

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/May/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.016	1888.283	1) Gujrat	-2.262	-52.554
2) Hydro	22.933	394.923	2) Madhya Pradesh	15.369	218.646
3) Gas	7.120	99.365	3) Chattisgarh	6.760	95.800
Total MSPGCL	174.069	2382.571	4) Maharashtra Net	132.243	1686.983
B) 1) APML	45.942	517.596	5) Goa (Amona)	-0.198	-6.006
2) JSWEL	27.244	361.764	Total	151.912	1942.869
3) VIPL	5.068	65.911	a) Mumbai Schedule	27.068	373.087
4) RPL(AMT)	13.326	207.303	b) Mumbai Drawl	27.219	388.061
5) WPCL	3.879	53.649	c) MSEDCL Bilateral *	43.117	544.877
6) PGPL	0.000	0.000	Include PX	8.207	95.561
7) Other IPP	9.257	130.360	d) Mumbai Bilateral *	27.068	373.087
C) 1) TPCL Thermal	16.258	216.793	Include PX	11.788	149.500
2) TPCL Hydro	1.127	63.149	Include Standby	0.000	0.000
3) TPCL Gas	2.435	36.515	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.837	151.565	1) MSEDCL	425.853	5606.915
D) STATE			2) Mumbai Discoms	58.876	856.067
1) Thermal	276.827	3593.224	TOTAL STATE	484.729	6462.982
(A1+C1+C4+(B1-B6))					
2) Hydro	24.060	458.072			
(A2+C2)					
3) Gas	9.555	135.880			
(A3+B6+C3)					
4) Wind	16.545	251.658			
6) SOLAR	5.830	81.295			
TOTAL STATE	332.817	4520.129			

* 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 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6112	6087	6352	5494
MSPGCL Hydro	786	1222	480	1832
MSPGCL Gas	294	286	301	308
MSPGCL Total Generation	7192	7595	7133	7634
Central Sector Receipt	6781	7596	5663	5543
WIND	479	443	1185	593
CPP / IPP Thermal	4336	4345	4401	4359
CPP / IPP Gas	0	0	0	0
SOLAR	738	498	0	0
Exchange with Mumbai	-1119	-1211	-1212	-952
MSEDCL DEMAND MET	18407	19266	17170	17177
Load Shedding	0	0	0	0
MSEDCL DEMAND	18407	19266	17170	17177
TPCL GENERATION	813	858	919	798
R-INFRA GENERATION	500	497	496	499
MUMBAI DEMAND	2432	2566	2627	2249
STATE DEMAND MET	20839	21832	19797	19426
STATE DEMAND	20839	21832	19797	19426
Frequency (Hz)	49.93	49.99	50.04	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 17.01 Hrs	49.79 Hz at 00.05 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 13/May/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	10.09	107.84	499	251
Unit 9	10.88	110.44	500	400
Unit 10	9.14	105.35	451	340
Total	30.12	323.62		
Bhusawal				
Unit 3	4.57	57.27	195	170
Unit 4	7.83	136.20	470	240
Unit 5	3.70	136.20	425	0
Total	16.10	329.67		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.71	65.99	250	190
Unit 7	5.67	66.43	248	194
Unit 8	3.98	59.83	233	0
Total	15.35	192.25		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	7.58	126.53	460	0
Unit 6	0.00	0.00	0	0
Unit 7	10.70	80.85	452	435
Unit 8	7.73	125.63	335	300
Unit 9	7.94	125.36	355	320
Total	33.95	458.38		
Paras				
Unit 3	5.85	72.41	250	237
Unit 4	5.79	68.86	250	215
Total	11.64	141.27		
Khaparkheda				
Unit 1	3.71	47.68	165	140
Unit 2	4.29	50.22	180	160
Unit 3	4.38	50.92	205	165
Unit 4	4.26	50.71	190	160
Unit 5	11.26	131.88	500	440
Total	27.91	331.40		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.52	56.37	196	168
Unit 5	4.44	55.32	195	167
Total	8.96	111.69		
Uran				
All Units	7.12	99.36	308	285
Total	7.12	99.36		
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	0.64	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.64		
Koyna				
Stage 1-2	6.60	96.99	535	45
Stage 4	10.48	197.38	1000	0
Stage 3	4.02	64.20	320	24
Total	21.10	358.57		
Hydro				
KDPH	0.74	10.17	31	30
VTRNA	0.00	0.00	0	0
TILLARI	0.00	2.63	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	3.51	80	0
RNGR+BHTSA	0.27	3.59	12	11
BHANDARDRA	0.49	6.31	43	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.11	5.61	13	2
GHATGHAR	0.00	4.53	0	0
Total	1.84	36.35		
Wind				
Total	16.54	251.66	0	0
Total	16.54	251.66		
CPP				
APML(Mus)	45.94	517.60	0	0
JSWEL(Mus)	27.24	361.76	0	0
VIPL(Mus)	5.07	65.91	0	0
RPLAMT(Mus)	13.33	207.30	0	0
WPCL(Mus)	3.88	53.65	0	0
Other(Mus)	9.26	130.36	0	0
Total	104.72	1336.58		
SOLAR				
Total	5.83	81.30	0	0
Total	5.83	81.30		
Tata				
Trombay 5	10.66	144.01	490	329
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.36	21.08	69	54
Trombay 7B	1.08	15.44	51	44
Trombay 8	5.60	72.78	241	214
TATA Hydro	1.13	63.15	141	21
Total	19.82	316.46		
R-INFRA				
DTPS U-1&2	11.84	151.56	502	438
Total	11.84	151.56		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.02	1888.28	MSPGCL Total	174.07	2382.57
			MSPGCL Thml+Gas	151.14	1987.65	Koyna 1,2 & 4 Total	17.08	294.37
			MSPGCL Hydro	22.93	394.92	State Total	332.82	4520.13

