

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	81.486	729.786	1) Gujrat	-10.209	-68.537
2) Hydro	4.158	38.511	2) Madhya Pradesh	10.021	72.442
3) Gas	5.066	46.062	3) Chattisgarh	7.080	52.060
Total MSPGCL	90.710	814.359	4) Maharashtra Net	52.061	434.552
B) 1) APML	55.951	402.122	5) Goa (Amona)	-0.422	-5.826
2) JSWEL	19.343	150.725	6) TAPS 1&2 Injection	3.668	26.662
3) VIPL	8.697	79.339	7) RGPPL Injection	8.933	90.745
4) RPL(AMT)	0.000	3.657	8) Pench (MS)	0.221	1.424
5) WPCL	2.889	33.516	9) Pench (Excess)	-0.221	-1.424
6) Other IPP	2.402	22.813	Total	70.911	600.674
C) 1) TPCL Thermal	13.834	116.927	a) Mumbai Schedule	21.213	154.915
2) TPCL Hydro	3.384	21.477	b) Mumbai Drawl	27.019	193.513
3) TPCL Gas	4.039	31.071	c) MSEDCL Bilateral *	23.979	184.509
4) R-INFRA Thermal	9.659	82.611	Include PX	-8.978	-77.459
D) STATE			d) Mumbai Bilateral *	21.213	154.915
1) Thermal	194.261	1621.496	Include PX	0.943	3.381
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	7.542	59.988	H) ENERGY CATERED (MUs)		
3) Gas	9.105	77.133	1) MSEDCL	275.171	2265.009
4) Wind	50.745	345.570	2) Mumbai Discoms	57.935	445.599
6) SOLAR	0.542	5.747	TOTAL STATE	333.106	2710.608
TOTAL STATE	262.195	2109.934			

* 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	3438	3449	3373	3430
MSPGCL Hydro	481	40	95	40
MSPGCL Gas	235	245	248	237
MSPGCL Total Generation	4154	3734	3716	3707
Central Sector Receipt	4014	2910	3944	1964
WIND	2119	2254	2061	2025
CPP / IPP	3672	3552	3874	3826
SOLAR	35	83	0	0
Exchange with Mumbai	-1453	-1454	-1291	-640
MSEDCL DEMAND MET	12541	11079	12304	10882
Load Shedding	0	0	0	0
MSEDCL DEMAND	12541	11079	12304	10882
TPCL GENERATION	888	1056	892	670
R-INFRA GENERATION	402	403	402	403
MUMBAI DEMAND	2743	2913	2585	1713
STATE DEMAND MET	15284	13992	14889	12595
STATE DEMAND	15284	13992	14889	12595
Frequency (Hz)	49.93	50.01	49.96	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 22:01 Hrs	49.78 Hz at 05:14 Hrs	49.97	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/Jul/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.32	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.60	0	0
Unit 8	12.01	94.29	509	498
Total	12.01	95.21		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.67	30.01	160	127
Unit 4	0.00	9.10	0	0
Unit 5	0.00	9.00	0	0
Total	3.67	48.11		
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	3.80	31.73	173	123
Unit 4	3.90	31.54	174	151
Unit 5	8.66	68.84	380	345
Unit 6	8.80	69.37	380	350
Unit 7	8.62	67.05	370	331
Unit 8	4.26	30.11	237	0
Total	38.04	298.64		
Paras				
Unit 3	4.74	38.08	214	156
Unit 4	4.82	38.60	209	190
Total	9.56	76.68		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	19.12	0	0
Unit 3	0.00	19.82	0	0
Unit 4	0.51	28.00	171	0
Unit 5	9.63	78.17	405	400
Total	10.14	145.11		
Nasik				
Unit 3	4.04	32.28	175	165
Unit 4	0.00	0.00	0	0
Unit 5	4.04	31.84	174	164
Total	8.07	64.11		
Uran				
All Units	5.07	46.06	249	234
Total	5.07	46.06		
PENCH (MS)				
Pench (MS)	0.22	1.42	43	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.22	1.42		
Koyna				
Stage 1-2	2.00	13.76	300	40
Stage 4	0.00	0.28	0	0
Stage 3	1.06	8.99	160	0
Total	3.06	23.02		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	2.84	0	0
TILLARI	0.00	3.24	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.00	2.61	0	0
RNGR+BHTSA	0.00	0.12	0	0
BHANDARDRA	0.00	0.79	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	1.09	5.89	267	0
Total	1.09	15.49		
Wind				
Total	50.74	345.57	0	0
Total	50.74	345.57		
CPP				
APML(Mus)	55.95	402.12	0	0
JSWEL(Mus)	19.34	150.72	0	0
VIPL(Mus)	8.70	79.34	0	0
RPLAMT(Mus)	0.00	3.66	0	0
WPCL(Mus)	2.89	33.52	0	0
Other(Mus)	2.40	22.81	0	0
Total	89.28	692.17		
SOLAR				
Total	0.54	5.75	0	0
Total	0.54	5.75		
Tata				
Trombay 5	8.43	73.68	399	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.58	19.62	114	95
Trombay 7B	1.46	11.45	63	57
Trombay 8	5.41	43.25	250	201
TATA Hydro	3.38	21.48	387	0
Total	21.26	169.48		
R-INFRA				
1-2	9.66	82.61	403	402
Total	9.66	82.61		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	1.92
Koradi 9	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	81.49	729.79
MSPGCL Thml+Gas	86.55	775.85
MSPGCL Hydro	4.16	38.51

