

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Aug/2016 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	70.326	378.685	1) Gujrat	0.662	3.517
2) Hydro	7.196	47.520	2) Madhya Pradesh	11.613	66.799
3) Gas	9.716	53.642	3) Chattisgarh	7.510	40.460
Total MSPGCL	87.238	479.847	4) Maharashtra Net	51.418	361.205
B) 1) APMIL	27.930	220.820	5) Goa (Amona)	-0.800	-4.917
2) JSWEL	18.385	118.331	6) TAPS 1&2 Injection	3.688	22.067
3) VIPL	8.540	34.099	7) RGPPL Injection	12.079	70.421
4) RPL(AMT)	0.000	0.000	8) Pench (MS)	0.524	2.210
5) WPCL	4.635	24.725	9) Pench (Excess)	-0.524	-2.210
6) Other IPP	2.307	14.338	Total	85.646	557.342
C) 1) TPCL Thermal	12.397	75.491	a) Mumbai Schedule	15.477	101.501
2) TPCL Hydro	6.150	39.201	b) Mumbai Drawl	22.881	143.747
3) TPCL Gas	3.778	20.164	c) MSEDCL Bilateral *	24.747	170.541
4) R-INFRA Thermal	9.645	58.540	Include PX	-3.728	-6.839
D) STATE			d) Mumbai Bilateral *	15.477	101.501
1) Thermal	154.165	925.029	Include PX	0.326	22.322
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	13.346	86.721	H) ENERGY CATERED (MUs)		
3) Gas	13.494	73.806	1) MSEDCL	261.590	1609.792
4) Wind	49.074	299.932	2) Mumbai Discoms	54.852	337.140
6) SOLAR	0.716	4.105	TOTAL STATE	316.442	1946.932
TOTAL STATE	230.795	1389.593			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	2837	2874	2987	3014
MSPGCL Hydro	297	171	662	294
MSPGCL Gas	389	408	407	394
MSPGCL Total Generation	3523	3453	4056	3702
Central Sector Receipt	4984	3481	4000	2679
WIND	2030	2306	2225	1819
CPP / IPP	2386	2830	2954	2191
SOLAR	73	84	1	0
Exchange with Mumbai	-1158	-1351	-1061	-573
MSEDCL DEMAND MET	11838	10803	12175	9818
Load Shedding	0	0	0	0
MSEDCL DEMAND	11838	10803	12175	9818
TPCL GENERATION	1034	1057	1075	642
R-INFRA GENERATION	402	403	402	403
MUMBAI DEMAND	2594	2811	2538	1618
STATE DEMAND MET	14432	13614	14713	11436
STATE DEMAND	14432	13614	14713	11436
Frequency (Hz)	49.98	50.04	49.90	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13:00 Hrs	49.8 Hz at 19:40 Hrs	49.98	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 06/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	10.16	25.84	482	367
Total	10.16	25.84		
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	3.49	18.79	160	126
Unit 4	3.06	17.97	135	108
Unit 5	8.09	45.96	370	280
Unit 6	7.80	48.25	380	0
Unit 7	8.36	47.26	365	300
Unit 8	0.00	5.20	0	0
Total	30.81	183.44		
Paras				
Unit 3	4.87	28.90	220	192
Unit 4	4.61	27.24	200	188
Total	9.48	56.14		
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	9.62	58.29	405	400
Total	9.62	58.29		
Nasik				
Unit 3	3.96	23.34	170	150
Unit 4	4.06	16.27	181	160
Unit 5	0.00	10.04	0	0
Total	8.02	49.64		
Uran				
All Units	9.72	53.64	421	386
Total	9.72	53.64		
PENCH (MS)				
Pench (MS)	0.52	2.21	27	10

