

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Aug/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	61.318	61.318	1) Gujrat	2.540	2.540
2) Hydro	6.100	6.100	2) Madhya Pradesh	10.163	10.163
3) Gas	9.263	9.263	3) Chattisgarh	5.690	5.690
Total MSPGCL	76.681	76.681	4) Maharashtra Net	64.768	64.768
B) 1) APML	43.623	43.623	5) Goa (Amona)	-0.510	-0.510
2) JSWEL	20.225	20.225	6) TAPS 1&2 Injection	3.614	3.614
3) VIPL	5.087	5.087	7) RGPPL Injection	11.596	11.596
4) RPL(AMT)	0.000	0.000	8) Pench (MS)	0.172	0.172
5) WPCL	4.661	4.661	9) Pench (Excess)	-0.172	-0.172
6) Other IPP	2.229	2.229	Total	97.689	97.689
C) 1) TPCL Thermal	12.420	12.420	a) Mumbai Schedule	17.103	17.103
2) TPCL Hydro	5.900	5.900	b) Mumbai Drawl	23.009	23.009
3) TPCL Gas	3.728	3.728	c) MSEDCL Bilateral *	34.645	34.645
4) R-INFRA Thermal	9.649	9.649	Include PX	0.000	0.000
D) STATE			d) Mumbai Bilateral *	17.103	17.103
1) Thermal	159.212	159.212	Include PX	3.812	3.812
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	12.000	12.000	H) ENERGY CATERED (MUs)		
3) Gas	12.991	12.991	1) MSEDCL	275.799	275.799
4) Wind	48.090	48.090	2) Mumbai Discoms	54.706	54.706
6) SOLAR	0.523	0.523	TOTAL STATE	330.505	330.505
TOTAL STATE	232.816	232.816			

