

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Jul/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	84.170	2323.301	1) Gujrat	-1.992	6.991
2) Hydro	5.587	148.708	2) Madhya Pradesh	14.910	382.401
3) Gas	8.946	199.571	3) Chattisgarh	7.120	180.290
Total MSPGCL	98.703	2671.580	4) Maharashtra Net	75.370	2003.704
B) 1) APML	44.948	1307.442	5) Goa (Amona)	-0.440	-10.186
2) JSWEL	14.021	293.966	Total	94.968	2563.200
3) VIPL	5.085	136.868	a) Mumbai Schedule	15.296	483.160
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.234	634.192
5) WPCL	3.770	65.838	c) MSEDCL Bilateral *	16.340	450.300
6) PGPL	0.000	0.000	Include PX	0.000	36.548
7) Other IPP	3.392	69.917	d) Mumbai Bilateral *	15.296	483.160
C) 1) TPCL Thermal	12.417	306.566	Include PX	2.551	146.358
2) TPCL Hydro	3.526	105.911	Include Standby	0.000	0.000
3) TPCL Gas	0.000	79.119	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.244	232.293	1) MSEDCL	302.943	7570.182
D) STATE			2) Mumbai Discoms	49.421	1358.074
1) Thermal	177.047	4736.191	TOTAL STATE	352.364	8928.256
(A1+C1+C4+(B1-B6))					
2) Hydro	9.113	254.619			
(A2+C2)					
3) Gas	8.946	278.690			
(A3+B6+C3)					
4) Wind	61.041	1057.439			
6) SOLAR	1.249	38.124			
TOTAL STATE	257.396	6365.063			

* 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 3 Hrs
MSPGCL Thermal	3526	3491	3497	3531
MSPGCL Hydro	327	335	444	84
MSPGCL Gas	371	358	363	377
MSPGCL Total Generation	4224	4184	4304	3992
Central Sector Receipt	4634	4120	4334	3352
WIND	2681	2687	2608	2361
CPP / IPP Thermal	3076	2955	3003	2801
CPP / IPP Gas	0	0	0	0
SOLAR	167	157	0	0
Exchange with Mumbai	-1324	-1293	-1012	-797
MSEDCL DEMAND MET	13458	12810	13237	11709
Load Shedding	0	0	0	0
MSEDCL DEMAND	13458	12810	13237	11709
TPCL GENERATION	594	592	881	591
R-INFRA GENERATION	385	384	385	386
MUMBAI DEMAND	2303	2269	2278	1774
STATE DEMAND MET	15761	15079	15515	13483
STATE DEMAND	15761	15079	15515	13483
Frequency (Hz)	50.02	50.04	50.01	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 17.04 Hrs	49.77 Hz at 21.05 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 23/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	7.46	206.14	360	299
Unit 9	7.38	200.25	330	268
Unit 10	8.14	216.24	355	300
Total	22.98	622.63		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	52.33	0	0
Unit 5	0.00	22.97	0	0
Total	0.00	75.29		
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	3.99	98.49	173	162
Unit 5	0.00	194.55	0	0
Unit 6	8.73	216.10	390	344
Unit 7	8.90	220.03	425	359
Unit 8	8.81	201.14	439	360
Unit 9	8.74	211.84	439	343
Total	39.16	1142.15		
Paras				
Unit 3	4.70	116.74	205	189
Unit 4	4.67	29.06	202	184
Total	9.37	145.80		
Khaparkheda				
Unit 1	0.00	13.54	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	16.68	0	0
Unit 4	0.00	21.01	0	0
Unit 5	8.76	131.48	370	360
Total	8.76	182.72		
Nasik				
Unit 3	3.90	54.20	166	155
Unit 4	0.00	41.20	0	0
Unit 5	0.00	59.31	0	0
Total	3.90	154.70		
Uran				
All Units	8.95	199.57	386	358
Total	8.95	199.57		
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)	0.07	3.26	43	0
Total	0.07	3.26		
Koyna				
Stage 1-2	1.72	58.91	255	40
Stage 4	0.00	20.07	0	0
Stage 3	1.41	34.53	160	0
Total	3.14	113.51		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.51	2.88	61	0
TILLARI	0.50	5.42	43	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.38	9.62	40	0
RNGR+BHTSA	0.07	0.35	3	2
BHANDARDRA	0.74	9.47	31	30
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.26	2.02	11	10
GHATGHAR	0.00	5.44	0	0
Total	2.45	35.20		
Wind				
Total	61.04	1057.44	0	0
Total	61.04	1057.44		
CPP				
APML(Mus)	44.95	1307.44	0	0
JSWEL(Mus)	14.02	293.97	0	0
VIPL(Mus)	5.08	136.87	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.77	65.84	0	0
Other(Mus)	3.39	69.92	0	0
Total	71.22	1874.03		
SOLAR				
Total	1.25	38.12	0	0
Total	1.25	38.12		
Tata				
Trombay 5	7.58	197.10	317	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	49.72	0	0
Trombay 7B	0.00	29.40	0	0
Trombay 8	4.84	109.46	204	200
TATA Hydro	3.53	105.91	412	75
Total	15.94	491.60		
R-INFRA				
DTPS U-1&2	9.24	232.29	386	384
Total	9.24	232.29		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	84.17	2323.30	MSPGCL Total	98.70	2671.58
			MSPGCL Thml+Gas	93.12	2522.87	Koyna 1,2 & 4 Total	1.72	78.98
			MSPGCL Hydro	5.59	148.71	State Total	257.40	6365.06

