

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/May/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	158.666	1877.962	1) Gujrat	2.886	8.811
2) Hydro	41.275	481.606	2) Madhya Pradesh	7.650	135.210
3) Gas	6.813	89.235	3) Chattisgarh	3.630	58.730
Total MSPGCL	206.754	2448.803	4) Maharashtra	115.119	1591.839
B) 1) APLM	66.361	914.882	5) Goa (Amona)	-0.528	-6.248
2) JSWEL	25.830	289.916	Total	128.757	1788.342
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.294	367.117
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	31.351	423.501
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	15.842	186.283
6) Other IPP	9.142	97.212	Include PX	-4.836	-59.510
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.294	367.117
C) 1) TPCL Thermal	14.302	169.366	Include PX	12.221	230.880
2) TPCL Hydro	5.510	49.228	Standby	0.000	0.000
3) TPCL Gas	4.350	55.826	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.236	122.684	1) MSEDCL	434.090	5529.987
D) STATE			2) Mumbai Discoms	65.749	820.598
1) Thermal	284.537	3472.022	TOTAL STATE	499.839	6350.585
(A1+C1+C4+(B1-B6))					
2) Hydro	46.785	530.834			
(A2+C2)					
3) Gas	11.163	145.061			
(A3+B7+C3)					
4) Wind	21.304	323.000			
6) SOLAR	7.293	91.333			
TOTAL STATE	371.082	4562.250			

* 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 16 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6691	6920	6837	6108
MSPGCL Hydro	1885	2001	1923	1546
MSPGCL Gas	277	279	286	287
MSPGCL Total Generation	8853	9200	9046	7941
Central Sector Receipt	6320	6076	4841	5137
WIND	430	669	995	989
CPP / IPP Thermal	4061	4172	4081	4073
CPP / IPP Gas	0	0	0	0
SOLAR	953	623	0	0
Exchange with Mumbai	-1538	-1460	-1051	-1022
MSEDCL DEMAND MET	19079	19280	17912	17118
Load Shedding	0	0	0	0
MSEDCL DEMAND	19079	19280	17912	17118
TPCL GENERATION	1238	1299	1146	707
AEML GENERATION	497	498	493	374
MUMBAI DEMAND	3273	3257	2690	2103
STATE DEMAND MET	22352	22537	20602	19221
STATE DEMAND	22352	22537	20602	19221
Frequency (Hz)	49.90	50.05	50.07	49.88

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.02 Hrs	49.79 Hz at 11.40 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 13/May/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.02	10.15	17	0
Unit 7	0.00	0.00	0	0
Unit 8	10.96	138.10	500	400
Unit 9	11.38	108.76	545	383
Unit 10	11.86	140.40	531	447
Total	34.21	397.41		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.83	106.65	500	240
Unit 5	11.26	130.08	500	355
Total	22.09	236.72		
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	4.59	43.22	196	165
Unit 4	4.11	53.62	173	164
Unit 5	9.72	59.86	415	365
Unit 6	10.47	131.69	455	370
Unit 7	9.40	124.34	440	332
Unit 8	8.19	134.93	470	0
Unit 9	10.36	124.38	480	380
Total	56.85	672.03		
Paras				
Unit 3	6.10	72.58	258	253
Unit 4	5.88	73.38	251	180
Total	11.98	145.95		
Khaparkheda				
Unit 1	3.33	31.97	145	120
Unit 2	3.22	45.36	140	120
Unit 3	3.45	49.26	152	140
Unit 4	3.38	49.46	142	137
Unit 5	11.05	141.47	475	434
Total	24.43	317.51		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.70	54.64	210	160
Unit 5	4.42	53.69	195	164
Total	9.11	108.33		
Uran				
All Units	6.81	89.24	297	268
Total	6.81	89.24		
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)	0.12	1.04	20	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.12	1.04		
Koyna				
Stage 1-2	7.52	93.20	525	80
Stage 4	23.08	265.28	1010	865
Stage 3	6.81	78.47	320	222
Total	37.41	436.95		
Hydro				
KDPH	0.65	9.17	27	26
VTRNA	0.74	10.42	61	0
TILLARI	0.36	5.47	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	2.38	40	0
RNGR+BHTSA	0.25	3.27	11	10
BHANDARDRA	0.11	2.36	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.41	4.68	18	17
GHATGHAR	1.20	6.90	250	0
Total	3.86	44.65		
Wind				
Total	21.30	323.00	0	0
Total	21.30	323.00		
CPP				
APML(Mus)	66.36	914.88	0	0
JSWEL(Mus)	25.83	289.92	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	9.14	97.21	0	0
Total	101.33	1302.01		
SOLAR				
Total	7.29	91.33	0	0
Total	7.29	91.33		
Tata				
Trombay 5	9.17	105.65	480	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	35.51	116	113
Trombay 7B	1.57	20.31	66	65
Trombay 8	5.13	63.72	235	198
TATA Hydro	5.51	49.23	459	0
Total	24.16	274.42		
AEML				
DTPS U-1&2	10.24	122.68	499	374
Total	10.24	122.68		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	158.67	1877.96	MSPGCL Total	206.75	2448.80
			MSPGCL Thml+Gas	165.48	1967.20	Koyna 1,2 & 4 Total	30.60	358.48
			MSPGCL Hydro	41.28	481.61	State Total	371.08	4562.25