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.52	2.21		
Koyna				
Stage 1-2	2.26	12.94	270	40
Stage 4	0.00	2.39	0	0
Stage 3	1.94	11.32	240	0
Total	4.19	26.65		
Hydro				
KDPH	0.42	0.42	37	0
VTRNA	1.27	4.36	61	0
TILLARI	0.02	0.69	17	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.47	2.97	80	0
RNGR+BHTSA	0.06	1.60	3	2
BHANDARDRA	0.52	4.19	22	21
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.25	1.75	11	10
GHATGHAR	0.00	4.89	0	0
Total	3.00	20.87		
Wind				
Total	49.07	299.93	0	0
Total	49.07	299.93		
CPP				
APML(Mus)	27.93	220.82	0	0
JSWEL(Mus)	18.38	118.33	0	0
VIPL(Mus)	8.54	34.10	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.64	24.72	0	0
Other(Mus)	2.31	14.34	0	0
Total	61.80	412.31		
SOLAR				
Total	0.72	4.10	0	0
Total	0.72	4.10		
Tata				
Trombay 5	7.55	46.23	318	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.34	12.10	115	57
Trombay 7B	1.44	8.07	67	43
Trombay 8	4.85	29.26	205	200
TATA Hydro	6.15	39.20	390	21
Total	22.32	134.86		
R-INFRA				
1-2	9.64	58.54	403	400
Total	9.64	58.54		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 9	2.24	5.33	MSPGCL Thermal	70.33	378.68	MSPGCL Total	87.24	479.85
Koradi 9	0.00	0.00	MSPGCL Thml+Gas	80.04	432.33	Koyna 1,2 & 4 Total	2.26	15.33
Koradi 10	0.00	0.00	MSPGCL Hydro	7.20	47.52	State Total	230.80	1389.59
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/Aug/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	3067	294	406	3767	1800	2193	0	3616	3194	-707	10247	0	10247	1916	12163	49.94
2	3053	294	418	3765	1708	2182	0	3062	2852	-602	9905	0	9905	1784	11689	49.95
3	3051	294	409	3754	1851	2191	0	2865	2649	-623	9822	0	9822	1674	11496	49.95
4	3014	294	394	3702	1819	2191	0	2722	2679	-573	9818	0	9818	1618	11436	49.94
5	3009	300	414	3723	2080	2189	0	2816	2817	-588	10221	0	10221	1629	11850	49.98
6	2992	185	405	3582	1786	2185	0	3857	3625	-643	10535	0	10535	1744	12279	50.00
7	2973	140	416	3529	1974	2203	1	4688	4225	-685	11247	0	11247	1856	13103	49.94
8	3024	135	394	3553	2059	2300	19	4701	4487	-771	11647	0	11647	1998	13645	50.01
9	2966	235	421	3622	1930	2364	34	5031	4875	-1030	11795	0	11795	2335	14130	50.00
10	2837	297	389	3523	2030	2386	73	5147	4984	-1158	11838	0	11838	2594	14432	49.98
11	2758	456	403	3617	2083	2465	64	4664	4618	-1354	11493	0	11493	2845	14338	50.05
12	2747	250	402	3399	2149	2649	105	4670	4161	-1372	11091	0	11091	2847	13938	50.03
13	2874	171	408	3453	2306	2830	84	3984	3481	-1351	10803	0	10803	2811	13614	50.04
14	2876	132	420	3428	2310	2813	95	3193	2976	-1173	10449	0	10449	2618	13067	50.04
15	2949	187	408	3544	2295	2849	98	3113	2908	-1169	10525	0	10525	2607	13132	49.96
16	2978	312	393	3683	2227	2851	76	2713	2720	-1119	10438	0	10438	2590	13028	50.02
17	2991	462	386	3839	2348	2852	38	2732	2482	-1076	10483	0	10483	2553	13036	49.99
18	2977	440	406	3823	2347	2841	19	2615	2598	-1037	10591	0	10591	2523	13114	50.02
19	3062	572	401	4035	2274	2876	9	3119	3171	-1029	11336	0	11336	2512	13848	49.94
20	2987	662	407	4056	2225	2954	1	3864	4000	-1061	12175	0	12175	2538	14713	49.90
21	3039	368	397	3804	2069	2933	0	4362	4232	-1044	11994	0	11994	2513	14507	49.93
22	2866	287	415	3568	1907	2916	0	4146	4001	-979	11413	0	11413	2412	13825	49.97
23	2643	249	390	3282	1815	2911	0	4212	3969	-869	11108	0	11108	2215	13323	49.97
24	2593	180	414	3187	1682	2672	0	4151	3942	-868	10615	0	10615	2119	12734	49.93
MUs	70.33	7.20	9.72	87.24	49.07	61.80	0.72	90.04	85.65	-22.88	261.59	0.00	261.59	54.85	316.44	49.98

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 06/Aug/2016

Position as on 6.30 Hrs of 07/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	Khaparkhedha 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.	
IPP	VIPL U-2	300	15/07/2016	00.16	06/08/2016	06.36	Genrator Inspection.	
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	Khaparkhedha Unit 2	210	05/07/2016	23.46		Continued.	Zero Shedule By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 06/Aug/2016

Position as on 6.30 Hrs of 07/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 3	210	05/07/2016	23.52		Continued.	Zero Shedule By MSEDCL.	
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-2	660	03/08/2016	19.28	06/08/2016	10.15	Turbine side drain line	
IPP	Adani U-1	660	05/08/2016	11.44		Continued.	Zero Schedule from MSEDCL	
MSPGCL	Chandrapur Unit 9	500	06/08/2016	09.17	06/08/2016	12.03	Flame Failure	
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	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Aug/2016

Statement-VII

Position as on 6.30 Hrs of 07/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-Bableswhar ckt II	IntraState	01/08/2016	09.53		Continued.	HT	To control Padgha-BBLSR L/L
Parly(MS)- Nanded	IntraState	05/08/2016	08.08	06/08/2016	05.46	PO	LA and Corona ring maint.work
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
Chandrapur-II - Nanded	IntraState	05/08/2016	22.24	06/08/2016	06.40	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/08/2016	23.35	06/08/2016	09.35	HT	Over Voltage
Bus Coupler @ New Koyna	IntraState	06/08/2016	10.46	06/08/2016	14.50	PO	Maintenance.
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		Continued.	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
Bableswhar- Alephata	IntraState	24/07/2016	07.57		Continued.	HT	Load Diversion.
Boisar II - PGCIL II	IntraState	05/08/2016	22.06	06/08/2016	00.16	T	Tripped on PDR
Hinjawadi 2 - Infosys	IntraState	06/08/2016	10.06	06/08/2016	17.34	PO	Half yearly maintenance work
REL Borivali TPC Borivali line	IntraState	06/08/2016	10.1	06/08/2016	12.29	PO	Annual bay maintenance work.
Pedambe-Pophali	IntraState	06/08/2016	11.22	06/08/2016	18.05	T	Distance Protection
Bhosari 2 - Telco	IntraState	06/08/2016	14.42	06/08/2016	19.30	PO	Relay replacement work & RMW
Trombay Salsette 1 Backbay	IntraState	06/08/2016	22.49	07/08/2016	07.45	EO	Attending Hot Spot
Talandage(400kv) - Five Star Midc	IntraState	06/08/2016	9.49	06/08/2016	20.42	PO	Testing & RMW work.
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							

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 06/Aug/2016

Statement-VII

Position as on 6.30 Hrs of 07/Aug/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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 lct 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-li - 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