

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Aug/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	62.560	505.444	1) Gujrat	2.040	8.252
2) Hydro	30.072	94.575	2) Madhya Pradesh	10.696	88.646
3) Gas	9.674	72.980	3) Chattisgarh	7.670	55.000
Total MSPGCL	102.306	672.999	4) Maharashtra Net	52.724	463.860
B) 1) APML	23.278	265.340	5) Goa (Amona)	-0.616	-6.059
2) JSWEL	18.610	155.723	6) TAPS 1&2 Injection	3.658	29.405
3) VIPL	10.288	54.455	7) RGPPL Injection	11.693	94.327
4) RPL(AMT)	0.000	0.000	8) Pench (MS)	0.252	2.690
5) WPCL	4.830	34.454	9) Pench (Excess)	-0.252	-2.690
6) Other IPP	2.133	18.555	Total	87.613	730.741
C) 1) TPCL Thermal	13.009	100.889	a) Mumbai Schedule	18.005	134.680
2) TPCL Hydro	6.345	50.598	b) Mumbai Drawl	25.070	187.213
3) TPCL Gas	3.606	26.172	c) MSEDCL Bilateral *	22.241	217.571
4) R-INFRA Thermal	10.079	78.271	Include PX	-5.817	-14.708
D) STATE			d) Mumbai Bilateral *	18.005	134.680
1) Thermal	144.787	1213.131	Include PX	1.130	23.452
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	36.417	145.173	H) ENERGY CATERED (MUs)		
3) Gas	13.280	99.152	1) MSEDCL	273.592	2147.954
4) Wind	48.820	397.209	2) Mumbai Discoms	58.102	443.136
6) SOLAR	0.784	5.691	TOTAL STATE	331.694	2591.090
TOTAL STATE	244.088	1860.356			

