

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.225	3511.563	1) Gujrat	-1.377	14.397
2) Hydro	15.681	388.233	2) Madhya Pradesh	15.083	260.409
3) Gas	10.663	230.043	3) Chattisgarh	7.220	125.860
Total MSPGCL	175.569	4129.839	4) Maharashtra Net	129.622	3060.607
B) 1) APML	49.328	1107.856	5) Goa (Amona)	-0.638	-14.496
2) JSWEL	23.808	489.155	Total	149.910	3446.777
3) VIPL	7.098	231.459	a) Mumbai Schedule	17.390	576.966
4) RPL(AMT)	9.243	472.879	b) Mumbai Drawl	22.113	639.799
5) WPCL	2.874	81.163	c) MSEDCL Bilateral *	40.860	818.612
6) PGPL	0.000	0.000	Include PX	15.377	127.253
7) Other IPP	3.488	85.285	d) Mumbai Bilateral *	17.390	576.966
C) 1) TPCL Thermal	15.715	364.769	Include PX	3.460	142.526
2) TPCL Hydro	1.762	87.136	Include Standby	0.000	0.000
3) TPCL Gas	4.518	103.444	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.216	263.931	1) MSEDCL	417.273	9788.308
D) STATE			2) Mumbai Discoms	55.324	1459.082
1) Thermal	271.995	6608.060	TOTAL STATE	472.597	11247.390
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	17.443	475.369			
3) Gas (A3+B6+C3)	15.181	333.487			
4) Wind	16.459	347.510			
6) SOLAR	1.609	36.184			
TOTAL STATE	322.687	7800.610			

* 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 21 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	6332	6342	6435	6323
MSPGCL Hydro	780	651	502	607
MSPGCL Gas	426	427	448	450
MSPGCL Total Generation	7538	7420	7385	7380
Central Sector Receipt	6837	7039	5242	5602
WIND	549	578	808	523
CPP / IPP Thermal	3946	3921	4118	4112
CPP / IPP Gas	0	0	0	0
SOLAR	217	226	0	0
Exchange with Mumbai	-832	-888	-1075	-1023
MSEDCL DEMAND MET	18255	18296	16478	16594
Load Shedding	0	0	0	0
MSEDCL DEMAND	18255	18296	16478	16594
TPCL GENERATION	1019	987	892	1010
R-INFRA GENERATION	504	507	502	507
MUMBAI DEMAND	2355	2382	2469	2540
STATE DEMAND MET	20610	20678	18947	19134
STATE DEMAND	20610	20678	18947	19134
Frequency (Hz)	49.97	49.97	49.92	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 18.02 Hrs	49.84 Hz at 04.46 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 23/Apr/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	3.89	80.29	175	150
Unit 8	0.00	248.11	0	0
Unit 9	14.03	272.67	631	498
Unit 10	9.56	108.51	567	168
Total	27.48	709.59		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.09	93.26	175	165
Unit 4	10.64	223.51	495	350
Unit 5	10.65	224.74	500	355
Total	25.38	541.51		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.72	133.94	250	201
Unit 7	5.70	108.92	252	191
Unit 8	4.78	29.31	232	175
Total	16.21	272.17		
Chandrapur				
Unit 3	4.55	100.37	195	168
Unit 4	4.65	107.41	197	189
Unit 5	10.67	200.98	450	440
Unit 6	9.94	227.98	425	400
Unit 7	0.00	0.00	0	0
Unit 8	10.05	201.94	483	354
Unit 9	0.00	147.02	0	0
Total	39.87	985.70		
Paras				
Unit 3	0.00	95.90	0	0
Unit 4	6.02	120.16	258	205
Total	6.02	216.07		
Khaparkheda				
Unit 1	3.68	93.90	180	140
Unit 2	3.62	94.08	165	135
Unit 3	3.69	98.97	165	145
Unit 4	3.60	87.27	165	141
Unit 5	10.65	212.83	460	390
Total	25.23	587.06		
Nasik				
Unit 3	0.00	36.00	0	0
Unit 4	4.52	63.34	201	163
Unit 5	4.52	100.12	201	165
Total	9.04	199.46		
Uran				
All Units	10.66	230.04	455	425
Total	10.66	230.04		
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)	0.00	1.81	0	0
Total	0.00	1.81		
Koyna				
Stage 1-2	5.09	114.32	530	40
Stage 4	5.41	145.08	1000	0
Stage 3	2.52	57.90	240	0
Total	13.02	317.30		
Hydro				
KDPH	0.67	13.97	28	28
VTRNA	0.50	12.28	61	0
TILLARI	0.00	2.41	0	0
BHTGR/VEER	0.03	0.03	2	1
BHIRA T.R.	0.14	4.67	77	0
RNGR+BHTSA	0.29	6.43	13	12
BHANDARDRA	0.48	11.52	41	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.54	10.85	31	19
GHATGHAR	0.00	8.78	0	0
Total	2.66	70.93		
Wind				
Total	16.46	347.51	0	0
Total	16.46	347.51		
CPP				
APML(Mus)	49.33	1107.86	0	0
JSWEL(Mus)	23.81	489.16	0	0
VIPL(Mus)	7.10	231.46	0	0
RPLAMT(Mus)	9.24	472.88	0	0
WPCL(Mus)	2.87	81.16	0	0
Other(Mus)	3.49	85.28	0	0
Total	95.84	2467.80		
SOLAR				
Total	1.61	36.18	0	0
Total	1.61	36.18		
Tata				
Trombay 5	10.18	239.14	495	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.91	66.56	122	120
Trombay 7B	1.61	36.88	68	66
Trombay 8	5.53	125.63	251	200
TATA Hydro	1.76	87.14	208	0
Total	22.00	555.35		
R-INFRA				
DTPS U-1&2	11.22	263.93	508	388
Total	11.22	263.93		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.22	3511.56	MSPGCL Total	175.57	4129.84
			MSPGCL Thml+Gas	159.89	3741.61	Koyna 1,2 & 4 Total	10.50	259.40
			MSPGCL Hydro	15.68	388.23	State Total	322.69	7800.61

