

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Aug/2016 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	74.741	855.292	1) Gujrat	5.476	38.390
2) Hydro	15.678	186.471	2) Madhya Pradesh	13.183	147.178
3) Gas	9.885	115.700	3) Chattisgarh	7.060	90.640
Total MSPGCL	100.304	1157.463	4) Maharashtra Net	63.926	788.325
B) 1) APML	29.699	403.086	5) Goa (Amona)	-0.592	-9.645
2) JSWEL	23.465	262.737	6) TAPS 1&2 Injection	7.634	97.615
3) VIPL	12.306	112.683	7) RGPPL Injection	11.744	152.612
4) RPL(AMT)	0.000	0.000	8) Pench (MS)	0.142	3.664
5) WPCL	4.840	58.753	9) Pench (Excess)	-0.142	-3.664
6) PGPL	4.625	10.808	Total	108.289	1301.451
7) Other IPP	2.239	29.207	a) Mumbai Schedule	19.490	231.711
C) 1) TPCL Thermal	14.359	170.381	b) Mumbai Drawl	21.177	308.446
2) TPCL Hydro	5.752	80.427	c) MSEDCL Bilateral *	30.335	350.931
3) TPCL Gas	4.086	46.899	Include PX	0.000	-25.107
4) R-INFRA Thermal	10.559	129.540	d) Mumbai Bilateral *	19.490	231.711
D) STATE			Include PX	0.653	29.474
1) Thermal	172.208	2021.679	Include Standby	0.000	0.000
(A1+C1+C4+(B1-B6))			H) ENERGY CATERED (MUs)		
2) Hydro	21.430	266.898	1) MSEDCL	301.225	3648.853
3) Gas	18.596	173.407	2) Mumbai Discoms	55.932	735.688
4) Wind	35.817	610.872	TOTAL STATE	357.157	4384.541
6) SOLAR	0.818	10.239			
TOTAL STATE	248.869	3083.095			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3221	3177	3461	2790
MSPGCL Hydro	760	295	1724	395
MSPGCL Gas	416	416	399	414
MSPGCL Total Generation	4397	3888	5584	3599
Central Sector Receipt	5186	5113	4006	4255
WIND	1710	1827	1710	917
CPP / IPP Thermal	3040	2776	3364	3077
CPP / IPP Gas	234	251	84	250
SOLAR	87	111	0	0
Exchange with Mumbai	-1160	-1302	-891	-721
MSEDCL DEMAND MET	13494	12664	13857	11377
Load Shedding	0	0	0	0
MSEDCL DEMAND	13494	12664	13857	11377
TPCL GENERATION	1170	1064	1253	651
R-INFRA GENERATION	422	401	491	403
MUMBAI DEMAND	2752	2767	2635	1775
STATE DEMAND MET	16246	15431	16492	13152
STATE DEMAND	16246	15431	16492	13152
Frequency (Hz)	49.94	49.96	49.85	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 15:04 Hrs	49.66 Hz at 21:08 Hrs	49.94	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 13/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	11.17	93.62	495	422
Total	11.17	93.62		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	4.32	4.32	454	0
Unit 5	0.00	0.00	0	0
Total	4.32	4.32		
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	0.00	26.14	0	0
Unit 4	3.90	42.35	170	144
Unit 5	8.66	102.66	375	350
Unit 6	9.52	89.54	440	345
Unit 7	9.00	107.57	411	333
Unit 8	6.67	47.27	324	204
Total	37.75	415.52		
Paras				
Unit 3	0.00	33.73	0	0
Unit 4	5.46	62.50	254	195
Total	5.46	96.23		
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	9.66	128.74	480	320
Total	9.66	128.74		
Nasik				
Unit 3	4.17	50.11	195	165
Unit 4	2.20	39.56	190	0
Unit 5	0.00	10.04	0	0
Total	6.37	99.71		
Uran				
All Units	9.88	115.70	425	399
Total	9.88	115.70		
PGPL				
Unit 1	3.07	7.33	180	7