* 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	2786	2487	2556	2613
MSPGCL Hydro	1316	844	1537	955
MSPGCL Gas	411	396	392	397
MSPGCL Total Generation	4513	3727	4485	3965
Central Sector Receipt	4532	3997	4532	2686
WIND	2053	2220	1915	1858
CPP / IPP	2408	2409	2868	2383
SOLAR	85	95	0	0
Exchange with Mumbai	-1306	-1357	-1077	-595
MSEDCL DEMAND MET	12285	11091	12723	10297
Load Shedding	0	0	0	0
MSEDCL DEMAND	12285	11091	12723	10297
TPCL GENERATION	1069	1161	1164	614
R-INFRA GENERATION	402	505	489	402
MUMBAI DEMAND	2777	3023	2730	1611
STATE DEMAND MET	15062	14114	15453	11908
STATE DEMAND	15062	14114	15453	11908
Frequency (Hz)	49.99	50.01	49.93	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 11:51 Hrs	49.78 Hz at 06:13 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 08/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	9.28	44.82	432	340
Total	9.28	44.82		
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	3.74	26.13	178	123
Unit 4	3.25	24.38	146	127
Unit 5	8.38	62.17	375	305
Unit 6	0.00	48.25	0	0
Unit 7	8.06	63.66	364	306
Unit 8	6.83	14.68	358	210
Total	30.26	239.28		
Paras				
Unit 3	0.00	33.73	4	0
Unit 4	4.56	36.34	205	145
Total	4.56	70.06		
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	9.76	77.68	470	400
Total	9.76	77.68		
Nasik				
Unit 3	2.30	29.62	170	0
Unit 4	3.97	24.21	194	160
Unit 5	0.00	10.04	0	0
Total	6.28	63.87		
Uran				
All Units	9.67	72.98	423	375
Total	9.67	72.98		
PENCH (MS)				
Pench (MS)	0.25	2.69	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.25	2.69		
Koyna				
Stage 1-2	6.40	24.82	585	50
Stage 4	14.05	21.84	930	250
Stage 3	5.01	19.55	240	20
Total	25.46	66.22		
Hydro				
KDPH	0.87	2.16	37	36
VTRNA	1.35	6.27	59	11
TILLARI	0.43	1.12	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.47	3.93	80	0
RNGR+BHTSA	0.09	1.77	4	3
BHANDARDRA	0.35	4.88	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.41	2.46	23	15
GHATGHAR	0.66	5.78	255	0
Total	4.62	28.36		
Wind				
Total	48.82	397.21	0	0
Total	48.82	397.21		
CPP				
APML(Mus)	23.28	265.34	0	0
JSWEL(Mus)	18.61	155.72	0	0
VIPL(Mus)	10.29	54.46	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.83	34.45	0	0
Other(Mus)	2.13	18.56	0	0
Total	59.14	528.53		
SOLAR				
Total	0.78	5.69	0	0
Total	0.78	5.69		
Tata				
Trombay 5	8.15	61.93	472	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.21	15.73	115	57
Trombay 7B	1.40	10.44	67	43
Trombay 8	4.86	38.96	243	198
TATA Hydro	6.34	50.60	390	8
Total	22.96	177.66		
R-INFRA				
1-2	10.08	78.27	505	401
Total	10.08	78.27		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 9	2.41	9.73	MSPGCL Thermal	62.56	505.44	MSPGCL Total	102.31	673.00
Koradi 9	0.00	0.00	MSPGCL Thml+Gas	72.23	578.42	Koyna 1,2 & 4 Total	20.44	46.66
Koradi 10	0.00	0.00	MSPGCL Hydro	30.07	94.58	State Total	244.09	1860.36
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 08/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	2666	1043	396	4105	1848	2387	0	2915	2811	-738	10413	0	10413	1904	12317	49.96
2	2672	1086	419	4177	1807	2378	0	2520	2579	-634	10307	0	10307	1742	12049	49.97
3	2636	963	419	4018	1890	2384	0	2728	2715	-626	10381	0	10381	1652	12033	49.98
4	2613	955	397	3965	1858	2383	0	2726	2686	-595	10297	0	10297	1611	11908	49.96
5	2701	959	418	4078	1957	2379	0	2762	2922	-592	10744	0	10744	1611	12355	50.00
6	2690	1122	398	4210	2059	2389	0	2769	3078	-651	11085	0	11085	1744	12829	49.98
7	2692	1600	417	4709	1858	2395	0	3230	3768	-708	12022	0	12022	1927	13949	49.92
8	2744	1699	408	4851	1883	2390	31	3810	3980	-830	12305	0	12305	2108	14413	50.01
9	2771	1497	423	4691	1931	2402	53	4503	4318	-1155	12240	0	12240	2542	14782	50.02
10	2786	1316	411	4513	2053	2408	85	4534	4532	-1306	12285	0	12285	2777	15062	49.99
11	2665	1479	405	4549	2064	2404	92	4026	4213	-1424	11898	0	11898	2959	14857	49.97
12	2693	1155	401	4249	2145	2404	119	4163	4077	-1351	11643	0	11643	3053	14696	50.00
13	2487	844	396	3727	2220	2409	95	4224	3997	-1357	11091	0	11091	3023	14114	50.01
14	2580	858	408	3846	2389	2395	90	3414	3506	-1288	10938	0	10938	2855	13793	49.97
15	2578	1132	391	4101	2365	2420	84	2801	3501	-1381	11090	0	11090	2877	13967	49.96
16	2595	996	416	4007	2353	2521	68	4095	3241	-1397	10793	0	10793	2870	13663	49.98
17	2393	990	412	3795	2284	2415	45	3540	3934	-1363	11110	0	11110	2840	13950	49.91
18	2429	1365	403	4197	2195	2415	19	3545	3570	-1325	11071	0	11071	2797	13868	49.99
19	2369	1226	413	4008	2206	2563	3	4027	4203	-1257	11726	0	11726	2731	14457	49.95
20	2556	1537	392	4485	1915	2868	0	4601	4532	-1077	12723	0	12723	2730	15453	49.93
21	2567	1473	389	4429	1986	2905	0	4809	4422	-1138	12604	0	12604	2626	15230	50.02
22	2481	1710	383	4574	1900	2682	0	3708	4001	-1023	12134	0	12134	2499	14633	49.98
23	2585	1828	384	4797	1839	2437	0	3203	3421	-955	11539	0	11539	2385	13924	49.97
24	2611	1239	375	4225	1815	2403	0	3618	3606	-899	11150	0	11150	2246	13396	49.98
MUs	62.56	30.07	9.67	102.31	48.82	59.14	0.78	86.27	87.61	-25.07	273.59	0.00	273.59	58.11	331.70	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 08/Aug/2016