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/Apr/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	6004	1686	451	8141	438	4246	0	0	5883	6399	-1066	18158	0	18158	2581	20739	49.94
2	5946	1749	453	8148	457	4151	0	0	5823	5893	-877	17772	0	17772	2373	20145	49.97
3	5918	1439	452	7809	545	3918	0	0	5900	6004	-816	17460	0	17460	2245	19705	49.97
4	5981	1036	453	7470	660	3927	0	0	5692	5729	-716	17070	0	17070	2136	19206	49.94
5	5979	984	451	7414	605	3981	0	0	5681	5911	-661	17250	0	17250	2081	19331	49.94
6	6227	1039	452	7718	718	3992	0	0	5880	5789	-675	17542	0	17542	2096	19638	49.98
7	6336	840	455	7631	622	3990	0	4	6580	6674	-618	18303	0	18303	2036	20339	49.98
8	6326	357	439	7122	469	3977	0	42	6870	6613	-603	17620	0	17620	2017	19637	50.03
9	6316	215	450	6981	604	3969	0	105	6724	6972	-755	17876	0	17876	2072	19948	50.04
10	6306	433	448	7187	519	4026	0	154	6325	6455	-813	17528	0	17528	2146	19674	49.99
11	6343	367	445	7155	539	4003	0	198	6531	6548	-800	17643	0	17643	2297	19940	49.95
12	6332	780	426	7538	549	3946	0	217	6850	6837	-832	18255	0	18255	2355	20610	49.97
13	6342	651	427	7420	578	3921	0	226	7114	7039	-888	18296	0	18296	2382	20678	49.97
14	6333	155	425	6913	706	3928	0	206	7346	7205	-998	17960	0	17960	2345	20305	49.95
15	6311	112	443	6866	848	3900	0	187	7075	7072	-1165	17708	0	17708	2383	20091	49.95
16	6382	164	428	6974	929	3919	0	141	6969	7242	-1173	18032	0	18032	2375	20407	49.98
17	6246	233	432	6911	1011	3885	0	92	6810	6628	-1149	17378	0	17378	2349	19727	50.00
18	5962	167	453	6582	1089	3849	0	34	5904	6070	-1107	16517	0	16517	2310	18827	50.04
19	5807	246	439	6492	1044	3823	0	3	5880	5479	-1056	15785	0	15785	2266	18051	50.01
20	6214	567	445	7226	944	4025	0	0	5227	5378	-1127	16446	0	16446	2401	18847	49.97
21	6435	502	448	7385	808	4118	0	0	5030	5242	-1075	16478	0	16478	2469	18947	49.92
22	6385	516	449	7350	693	4126	0	0	5108	5212	-995	16386	0	16386	2489	18875	49.95
23	6323	607	450	7380	523	4112	0	0	5497	5602	-1023	16594	0	16594	2540	19134	49.94
24	6471	836	449	7756	561	4110	0	0	5816	5917	-1125	17219	0	17219	2580	19799	50.00
MUs	149.22	15.68	10.66	175.57	16.46	95.84	0.00	1.61	148.52	149.91	-22.11	417.27	0.00	417.27	55.32	472.60	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 23/Apr/2017