* 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 4 Hrs
MSPGCL Thermal	2494	2560	2609	2555
MSPGCL Hydro	244	188	611	79
MSPGCL Gas	396	422	412	330
MSPGCL Total Generation	3134	3170	3632	2964
Central Sector Receipt	5286	4389	4573	2879
WIND	2013	2034	2053	1959
CPP / IPP	3179	3155	3260	3142
SOLAR	55	76	0	0
Exchange with Mumbai	-1378	-1367	-1124	-500
MSEDCL DEMAND MET	12289	11457	12394	10444
Load Shedding	0	0	0	0
MSEDCL DEMAND	12289	11457	12394	10444
TPCL GENERATION	1063	1012	1040	625
R-INFRA GENERATION	402	402	402	403
MUMBAI DEMAND	2843	2781	2566	1528
STATE DEMAND MET	15132	14238	14960	11972
STATE DEMAND	15132	14238	14960	11972
Frequency (Hz)	50.08	50.03	49.99	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 13:04 Hrs	49.82 Hz at 19:13 Hrs	50.02	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 01/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	0.00	0.00	0	0
Total	0.00	0.00		
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	2.66	2.66	135	95
Unit 4	2.92	2.92	134	113
Unit 5	6.99	6.99	330	247
Unit 6	8.28	8.28	380	290
Unit 7	7.89	7.89	360	293
Unit 8	5.20	5.20	327	0
Total	33.95	33.95		
Paras				
Unit 3	4.83	4.83	216	188
Unit 4	4.82	4.82	209	190
Total	9.66	9.66		
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	9.63	405	400
Total	9.63	9.63		
Nasik				
Unit 3	4.05	4.05	175	165
Unit 4	0.00	0.00	0	0
Unit 5	4.04	4.04	173	164
Total	8.09	8.09		
Uran				
All Units	9.26	9.26	436	317
Total	9.26	9.26		
PENCH (MS)				
Pench (MS)	0.17	0.17	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.17	0.17		
Koyna				
Stage 1-2	1.80	1.80	270	40
Stage 4	0.21	0.21	211	0
Stage 3	1.59	1.59	240	0
Total	3.60	3.60		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.09	0.09	60	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.48	0.48	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.61	0.61	26	25
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.30	0.30	13	12
GHATGHAR	1.02	1.02	250	0
Total	2.50	2.50		
Wind				
Total	48.09	48.09	0	0
Total	48.09	48.09		
CPP				
APML(Mus)	43.62	43.62	0	0
JSWEL(Mus)	20.22	20.22	0	0
VIPL(Mus)	5.09	5.09	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.66	4.66	0	0
Other(Mus)	2.23	2.23	0	0
Total	75.82	75.82		
SOLAR				
Total	0.52	0.52	0	0
Total	0.52	0.52		
Tata				
Trombay 5	7.55	7.55	317	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.29	2.29	115	59
Trombay 7B	1.44	1.44	67	48
Trombay 8	4.87	4.87	205	201
TATA Hydro	5.90	5.90	387	7
Total	22.05	22.05		
R-INFRA				
1-2	9.65	9.65	403	401
Total	9.65	9.65		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 9	0.00	0.00	MSPGCL Thermal	61.32	61.32	MSPGCL Total	76.68	76.68
Koradi 9	0.00	0.00	MSPGCL Thml+Gas	70.58	70.58	Koyna 1,2 & 4 Total	2.01	2.01
Koradi 10	0.00	0.00	MSPGCL Hydro	6.10	6.10	State Total	232.82	232.82
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	2482	157	317	2956	1949	3121	0	3684	3425	-657	10794	0	10794	1772	12566	50.06
2	2516	94	330	2940	1878	3120	0	3480	3070	-560	10448	0	10448	1645	12093	50.05
3	2556	89	318	2963	1867	3134	0	3119	3024	-532	10456	0	10456	1560	12016	50.06
4	2555	79	330	2964	1959	3142	0	3034	2879	-500	10444	0	10444	1528	11972	50.01
5	2543	159	330	3032	1927	3166	0	3412	3148	-509	10764	0	10764	1534	12298	49.99
6	2570	104	328	3002	2026	3159	0	3950	3863	-585	11465	0	11465	1671	13136	49.99
7	2557	309	376	3242	1881	3152	2	4159	4294	-675	11896	0	11896	1875	13771	49.99
8	2557	152	407	3116	1839	3160	16	4834	4881	-708	12304	0	12304	2031	14335	50.01
9	2572	214	398	3184	1953	3129	38	5359	5324	-996	12632	0	12632	2368	15000	50.04
10	2504	244	421	3169	1964	3169	52	5552	5198	-1220	12332	0	12332	2682	15014	50.01
11	2494	244	396	3134	2013	3179	55	5588	5286	-1378	12289	0	12289	2843	15132	50.08
12	2481	243	412	3136	2105	3171	58	5397	4696	-1402	11764	0	11764	2876	14640	49.99
13	2560	188	422	3170	2034	3155	76	4632	4389	-1367	11457	0	11457	2781	14238	50.03
14	2611	132	414	3157	2061	3107	79	4189	3803	-1240	10967	0	10967	2655	13622	50.09
15	2694	82	401	3177	2034	3157	56	3799	3910	-1220	11114	0	11114	2650	13764	49.99
16	2611	223	436	3270	2139	3165	36	3599	3826	-1191	11245	0	11245	2666	13911	50.03
17	2540	459	400	3399	2067	3173	40	3573	3729	-1197	11211	0	11211	2668	13879	49.99
18	2562	484	431	3477	2033	3152	14	3729	3213	-1209	10680	0	10680	2639	13319	50.04
19	2619	953	395	3967	1968	3172	1	3746	4108	-1116	12100	0	12100	2578	14678	49.99
20	2609	611	412	3632	2053	3260	0	4717	4573	-1124	12394	0	12394	2566	14960	49.99
21	2627	280	401	3308	2115	3190	0	5045	4579	-1061	12131	0	12131	2481	14612	50.03
22	2586	157	398	3141	1998	3163	0	4624	4596	-933	11965	0	11965	2362	14327	50.01
23	2563	186	394	3143	2091	3173	0	4252	4274	-886	11795	0	11795	2258	14053	50.01
24	2349	257	396	3002	2136	3153	0	3617	3601	-743	11149	0	11149	2017	13166	50.03
MUs	61.32	6.10	9.26	76.68	48.09	75.82	0.52	101.09	97.69	-23.01	275.80	0.00	275.80	54.71	330.50	50.02