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/May/2018

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	5423	1520	304	7247	1125	4360	0	0	5436	6125	-1299	17558	0	17558	2742	20300	49.94
2	5466	1794	296	7556	1183	4344	0	0	5305	5566	-1184	17465	0	17465	2569	20034	49.98
3	5466	1811	306	7583	810	4331	0	0	5311	5672	-1119	17277	0	17277	2431	19708	49.93
4	5466	1811	307	7584	634	4337	0	0	5303	5639	-1035	17159	0	17159	2315	19474	49.97
5	5494	1832	308	7634	593	4359	0	0	5248	5543	-952	17177	0	17177	2249	19426	49.93
6	5579	1900	298	7777	504	4406	0	0	5753	5908	-941	17654	0	17654	2240	19894	49.92
7	5792	1571	308	7671	465	4564	0	40	6152	6148	-850	18038	0	18038	2149	20187	49.93
8	5967	1019	308	7294	365	4550	0	214	5993	6174	-838	17759	0	17759	2135	19894	50.00
9	6072	697	303	7072	263	4335	0	407	5809	6047	-876	17248	0	17248	2183	19431	49.98
10	6052	634	292	6978	221	4342	0	585	5923	6300	-941	17485	0	17485	2253	19738	49.97
11	6110	523	289	6922	326	4347	0	730	6131	6370	-1024	17671	0	17671	2340	20011	49.94
12	6112	786	294	7192	479	4336	0	738	6791	6781	-1119	18407	0	18407	2432	20839	49.93
13	6254	505	285	7044	384	4332	0	783	7299	7426	-1122	18847	0	18847	2471	21318	49.95
14	6115	565	294	6974	395	4343	0	757	6920	7215	-1119	18565	0	18565	2464	21029	49.96
15	6086	1148	285	7519	446	4353	0	629	6989	7235	-1154	19028	0	19028	2523	21551	49.96
16	6087	1222	286	7595	443	4345	0	498	7234	7596	-1211	19266	0	19266	2566	21832	49.99
17	6269	891	296	7456	762	4397	0	309	7072	7328	-1182	19070	0	19070	2543	21613	50.07
18	6323	330	299	6952	606	4289	0	125	6193	6938	-1151	17759	0	17759	2450	20209	50.04
19	6093	218	290	6601	515	4271	0	15	5626	6483	-1306	16579	0	16579	2408	18987	50.04
20	6290	680	301	7271	669	4336	0	0	5624	6091	-1295	17072	0	17072	2548	19620	50.02
21	6352	480	301	7133	1185	4401	0	0	5796	5663	-1212	17170	0	17170	2627	19797	50.04
22	6456	181	289	6926	1345	4336	0	0	5984	5711	-1309	17009	0	17009	2649	19658	50.00
23	6392	285	295	6972	1463	4347	0	0	5906	5913	-1482	17213	0	17213	2733	19946	50.00
24	6300	530	286	7116	1364	4349	0	0	5994	6040	-1498	17371	0	17371	2856	20227	50.04
MUs	144.02	22.93	7.12	174.07	16.55	104.72	0.00	5.83	145.79	151.91	-27.22	425.85	0.00	425.85	58.88	484.73	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 13/May/2018