Position as on 6.30 Hrs of 09/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.	
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.	
MSPGCL	Khaparkhedha 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 08/Aug/2016

Position as on 6.30 Hrs of 09/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	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	09/08/2016	05.24	Boiler Tube Leakage	
IPP	Adani U-5	660	06/08/2016	23.54		Continued.	Zero schedule given by MSDCL.	
MSPGCL	Paras Unit 3	250	08/08/2016	00.01		Continued.	Zero schedule given by MSDCL.	
MSPGCL	Nasik Unit 3	210	08/08/2016	11.55	08/08/2016	21.48	due to Tripping of 6.6kv R3B Board	
MSPGCL	Chandrapur Unit 3	210	09/08/2016	00.18		Continued.	Zero shedule	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 08/Aug/2016

Statement-VII

Position as on 6.30 Hrs of 09/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	08/08/2016	08.16	HT	Over Voltage
Dhule Khandwa II	InterState	07/08/2016	14.34	08/08/2016	07.45	PO	To convert line reactor as bus reactor at khandwa end.
Kolhapur Solapur (PG) II	InterState	08/08/2016	12.10		Continued.	HT	Over Voltage
Dhule Khandwa I	InterState	08/08/2016	13.20		Continued.	HT	Over Voltage
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-Bableshtar ckt II	IntraState	01/08/2016	09.53		Continued.	HT	To control Padgha-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
Chandrapur-II - Nanded	IntraState	07/08/2016	00.53	08/08/2016	14.52	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	08/08/2016	10.30	HT	Over Voltage
Padghe - Kharghar	IntraState	07/08/2016	17.07		Continued.	PO	Shifted on TBC at kharghar end
N.Koyna-Karad - Ckt I	IntraState	08/08/2016	12.25		Continued.	HT	Over Voltage
Akola-Nandgaonpeth (RPL)	IntraState	08/08/2016	13.14	08/08/2016	15.55	PO	PID Testing by hot line
Padghe - Kharghar	IntraState	08/08/2016	14.29	08/08/2016	17.22	EO	Attending Hot Spot
Chandrapur-II - Nanded	IntraState	08/08/2016	14.52	08/08/2016	19.13	OO	opportunity outage
Chandrapur-II - Nanded	IntraState	09/08/2016	03.37		Continued.	T	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 Mva ICT II @Karad	IntraState	08/08/2016	10.00	08/08/2016	18.11	PO	Quarterly Maintainance 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.
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
Bableshtar- Alephata	IntraState	24/07/2016	07.57		Continued.	HT	Load Diversion.
Talandage(400kv) - Five Star Midc	IntraState	08/08/2016	10.45	08/08/2016	17.00	PO	Testing Work
Adlabs - Pedambe	IntraState	08/08/2016	11.15	08/08/2016	18.25	PO	Routine Maintenance Work
New Koyna - Pedambe	IntraState	08/08/2016	13.53	08/08/2016	14.35	T	Distance Protection
Pophali - New Koyna	IntraState	08/08/2016	13.58		Continued.	T	Distance Protection
New Koyna - Pedambe	IntraState	08/08/2016	16.17	08/08/2016	16.30	T	Distance Protection
New Koyna - Pedambe	IntraState	09/08/2016	00.19		Continued.	T	conductor snap y phase
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 100MVA ICT @ Kawlewadi	IntraState	07/08/2016	17.58		Continued.	T	On PRV.

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 08/Aug/2016

Statement-VII

Position as on 6.30 Hrs of 09/Aug/2016

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