

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/May/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.368	144.368	1) Gujrat	-3.658	-3.658
2) Hydro	5.094	5.094	2) Madhya Pradesh	10.105	10.105
3) Gas	7.904	7.904	3) Chattisgarh	6.390	6.390
Total MSPGCL	157.366	157.366	4) Maharashtra Net	129.480	129.480
B) 1) APML	43.009	43.009	5) Goa (Amona)	-0.616	-0.616
2) JSWEL	20.369	20.369	Total	141.701	141.701
3) VIPL	13.671	13.671	a) Mumbai Schedule	19.906	19.906
4) RPL(AMT)	11.794	11.794	b) Mumbai Drawl	24.110	24.110
5) WPCL	2.503	2.503	c) MSEDCL Bilateral *	39.820	39.820
6) PGPL	0.000	0.000	Include PX	21.787	21.787
7) Other IPP	2.698	2.698	d) Mumbai Bilateral *	19.906	19.906
C) 1) TPCL Thermal	14.135	14.135	Include PX	0.058	0.058
2) TPCL Hydro	1.108	1.108	Include Standby	0.000	0.000
3) TPCL Gas	4.502	4.502	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.127	11.127	1) MSEDCL	380.349	380.349
D) STATE			2) Mumbai Discoms	54.982	54.982
1) Thermal	263.674	263.674	TOTAL STATE	435.331	435.331
(A1+C1+C4+(B1-B6))					
2) Hydro	6.202	6.202			
(A2+C2)					
3) Gas	12.406	12.406			
(A3+B6+C3)					
4) Wind	9.691	9.691			
6) SOLAR	1.657	1.657			
TOTAL STATE	293.630	293.630			

* 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	6171	6342	5829	5900
MSPGCL Hydro	275	238	218	118
MSPGCL Gas	290	288	444	301
MSPGCL Total Generation	6736	6868	6491	6319
Central Sector Receipt	6535	6157	5044	6055
WIND	65	250	790	484
CPP / IPP Thermal	3863	4121	4129	3786
CPP / IPP Gas	0	0	0	0
SOLAR	235	155	0	0
Exchange with Mumbai	-1263	-988	-1238	-738
MSEDCL DEMAND MET	16171	16563	15216	15906
Load Shedding	30	123	0	44
MSEDCL DEMAND	16201	16686	15216	15950
TPCL GENERATION	721	973	788	765
R-INFRA GENERATION	411	507	504	452
MUMBAI DEMAND	2395	2468	2530	1955
STATE DEMAND MET	18566	19031	17746	17861
STATE DEMAND	18596	19154	17746	17905
Frequency (Hz)	49.93	49.98	49.99	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 18.00 Hrs	49.82 Hz at 12.18 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 01/May/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	3.73	3.73	162	150
Unit 8	11.03	11.03	480	424
Unit 9	9.11	9.11	402	350
Unit 10	11.24	11.24	610	303
Total	35.12	35.12		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.00	4.00	180	160
Unit 4	8.81	8.81	460	350
Unit 5	8.90	8.90	470	350
Total	21.70	21.70		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.66	5.66	250	200
Unit 7	5.53	5.53	248	194
Unit 8	0.00	0.00	0	0
Total	11.18	11.18		
Chandrapur				
Unit 3	4.38	4.38	190	165
Unit 4	0.00	0.00	0	0
Unit 5	10.50	10.50	450	380
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.62	10.62	490	344
Unit 9	10.28	10.28	482	345
Total	35.77	35.77		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Total	0.00	0.00		
Khaparkheda				
Unit 1	4.16	4.16	180	160
Unit 2	4.10	4.10	180	150
Unit 3	4.41	4.41	200	160
Unit 4	4.24	4.24	189	152
Unit 5	10.78	10.78	500	380
Total	27.70	27.70		
Nasik				
Unit 3	4.36	4.36	195	170
Unit 4	4.26	4.26	201	165
Unit 5	4.27	4.27	202	162
Total	12.89	12.89		
Uran				
All Units	7.90	7.90	447	277
Total	7.90	7.90		
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	0.00	0	0
Total	0.00	0.00		
Koyna				
Stage 1-2	1.06	1.06	50	40
Stage 4	0.60	0.60	250	0
Stage 3	0.41	0.41	80	0
Total	2.08	2.08		
Hydro				
KDPH	0.62	0.62	26	25
VTRNA	0.63	0.63	61	0
TILLARI	0.12	0.12	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.06	0.06	33	0
RNGR+BHTSA	0.33	0.33	15	13
BHANDARDRA	0.45	0.45	39	10
ELDARY	0.24	0.24	10	9
SMLHY_PTN	0.46	0.46	27	16
GHATGHAR	0.10	0.10	55	0
Total	3.02	3.02		
Wind				
Total	9.69	9.69	0	0
Total	9.69	9.69		
CPP				
APML(Mus)	43.01	43.01	0	0
JSWEL(Mus)	20.37	20.37	0	0
VIPL(Mus)	13.67	13.67	0	0
RPLAMT(Mus)	11.79	11.79	0	0
WPCL(Mus)	2.50	2.50	0	0
Other(Mus)	2.70	2.70	0	0
Total	94.04	94.04		
SOLAR				
Total	1.66	1.66	0	0
Total	1.66	1.66		
Tata				
Trombay 5	8.95	8.95	485	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.90	2.90	122	118
Trombay 7B	1.60	1.60	67	66
Trombay 8	5.18	5.18	243	201
TATA Hydro	1.11	1.11	169	0
Total	19.74	19.74		
R-INFRA				
DTPS U-1&2	11.13	11.13	508	389
Total	11.13	11.13		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.37	144.37	MSPGCL Total	157.37	157.37
			MSPGCL Thml+Gas	152.27	152.27	Koyna 1,2 & 4 Total	1.66	1.66
			MSPGCL Hydro	5.09	5.09	State Total	293.63	293.63

