

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Apr/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.036	3288.193	1) Gujrat	-2.164	-55.591
2) Hydro	24.877	394.865	2) Madhya Pradesh	15.720	402.528
3) Gas	10.289	226.873	3) Chattisgarh	5.950	156.190
Total MSPGCL	182.202	3909.931	4) Maharashtra Net	120.763	2912.902
B) 1) APML	54.936	1086.628	5) Goa (Amona)	-0.704	-10.428
2) JSWEL	28.667	498.600	Total	139.565	3405.601
3) VIPL	7.162	132.702	a) Mumbai Schedule	28.472	586.212
4) RPL(AMT)	25.753	547.777	b) Mumbai Drawl	30.424	682.967
5) WPCL	5.573	122.984	c) MSEDCL Bilateral *	25.370	809.111
6) PGPL	0.000	0.000	Include PX	-8.237	74.748
7) Other IPP	12.235	288.174	d) Mumbai Bilateral *	28.472	585.342
C) 1) TPCL Thermal	16.635	354.070	Include PX	11.134	204.073
2) TPCL Hydro	5.896	102.913	Include Standby	0.000	0.870
3) TPCL Gas	4.411	95.090	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.554	257.367	1) MSEDCL	443.237	9702.778
D) STATE			2) Mumbai Discoms	68.920	1492.415
1) Thermal	309.551	6576.495	TOTAL STATE	512.157	11195.193
(A1+C1+C4+(B1-B6))					
2) Hydro	30.773	497.778			
(A2+C2)					
3) Gas	14.700	321.963			
(A3+B6+C3)					
4) Wind	10.804	263.036			
6) SOLAR	6.764	130.312			
TOTAL STATE	372.592	7789.584			

* 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 17 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6345	6410	6403	5577
MSPGCL Hydro	1468	1929	1170	191
MSPGCL Gas	417	419	425	448
MSPGCL Total Generation	8230	8758	7998	6216
Central Sector Receipt	6290	6745	4934	5995
WIND	198	257	478	735
CPP / IPP Thermal	5534	5690	5733	5050
CPP / IPP Gas	0	0	0	0
SOLAR	895	423	4	0
Exchange with Mumbai	-1508	-1533	-1282	-1119
MSEDCL DEMAND MET	19639	20340	17865	16877
Load Shedding	0	0	0	0
MSEDCL DEMAND	19639	20340	17865	16877
TPCL GENERATION	1356	1346	1308	706
R-INFRA GENERATION	497	498	500	376
MUMBAI DEMAND	3361	3377	3090	2201
STATE DEMAND MET	23000	23717	20955	19078
STATE DEMAND	23000	23717	20955	19078
Frequency (Hz)	49.95	49.93	49.93	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 10.00 Hrs	49.61 Hz at 10.44 Hrs	49.94	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/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.34	170.81	501	350
Unit 9	9.87	231.94	454	350
Unit 10	9.88	232.23	452	350
Total	30.09	634.97		
Bhusawal				
Unit 3	3.84	96.91	160	155
Unit 4	11.20	257.91	490	405
Unit 5	11.28	261.53	500	360
Total	26.32	616.35		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	119.46	0	0
Unit 7	5.68	122.22	248	191
Unit 8	5.08	91.91	222	195
Total	10.75	333.59		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	6.04	22.53	455	0
Unit 6	0.00	0.00	0	0
Unit 7	10.67	244.76	457	434
Unit 8	9.14	202.04	420	0
Unit 9	9.91	236.46	479	370
Total	35.75	705.80		
Paras				
Unit 3	5.73	130.75	250	201
Unit 4	5.86	89.58	250	200
Total	11.59	220.33		
Khaparkheda				
Unit 1	3.70	76.16	165	125
Unit 2	4.36	98.84	190	165
Unit 3	1.35	76.98	165	0
Unit 4	4.32	104.16	190	170
Unit 5	10.44	242.34	450	420
Total	24.17	598.47		
Nasik				
Unit 3	0.00	41.67	0	0
Unit 4	4.33	38.04	190	158
Unit 5	4.04	98.98	195	0
Total	8.36	178.69		
Uran				
All Units	10.29	226.87	455	408
Total	10.29	226.87		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.00	1.78	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	1.78		
Koyna				
Stage 1-2	6.26	98.70	525	40
Stage 4	10.80	144.10	1001	0
Stage 3	3.30	53.09	240	0
Total	20.36	295.90		
Hydro				
KDPH	0.86	19.85	36	35
VTRNA	1.05	23.92	60	0
TILLARI	0.42	8.42	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	5.39	40	0
RNGR+BHTSA	0.30	6.58	13	12
BHANDARDRA	0.48	11.30	21	20
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.59	13.60	32	22
GHATGHAR	0.58	9.92	125	0
Total	4.52	98.97		
Wind				
Total	10.80	263.04	0	0
Total	10.80	263.04		
CPP				
APML(Mus)	54.94	1086.63	0	0
JSWEL(Mus)	28.67	498.60	0	0
VIPL(Mus)	7.16	132.70	0	0
RPLAMT(Mus)	25.75	547.78	0	0
WPCL(Mus)	5.57	122.98	0	0
Other(Mus)	12.24	288.17	0	0
Total	134.33	2676.86		
SOLAR				
Total	6.76	130.31	0	0
Total	6.76	130.31		
Tata				
Trombay 5	11.06	233.73	489	317
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.82	59.66	119	115
Trombay 7B	1.59	35.43	67	65
Trombay 8	5.57	120.34	243	206
TATA Hydro	5.90	102.91	459	0
Total	26.94	552.07		
R-INFRA				
DTPS U-1&2	11.55	257.37	502	376
Total	11.55	257.37		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.04	3288.19	MSPGCL Total	182.20	3909.93
			MSPGCL Thml+Gas	157.32	3515.07	Koyna 1,2 & 4 Total	17.06	242.81
			MSPGCL Hydro	24.88	394.86	State Total	372.59	7789.58

