

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Jul/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	86.958	86.958	1) Gujrat	-1.255	-1.255
2) Hydro	5.899	5.899	2) Madhya Pradesh	16.956	16.956
3) Gas	4.728	4.728	3) Chattisgarh	8.790	8.790
Total MSPGCL	97.585	97.585	4) Maharashtra Net	78.943	78.943
B) 1) APML	66.896	66.896	5) Goa (Amona)	-0.418	-0.418
2) JSWEL	7.790	7.790	Total	103.016	103.016
3) VIPL	5.738	5.738	a) Mumbai Schedule	20.911	20.911
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	30.113	30.113
5) WPCL	2.623	2.623	c) MSEDCL Bilateral *	12.818	12.818
6) PGPL	0.000	0.000	Include PX	-0.920	-0.920
7) Other IPP	3.001	3.001	d) Mumbai Bilateral *	20.911	20.911
C) 1) TPCL Thermal	11.371	11.371	Include PX	6.650	6.650
2) TPCL Hydro	4.951	4.951	Include Standby	0.000	0.000
3) TPCL Gas	2.255	2.255	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.755	9.755	1) MSEDCL	312.446	312.446
D) STATE			2) Mumbai Discoms	58.445	58.445
1) Thermal	194.132	194.132	TOTAL STATE	370.891	370.891
(A1+C1+C4+(B1-B6))					
2) Hydro	10.850	10.850			
(A2+C2)					
3) Gas	6.983	6.983			
(A3+B6+C3)					
4) Wind	54.316	54.316			
6) SOLAR	1.594	1.594			
TOTAL STATE	267.875	267.875			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3449	3605	3490	3392
MSPGCL Hydro	609	292	505	62
MSPGCL Gas	201	191	194	196
MSPGCL Total Generation	4259	4088	4189	3650
Central Sector Receipt	4810	4630	4562	3840
WIND	2618	2579	2441	2001
CPP / IPP Thermal	3452	3441	3486	3466
CPP / IPP Gas	0	0	0	0
SOLAR	196	214	0	0
Exchange with Mumbai	-1710	-1739	-1323	-899
MSEDCL DEMAND MET	13625	13213	13355	12058
Load Shedding	0	0	0	0
MSEDCL DEMAND	13625	13213	13355	12058
TPCL GENERATION	848	810	953	580
R-INFRA GENERATION	389	390	390	391
MUMBAI DEMAND	2947	2939	2666	1870
STATE DEMAND MET	16572	16152	16021	13928
STATE DEMAND	16572	16152	16021	13928
Frequency (Hz)	50.00	50.00	49.95	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13.02 Hrs	49.82 Hz at 18.23 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 01/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	7.96	7.96	392	300
Unit 9	7.57	7.57	360	300
Unit 10	7.09	7.09	301	283
Total	22.62	22.62		
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	4.42	4.42	196	165
Unit 5	9.12	9.12	415	351
Unit 6	9.61	9.61	440	349
Unit 7	10.12	10.12	465	359
Unit 8	10.47	10.47	488	360
Unit 9	10.18	10.18	484	359
Total	53.92	53.92		
Paras				
Unit 3	5.00	5.00	253	190
Unit 4	0.00	0.00	0	0
Total	5.00	5.00		
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	0.49	0.49	155	0
Unit 4	4.09	4.09	204	163
Unit 5	0.84	0.84	165	0
Total	5.42	5.42		
Uran				
All Units	4.73	4.73	214	151
Total	4.73	4.73		
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)	0.06	0.06	40	0
Total	0.06	0.06		
Koyna				
Stage 1-2	2.80	2.80	345	40
Stage 4	0.30	0.30	231	0
Stage 3	1.29	1.29	160	0
Total	4.39	4.39		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.44	0.44	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	0.42	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.40	0.40	17	16
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	0.26	0.26	125	0
Total	1.51	1.51		
Wind				
Total	54.32	54.32	0	0
Total	54.32	54.32		
CPP				
APML(Mus)	66.90	66.90	0	0
JSWEL(Mus)	7.79	7.79	0	0
VIPL(Mus)	5.74	5.74	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.62	2.62	0	0
Other(Mus)	3.00	3.00	0	0
Total	86.05	86.05		
SOLAR				
Total	1.59	1.59	0	0
Total	1.59	1.59		
Tata				
Trombay 5	8.42	8.42	478	308
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.52	1.52	116	0
Trombay 7B	0.73	0.73	64	0
Trombay 8	2.96	2.96	242	0
TATA Hydro	4.95	4.95	446	72
Total	18.58	18.58		
R-INFRA				
DTPS U-1&2	9.76	9.76	508	389
Total	9.76	9.76		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	86.96	86.96	MSPGCL Total	97.58	97.58
			MSPGCL Thml+Gas	91.69	91.69	Koyna 1,2 & 4 Total	3.10	3.10
			MSPGCL Hydro	5.90	5.90	State Total	267.88	267.88