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/May/2019

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	6411	1759	287	8457	1634	4509	0	0	5029	4853	-1433	18020	0	18020	2567	20587	50.00
2	6441	1769	297	8507	1366	4523	0	0	4920	4474	-1315	17555	0	17555	2403	19958	50.01
3	6238	1681	287	8206	1364	4440	0	0	5081	4579	-1177	17412	0	17412	2247	19659	50.02
4	6074	1829	287	8190	1280	4155	0	0	4989	4617	-1068	17174	0	17174	2140	19314	49.93
5	6108	1546	287	7941	989	4073	0	0	4955	5137	-1022	17118	0	17118	2103	19221	49.88
6	6367	1421	288	8076	849	4270	0	0	5186	5420	-1063	17552	0	17552	2134	19686	49.96
7	6545	1414	289	8248	751	4647	0	55	5337	5542	-1050	18193	0	18193	2121	20314	50.02
8	6186	1672	287	8145	456	4481	0	260	5286	5387	-1114	17615	0	17615	2253	19868	50.01
9	6285	1719	284	8288	493	4500	0	538	5426	5478	-1360	17937	0	17937	2557	20494	50.03
10	6425	1851	284	8560	443	4389	0	745	5656	5637	-1538	18236	0	18236	2899	21135	50.02
11	6520	1564	281	8365	503	4164	0	885	6172	6026	-1538	18405	0	18405	3158	21563	49.97
12	6691	1885	277	8853	430	4061	0	953	6230	6320	-1538	19079	0	19079	3273	22352	49.90
13	6834	1979	268	9081	433	4103	0	958	6101	6168	-1533	19210	0	19210	3276	22486	49.94
14	6877	1639	276	8792	541	4084	0	926	6082	6026	-1469	18900	0	18900	3174	22074	49.94
15	6879	2079	279	9237	653	4115	0	779	6032	5796	-1469	19111	0	19111	3242	22353	49.97
16	6920	2001	279	9200	669	4172	0	623	6041	6076	-1460	19280	0	19280	3257	22537	50.05
17	6874	2064	280	9218	903	4123	0	367	5822	5706	-1417	18900	0	18900	3214	22114	50.00
18	6879	1616	282	8777	1275	4058	0	177	5437	5471	-1311	18447	0	18447	3114	21561	50.07
19	6905	1545	284	8734	1041	4074	0	27	4733	4782	-1335	17323	0	17323	2906	20229	50.06
20	6885	1488	285	8658	1158	4091	0	0	5044	5201	-1371	17737	0	17737	2850	20587	50.04
21	6859	1462	286	8607	973	4080	0	0	4895	4869	-1295	17234	0	17234	2763	19997	50.05
22	6837	1923	286	9046	995	4081	0	0	4724	4841	-1051	17912	0	17912	2690	20602	50.07
23	6827	1662	286	8775	985	4084	0	0	5151	5165	-1181	17828	0	17828	2695	20523	50.00
24	6799	1707	287	8793	1120	4056	0	0	5281	5186	-1243	17912	0	17912	2713	20625	50.00
MUs	158.67	41.28	6.81	206.75	21.30	101.33	0.00	7.29	129.61	128.76	-31.35	434.09	0.00	434.09	65.75	499.84	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 13/May/2019