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/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	3499	144	364	4007	2261	2774	0	0	3997	4154	-1049	12147	0	12147	2026	14173	50.01
2	3521	123	384	4028	2136	2763	0	0	3645	3852	-899	11880	0	11880	1878	13758	49.98
3	3531	84	377	3992	2361	2801	0	0	3325	3352	-797	11709	0	11709	1774	13483	50.00
4	3545	89	376	4010	2395	2819	0	0	3025	3372	-732	11864	0	11864	1707	13571	50.04
5	3568	109	381	4058	2470	2808	0	0	3408	3378	-709	12005	0	12005	1684	13689	50.03
6	3516	94	382	3992	2407	2836	0	0	3924	4101	-763	12573	0	12573	1741	14314	50.01
7	3522	116	386	4024	2370	3043	0	8	4497	4520	-802	13163	0	13163	1777	14940	50.06
8	3544	170	373	4087	2603	3102	0	33	4551	4688	-901	13612	0	13612	1878	15490	50.00
9	3551	251	370	4172	2642	3122	0	77	4443	4696	-974	13735	0	13735	1976	15711	50.01
10	3560	506	362	4428	2496	3135	0	119	4009	4325	-1097	13406	0	13406	2106	15512	50.05
11	3545	382	380	4307	2552	3153	0	136	4193	4341	-1257	13232	0	13232	2245	15477	50.03
12	3526	327	371	4224	2681	3076	0	167	4530	4634	-1324	13458	0	13458	2303	15761	50.02
13	3491	335	358	4184	2687	2955	0	157	4052	4120	-1293	12810	0	12810	2269	15079	50.04
14	3445	335	367	4147	2721	2974	0	169	3612	3820	-1241	12590	0	12590	2217	14807	50.01
15	3431	327	369	4127	2895	2993	0	137	3311	3479	-1153	12478	0	12478	2128	14606	50.05
16	3402	248	360	4010	2660	2991	0	108	3253	3464	-1111	12122	0	12122	2108	14230	50.07
17	3426	166	382	3974	2966	2994	0	89	3097	3209	-1063	12169	0	12169	2061	14230	50.03
18	3446	291	372	4109	2872	3003	0	42	2985	2983	-1052	11957	0	11957	2090	14047	50.03
19	3487	362	374	4223	2702	2996	0	7	3363	3593	-1096	12425	0	12425	2146	14571	50.01
20	3497	444	363	4304	2608	3003	0	0	3836	4334	-1012	13237	0	13237	2278	15515	50.01
21	3721	180	382	4283	2525	3073	0	0	4466	4138	-1041	12978	0	12978	2316	15294	49.98
22	3478	198	374	4050	2376	2958	0	0	3998	4425	-980	12829	0	12829	2297	15126	49.95
23	3482	143	374	3999	2329	2919	0	0	3652	4125	-969	12403	0	12403	2260	14663	49.96
24	3436	163	365	3964	2326	2925	0	0	3469	3865	-919	12161	0	12161	2156	14317	49.99
MUs	84.17	5.59	8.95	98.70	61.04	71.22	0.00	1.25	90.64	94.97	-24.23	302.94	0.00	302.94	49.42	352.36	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 23/Jul/2017