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/Apr/2018

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	5794	1123	436	7353	669	5455	0	0	5252	5299	-1188	17588	0	17588	2676	20264	49.96
2	5840	612	437	6889	813	5664	0	0	5226	5771	-1033	18104	0	18104	2492	20596	49.98
3	5902	192	435	6529	821	5431	0	0	5776	5538	-1079	17240	0	17240	2317	19557	49.95
4	5577	191	448	6216	735	5050	0	0	5664	5995	-1119	16877	0	16877	2201	19078	49.96
5	5709	190	437	6336	748	5151	0	0	5504	6287	-1059	17463	0	17463	2141	19604	49.95
6	5949	205	438	6592	639	5370	0	0	5725	6225	-990	17836	0	17836	2168	20004	49.92
7	6091	450	448	6989	285	5689	0	35	5674	6203	-731	18470	0	18470	2204	20674	49.96
8	6032	520	448	7000	189	5700	0	208	5724	6156	-858	18395	0	18395	2343	20738	50.00
9	6030	347	432	6809	192	5684	0	461	5892	6314	-1151	18309	0	18309	2655	20964	49.99
10	6204	791	428	7423	189	5697	0	680	6081	5866	-1398	18457	0	18457	3011	21468	50.00
11	6272	869	411	7552	183	5593	0	807	6350	5876	-1463	18548	0	18548	3256	21804	49.92
12	6345	1468	417	8230	198	5534	0	895	6460	6290	-1508	19639	0	19639	3361	23000	49.95
13	6406	1831	417	8654	177	5568	0	895	6443	6433	-1531	20196	0	20196	3361	23557	49.95
14	6424	1923	409	8756	192	5541	0	849	6344	6144	-1467	20015	0	20015	3285	23300	49.95
15	6428	1852	409	8689	267	5685	0	711	6295	6282	-1530	20104	0	20104	3371	23475	49.88
16	6404	1807	408	8619	261	5713	0	625	6591	6619	-1576	20261	0	20261	3418	23679	49.88
17	6410	1929	419	8758	257	5690	0	423	6320	6745	-1533	20340	0	20340	3377	23717	49.93
18	6429	1715	421	8565	224	5702	0	156	6102	6295	-1425	19517	0	19517	3258	22775	49.96
19	6409	793	425	7627	284	5697	0	15	5385	5478	-1326	17775	0	17775	3090	20865	49.95
20	6403	1170	425	7998	478	5733	0	4	4849	4934	-1282	17865	0	17865	3090	20955	49.93
21	6375	1040	427	7842	757	5738	0	0	4756	4659	-1348	17648	0	17648	2997	20645	49.93
22	6300	682	417	7399	715	5737	0	0	4701	4577	-1269	17159	0	17159	2944	20103	49.92
23	5664	1613	442	7719	742	5750	0	0	4768	4594	-1253	17552	0	17552	2950	20502	49.86
24	5639	1564	455	7658	789	5752	0	0	4830	4985	-1307	17877	0	17877	2954	20831	49.90
MUs	147.04	24.88	10.29	182.20	10.80	134.33	0.00	6.76	136.71	139.57	-30.42	443.24	0.00	443.24	68.92	512.16	49.94