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	1.55	3.48	73	7
Total	4.62	10.81		
PENCH (MS)				
Pench (MS)	0.14	3.66	26	0
Total	0.14	3.66		
Koyna				
Stage 1-2	5.02	51.75	545	45
Stage 4	3.51	48.89	634	0
Stage 3	2.13	34.10	238	0
Total	10.66	134.74		
Hydro				
KDPH	0.88	5.15	37	36
VTRNA	1.30	12.09	59	7
TILLARI	0.47	3.13	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.45	6.38	80	0
RNGR+BHTSA	0.46	3.70	20	19
BHANDARDRA	0.34	6.60	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.43	4.62	24	15
GHATGHAR	0.68	10.07	125	0
Total	5.02	51.73		
Wind				
Total	35.82	610.87	0	0
Total	35.82	610.87		
CPP				
APML(Mus)	29.70	403.09	0	0
JSWEL(Mus)	23.46	262.74	0	0
VIPL(Mus)	12.31	112.68	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.84	58.75	0	0
Other(Mus)	2.24	29.21	0	0
Total	72.55	866.47		
SOLAR				
Total	0.82	10.24	0	0
Total	0.82	10.24		
Tata				
Trombay 5	9.15	105.57	487	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.56	28.71	115	64
Trombay 7B	1.52	18.19	67	51
Trombay 8	5.21	64.81	250	195
TATA Hydro	5.75	80.43	390	0
Total	24.20	297.71		
R-INFRA				
1-2	10.56	129.54	507	401
Total	10.56	129.54		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	17.16
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	74.74	855.29
MSPGCL Thml+Gas	84.63	970.99
MSPGCL Hydro	15.68	186.47

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	100.30	1157.46
Koyna 1,2 & 4 Total	8.53	100.64
State Total	248.87	3083.10

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/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			THM	GAS										
1	2843	294	414	3551	963	3074	253	0	4105	4576	-757	11660	0	11660	2061	13721	49.91
2	2774	325	414	3513	1044	3078	251	0	4209	4335	-687	11534	0	11534	1880	13414	49.96
3	2790	395	414	3599	917	3077	250	0	4211	4255	-721	11377	0	11377	1775	13152	49.97
4	2828	425	414	3667	1279	2989	250	0	4323	4154	-684	11655	0	11655	1718	13373	49.93
5	2768	396	424	3588	1367	2940	250	0	4339	4602	-623	12124	0	12124	1714	13838	49.93
6	2807	856	415	4078	1332	2978	251	0	4304	4416	-624	12431	0	12431	1826	14257	49.97
7	2915	1156	425	4496	1209	3091	250	1	4484	4593	-462	13178	0	13178	1921	15099	49.96
8	2984	1046	402	4432	1297	3122	250	18	4813	4905	-564	13460	0	13460	2057	15517	49.95
9	3015	1000	412	4427	1418	3117	250	70	4738	4920	-747	13455	0	13455	2260	15715	49.97
10	3079	962	422	4463	1604	3117	251	83	5004	4925	-912	13531	0	13531	2555	16086	49.96
11	3221	760	416	4397	1710	3040	234	87	5019	5186	-1160	13494	0	13494	2752	16246	49.94
12	3272	467	400	4139	1721	2940	218	119	5140	5240	-1311	13066	0	13066	2816	15882	49.95
13	3177	295	416	3888	1827	2776	251	111	5165	5113	-1302	12664	0	12664	2767	15431	49.96
14	3206	194	407	3807	1826	2528	250	108	4582	4785	-1158	12146	0	12146	2649	14795	49.95
15	3176	491	407	4074	1938	2572	235	82	4427	4675	-1152	12424	0	12424	2636	15060	49.93
16	3187	362	411	3960	1824	2744	202	78	4530	4678	-1137	12349	0	12349	2626	14975	49.98
17	3217	411	413	4041	1699	2784	125	40	4142	4589	-1105	12173	0	12173	2592	14765	49.99
18	3173	503	407	4083	1615	2800	83	16	3830	4171	-1073	11695	0	11695	2562	14257	49.96
19	3298	646	421	4365	1596	2848	72	5	4408	4189	-1055	12020	0	12020	2557	14577	49.92
20	3461	1724	399	5584	1710	3364	84	0	4362	4006	-891	13857	0	13857	2635	16492	49.85
21	3583	1435	418	5436	1611	3424	119	0	4331	3746	-775	13561	0	13561	2569	16130	49.87
22	3530	528	399	4457	1509	3432	119	0	4133	4117	-745	12889	0	12889	2470	15359	49.87
23	3360	371	412	4143	1448	3377	113	0	4109	4048	-763	12366	0	12366	2320	14686	49.90
24	3077	636	403	4116	1353	3336	14	0	3902	4065	-769	12115	0	12115	2215	14330	49.91
MUs	74.74	15.68	9.88	100.30	35.82	72.55	4.63	0.82	106.61	108.29	-21.18	301.23	0.00	301.23	55.93	357.16	49.94

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 13/Aug/2016

Position as on 6.30 Hrs of 14/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	Koyna 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	14/08/2016	03.22	A.O.H from 19/07/2016 and Zero Shedule By MSEDCL from 1/07/2016 to 18/07/2016.	
MSPGCL	Khaparkheda Unit 3	210	05/07/2016	23.52		Continued.	Zero Shedule By MSEDCL, converted for AOH from 00 Hrs Dt.25-7-16	
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 Schedule 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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/Aug/2016

