

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Aug/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	64.199	442.884	1) Gujrat	2.695	6.212
2) Hydro	16.983	64.503	2) Madhya Pradesh	11.151	77.950
3) Gas	9.664	63.306	3) Chattisgarh	6.870	47.330
Total MSPGCL	90.846	570.693	4) Maharashtra Net	49.931	411.136
B) 1) APML	21.242	242.062	5) Goa (Amona)	-0.526	-5.443
2) JSWEL	18.782	137.113	6) TAPS 1&2 Injection	3.680	25.747
3) VIPL	10.068	44.167	7) RGPPL Injection	12.213	82.634
4) RPL(AMT)	0.000	0.000	8) Pench (MS)	0.228	2.438
5) WPCL	4.899	29.624	9) Pench (Excess)	-0.228	-2.438
6) Other IPP	2.084	16.422	Total	85.786	643.128
C) 1) TPCL Thermal	12.389	87.880	a) Mumbai Schedule	15.174	116.675
2) TPCL Hydro	5.052	44.253	b) Mumbai Drawl	18.396	162.143
3) TPCL Gas	2.402	22.566	c) MSEDCL Bilateral *	24.789	195.330
4) R-INFRA Thermal	9.652	68.192	Include PX	-2.053	-8.892
D) STATE			d) Mumbai Bilateral *	15.174	116.675
1) Thermal	143.315	1068.344	Include PX	0.000	22.322
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	22.035	108.756	H) ENERGY CATERED (MUs)		
3) Gas	12.066	85.872	1) MSEDCL	264.570	1874.362
4) Wind	48.457	348.389	2) Mumbai Discoms	47.894	385.034
6) SOLAR	0.802	4.907	TOTAL STATE	312.464	2259.396
TOTAL STATE	226.675	1616.268			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	2577	2669	2844	2566
MSPGCL Hydro	255	287	1587	199
MSPGCL Gas	401	401	392	407
MSPGCL Total Generation	3233	3357	4823	3172
Central Sector Receipt	4792	3885	3946	3641
WIND	2235	2196	1679	1853
CPP / IPP	2554	2389	2380	2183
SOLAR	98	107	0	0
Exchange with Mumbai	-918	-961	-834	-603
MSEDCL DEMAND MET	11994	10973	11994	10246
Load Shedding	0	0	0	0
MSEDCL DEMAND	11994	10973	11994	10246
TPCL GENERATION	794	850	1010	621
R-INFRA GENERATION	401	402	402	402
MUMBAI DEMAND	2113	2213	2246	1626
STATE DEMAND MET	14107	13186	14240	11872
STATE DEMAND	14107	13186	14240	11872
Frequency (Hz)	49.99	49.94	49.95	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18:01 Hrs	49.77 Hz at 19:12 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 07/Aug/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	0.00	0	0
Unit 8	9.70	35.54	442	387
Total	9.70	35.54		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
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	3.59	22.39	171	131
Unit 4	3.16	21.13	141	109
Unit 5	7.83	53.79	360	295
Unit 6	0.00	48.25	0	0
Unit 7	8.34	55.60	371	310
Unit 8	2.65	7.85	264	0
Total	25.58	209.01		
Paras				
Unit 3	4.82	33.72	214	191
Unit 4	4.53	31.78	208	140
Total	9.36	65.50		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.63	67.92	405	400
Total	9.63	67.92		
Nasik				
Unit 3	3.98	27.32	170	160
Unit 4	3.97	20.24	174	158
Unit 5	0.00	10.04	0	0
Total	7.95	57.60		
Uran				
All Units	9.66	63.31	423	385
Total	9.66	63.31		
PENCH (MS)				
Pench (MS)	0.23	2.44	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.23	2.44		
Koyna				
Stage 1-2	5.48	18.42	530	40
Stage 4	5.41	7.80	802	0
Stage 3	3.22	14.54	240	0
Total	14.11	40.76		
Hydro				
KDPH	0.88	1.29	37	36
VTRNA	0.56	4.92	60	0
TILLARI	0.00	0.69	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.48	3.46	80	0
RNGR+BHTSA	0.08	1.68	4	3
BHANDARDRA	0.35	4.53	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.30	2.05	13	12
GHATGHAR	0.22	5.12	125	0
Total	2.87	23.74		
Wind				
Total	48.46	348.39	0	0
Total	48.46	348.39		
CPP				
APML(Mus)	21.24	242.06	0	0
JSWEL(Mus)	18.78	137.11	0	0
VIPL(Mus)	10.07	44.17	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.90	29.62	0	0
Other(Mus)	2.08	16.42	0	0
Total	57.08	469.39		
SOLAR				
Total	0.80	4.91	0	0
Total	0.80	4.91		
Tata				
Trombay 5	7.55	53.78	318	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.43	13.53	76	54
Trombay 7B	0.97	9.04	44	34
Trombay 8	4.84	34.10	204	197
TATA Hydro	5.05	44.25	390	9
Total	19.84	154.70		
R-INFRA				
1-2	9.65	68.19	403	401
Total	9.65	68.19		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	1.98	7.32
Koradi 9	0.00	0.00
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	64.20	442.88
MSPGCL Thml+Gas	73.86	506.19
MSPGCL Hydro	16.98	64.50