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 01/Aug/2016

Position as on 6.30 Hrs of 02/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		Continued.	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.	
MSPGCL	Nasik Unit 4	210	19/06/2016	00.20		Continued.	C.O.H from 19/06/2016 to 27/06/2016 and converted to zero schedule from 00.00hrs of 28/06/2016	
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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Aug/2016

Position as on 6.30 Hrs of 02/Aug/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 5	500	01/07/2016	23.59		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Chandrapur Unit 9	500	02/07/2016	07.26		Continued.	M.S.Temp.Low.	
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.	
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	
MSPGCL	Koradi Unit-8	660	29/07/2016	22.38		Continued.	DCS Failure.	
MSPGCL	Chandrapur Unit-8	500	01/08/2016	22.43		Continued.	Drum level high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Aug/2016

Statement-VII

Position as on 6.30 Hrs of 02/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							
Kolhapur Solapur(PG) I	InterState	29/07/2016	03.01	01/08/2016	06.28	T	Over Voltage
Dhule Sar'Sarovar I	InterState	31/07/2016	12.01	01/08/2016	06.48	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	31/07/2016	23.56	01/08/2016	10.26	T	Over Voltage
Kolhapur Solapur(PG) I	InterState	01/08/2016	00.02		Continued.	T	Over Voltage
Dhule Sar'Sarovar I	InterState	01/08/2016	17.06	01/08/2016	18.40	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	01/07/2016	18.00		Continued.	HT	To control Load on Padgha-BBLSR Line
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-I	IntraState	29/07/2016	21.22		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	31/07/2016	20.04		Continued.	T	Distance Protection
Chandrapur-II - Nanded	IntraState	01/08/2016	00.54	02/08/2016	06.38	T	Over Voltage
Koradi-India Bulls	IntraState	01/08/2016	01.36		Continued.	T	Over Voltage
karad -kolhapur-II	IntraState	01/08/2016	02.35		Continued.	T	Over Voltage
Padghe - Nagothane - II	IntraState	01/08/2016	14.00	01/08/2016	20.26	OO	opportunity outage
Lonikand I - Koyna stage-IV	IntraState	01/08/2016	23.00		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kV 315 MVA ICT-III@Padgha	IntraState	31/07/2016	11.41	01/08/2016	02.55	PO	Replacement Of Damaged B Phase Stub Bus Jumper From Line Isolators .
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	01/08/2016	06.14	01/08/2016	06.46	T	Tripped At Navsari End.
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.
Padgha - Temghar I	IntraState	30/07/2016	17.05	01/08/2016	01.50	T	Due To Bus Outage At Padgha End.
Padgha-Temghar-II	IntraState	30/07/2016	17.05	01/08/2016	01.50	T	Due To Bus Outage At Padgha End.
Chandrapur GCR - Sicom II	IntraState	31/07/2016	02.38	01/08/2016	18.35	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)
220/6.6kV 40MVA STN T/F-III @ Khaperkheda	IntraState	29/07/2016	11.58		Continued.	PO	Transformer Oil Filtration Work.
132 KV LINE Outages/Trippings							
Padegaon - Sillod	IntraState	01/08/2016	10.52	01/08/2016	14.46	T	Differential protection
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.
Kalwa - Mukand 2	IntraState	29/07/2016	06.35		Continued.	PO	For New Tower Erection.

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