

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Jul/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	84.434	171.392	1) Gujrat	-0.699	-1.954
2) Hydro	4.745	10.644	2) Madhya Pradesh	14.765	31.721
3) Gas	5.795	10.523	3) Chattisgarh	8.340	17.130
Total MSPGCL	94.974	192.559	4) Maharashtra Net	81.095	160.038
B) 1) APML	62.341	129.237	5) Goa (Amona)	-0.418	-0.836
2) JSWEL	7.840	15.630	Total	103.083	206.099
3) VIPL	5.210	10.948	a) Mumbai Schedule	15.449	36.360
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.264	55.377
5) WPCL	2.564	5.187	c) MSEDCL Bilateral *	18.087	30.905
6) PGPL	0.000	0.000	Include PX	2.712	1.792
7) Other IPP	2.962	5.963	d) Mumbai Bilateral *	15.449	36.360
C) 1) TPCL Thermal	7.634	19.005	Include PX	2.635	9.285
2) TPCL Hydro	4.045	8.996	Include Standby	0.000	0.000
3) TPCL Gas	3.678	5.933	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.347	19.102	1) MSEDCL	305.632	618.078
D) STATE			2) Mumbai Discoms	49.968	108.413
1) Thermal	182.332	376.464	TOTAL STATE	355.600	726.491
(A1+C1+C4+(B1-B6))					
2) Hydro	8.790	19.640			
(A2+C2)					
3) Gas	9.473	16.456			
(A3+B6+C3)					
4) Wind	50.147	104.463			
6) SOLAR	1.775	3.369			
TOTAL STATE	252.517	520.392			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3699	3285	3717	3438
MSPGCL Hydro	307	132	503	68
MSPGCL Gas	238	245	247	252
MSPGCL Total Generation	4244	3662	4467	3758
Central Sector Receipt	4637	4579	4205	3686
WIND	2219	2351	1943	1877
CPP / IPP Thermal	3491	3306	3587	3454
CPP / IPP Gas	0	0	0	0
SOLAR	108	247	0	0
Exchange with Mumbai	-1000	-1240	-1092	-868
MSEDCL DEMAND MET	13699	12905	13110	11907
Load Shedding	0	0	0	0
MSEDCL DEMAND	13699	12905	13110	11907
TPCL GENERATION	560	638	827	540
R-INFRA GENERATION	390	389	390	390
MUMBAI DEMAND	1950	2267	2309	1798
STATE DEMAND MET	15649	15172	15419	13705
STATE DEMAND	15649	15172	15419	13705
Frequency (Hz)	50.04	50.01	49.97	50.06

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.3 Hz at 09.44 Hrs	49.76 Hz at 19.28 Hrs	50	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 02/Jul/2017

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	7.33	15.29	380	285
Unit 9	7.39	14.96	371	290
Unit 10	6.06	13.15	312	138
Total	20.78	43.40		
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
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.24	8.66	190	169
Unit 5	8.84	17.96	395	352
Unit 6	9.13	18.74	430	351
Unit 7	9.21	19.34	458	355
Unit 8	9.73	20.20	493	360
Unit 9	9.64	19.82	465	360
Total	50.78	104.70		
Paras				
Unit 3	4.98	9.98	247	191
Unit 4	0.00	0.00	0	0
Total	4.98	9.98		
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	0.00	0.00	0	0
Total	0.00	0.00		
Nasik				
Unit 3	0.00	0.49	0	0
Unit 4	3.96	8.05	167	162
Unit 5	3.93	4.76	173	154
Total	7.89	13.30		
Uran				
All Units	5.80	10.52	252	218
Total	5.80	10.52		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.68	0.73	140	0
Total	0.68	0.73		
Koyna				
Stage 1-2	1.86	4.66	270	40
Stage 4	0.33	0.63	170	0
Stage 3	1.05	2.34	160	0
Total	3.23	7.62		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.34	0.34	60	0
TILLARI	0.32	0.75	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.44	0.86	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.42	0.81	18	17
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	0.00	0.26	0	0
Total	1.51	3.02		
Wind				
Total	50.15	104.46	0	0
Total	50.15	104.46		
CPP				
APML(Mus)	62.34	129.24	0	0
JSWEL(Mus)	7.84	15.63	0	0
VIPL(Mus)	5.21	10.95	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.56	5.19	0	0
Other(Mus)	2.96	5.96	0	0
Total	80.92	166.96		
SOLAR				
Total	1.78	3.37	0	0
Total	1.78	3.37		
Tata				
Trombay 5	7.42	15.83	316	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.29	3.81	101	93
Trombay 7B	1.39	2.12	60	57
Trombay 8	0.22	3.17	116	0
TATA Hydro	4.04	9.00	373	72
Total	15.36	33.93		
R-INFRA				
DTPS U-1&2	9.35	19.10	390	389
Total	9.35	19.10		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	84.43	171.39	MSPGCL Total	94.97	192.56
			MSPGCL Thml+Gas	90.23	181.92	Koyna 1,2 & 4 Total	2.19	5.28
			MSPGCL Hydro	4.74	10.64	State Total	252.52	520.39

