus)	19.55	52.74	0	0
VIPL(Mus)	10.09	30.28	0	0
RPLAMT(Mus)	0.00	3.66	0	0
WPCL(Mus)	4.13	12.39	0	0
Other(Mus)	3.17	9.34	0	0
Total	82.45	242.77		
SOLAR				
Total	0.44	2.30	0	0
Total	0.44	2.30		
Tata				
Trombay 5	9.36	28.79	473	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.43	7.25	115	89
Trombay 7B	1.43	4.28	64	55
Trombay 8	5.36	16.46	247	201
TATA Hydro	1.60	4.46	171	0
Total	20.19	61.24		
R-INFRA				
1-2	9.64	31.95	403	400
Total	9.64	31.95		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	1.92
Koradi 9	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	87.92	292.56
MSPGCL Thml+Gas	93.73	310.07
MSPGCL Hydro	4.27	13.68

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	98.00	323.75
Koyna 1,2 & 4 Total	1.44	4.66
State Total	246.96	787.31

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/Jul/2016

Annexure-2

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	3812	116	247	4175	1528	3425	0	3817	3152	-883	11397	0	11397	1951	13348	49.99
2	3804	116	237	4157	1413	3389	0	2794	3021	-733	11247	0	11247	1819	13066	49.99
3	3776	231	247	4254	1292	3388	0	2299	2689	-644	10979	0	10979	1730	12709	49.98
4	3781	116	237	4134	1543	3372	0	2649	2682	-619	11112	0	11112	1689	12801	50.02
5	3753	75	248	4076	1565	3322	0	2243	2382	-614	10731	0	10731	1680	12411	50.05
6	3752	61	239	4052	1497	3358	0	1985	2888	-665	11130	0	11130	1730	12860	50.01
7	3761	83	254	4098	1594	3357	2	2419	3313	-651	11713	0	11713	1741	13454	50.03
8	3716	101	237	4054	1496	3359	17	2107	3483	-695	11714	0	11714	1826	13540	49.99
9	3574	152	248	3974	1305	3367	29	1838	3895	-756	11814	0	11814	1932	13746	50.01
10	3571	162	245	3978	1269	3504	43	2666	4118	-721	12191	0	12191	2084	14275	50.05
11	3535	157	236	3928	1588	3489	76	4146	3976	-829	12228	0	12228	2224	14452	50.09
12	3599	167	244	4010	1650	3432	76	3867	3683	-841	12010	0	12010	2232	14242	50.04
13	3603	114	242	3959	1685	3315	62	3659	3454	-877	11598	0	11598	2233	13831	50.04
14	3625	65	242	3932	1706	3311	44	3438	3350	-794	11549	0	11549	2155	13704	50.04
15	3637	61	232	3930	1853	3323	37	3160	2981	-725	11399	0	11399	2087	13486	50.00
16	3569	196	227	3992	1673	3329	29	2661	2922	-667	11278	0	11278	2034	13312	50.00
17	3588	296	233	4117	1703	3338	17	2589	2682	-650	11207	0	11207	2016	13223	50.02
18	3644	352	249	4245	1623	3370	8	2413	2792	-676	11362	0	11362	2038	13400	49.97
19	3666	290	251	4207	1318	3374	0	3215	3303	-722	11480	0	11480	2091	13571	50.00
20	3639	453	235	4327	1449	3478	0	3877	4213	-793	12674	0	12674	2183	14857	49.91
21	3620	440	249	4309	1441	3683	0	4115	4137	-844	12726	0	12726	2230	14956	49.92
22	3644	210	239	4093	1518	3791	0	3635	3739	-973	12168	0	12168	2206	14374	49.95
23	3643	139	248	4030	1394	3751	0	3612	3549	-1030	11694	0	11694	2173	13867	50.00
24	3605	115	249	3969	1130	3626	0	3608	3627	-906	11446	0	11446	2053	13499	50.03
MUs	87.92	4.27	5.81	98.00	36.23	82.45	0.44	72.81	80.03	-18.31	278.85	0.00	278.85	48.14	326.99	50.01

