

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Jul/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	76.764	2114.790	1) Gujrat	8.946	-110.654
2) Hydro	12.012	201.803	2) Madhya Pradesh	17.858	352.415
3) Gas	9.971	191.068	3) Chattisgarh	8.360	186.460
Total MSPGCL	98.747	2507.661	4) Maharashtra Net	85.307	1714.191
B) 1) APML	50.145	1239.912	5) Goa (Amona)	-0.572	-16.925
2) JSWEL	21.451	525.824	6) TAPS 1&2 Injection	2.120	82.055
3) VIPL	7.030	222.963	7) RGPPL Injection	11.730	297.403
4) RPL(AMT)	0.000	3.657	8) Pench (MS)	0.075	5.242
5) WPCL	2.471	83.930	9) Pench (Excess)	-0.075	-5.242
6) Other IPP	2.793	63.588	Total	133.674	2499.703
C) 1) TPCL Thermal	17.217	389.287	a) Mumbai Schedule	21.347	522.263
2) TPCL Hydro	4.972	108.428	b) Mumbai Drawl	20.320	609.679
3) TPCL Gas	2.928	70.894	c) MSEDCL Bilateral *	32.950	713.861
4) R-INFRA Thermal	11.798	276.929	Include PX	0.000	-141.814
D) STATE			d) Mumbai Bilateral *	21.347	522.263
1) Thermal	189.669	4920.880	Include PX	5.055	58.772
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	16.984	310.231	H) ENERGY CATERED (MUs)		
3) Gas	12.899	261.962	1) MSEDCL	305.431	7408.162
4) Wind	8.790	851.363	2) Mumbai Discoms	57.235	1455.217
6) SOLAR	0.650	19.240	TOTAL STATE	362.666	8863.379
TOTAL STATE	228.992	6363.676			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3144	3247	3174	3293
MSPGCL Hydro	1372	103	838	58
MSPGCL Gas	427	392	415	431
MSPGCL Total Generation	4943	3742	4427	3782
Central Sector Receipt	5953	6019	5663	5330
WIND	90	614	492	265
CPP / IPP	3336	3463	3950	3245
SOLAR	106	71	0	0
Exchange with Mumbai	-1217	-1089	-850	-616
MSEDCL DEMAND MET	13211	12820	13682	12006
Load Shedding	0	0	0	0
MSEDCL DEMAND	13211	12820	13682	12006
TPCL GENERATION	1216	1126	1163	653
R-INFRA GENERATION	508	498	511	420
MUMBAI DEMAND	2941	2713	2524	1689
STATE DEMAND MET	16152	15533	16206	13695
STATE DEMAND	16152	15533	16206	13695
Frequency (Hz)	49.92	50.01	49.95	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 13.03 Hrs	49.73 Hz at 12.14 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 26/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	10.75	307.26	550	400
Total	10.75	308.18		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	30.01	0	0
Unit 4	0.00	9.10	0	0
Unit 5	0.00	9.00	0	0
Total	0.00	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	4.13	96.37	184	144
Unit 4	4.11	98.76	175	168
Unit 5	0.00	179.16	0	0
Unit 6	9.60	232.64	428	377
Unit 7	8.40	189.17	390	307
Unit 8	6.85	134.77	433	152
Total	33.09	930.87		
Paras				
Unit 3	6.09	135.84	257	250
Unit 4	5.86	127.85	251	210
Total	11.95	263.69		
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	0.00	28.00	0	0
Unit 5	11.97	276.08	500	493
Total	11.97	343.03		
Nasik				
Unit 3	4.51	109.11	200	170
Unit 4	0.00	0.00	0	0
Unit 5	4.48	108.42	198	165
Total	9.00	217.52		
Uran				
All Units	9.97	191.07	442	363
Total	9.97	191.07		
PENCH (MS)				
Pench (MS)	0.08	5.24	23	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	5.24		
Koyna				
Stage 1-2	3.15	72.99	440	40
Stage 4	5.27	32.61	784	0
Stage 3	2.52	43.43	240	0
Total	10.94	149.04		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	4.12	0	0
TILLARI	0.00	7.42	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.26	10.54	80	0