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/Jul/2017

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	3563	63	218	3844	1702	3492	0	0	3986	4377	-1194	12221	0	12221	2121	14342	50.00
2	3881	58	227	4166	1688	3621	0	0	3734	3606	-1024	12057	0	12057	1954	14011	50.00
3	3594	73	235	3902	2238	3539	0	0	3489	3520	-923	12276	0	12276	1854	14130	50.02
4	3438	68	252	3758	1877	3454	0	0	3489	3686	-868	11907	0	11907	1798	13705	50.06
5	3423	68	247	3738	2155	3457	0	0	3779	3869	-843	12376	0	12376	1772	14148	50.01
6	3421	58	237	3716	2000	3452	0	0	4395	4605	-881	12892	0	12892	1811	14703	49.95
7	3515	123	247	3885	1847	3469	0	9	4797	5240	-903	13547	0	13547	1831	15378	50.04
8	3830	147	237	4214	1969	3574	0	58	4860	4854	-930	13740	0	13740	1859	15599	50.00
9	3699	307	238	4244	2219	3491	0	108	4253	4637	-1000	13699	0	13699	1950	15649	50.04
10	3810	250	249	4309	2375	3612	0	168	4014	3949	-1062	13351	0	13351	2111	15462	50.08
11	3737	207	249	4193	2569	3567	0	191	4205	4047	-1203	13364	0	13364	2210	15574	50.04
12	3410	197	237	3844	2388	3354	0	204	4802	4799	-1238	13351	0	13351	2255	15606	49.98
13	3285	132	245	3662	2351	3306	0	247	4777	4579	-1240	12905	0	12905	2267	15172	50.01
14	3254	107	247	3608	2414	3120	0	234	4546	4616	-1207	12785	0	12785	2215	15000	49.98
15	3255	357	237	3849	2471	3065	0	187	4108	4345	-1133	12784	0	12784	2165	14949	49.98
16	3278	162	240	3680	2286	3056	0	188	4167	4298	-1011	12497	0	12497	2080	14577	50.00
17	3334	130	248	3712	2450	3051	0	89	3945	4053	-989	12366	0	12366	2061	14427	50.02
18	3354	122	248	3724	2348	3056	0	75	3794	3923	-1046	12080	0	12080	2114	14194	49.99
19	3340	250	239	3829	2305	3051	0	17	3849	4118	-1061	12259	0	12259	2158	14417	50.00
20	3406	674	245	4325	1969	3118	0	0	4183	4197	-1068	12541	0	12541	2295	14836	49.91
21	3717	503	247	4467	1943	3587	0	0	4416	4205	-1092	13110	0	13110	2309	15419	49.97
22	3650	287	238	4175	1647	3527	0	0	4427	4364	-1103	12610	0	12610	2302	14912	49.94
23	3575	258	238	4071	1546	3453	0	0	4441	4643	-1100	12613	0	12613	2269	14882	49.92
24	3665	144	250	4059	1390	3440	0	0	4408	4553	-1145	12297	0	12297	2207	14504	50.01
MUs	84.43	4.75	5.79	94.97	50.15	80.92	0.00	1.78	100.86	103.08	-25.26	305.63	0.00	305.63	49.97	355.60	50.00

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 02/Jul/2017

Position as on 6.30 Hrs of 03/Jul/2017

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.	
MSPGCL	Chandrapur Unit 3	210	05/06/2017	23.24		Continued.	AOH.	
MSPGCL	Khaparkhedda Unit 2	210	14/06/2017	23.16		Continued.	Annual Overhaul	
MSPGCL	Paras Unit 4	250	21/06/2017	00.04		Continued.	Annual Overhaul	
MSPGCL	Koradi Unit 7	210	21/06/2017	01.24		Continued.	COH.	
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	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
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)	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
IPP	RPL(AMT) U-3	270	05/06/2017	14.31		Continued.	swaping with unit-5.	
IPP	RPL(AMT) U-4	270	09/06/2017	00.20		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-5	270	09/06/2017	01.39		Continued.	Zero Schedule by MSEDCL	
IPP	RPL(AMT) U-2	270	09/06/2017	04.24		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 7	250	13/06/2017	00.04		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 3	210	13/06/2017	06.01		Continued.	Zero Schedule By	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Jul/2017