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/Jul/2017

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			THM	GAS										
1	3902	57	204	4163	2024	3588	0	0	3849	4072	-1094	12753	0	12753	2226	14979	49.96
2	3875	57	208	4140	2051	3654	0	0	3589	3695	-1112	12428	0	12428	2083	14511	50.00
3	3759	57	206	4022	2118	3637	0	0	3429	3306	-970	12113	0	12113	1940	14053	49.99
4	3392	62	196	3650	2001	3466	0	0	3476	3840	-899	12058	0	12058	1870	13928	49.98
5	3318	77	205	3600	1941	3446	0	0	3742	4057	-832	12212	0	12212	1846	14058	49.97
6	3448	242	205	3895	2087	3488	0	0	3984	4375	-913	12932	0	12932	1901	14833	49.96
7	3811	421	206	4438	1992	3808	0	13	4122	4465	-726	13990	0	13990	1954	15944	49.97
8	3803	272	205	4280	2033	3872	0	47	4234	4719	-805	14146	0	14146	2100	16246	49.98
9	3819	352	195	4366	2479	3875	0	93	4146	4356	-1013	14156	0	14156	2283	16439	50.00
10	3748	369	207	4324	2592	3813	0	163	4345	4231	-1472	13651	0	13651	2661	16312	50.02
11	3352	564	203	4119	2544	3487	0	184	4363	4460	-1643	13151	0	13151	2816	15967	49.97
12	3449	609	201	4259	2618	3452	0	196	4432	4810	-1710	13625	0	13625	2947	16572	50.00
13	3605	292	191	4088	2579	3441	0	214	4370	4630	-1739	13213	0	13213	2939	16152	50.00
14	3590	216	203	4009	2477	3445	0	184	4317	4659	-1628	13146	0	13146	2798	15944	50.01
15	3641	181	199	4021	2540	3441	0	196	4382	4540	-1682	13056	0	13056	2796	15852	49.95
16	3657	115	202	3974	2448	3440	0	133	4390	4411	-1540	12866	0	12866	2768	15634	49.99
17	3539	96	151	3786	2619	3441	0	107	4258	4338	-1528	12763	0	12763	2715	15478	49.99
18	3271	163	166	3600	2412	3386	0	54	3885	4365	-1450	12367	0	12367	2695	15062	49.95
19	3279	349	189	3817	2438	3418	0	10	3755	4367	-1343	12707	0	12707	2637	15344	49.94
20	3490	505	194	4189	2441	3486	0	0	4040	4562	-1323	13355	0	13355	2666	16021	49.95
21	3861	515	186	4562	2202	3765	0	0	4008	4180	-1312	13397	0	13397	2618	16015	49.94
22	3915	136	195	4246	1946	3871	0	0	3960	4145	-1194	13014	0	13014	2497	15511	49.99
23	3920	66	197	4183	1915	3833	0	0	3897	3996	-1073	12854	0	12854	2387	15241	49.99
24	3514	126	214	3854	1819	3493	0	0	4033	4436	-1112	12490	0	12490	2302	14792	49.95
MUs	86.96	5.90	4.73	97.59	54.32	86.05	0.00	1.59	97.01	103.02	-30.11	312.45	0.00	312.45	58.44	370.89	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 01/Jul/2017

Position as on 6.30 Hrs of 02/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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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 01/Jul/2017

Position as on 6.30 Hrs of 02/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	
MSPGCL	Nasik Unit 5	210	17/06/2017	15.35	01/07/2017	16.45	Zero schedule by MSEDCL	
CPP	SWPGL U-4	135	23/06/2017	12.01		Continued.	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	Uran Unit A0	120	30/06/2017	08.00	01/07/2017	23.25	COOLER WATER LINE LEAKAGE.	
TPC-G	Trombay 7B	60	01/07/2017	00.54	01/07/2017	12.02	GOVERNOR CONTROL PROBLEM.	
TPC-G	Trombay 7A	120	01/07/2017	00.54	01/07/2017	09.13	GOVERNOR CONTROL PROBLEM.	
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 01/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 02/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
Ektuni-Bableshwar ckt I	IntraState	26/06/2017	11.58	01/07/2017	08.19	HT	To attend Hot Spot
N.Koyna-Karad -Ckt II	IntraState	30/06/2017	16.21	01/07/2017	09.09	T	Y-PHASE LA BURST AT NEW KOYNA(RFC 00.52 DT.01-07-2017)
Koradi-India Bulls	IntraState	30/06/2017	18.01		Continued.	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	01/07/2017	03.08	01/07/2017	07.20	HT	Over Voltage
Ektuni-Bableshwar 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
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	01/07/2017	16.05	01/07/2017	17.58	EO	Attending Hot Spot
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	01/07/2017	16.48	01/07/2017	22.41	PO	Attending Oil Leakage
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.
Mahalakshmi Amona	InterState	01/07/2017	05.32	01/07/2017	06.42	T	Distance Protection
Tillari Amona	InterState	01/07/2017	05.32	01/07/2017	07.05	T	Distance Protection
Mahalakshmi Amona	InterState	01/07/2017	08.35	01/07/2017	13.50	PO	outage by wrldc.
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
Purti-Bhugaon	IntraState	01/07/2017	08.51	01/07/2017	16.34	PO	Insulator Replacement Work
Aarey Saki Line 1	IntraState	01/07/2017	09.12	01/07/2017	16.29	PO	Routine Maintenance Work
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)

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

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 02/Jul/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	01/07/2017	12.41	01/07/2017	15.10	PO	Routine Maintenance Work
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