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/2018

Position as on 6.30 Hrs of 24/Apr/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
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	
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	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
MSPGCL	Uran Unit 8	108	25/03/2018	06.25		Continued.	Thrust Bearing Tripped	
IPP	VIPL U-1	300	01/04/2018	00.26		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	10/04/2018	09.58		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	10/04/2018	10.37	23/04/2018	08.32	Air heater problem (Water shortage since 15.04.2018, 22:00Hrs)	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	17/04/2018	20.50		Continued.	PA Fan problem	
MSPGCL	Parli Unit 6	250	22/04/2018	08.50	24/04/2018	02.40	Boiler Validity Exp.	
MSPGCL	Nasik Unit 5	210	22/04/2018	15.30	23/04/2018	01.26	oil top up	
MSPGCL	Khaparkheda Unit 3	210	23/04/2018	08.36		Continued.	Boiler Tube Leakage	
MSPGCL	Koyana Unit 2	70	23/04/2018	09.15	23/04/2018	17.45	Routing Maintenance work.	
MSPGCL	Chandrapur Unit-8	500	23/04/2018	22.13		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Apr/2018

Statement-VII

Position as on 6.30 Hrs of 24/Apr/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe HvdC Pole 2	IntraState	22/04/2018	21.57	23/04/2018	02.18	PO	valve cooling inspection.
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	21/04/2018	18.20		Continued.	HT	Over Voltage (RFC 23/04/2018).
Koradi Satpur	InterState	23/04/2018	08.45	23/04/2018	20.49	PO	PGCIL WORK.
Koradi Satpur	InterState	23/04/2018	08.53	23/04/2018	20.49	PO	Replacement of insulator.
Khadka-Aurangabad (Waluj)	IntraState	22/04/2018	20.38	23/04/2018	10.05	HT	Over Voltage
Koradi-Khaperkheda I	IntraState	23/04/2018	12.57		Continued.	PO	TBC SHIFTING ON BUS 02.
Jaigad-New Koyna Ckt-II	IntraState	23/04/2018	14.58	23/04/2018	19.57	PO	INSULATOR WASHING WORK.
Ektuni-Bableshwar ckt I	IntraState	23/04/2018	18.44	24/04/2018	03.08	EO	ATTENDING GAS LEKAGE.
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	31/03/2018	21.21		Continued.	HT	hand tripped after charge.
400/220 KV 500MVA ICT II @ Nanded	IntraState	23/04/2018	08.02	23/04/2018	13.52	PO	TAKING ICT 02 IN RRS.
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	23/04/2018	17.32	24/04/2018	00.01	PO	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 jumper 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 jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kalwa - Borivali	IntraState	22/04/2018	07.13		Continued.	PO	providing bunching at loc 16 to form new line as Kalwa Bhandup.
Mulund - GIS Bhandup	IntraState	22/04/2018	07.13		Continued.	PO	providing bunching at loc 16 to form new line as Kalwa Bhandup.
Chandrapur GCR - Sicom I	IntraState	23/04/2018	06.30	23/04/2018	09.38	PO	Attending Hot Spot
Apta - Taloja	IntraState	23/04/2018	10.01	23/04/2018	17.09	PO	Routine Maintenance Work
Chinchwad-Hinjewadi I	IntraState	23/04/2018	10.08	23/04/2018	20.40	HT	Control Load Of Urse Line.
Loteparshuram- Dasturi Line	IntraState	23/04/2018	10.15	23/04/2018	15.30	PO	Routine Maintenance Work
New Koyna - Loteparshuram	IntraState	23/04/2018	15.43	23/04/2018	20.45	PO	Routine Maintenance Work
Kharghar-Borivali ckt II	IntraState	23/04/2018	17.35	23/04/2018	19.51	HT	SAFETY PUPOSE.
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	23/04/2018	17.52	23/04/2018	19.52	PO	Attending Hot Spot
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(repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/33kv 100MVA Transformer 1 @Versova R/S	IntraState	18/04/2018	17.34		Continued.	HT	Buchholz Alarm

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