RNGR+BHTSA	0.00	0.15	0	0
BHANDARDRA	0.04	8.31	2	1
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.16	1.52	7	6
GHATGHAR	0.62	20.70	125	0
Total	1.08	52.77		
Wind				
Total	8.79	851.36	0	0
Total	8.79	851.36		
CPP				
APML(Mus)	50.14	1239.91	0	0
JSWEL(Mus)	21.45	525.82	0	0
VIPL(Mus)	7.03	222.96	0	0
RPLAMT(Mus)	0.00	3.66	0	0
WPCL(Mus)	2.47	83.93	0	0
Other(Mus)	2.79	63.59	0	0
Total	83.89	2139.87		
SOLAR				
Total	0.65	19.24	0	0
Total	0.65	19.24		
Tata				
Trombay 5	11.33	248.76	486	338
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.04	44.49	119	53
Trombay 7B	0.89	26.40	60	17
Trombay 8	5.89	140.52	250	210
TATA Hydro	4.97	108.43	375	80
Total	25.12	568.61		
R-INFRA				
1-2	11.80	276.93	511	403
Total	11.80	276.93		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 9	0.00	1.92	MSPGCL Thermal	76.76	2114.79	MSPGCL Total	98.75	2507.66
Koradi 9	0.00	0.00	MSPGCL Thml+Gas	86.74	2305.86	Koyna 1,2 & 4 Total	8.42	105.60
Koradi 10	0.00	1.46	MSPGCL Hydro	12.01	201.80	State Total	228.99	6363.68
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/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	3295	267	418	3980	533	3311	0	4689	5110	-614	12320	0	12320	1975	14295	49.97
2	3307	48	431	3786	482	3313	0	4728	5256	-514	12323	0	12323	1856	14179	49.98
3	3266	63	418	3747	354	3309	0	4826	5177	-565	12022	0	12022	1749	13771	49.98
4	3293	58	431	3782	265	3245	0	4668	5330	-616	12006	0	12006	1689	13695	49.98
5	3276	48	430	3754	226	3294	0	4660	5260	-394	12140	0	12140	1703	13843	49.98
6	3245	149	422	3816	231	3316	0	4905	5509	-319	12553	0	12553	1824	14377	49.98
7	3266	780	431	4477	272	3305	2	5165	5532	-433	13155	0	13155	1974	15129	49.99
8	3280	1041	431	4752	188	3306	12	5380	5154	-581	12831	0	12831	2163	14994	50.01
9	3350	970	442	4762	167	3310	30	5798	5914	-876	13307	0	13307	2557	15864	49.99
10	3271	1293	417	4981	110	3326	46	5987	5814	-1068	13209	0	13209	2791	16000	49.92
11	3151	1514	430	5095	101	3328	65	5831	5738	-1182	13145	0	13145	2946	16091	49.97
12	3144	1372	427	4943	90	3336	106	6014	5953	-1217	13211	0	13211	2941	16152	49.92
13	3108	773	439	4320	148	3335	69	6250	5911	-1173	12610	0	12610	2861	15471	49.93
14	3067	325	429	3821	274	3312	92	6165	6300	-1093	12706	0	12706	2696	15402	50.02
15	3171	95	402	3668	448	3325	88	6043	6273	-1067	12735	0	12735	2702	15437	50.01
16	3247	103	392	3742	614	3463	71	5863	6019	-1089	12820	0	12820	2713	15533	50.01
17	3108	188	378	3674	865	3609	41	5317	5643	-1147	12685	0	12685	2710	15395	49.96
18	3117	88	390	3595	848	3673	23	5185	5277	-1200	12216	0	12216	2664	14880	49.94
19	3108	152	363	3623	768	3798	5	5582	5261	-1111	12344	0	12344	2623	14967	49.97
20	3146	890	393	4429	541	3875	0	5607	5697	-988	13554	0	13554	2636	16190	49.98
21	3174	838	415	4427	492	3950	0	5669	5663	-850	13682	0	13682	2524	16206	49.95
22	3086	541	414	4041	335	3971	0	5501	5495	-851	12991	0	12991	2458	15449	49.97
23	3154	211	422	3787	239	3942	0	5373	5462	-709	12721	0	12721	2274	14995	49.99
24	3134	205	406	3745	199	3934	0	5032	4926	-663	12141	0	12141	2206	14347	50.00
MUs	76.76	12.01	9.97	98.75	8.79	83.89	0.65	130.24	133.67	-20.32	305.43	0.00	305.43	57.24	362.67	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 26/Jul/2016