Position as on 6.30 Hrs of 14/May/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	
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	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 (Coal Shortage since 22.04.2018)	
IPP	Adani U-5	660	24/04/2018	08.53		Continued.	Bottom Ash problem	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-2	270	06/05/2018	18.00		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 5	500	11/05/2018	22.15	13/05/2018	05.40	Water Shortage	
MSPGCL	Uran Unit B0	120	12/05/2018	19.16		Continued.	Due To Unit 7 Outage.	
MSPGCL	Uran Unit 7	108	12/05/2018	19.30		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 5	500	13/05/2018	00.08	13/05/2018	06.27	Flame Failure	
MSPGCL	Bhusawal Unit 5	500	13/05/2018	12.43	13/05/2018	16.00	boiler feed pump.	
MSPGCL	Parli Unit 8	250	13/05/2018	19.54	14/05/2018	00.53	Drum level high.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/May/2018

Statement-VII

Position as on 6.30 Hrs of 14/May/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							
HVDC Pole-I	IntraState	12/05/2018	21.49	13/05/2018	06.53	PO	Line Maintenance work
Chandrapur - Padghe Hvdc Pole 2	IntraState	14/05/2018	16.29	14/05/2018	20.25	T	reduced voltage.
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	11/05/2018	18.52	14/05/2018	09.18	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	14/05/2018	18.11		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	12/05/2018	20.37	14/05/2018	07.27	HT	Over Voltage
Parly(MS)- Nanded ckt I	IntraState	13/05/2018	07.08	13/05/2018	11.36	EO	fixing of corona ring.
Nagothane - Dabhol-II	IntraState	13/05/2018	07.36	13/05/2018	19.51	PO	hill cutting.
Koradi-India Bulls	IntraState	13/05/2018	10.05	13/05/2018	15.45	PO	to attend breaker close/open problem.
Girwali- Lonikand 2	IntraState	13/05/2018	11.40	13/05/2018	13.18	T	Distance Protection
Lonikand2-Lonikand1 (Intrconector)	IntraState	14/05/2018	10.17	14/05/2018	18.08	PO	Routine Maintenance Work
Khadka-Aurangabad (Waluj)	IntraState	14/05/2018	19.42		Continued.	HT	Over Voltage
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.
400/220KV 315MVA ICT-II @Akola	IntraState	13/05/2018	10.10	13/05/2018	10.20	PO	hv side isolator tightening work.
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.
Nasik Navsari II	InterState	14/05/2018	11.28	14/05/2018	11.50	T	Distance Protection
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.
Sonkhar - Trombay	IntraState	12/05/2018	06.23	13/05/2018	22.36	PO	Conductor Replacement Work.
Pophali - Nerale	IntraState	13/05/2018	10.00	13/05/2018	18.40	PO	Routine Maintenance Work
Ghatghar - Jindal	IntraState	13/05/2018	10.14	13/05/2018	15.10	PO	Routine Maintenance Work
Pirangut - Hinjawadi 2	IntraState	13/05/2018	17.30	13/05/2018	22.30	T	Distance Protection
Butibori-Butibori Rly Tss	IntraState	14/05/2018	10.55	14/05/2018	12.07	T	Distance Protection
Butibori-Abhijeet	IntraState	14/05/2018	10.55	14/05/2018	13.36	T	Distance Protection
Koradi-Butibori Rly Tss	IntraState	14/05/2018	10.55	14/05/2018	12.07	T	Distance Protection
Nagothane-Wadkhal II	IntraState	14/05/2018	11.39		Continued.	PO	insulator replacement work.
Gangapur-Valve	IntraState	14/05/2018	12.26	14/05/2018	17.12	PO	DIGONOSTIC TESTING WORK.
Talandge(400)- Mudshingi 2 Line	IntraState	14/05/2018	15.22	14/05/2018	17.42	PO	Quarterly Maintainance Work
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)
220/132 kv 200MVA ICT II @ Girwali	IntraState	14/05/2018	12.51	14/05/2018	14.15	PO	CTR INDICATION ATTENDING WORK.
132 KV LINE Outages/Trippings							
Kandhar -Mukhed	IntraState	12/05/2018	15.30	14/05/2018	12.05	PO	CKT FAULTY INDICATION RECEIVED.

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/2018

Statement-VII

Position as on 6.30 Hrs of 14/May/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Amravati-Akola	IntraState	12/05/2018	19.02	13/05/2018	14.40	T	Distance Protection
Midc Akola-Durgwada	IntraState	13/05/2018	12.32	13/05/2018	14.05	T	Distance Protection
Akola-Midc Akola	IntraState	13/05/2018	12.32	13/05/2018	13.09	T	Distance Protection