Position as on 6.30 Hrs of 14/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,Shedule Glven On 21/08/2016	
RGPPL	Dabhol 2B	230	24/07/2016	17.13		Continued.	Change Over	
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	
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	Chandrapur Unit 3	210	09/08/2016	00.08		Continued.	Zero Schedue	
MSPGCL	Chandrapur Unit 9	500	11/08/2016	22.11		Continued.	Oil Shortage.	
MSPGCL	Nasik Unit 4	210	12/08/2016	06.50	13/08/2016	09.45	Boiler Tube Leakage	
MSPGCL	Uran Unit B0	120	14/08/2016	07.56		Continued.	Maintenance work	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
MSPGCL	Bhusawal Unit 4	500	14/08/2016	21.28		Continued.	Zero schedule given by MSEDCL	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Aug/2016

Statement-VII

Position as on 6.30 Hrs of 14/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) I	InterState	12/08/2016	16.48	13/08/2016	07.16	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	14/08/2016	00.42		Continued.	HT	Over Voltage
Dhule Khandwa II	InterState	14/08/2016	03.12	14/08/2016	08.56	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	27/07/2016	13.09		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	01/08/2016	09.53		Continued.	HT	To control Padgha-BBLSR L/L
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	13/08/2016	10.22	HT	Over Voltage
karad -kolhapur-I	IntraState	09/08/2016	14.48		Continued.	T	Over Voltage,Opportunity Outage from DT 16.08.2016.
Lonikand I - Koyna stage-IV	IntraState	13/08/2016	00.05	13/08/2016	10.06	HT	Over Voltage
Karad - Jaigad - II	IntraState	13/08/2016	13.02		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	14/08/2016	09.22	14/08/2016	19.45	PO	Line signature test and faulty disc insulator replacement.
Lonikand I - Koyna stage-IV	IntraState	14/08/2016	22.03		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT-I @Nanded	IntraState	13/08/2016	12.27	13/08/2016	15.42	EO	Attending Oil Leakage
220 KV LINE Outages/Trippings							
Tillari Amona	InterState	13/08/2016	09.35	13/08/2016	11.40	PO	Annual Maintenance Work
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.
Nagothane-Wadkhal-I	IntraState	13/08/2016	06.47	13/08/2016	13.52	T	Tripped
Aurangabad (Waluj)-Bhenda	IntraState	13/08/2016	08.37	14/08/2016	18.52	PO	Stringing of 765 kv DC line (WRLDC work)
Boisar Versova Line	IntraState	13/08/2016	09.01	13/08/2016	15.28	PO	Backup relay replacement.
Shivajinagar - Satana	IntraState	13/08/2016	15.07	13/08/2016	16.55	PO	For Connecting Jumper.
Gcr Chandrapur - Grace Ltd	IntraState	13/08/2016	18.32	13/08/2016	19.32	T	Distance Protection
Apta - Taloja	IntraState	13/08/2016	21.51	14/08/2016	01.04	T	B Phase L A Burst @ Taloja end.
Kalwa Salsette III	IntraState	14/08/2016	10.13	14/08/2016	16.25	PO	Providing additional polymer insulator string.
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)
220/100 Kv 100 MVA ICT II @Vasai-ji	IntraState	13/08/2016	08.47	13/08/2016	11.24	T	PRV
220/132 Kv 100 Mva Bhel Ict 1 @Padegaon	IntraState	13/08/2016	15.24	13/08/2016	15.40	PO	Remove the Dead Crow.
132 KV LINE Outages/Trippings							
Mul-Sindewahi	IntraState	13/08/2016	00.38	13/08/2016	01.17	T	Distance Protection
Mul-Sindewahi	IntraState	13/08/2016	01.32	13/08/2016	14.55	T	Distance Protection
Durgwada-Daryapur	IntraState	13/08/2016	06.50	13/08/2016	07.25	T	Distance Protection

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 13/Aug/2016

Statement-VII

Position as on 6.30 Hrs of 14/Aug/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Spsl - Sanaswadi	IntraState	13/08/2016	10.37	13/08/2016	18.51	PO	Attending Hot Spot
100 KV LINE Outages/Trippings							
Vasai-li - Vasai 1 Line	IntraState	29/06/2016	11.28	13/08/2016	09.05	HT	To Control Kalwa-Salsette-6 Line Loading.
Vasai-li - Vasai 2 Line	IntraState	13/08/2016	08.53		Continued.	HT	ICT Problem.

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