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	90.71	814.36
Koyna 1,2 & 4 Total	2.00	14.03
State Total	262.20	2109.93

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 08/Jul/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	3628	40	242	3910	2057	3832	0	2742	2516	-915	11400	0	11400	2027	13427	49.97
2	3608	40	247	3895	1931	3820	0	2402	2350	-768	11228	0	11228	1872	13100	49.97
3	3582	40	248	3870	2120	3826	0	1979	2044	-688	11172	0	11172	1773	12945	49.96
4	3430	40	237	3707	2025	3826	0	2098	1964	-640	10882	0	10882	1713	12595	49.97
5	3422	55	249	3726	1940	3839	0	2284	2101	-618	10988	0	10988	1707	12695	49.91
6	3435	154	237	3826	1943	3878	0	2484	2746	-660	11733	0	11733	1826	13559	49.90
7	3392	140	249	3781	1982	3885	1	3507	3426	-791	12284	0	12284	1953	14237	49.94
8	3357	305	237	3899	2126	3622	16	3139	3821	-1022	12462	0	12462	2184	14646	49.97
9	3416	420	249	4085	2177	3639	23	3073	3877	-1283	12518	0	12518	2442	14960	50.00
10	3438	481	235	4154	2119	3672	35	3913	4014	-1453	12541	0	12541	2743	15284	49.93
11	3443	106	245	3794	2158	3658	65	3788	3846	-1471	12050	0	12050	2962	15012	49.97
12	3460	45	235	3740	2196	3659	80	3456	3238	-1436	11477	0	11477	3002	14479	49.97
13	3449	40	245	3734	2254	3552	83	2789	2910	-1454	11079	0	11079	2913	13992	50.01
14	3414	45	235	3694	2083	3637	72	2568	2568	-1385	10669	0	10669	2803	13472	49.99
15	3413	105	234	3752	2232	3617	70	2392	2746	-1396	11021	0	11021	2797	13818	49.93
16	3415	331	243	3989	2005	3573	46	2078	2283	-1249	10647	0	10647	2803	13450	49.99
17	3317	355	234	3906	2324	3685	38	1997	2031	-1180	10804	0	10804	2791	13595	49.95
18	3384	271	246	3901	2254	3559	12	2046	2176	-1189	10713	0	10713	2757	13470	49.98
19	3347	327	236	3910	2227	3561	1	2998	3013	-1333	11379	0	11379	2682	14061	50.02
20	3363	213	235	3811	2162	3649	0	3701	3782	-1346	12058	0	12058	2652	14710	49.94
21	3373	95	248	3716	2061	3874	0	3766	3944	-1291	12304	0	12304	2585	14889	49.96
22	3171	52	0	3223	2140	3858	0	3429	3605	-1230	11596	0	11596	2466	14062	50.01
23	3149	245	0	3394	2080	3846	0	3273	3177	-1143	11354	0	11354	2304	13658	50.00
24	3080	213	0	3293	2149	3714	0	3050	2733	-1078	10811	0	10811	2178	12989	50.00
MUs	81.49	4.16	5.07	90.71	50.75	89.28	0.54	68.95	70.91	-27.02	275.17	0.00	275.17	57.94	333.11	49.97