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	90.85	570.69
Koyna 1,2 & 4 Total	10.90	26.22
State Total	226.68	1616.27

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 07/Aug/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	2447	588	395	3430	1913	2318	0	3850	3610	-713	10558	0	10558	1971	12529	49.93
2	2457	701	417	3575	2061	1973	0	2969	3608	-619	10598	0	10598	1757	12355	49.99
3	2552	319	396	3267	2008	2139	0	3442	3487	-650	10251	0	10251	1677	11928	49.99
4	2566	199	407	3172	1853	2183	0	3489	3641	-603	10246	0	10246	1626	11872	49.97
5	2560	189	417	3166	1929	2200	0	3495	3589	-557	10327	0	10327	1627	11954	49.96
6	2577	199	395	3171	1996	2294	0	3840	3792	-542	10711	0	10711	1695	12406	49.98
7	2615	189	415	3219	2087	2488	1	4419	4398	-541	11652	0	11652	1741	13393	49.99
8	2612	359	393	3364	1936	2659	17	4448	4320	-599	11697	0	11697	1796	13493	49.97
9	2568	199	423	3190	2189	2780	61	4806	4602	-782	12040	0	12040	1981	14021	49.98
10	2577	255	401	3233	2235	2554	98	4872	4792	-918	11994	0	11994	2113	14107	49.99
11	2628	453	400	3481	2285	2459	95	4548	4260	-1013	11567	0	11567	2217	13784	49.97
12	2636	355	403	3394	2178	2387	105	4381	4249	-976	11337	0	11337	2223	13560	49.99
13	2669	287	401	3357	2196	2389	107	3961	3885	-961	10973	0	10973	2213	13186	49.94
14	2744	301	396	3441	2139	2384	99	3758	3426	-893	10596	0	10596	2130	12726	50.00
15	2752	387	398	3537	2297	2384	89	2921	2972	-821	10458	0	10458	2072	12530	49.99
16	2776	1097	385	4258	2149	2395	57	2320	2544	-717	10686	0	10686	2045	12731	50.00
17	2799	1198	402	4399	2033	2390	50	2445	2294	-762	10404	0	10404	2018	12422	49.97
18	2788	1139	404	4331	2038	2395	20	2338	2402	-762	10424	0	10424	2012	12436	49.98
19	2775	1412	397	4584	1980	2382	3	2634	2688	-756	10881	0	10881	2040	12921	49.98
20	2841	1717	414	4972	1679	2391	0	3626	3600	-793	11849	0	11849	2200	14049	49.99
21	2844	1587	392	4823	1679	2380	0	4029	3946	-834	11994	0	11994	2246	14240	49.95
22	2806	1028	403	4237	1941	2385	0	3872	3890	-836	11617	0	11617	2233	13850	49.93
23	2824	1357	394	4575	1927	2385	0	3226	3017	-835	11069	0	11069	2150	13219	49.94
24	2786	1468	416	4670	1729	2379	0	2984	2774	-913	10639	0	10639	2108	12747	49.99
MUs	64.20	16.98	9.66	90.85	48.46	57.08	0.80	86.67	85.79	-18.40	264.57	0.00	264.57	47.89	312.46	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 07/Aug/2016

Position as on 6.30 Hrs of 08/Aug/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	
MSPGCL	Koyana Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
MSPGCL	Khaparkheda Unit 1	210	25/06/2016	23.45		Continued.	Zero Schedule by MSEDCL from 00.00Hrs Dt.19-7-16 and A.O.H from 25/06/2016 to 18/07/2016	
MSPGCL	Bhusawal Unit 4	500	01/07/2016	23.55		Continued.	A.O.H from 19/07/2016 and Zero Shedule By MSEDCL from 1/07/2016 to 18/07/2016.	
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	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 PPA.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Shedule By 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 concent to operate	
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-2	270	18/06/2016	06.54		Continued.	Zero Shedule By MSEDCL.	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
IPP	RPL(AMT) U-4	270	30/06/2016	10.11		Continued.	Zero Schedule By MSEDCL.	
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	RPL(AMT) U-1	270	01/07/2016	18.40		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Bhusawal Unit 5	500	01/07/2016	23.59		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Khaparkheda Unit 2	210	05/07/2016	23.46		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Khaparkheda Unit 3	210	05/07/2016	23.52		Continued.	Zero Shedule By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Aug/2016