Position as on 6.30 Hrs of 24/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.	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
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	Koradi Unit 7	210	21/06/2017	01.24		Continued.	COH.	
IPP	JSW (J) U4	300	04/07/2017	20.41		Continued.	Annual Overhaul	
CENT.SECTOR	TARAPUR-3	540	11/07/2017	16.30		Continued.	Reactor Inspection Work	
IPP	Adani U-3	660	14/07/2017	23.48		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 5	500	15/07/2017	05.59		Continued.	Zero Schedule By MSEDCL (Converted to AOH from 00:00Hrs of 20.07.2017)	
CPP	SWPGL U-4	135	19/07/2017	03.50	23/07/2017	04.37	ID Fan Problem	
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	
IPP	RPL(AMT) U-1	270	24/05/2017	03.27		Continued.	Flame Failure(converted to Zero Schedule from 00.00Hrs DT.13th Jun 17)	
IPP	JSW (J) U2	300	31/05/2017	23.58		Continued.	NO SCHEDULE.	
IPP	Dhariwal	300	01/06/2017	00.01		Continued.	NO SCHEDULE.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/Jul/2017

Position as on 6.30 Hrs of 24/Jul/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-3	270	05/06/2017	14.31		Continued.	swapping with unit-5(converted to Zero Schedule from 00.00Hrs DT.15th Jun 17)	
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 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 4	210	10/07/2017	14.28		Continued.	Boiler validity extention.on date 12/07/2017 converted zero schedule	
MSPGCL	Khaparkheda Unit 1	210	11/07/2017	23.53		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 3	210	12/07/2017	08.40		Continued.	Boiler Tube Leakage. on date 13.07.2017 converted to zero schedule.	
MSPGCL	Khaparkheda Unit 4	210	13/07/2017	03.36		Continued.	Drum level low. on Dated 14.07.2017 converted to zero schedule.	
MSPGCL	Koyana Unit 10	80	15/07/2017	19.15		Continued.	Tripped due to GT Got Fire	
MSPGCL	Nasik Unit 5	210	16/07/2017	00.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 4	500	17/07/2017	23.46		Continued.	Zero Schedule By MSEDCL	
TPC-G	Trombay 7B	60	21/07/2017	23.20		Continued.	Gas Path Inspection and CW Tunnel repairs (For 8 Days)	
TPC-G	Trombay 7A	120	22/07/2017	02.51		Continued.	Gas Path Inspection and CW Tunnel repairs (For 8 Days)	
MSPGCL	Chandrapur Unit 5	500	22/07/2017	22.39		Continued.	Air Pre-Heater Basket Replacement.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Jul/2017

Statement-VII

Position as on 6.30 Hrs of 24/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 II	InterState	12/07/2017	20.45		Continued.	HT	Over Voltage
Kolhapur(M)-Kolhapur(GIS) ckt1	InterState	24/07/2017	01.02		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	08/07/2017	21.48		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	12/07/2017	18.11		Continued.	HT	Over Voltage
Ektuni-Bableshtar ckt II	IntraState	16/07/2017	16.05		Continued.	HT	hand tripped to control load
karad -kolhapur-I	IntraState	20/07/2017	09.38		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	23/07/2017	01.46	23/07/2017	08.30	HT	Over Voltage
Babhaleshtar - Padgha-II	IntraState	23/07/2017	09.15	23/07/2017	18.47	PO	ct jumper replacement at padgha end
Lonikand I - Koyna stage-IV	IntraState	24/07/2017	00.51		Continued.	HT	Over Voltage
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.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection
Vita - Mhaishal	IntraState	01/07/2017	14.19		Continued.	PO	Bunching Work
Vita - Miraj	IntraState	01/07/2017	14.53		Continued.	PO	bunching work.
Karad - Sadawagpur I	IntraState	21/07/2017	11.07		Continued.	T	Distance Protection
Kharghar - Nerul	IntraState	23/07/2017	09.21	23/07/2017	18.48	PO	ct replacement at nerul end
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