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/Jul/2016

Position as on 6.30 Hrs of 09/Jul/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	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
IPP	JSW (J) U3	300	21/06/2016	18.15		Continued.	Capital Overhaul	
MSPGCL	Khaparkheda Unit 1	210	25/06/2016	23.45		Continued.	A.O.H.	
MSPGCL	Koyna Unit 8	80	29/06/2016	08.20		Continued.	Turbine Maintenance Work.	
MSPGCL	Koyna STG- IV Unit - 1	250	29/06/2016	09.00		Continued.	Attending Servo Motor Oil Leakage(15 Days).	
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 schedule	
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 Schedule	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
RGPL	Dabhol 3A	230	07/05/2016	18.44		Continued.	Low Vacuum	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule From 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 consent to operate	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-2	270	18/06/2016	06.54		Continued.	Zero Shedule.	
MSPGCL	Nasik Unit 4	210	19/06/2016	00.20		Continued.	Water Shortage.	
RGPL	Dabhol 2B	230	20/06/2016	13.03		Continued.	Change Over.	
MSPGCL	Uran Unit B0	120	27/06/2016	06.42		Continued.	Maintenance work	
MSPGCL	Uran Unit 8	108	27/06/2016	06.43	08/07/2016	22.40	Maintenance work	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero schedule by MSEDCL	
IPP	RPL(AMT) U-4	270	30/06/2016	10.11		Continued.	Zero Schedule By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 08/Jul/2016

Position as on 6.30 Hrs of 09/Jul/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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 Schedule	
MSPGCL	Bhusawal Unit 4	500	01/07/2016	23.55		Continued.	Zero Schedule	
MSPGCL	Bhusawal Unit 5	500	01/07/2016	23.59		Continued.	Zero Schedule	
MSPGCL	Chandrapur Unit 9	500	02/07/2016	07.26		Continued.	M.S.Temp.Low.	
MSPGCL	Khaparkhedda Unit 2	210	05/07/2016	23.46		Continued.	Zero Shedule Given By MSEDCL.	
MSPGCL	Khaparkhedda Unit 3	210	05/07/2016	23.52		Continued.	Zero Shedule Given By MSEDCL.	
MSPGCL	Khaparkhedda Unit 4	210	08/07/2016	03.07		Continued.	Zero Schedule given by MSEDCL.	
IPP	VIPL U-1	300	08/07/2016	06.35	08/07/2016	12.17	Water Seepage Problem In OSR Relay.	
CPP	WPCL U-4	135	08/07/2016	14.45		Continued.	Coal Checking.	
IPP	WPCL U-3	135	08/07/2016	15.30		Continued.	Coal Checking.	
MSPGCL	Chandrapur Unit-8	500	08/07/2016	21.07		Continued.	LV Side REF Protection Operated.	
MSPGCL	Bhusawal Unit 3	210	08/07/2016	23.57		Continued.	Zero Schedule given by MSEDCL.	

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

Statement-VII

Position as on 6.30 Hrs of 09/Jul/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							
Dhule Sar'Sarovar II	InterState	02/07/2016	00.22		Continued.	T	Over Voltage
Kolhapur Solapur (PG) II	InterState	07/07/2016	03.55		Continued.	T	Over Voltage
Chandrapur Bhadravati IV	InterState	07/07/2016	13.51		Continued.	HT	Over Voltage
Parli(MS)-Parli (PG) II	InterState	08/07/2016	09.44	08/07/2016	18.59	PO	Quarterly Maintainance Work
Karad-Jaigad - I	IntraState	23/06/2016	13.12		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	25/06/2016	14.08		Continued.	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	02/07/2016	16.24		Continued.	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	05/07/2016	08.36		Continued.	PO	Maintenance Work (RFC @ 18.37 Hrs dt 7.7.16)
Lonikand I - Koyna stage-IV	IntraState	08/07/2016	00.38	08/07/2016	07.28	HT	Over Voltage
Padghe - Talegaon (PG)	IntraState	08/07/2016	10.55	08/07/2016	17.59	PO	B Phase CT Jumper Replacement Work.
Lonikand I - Koyna stage-IV	IntraState	08/07/2016	16.30		Continued.	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	09/07/2016	03.45		Continued.	T	Over Voltage
Koradi-Khaperkheda li	IntraState	09/07/2016	03.45		Continued.	T	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	24/06/2016	19.25		Continued.	PO	shifted on TBC for main bus 1&2 outage
400/220/33 Kv 500 Mva ICT III @Waluj	IntraState	08/07/2016	08.32		Continued.	PO	Recommising of Removed R Phase Unit(for 7 Days).
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	08/07/2016	11.35	08/07/2016	12.01	PO	Shifted on TBC.
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
Bableshwar- Ranjangaon	IntraState	07/07/2016	11.32		Continued.	PO	C B Overhauling.
Pedhambe - Oni	IntraState	08/07/2016	08.10	08/07/2016	18.05	PO	Maintenance Work.
Dhule - Malegaon	IntraState	08/07/2016	11.05	08/07/2016	16.02	PO	Maintenance Work.
Dondaicha- Shahada	IntraState	08/07/2016	15.45	08/07/2016	17.53	T	Sparking Observed on Bus PT Isolator.
Aurangabad - Chitegaon	IntraState	09/07/2016	04.07		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)
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.
Vasai-Ii - Vasai 2 Line	IntraState	29/06/2016	11.30		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