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 03/Jul/2016

Position as on 6.30 Hrs of 04/Jul/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,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
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	
IPP	JSW (J) U3	300	21/06/2016	18.15		Continued.	Capital Overhaul	
MSPGCL	Khaparkheda Unit 1	210	25/06/2016	23.45		Continued.	A.O.H.	
MSPGCL	Koyna Unit 8	80	29/06/2016	08.20		Continued.	Turbine Maintenance Work.	
MSPGCL	Koyna STG- IV Unit - 1	250	29/06/2016	09.00		Continued.	Attending Servo Motor Oil Leakage(15 Days).	
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 schedule	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
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	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No Schedule	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
RGPL	Dabhol 3A	230	07/05/2016	18.44		Continued.	Low Vacuum	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule From MSEDCL	
MSPGCL	Uran Unit 7	108	24/05/2016	17.42		Continued.	Generation Bearing Vibration High.	
MSPGCL	Koradi Unit 9	660	04/06/2016	14.45		Continued.	No consent to operate	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-2	270	18/06/2016	06.54		Continued.	Zero Shedule.	
MSPGCL	Nasik Unit 4	210	19/06/2016	00.20		Continued.	Water Shortage.	
RGPL	Dabhol 2B	230	20/06/2016	13.03		Continued.	Change Over.	
MSPGCL	Uran Unit B0	120	27/06/2016	06.42		Continued.	Maintenance work	
MSPGCL	Uran Unit 8	108	27/06/2016	06.43		Continued.	Maintenance work	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero schedule by MSEDCL	
IPP	RPL(AMT) U-4	270	30/06/2016	10.11		Continued.	Zero Schedule By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Jul/2016

Position as on 6.30 Hrs of 04/Jul/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit 5	200	01/07/2016	02.23		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Koradi Unit 7	210	01/07/2016	04.43		Continued.	Zero Shedule By MSEDCL.	
IPP	Adani U-5	660	01/07/2016	12.57		Continued.	Replacement with U-3	
IPP	RPL(AMT) U-1	270	01/07/2016	18.40		Continued.	Zero Schedule	
MSPGCL	Bhusawal Unit 4	500	01/07/2016	23.55		Continued.	Zero Schedule	
MSPGCL	Bhusawal Unit 5	500	01/07/2016	23.59		Continued.	Zero Schedule	
MSPGCL	Chandrapur Unit 9	500	02/07/2016	07.26		Continued.	M.S.Temp.Low.	
MSPGCL	Chandrapur Unit-8	500	03/07/2016	07.32		Continued.	High Drum Level.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jul/2016

Statement-VII

Position as on 6.30 Hrs of 04/Jul/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							
Kolhapur Solapur (PG) II	InterState	30/06/2016	17.06	04/07/2016	06.32	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	02/07/2016	00.22		Continued.	T	Over Voltage
Karad-Jaigad - I	IntraState	23/06/2016	13.12		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	25/06/2016	14.08		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	01/07/2016	18.00		Continued.	HT	To control Load on Padgha-BBLSR Line
Bhusawal-Aurangabad	IntraState	02/07/2016	16.24		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	02/07/2016	21.47	03/07/2016	19.43	T	Over Voltage @ Ratanindia(IB)
Lonikand I - Koyna stage-IV	IntraState	02/07/2016	22.00		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	03/07/2016	11.54	03/07/2016	19.44	PO	Checking Line CVT.
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	24/06/2016	19.15		Continued.	PO	On TBC jumper removing work by HOT LINE
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	24/06/2016	19.25		Continued.	PO	shifted on TBC for main bus 1&2 outage
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.
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).
Aurangabad (Waluj)-Bhenda	IntraState	22/06/2016	23.02		Continued.	HT	Hand Tripped.
Theur-Phursungi	IntraState	28/06/2016	09.48		Continued.	PO	Taken on TBC at Theur
Kalwa-Salsette-IV	IntraState	28/06/2016	18.17		Continued.	T	Distance Protection
Trombay Salsette 1 Backbay	IntraState	29/06/2016	11.05		Continued.	HT	To Control Kalwa-Salsette-6 Line Loading.
Kalwa Salsette III	IntraState	03/07/2016	08.06	03/07/2016	18.46	PO	For Safety Purpose While Dismantling of Tower.
Borivali - Ghodbunder	IntraState	03/07/2016	10.55	03/07/2016	13.05	PO	Due to DC Leakage Problem @ Borivali.Charge on TBC.
Bapgaon - Kalwa	IntraState	03/07/2016	12.40	03/07/2016	20.45	T	On PDR @ Bapgaon End.
Waluj - Jalna 1	IntraState	03/07/2016	20.27	03/07/2016	20.42	T	Distance Protection
Bapgaon - Kalwa	IntraState	03/07/2016	21.47	03/07/2016	23.17	T	On PDR @ Bapgaon End.
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							
Ambazari-Arvi	IntraState	03/07/2016	19.40	03/07/2016	20.07	T	Distance Protection
100 KV LINE Outages/Trippings							
Vasai-Ii - Vasai 1 Line	IntraState	29/06/2016	11.28		Continued.	HT	To Control Kalwa-Salsette-6 Line Loading.
Vasai-Ii - Vasai 2 Line	IntraState	29/06/2016	11.30		Continued.	HT	To Control Kalwa-Salsette-6 Line Loading.

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