

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Aug/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	77.529	932.821	1) Gujrat	7.823	46.213
2) Hydro	8.747	195.218	2) Madhya Pradesh	12.105	159.283
3) Gas	7.841	123.541	3) Chattisgarh	6.090	96.730
Total MSPGCL	94.117	1251.580	4) Maharashtra Net	65.025	853.350
B) 1) APML	28.581	431.667	5) Goa (Amona)	-0.526	-10.171
2) JSWEL	22.509	285.246	6) TAPS 1&2 Injection	7.632	105.247
3) VIPL	11.859	124.542	7) RGPPL Injection	11.672	164.284
4) RPL(AMT)	0.000	0.000	8) Pench (MS)	0.116	3.780
5) WPCL	4.380	63.133	9) Pench (Excess)	-0.116	-3.780
6) PGPL	2.316	13.124	Total	109.705	1411.156
7) Other IPP	2.239	31.446	a) Mumbai Schedule	19.056	250.767
C) 1) TPCL Thermal	14.815	185.196	b) Mumbai Drawl	17.157	325.603
2) TPCL Hydro	2.967	83.394	c) MSEDCL Bilateral *	30.182	381.112
3) TPCL Gas	4.132	51.031	Include PX	0.000	-25.107
4) R-INFRA Thermal	10.307	139.847	d) Mumbai Bilateral *	19.056	250.767
D) STATE			Include PX	0.653	30.127
1) Thermal	172.219	2193.898	Include Standby	0.000	0.000
(A1+C1+C4+(B1-B6))			H) ENERGY CATERED (MUs)		
2) Hydro	11.714	278.612	1) MSEDCL	298.942	3947.795
3) Gas	14.289	187.696	2) Mumbai Discoms	49.378	785.066
4) Wind	39.388	650.260	TOTAL STATE	348.320	4732.861
6) SOLAR	1.005	11.244			
TOTAL STATE	238.615	3321.710			

* 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	3487	3284	3277	2906
MSPGCL Hydro	474	283	880	180
MSPGCL Gas	282	275	288	424
MSPGCL Total Generation	4243	3842	4445	3510
Central Sector Receipt	5053	4779	4884	4264
WIND	1562	1808	1647	1555
CPP / IPP Thermal	3100	2707	2969	2946
CPP / IPP Gas	117	259	0	0
SOLAR	102	130	0	0
Exchange with Mumbai	-668	-846	-798	-694
MSEDCL DEMAND MET	13509	12679	13147	11581
Load Shedding	0	0	0	0
MSEDCL DEMAND	13509	12679	13147	11581
TPCL GENERATION	1014	992	1064	618
R-INFRA GENERATION	507	403	403	402
MUMBAI DEMAND	2189	2241	2265	1714
STATE DEMAND MET	15698	14920	15412	13295
STATE DEMAND	15698	14920	15412	13295
Frequency (Hz)	50.00	49.98	49.90	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06:02 Hrs	49.78 Hz at 20:48 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 14/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	10.02	103.64	445	400
Total	10.02	103.64		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	6.24	10.56	410	0
Unit 5	0.00	0.00	0	0
Total	6.24	10.56		
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	3.88	46.23	169	152
Unit 5	8.72	111.38	375	350
Unit 6	9.07	98.61	430	310
Unit 7	9.19	116.75	425	356
Unit 8	6.71	53.98	335	209
Total	37.57	453.09		
Paras				
Unit 3	0.00	33.73	0	0
Unit 4	5.30	67.80	252	190
Total	5.30	101.52		
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	10.22	138.96	450	400
Total	10.22	138.96		
Nasik				
Unit 3	4.11	54.22	195	165
Unit 4	4.07	43.63	198	160
Unit 5	0.00	10.04	0	0
Total	8.18	107.89		
Uran				
All Units	7.84	123.54	429	273
Total	7.84	123.54		
PGPL				
Unit 1	1.60	8.93	219	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	0.72	4.20	110	0
Total	2.32	13.12		
PENCH (MS)				
Pench (MS)	0.12	3.78	23	0
Total	0.12	3.78		
Koyna				
Stage 1-2	2.92	54.67	505	40
Stage 4	0.06	48.95	61	0
Stage 3	1.12	35.21	160	0
Total	4.10	138.84		
Hydro				
KDPH	0.74	5.89	37	0
VTRNA	1.17	13.26	58	0
TILLARI	0.60	3.73	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	6.80	80	0
RNGR+BHTSA	0.46	4.17	20	19
BHANDARDRA	0.34	6.94	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.46	5.08	28	16
GHATGHAR	0.45	10.52	125	0
Total	4.65	56.38		
Wind				
Total	39.39	650.26	0	0
Total	39.39	650.26		
CPP				
APML(Mus)	28.58	431.67	0	0
JSWEL(Mus)	22.51	285.25	0	0
VIPL(Mus)	11.86	124.54	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.38	63.13	0	0
Other(Mus)	2.24	31.45	0	0
Total	69.57	936.03		
SOLAR				
Total	1.00	11.24	0	0
Total	1.00	11.24		
Tata				
Trombay 5	9.45	115.02	487	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.59	31.30	116	58
Trombay 7B	1.54	19.73	67	47
Trombay 8	5.36	70.17	248	199
TATA Hydro	2.97	83.39	365	17
Total	21.91	319.62		
R-INFRA				
1-2	10.31	139.85	507	400
Total	10.31	139.85		