Position as on 6.30 Hrs of 03/Jul/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							MSEDCL	
IPP	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK	
MSPGCL	Parli Unit 6	250	14/06/2017	00.02		Continued.	Zero schedule by MSEDCL.	
MSPGCL	Parli Unit 8	250	17/06/2017	00.08		Continued.	Zero Schedule by MSEDCL	
CPP	SWPGL U-4	135	23/06/2017	12.01	03/07/2017	06.12	Coal Shortage	
MSPGCL	Bhusawal Unit 4	500	24/06/2017	00.38		Continued.	Hydrogen Gas Leakage.	
MSPGCL	Bhusawal Unit 5	500	26/06/2017	00.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 4	210	26/06/2017	10.20		Continued.	BTL (Converted to Zero Schedule from 20.00Hrs DT.27 June 2017)	
MSPGCL	Khaparkheda Unit 3	210	27/06/2017	23.50		Continued.	zero schedule by MSEDCL.	
MSPGCL	Khaparkheda Unit 1	210	27/06/2017	23.51		Continued.	zero schedule by MSEDCL.	
IPP	JSW (J) U1	300	28/06/2017	13.29		Continued.	water leakage.	
MSPGCL	Khaparkheda Unit 5	500	28/06/2017	23.58		Continued.	zero schedule.	
MSPGCL	Uran Unit 5	108	30/06/2017	00.50		Continued.	Routine Maintenance Work	
MSPGCL	Nasik Unit 3	210	01/07/2017	03.25		Continued.	Boiler Tube Leakage	
TPC_G	Trombay 8	250	01/07/2017	14.34	02/07/2017	21.45	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 03/Jul/2017

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							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kV Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar I	InterState	22/06/2017	18.30		Continued.	T	Over Voltage
karad -kolhapur-I	IntraState	23/06/2017	17.07		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/06/2017	17.02		Continued.	HT	Over Voltage
Koradi-India Bulls	IntraState	30/06/2017	18.01		Continued.	T	Distance Protection
Ektuni-Bableshtar ckt II	IntraState	01/07/2017	08.19		Continued.	HT	load control.
Karad - Jaigad - II	IntraState	01/07/2017	18.09		Continued.	HT	Over Voltage
Bus Coupler @ Kalwa	IntraState	02/07/2017	08.47	02/07/2017	13.37	EO	Attending Hot Spot
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	NO SCHEDULE.
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.
Walchandnagar-Bhigwan	IntraState	04/06/2017	17.29		Continued.	T	Distance Protection
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection
Pophali - Pedambe II	IntraState	17/06/2017	17.00		Continued.	PO	CT REPLACEMENT WORK
Pophali - Kdph	IntraState	23/06/2017	08.45		Continued.	T	Distance Protection
Vita - Miraj	IntraState	01/07/2017	14.53		Continued.	PO	bunching work.
Kharghar - Nerul	IntraState	02/07/2017	06.11	02/07/2017	21.56	PO	CT Replacement work.
Lonikand - Bhosari	IntraState	02/07/2017	09.19	02/07/2017	10.20	T	B PH PT BURST, A ZONE BUS BAR OPTD.
Lonand-Bothe	IntraState	02/07/2017	10.06	02/07/2017	15.05	PO	Replacement of damaged conductor.
Eklahare (Gcr) - Airoli Know Park	IntraState	02/07/2017	10.50	02/07/2017	13.35	EO	Attending Hot Spot
Kharepatan -Pawas Line	IntraState	02/07/2017	11.56	02/07/2017	12.54	PO	Attending air leakage in breaker.
Mahad - Pedambe	IntraState	02/07/2017	15.40	02/07/2017	16.00	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							
Bhusawal - Yaval	IntraState	02/07/2017	12.02	02/07/2017	12.04	T	Distance Protection
Mangrulpir-Karanja Ckt li	IntraState	02/07/2017	18.28		Continued.	T	Distance Protection

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