Position as on 6.30 Hrs of 08/Aug/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 4	210	08/07/2016	03.07		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Bhusawal Unit 3	210	08/07/2016	23.57		Continued.	ID Fan Problem (Converted to Zero schedule by MSEDCL from 11-07-2016)	
IPP	Adani U-4	660	13/07/2016	02.22		Continued.	Zero Shedule By MSEDCL.	
RGPL	Dabhol 3B	230	18/07/2016	12.40		Continued.	Tripped.	
RGPL	Dabhol 2B	230	24/07/2016	17.13		Continued.	Change Over	
IPP	JSW (J) U3	300	31/07/2016	19.29		Continued.	Generator Hydrogen leakage	
MSPGCL	Chandrapur Unit-8	500	01/08/2016	22.43	07/08/2016	10.39	Drum level high	
MSPGCL	Nasik Unit 5	210	03/08/2016	17.30		Continued.	Zero shedule	
IPP	Adani U-1	660	05/08/2016	11.44		Continued.	Zero Schedule from MSEDCL	
MSPGCL	Chandrapur Unit 6	500	06/08/2016	21.54		Continued.	Boiler Tube Leakage	
IPP	Adani U-5	660	06/08/2016	23.54		Continued.	Zero schedule given by MSDCL.	
IPP	Adani U-3	660	07/08/2016	00.44	07/08/2016	05.09	MFT oprated	
MSPGCL	Paras Unit 3	250	08/08/2016	00.01		Continued.	Zero schedule given by MSDCL.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 07/Aug/2016

Statement-VII

Position as on 6.30 Hrs of 08/Aug/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							
Chandrapur Bhadravati II	InterState	03/08/2016	01.59		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	03/08/2016	15.49		Continued.	HT	Over Voltage
Dhule Khandwa II	InterState	07/08/2016	14.34		Continued.	PO	To convert line reactor as bus reactor at khandwa end.
Bhusawal-Aurangabad	IntraState	27/07/2016	13.09		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	27/07/2016	21.07		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	01/08/2016	02.35		Continued.	T	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	01/08/2016	09.53		Continued.	HT	To control Padghe-BBLSR L/L
Bus Coupler @ Parly(Girwali)	IntraState	05/08/2016	11.56		Continued.	T	Tripped without Indication,while charging trial failed at 18.08hrs on PDR problem
Lonikand I - Koyna stage-IV	IntraState	06/08/2016	22.25	07/08/2016	08.51	HT	Over Voltage
Chandrapur-II - Nanded	IntraState	07/08/2016	00.53		Continued.	T	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	07/08/2016	09.23	08/08/2016	06.40	PO	Line signature analysis and reactor cold welding work for oil leakage.
Lonikand I - Koyna stage-IV	IntraState	07/08/2016	13.17		Continued.	HT	Over Voltage
Padghe - Kharghar	IntraState	07/08/2016	17.07		Continued.	PO	Shifted on TBC at kharghar end
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.
Aurangabad (Waluj)-Bhenda	IntraState	22/06/2016	23.02		Continued.	HT	Hand Tripped.
Kalwa-Salsette-IV	IntraState	28/06/2016	18.17		Continued.	T	Distance Protection
Bableshwar- Alephata	IntraState	24/07/2016	07.57		Continued.	HT	Load Diversion.
Trombay Salsette 1 Backbay	IntraState	06/08/2016	22.49	07/08/2016	07.45	EO	Attending Hot Spot
Kalwa-Salsette-VI	IntraState	07/08/2016	01.20	07/08/2016	07.03	EO	Attending Hot Spot
REL Borivali MSETCL Borivali Line-1	IntraState	07/08/2016	09.14	07/08/2016	12.12	PO	Annual bay maintance work.
Borivali(M)- Vasai	IntraState	07/08/2016	09.43	07/08/2016	17.48	HT	Outage on bus section.
Tata Borivli MSETCL Borivli 5	IntraState	07/08/2016	10.02	07/08/2016	17.39	HT	Outage on bus section.
Borivali - Ghodbunder	IntraState	07/08/2016	10.19	07/08/2016	17.13	HT	Outage on bus section.
REL Borivali MSETCL Borivali Line-2	IntraState	07/08/2016	12.16	07/08/2016	13.58	PO	Annual bay maintance 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)
220/132 Kv 200 Mva Bbl Ict 1 @Beed	IntraState	07/08/2016	09.42	07/08/2016	12.05	T	Sparking on HV side R-PH CT.
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	07/08/2016	12.05	07/08/2016	12.30	PO	Maintance work.
220/132 KV 100MVA ICT @ Kawlewadi	IntraState	07/08/2016	17.58		Continued.	T	On PRV.
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.

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