Position as on 6.30 Hrs of 14/May/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn Due To B0 & U-7	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Zero Schedule.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	
MSPGCL	Nasik Unit 3	210	19/04/2019	12.22	14/05/2019	00:22	Boiler Tube Leakage(Converted for Zero Schedule from 00.00Hrs DT.22-04-2019)	
IPP	RPL(AMT) U-1	270	20/04/2019	00.01		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	21/04/2019	00.01		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-2	270	24/04/2019	00.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	30/04/2019	17.00		Continued.	Zero Schedule	
MSPGCL	Parli Unit 8	250	01/05/2019	00.00		Continued.	Zero Schedule	
MSPGCL	Koradi Unit 6	210	12/05/2019	22.40	13/05/2019	23.13	Flame Failure	
MSPGCL	Chandrapur Unit-8	500	13/05/2019	06.52	13/05/2019	10.33	Primary Water Temperature problem	
IPP	Adani U-1	660	13/05/2019	10.24		Continued.	APH-A Hot PA Bellow Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/May/2019

Statement-VII

Position as on 6.30 Hrs of 14/May/2019

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	03/05/2019	17.23		Continued.	EO	To rectify trip CKT faulty (RFC 20.40).
Dhule Khandwa I	InterState	12/05/2019	09.30		Continued.	PO	Work At Khandwa End.
Khadka-Aurangabad (Waluj)	IntraState	11/05/2019	17.34	13/05/2019	09.11	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	13/05/2019	04.55	13/05/2019	14.34	T	Distance Protection Kharghar End.
Kalwa - Kharghar	IntraState	13/05/2019	06.30	13/05/2019	07.05	T	Distance Protection Kharghar End.
Chandrapur-II - Nanded ckt II	IntraState	13/05/2019	09.24	13/05/2019	18.41	PO	Line Maintenance work
Khadka-Aurangabad (Waluj)	IntraState	13/05/2019	18.33		Continued.	HT	Over Voltage
Kalwa - Talegaon(PG)	IntraState	14/05/2019	06.06		Continued.	PO	Chemical Treatment on Insulator
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	26/03/2019	11.02	13/05/2019	14.34	PO	Overhauling work
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 Are Damaged.
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.
PARLY (PG) - OSMANABAD	InterState	13/05/2019	10.23	13/05/2019	17.25	PO	Vibration Damper Fixing work
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	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading.
khaparkheda-Khaparkheda(new)-I	IntraState	13/05/2019	08.27	13/05/2019	11.30	PO	Testing Work
Chikhli-Jalna-I	IntraState	13/05/2019	08.30	13/05/2019	16.43	PO	Testing Work
Karad - Vita Ckt- II	IntraState	13/05/2019	11.03	13/05/2019	18.17	PO	Restrining of Conductor
Maisal-Jath I	IntraState	13/05/2019	12.05	13/05/2019	13.25	PO	Testing Work
Nagothane - Ipcl	IntraState	13/05/2019	12.08	13/05/2019	20.31	PO	CC Replacement
Aurangabad (waluj)-Taptitanda ckt-2	IntraState	13/05/2019	14.06	13/05/2019	19.08	T	Distance Protection B Phase
Dhule-Amalner(220kv)	IntraState	13/05/2019	15.33	13/05/2019	18.38	T	Distance Protection
Kalwa - Airoli Knowledge Park	IntraState	13/05/2019	15.43	13/05/2019	18.22	PO	Washing of Insulator
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.
220/100 Kv 200 MVA ICT-I @Borivali	IntraState	13/05/2019	08.34	13/05/2019	19.45	PO	OLTC Overhauling work
220/110 Kv 200 Mva Vel Ptr 2 @Kolhapur-Ii (Mudshingi)	IntraState	13/05/2019	09.10	13/05/2019	16.30	EO	To attend Hot Spot
220/132 Kv 200 Mva Cgl Ict 1 @Raymond (Nasik 2)	IntraState	13/05/2019	09.11	13/05/2019	17.01	PO	Testing Work
220/132 kv 100 MVA ICT @ Anjangaon	IntraState	13/05/2019	10.13	13/05/2019	16.26	PO	Premansoon Maint.work
220/132kv 115mva Bhel Ptr 3 @Lonand	IntraState	13/05/2019	10.18	13/05/2019	11.45	PO	Premansoon maint.work
220/110 Kv 200 Mva Vel Ptr 1	IntraState	13/05/2019	16.34	13/05/2019	17.40	EO	To attend Hot Spot

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 13/May/2019

Statement-VII

Position as on 6.30 Hrs of 14/May/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Kolhapur-li (Mudshingi)							
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	07/03/2019	15.40		Continued.	HT	Hand trip From Pench end for system requirement.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.