* 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	77.53	932.82
MSPGCL Thml+Gas	85.37	1056.36
MSPGCL Hydro	8.75	195.22

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	94.12	1251.58
Koyna 1,2 & 4 Total	2.98	103.62
State Total	238.62	3321.71

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	3125	195	415	3735	1316	3120	0	0	4267	4273	-686	11758	0	11758	2048	13806	49.90
2	3083	134	414	3631	1421	3120	0	0	4239	4234	-629	11777	0	11777	1890	13667	49.98
3	2899	129	415	3443	1372	3068	0	0	4316	4393	-727	11549	0	11549	1780	13329	49.99
4	2906	180	424	3510	1555	2946	0	0	4377	4264	-694	11581	0	11581	1714	13295	49.99
5	2992	186	414	3592	1586	2823	0	0	4426	4417	-656	11762	0	11762	1705	13467	49.94
6	3268	247	415	3930	1531	2948	0	0	4550	4375	-623	12161	0	12161	1779	13940	49.98
7	3406	192	429	4027	1485	3074	0	0	4761	4697	-403	12880	0	12880	1823	14703	50.00
8	3507	445	409	4361	1495	3094	7	28	4779	4773	-413	13345	0	13345	1884	15229	49.98
9	3538	393	292	4223	1562	3080	37	68	4759	5113	-546	13537	0	13537	2017	15554	50.02
10	3487	474	282	4243	1562	3100	117	102	4711	5053	-668	13509	0	13509	2189	15698	50.00
11	3429	425	278	4132	1620	3096	185	120	4758	4780	-682	13251	0	13251	2283	15534	49.96
12	3312	300	280	3892	1735	2961	255	146	4668	4912	-664	13237	0	13237	2294	15531	49.97
13	3284	283	275	3842	1808	2707	259	130	4491	4779	-846	12679	0	12679	2241	14920	49.98
14	3279	228	273	3780	1929	2535	260	133	4013	4516	-797	12356	0	12356	2170	14526	49.99
15	3221	425	275	3921	1943	2541	261	121	3882	4384	-786	12385	0	12385	2130	14515	49.96
16	3235	263	276	3774	1994	2537	274	77	4404	4509	-764	12401	0	12401	2093	14494	49.99
17	3239	293	275	3807	1934	2530	329	48	4334	4340	-781	12207	0	12207	2071	14278	50.00
18	3227	248	288	3763	1811	2501	312	28	3941	3970	-803	11582	0	11582	2048	13630	50.02
19	3289	473	282	4044	1749	2565	20	4	4154	4357	-772	11967	0	11967	2090	14057	50.01
20	3270	932	280	4482	1621	2900	0	0	4528	4666	-767	12902	0	12902	2224	15126	49.97
21	3277	880	288	4445	1647	2969	0	0	4723	4884	-798	13147	0	13147	2265	15412	49.90
22	3064	769	288	4121	1530	3007	0	0	4662	4906	-804	12760	0	12760	2248	15008	49.98
23	3095	449	284	3828	1577	3138	0	0	4465	4599	-869	12273	0	12273	2238	14511	49.98
24	3097	204	290	3591	1605	3206	0	0	4314	4511	-979	11934	0	11934	2154	14088	50.01
MUs	77.53	8.75	7.84	94.12	39.39	69.57	2.32	1.00	106.52	109.71	-17.16	298.94	0.00	298.94	49.38	348.32	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 14/Aug/2016

Position as on 6.30 Hrs of 15/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 14/Aug/2016

Position as on 6.30 Hrs of 15/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	
RGPL	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	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	
CPP	WPCL U-4	135	15/08/2016	16.11		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Aug/2016

Statement-VII

Position as on 6.30 Hrs of 15/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	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
Dhule Khandwa I	InterState	15/08/2016	02.39	15/08/2016	07.08	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	15/08/2016	16.21	15/08/2016	19.05	T	Over Voltage
Kolhapur Solapur (PG) II	InterState	15/08/2016	23.57		Continued.	T	Over Voltage
Bhusawal-Aurangabad	IntraState	27/07/2016	13.09		Continued.	HT	Over Voltage
Ektuni-Bableswhar 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
karad -kolhapur-I	IntraState	09/08/2016	14.48		Continued.	T	Over Voltage,Opportunity Outage from DT 16.08.2016.
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
N.Koyna-Karad -Ckt II	IntraState	15/08/2016	16.49		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	15/08/2016	17.04		Continued.	T	Over Voltage
Aurangabad - Aurangabad(PG) I	IntraState	15/08/2016	18.00		Continued.	T	Over Voltage
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.
Aurangabad (Waluj)-Bhenda	IntraState	13/08/2016	08.37	14/08/2016	18.52	PO	Stringing of 765 kv DC line (WRLDC work)
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.
Dhule-Chalisagaon	IntraState	15/08/2016	12.57	15/08/2016	14.35	T	Distance Protection
Dhule - Dondaicha Ckt	IntraState	15/08/2016	12.57	15/08/2016	13.21	T	Distance Protection & Autoreclosed B Ph.
Dhule - Malegaon	IntraState	15/08/2016	15.02	15/08/2016	15.28	EO	Tree Cutting Work.
Shivajinagar - Malegaon	IntraState	15/08/2016	15.36		Continued.	T	Distance Protection
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							
Kanhan-Mouda	IntraState	15/08/2016	10.01	15/08/2016	13.54	T	Distance Protection
100 KV LINE Outages/Trippings							
Vasai-Ii - 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