Position as on 6.30 Hrs of 24/Apr/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,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under 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	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
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	
MSPGCL	Nasik Unit 3	210	09/04/2017	15.50		Continued.	tripped on boiler feed pump problem and continued under zero schedule by MSEDCL	
IPP	VIPL U-1	300	13/04/2017	03.34		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-5	270	15/04/2017	08.59		Continued.	Coal Shortage	
IPP	RPL(AMT) U-4	270	15/04/2017	12.08		Continued.	Coal Shortage	
CPP	SWPGL U-3	135	16/04/2017	00.01	23/04/2017	21.01	Ash Handling Problem.	
MSPGCL	Chandrapur Unit 9	500	16/04/2017	20.10		Continued.	Air preheater problem.	
MSPGCL	Paras Unit 3	250	17/04/2017	07.12		Continued.	Turbine bearing Vabration high	
IPP	Adani U-1	660	18/04/2017	13.12		Continued.	Due to coal shortage.	
IPP	RPL(AMT) U-3	270	19/04/2017	19.30		Continued.	Coal Shortage	
MSPGCL	Koradi Unit-8	660	20/04/2017	13.34		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 24/Apr/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							
Dhule Sar'Sarovar I	InterState	22/04/2017	18.08	23/04/2017	07.56	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	23/04/2017	18.08		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	22/04/2017	18.22	23/04/2017	06.23	HT	Over Voltage
Lonikand 1 - Talegaon(Pgcil)	IntraState	23/04/2017	13.11	23/04/2017	15.58	T	Distance Protection
Bhusawal-Aurangabad	IntraState	23/04/2017	19.51	24/04/2017	05.55	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- II @Warora	IntraState	27/03/2017	12.58		Continued.	PO	Dismantling Work And Will Be Transport At Padgha.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	23/04/2017	08.35	23/04/2017	16.29	PO	Routine Maintenance Work
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.
Ghodbunder MSETCL Boisar line	IntraState	20/04/2017	09.07		Continued.	PO	Stringing of Conductor.
Kalwa Salsette III	IntraState	22/04/2017	22.52	23/04/2017	02.51	PO	Commissioning of UFR
Kalwa-Salsette-IV	IntraState	23/04/2017	03.28	23/04/2017	05.40	T	For Commissioning RPUF.
Khaparkheda-Kanhan	IntraState	23/04/2017	13.51	23/04/2017	14.15	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)
220/132kv 200MVA ICT-III @ Nanded	IntraState	22/04/2017	10.24		Continued.	PO	Oil Filtration of ICT
220/132 Kv 100 Mva Ict 1 @Sawangi	IntraState	23/04/2017	06.23	23/04/2017	14.00	PO	Oil Leakage & Cold Weiding Works.

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