Position as on 6.30 Hrs of 27/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	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
MSPGCL	Nasik Unit 4	210	19/06/2016	00.20		Continued.	Capital 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.	Zero Schedule by MSEDCL from 00.00Hrs Dt.18-7-16 and A.O.H from 25/06/2016 to 17/07/2016	
MSPGCL	Bhusawal Unit 4	500	01/07/2016	23.55		Continued.	A.O.H from 17/07/2016 and Zero Shedule By MSEDCL from 1/07/2016 to 16/07/2016.	
IPP	VIPL U-2	300	15/07/2016	00.16		Continued.	Genrator Inspection.	
TPC-G	Trombay 7B	60	19/07/2016	21.49	26/07/2016	05.26	Mandatory Gas Path Inspection for 7 Days	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Jul/2016

Position as on 6.30 Hrs of 27/Jul/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	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.	
IPP	Adani U-1	660	13/07/2016	02.29	26/07/2016	15.07	Zero Shedule By MSEDCL.	
RGPPL	Dabhol 3B	230	18/07/2016	12.40		Continued.	Tripped.	
IPP	WPCL U-3	135	21/07/2016	00.02		Continued.	Boiler Tube Leakage	
CENT.SECTOR	TARAPUR-3	540	22/07/2016	20.30		Continued.	Reactor PCP mechanical seal damage	
MSPGCL	Chandrapur Unit 5	500	22/07/2016	22.48	27/07/2016	03.45	PA Fan problem	
CENT.SECTOR	Tarapur 1	160	24/07/2016	07.08		Continued.	Loss of Power supply	
RGPPL	Dabhol 2B	230	24/07/2016	17.13		Continued.	Change Over	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Jul/2016

Statement-VII

Position as on 6.30 Hrs of 27/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							
Kolhapur Solapur (PG) II	InterState	24/07/2016	00.41		Continued.	T	Over Voltage
Kolhapur Solapur (PG) II	InterState	25/07/2016	13.04	26/07/2016	10.53	T	Over Voltage
Dhule Sar'Sarovar I	InterState	25/07/2016	16.04		Continued.	HT	Over Voltage
Dhule Khandwa I	InterState	26/07/2016	11.17		Continued.	T	Insulator String Decapped,B-Phase To Earth Fault.
Kolhapur Solapur (PG) II	InterState	26/07/2016	17.46		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	26/07/2016	22.07	27/07/2016	05.06	HT	Over Voltage
Ektuni-Bableshtar 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	27/07/2016	06.31	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	22/07/2016	09.28	26/07/2016	09.35	PO	String replacement(RFC 16.51Hrs)
karad -kolhapur-II	IntraState	24/07/2016	23.27	26/07/2016	10.15	HT	Over Voltage
Karad-Jaigad - I	IntraState	25/07/2016	18.37		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	25/07/2016	20.42	26/07/2016	09.06	HT	Over Voltage
karad -kolhapur-II	IntraState	26/07/2016	13.13		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	27/07/2016	00.27	27/07/2016	07.13	HT	Over Voltage
Chandrapur2-Parali 2 ckt1	IntraState	27/07/2016	05.47		Continued.	T	Distance Protection
220 KV LINE Outages/Trippings							
Tillari Amona	InterState	27/07/2016	02.57		Continued.	T	Over Voltage
Mahalakshmi Amona	InterState	27/07/2016	02.57		Continued.	T	Over Voltage
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
Vankuswade - Kdph	IntraState	24/07/2016	05.20		Continued.	T	Distance Protection
Bableshtar - Alephata	IntraState	24/07/2016	07.57		Continued.	HT	Load Diversion.
Ranjangaon-Lonikand	IntraState	24/07/2016	11.00		Continued.	PO	Overhauling Work.
Topworth-PGPL(MSL Tap)	IntraState	26/07/2016	09.35	26/07/2016	18.46	PO	Disconnection Top Worth Jumper.
Topworth - Kharghar	IntraState	26/07/2016	10.20	26/07/2016	18.47	PO	Disconnection Of Top Worth Jumper.
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.

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