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/May/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	6233	449	301	6983	378	3876	0	0	5397	6017	-939	16316	30	16346	2413	18758	49.92
2	6213	449	303	6965	455	3766	0	0	5448	5855	-799	16242	68	16310	2215	18525	49.95
3	6048	303	301	6652	563	3857	0	0	5424	5535	-703	15904	61	15965	2119	18084	49.98
4	6035	179	303	6517	438	3863	0	0	5619	5632	-608	15842	44	15886	2024	17910	50.00
5	5900	118	301	6319	484	3786	0	0	6320	6055	-738	15906	44	15950	1955	17905	49.96
6	5943	128	313	6384	488	3727	0	0	6652	6749	-862	16486	40	16526	1958	18484	50.00
7	6173	123	303	6599	395	3946	0	8	6607	6656	-739	16865	33	16898	1938	18836	50.02
8	5976	144	313	6433	329	3917	0	47	6448	6098	-783	16041	34	16075	1939	18014	50.01
9	5971	209	312	6492	228	3725	0	104	6014	5932	-947	15534	47	15581	2033	17614	50.00
10	5829	194	307	6330	195	3651	0	167	5979	5749	-932	15160	43	15203	2101	17304	50.00
11	5911	283	283	6477	106	3678	0	190	5990	6298	-1173	15576	30	15606	2290	17896	49.99
12	6171	275	290	6736	65	3863	0	235	6479	6535	-1263	16171	30	16201	2395	18596	49.93
13	6226	139	287	6652	59	4056	0	224	6476	6741	-1162	16570	60	16630	2433	19063	49.92
14	6263	127	303	6693	94	4045	0	210	6279	6478	-1193	16327	35	16362	2417	18779	49.96
15	6317	127	277	6721	142	3994	0	180	6028	6309	-1066	16280	0	16280	2465	18745	49.90
16	6342	238	288	6868	250	4121	0	155	5737	6157	-988	16563	123	16686	2468	19154	49.98
17	6231	245	292	6768	425	4054	0	96	5698	5669	-1039	15973	38	16011	2428	18439	50.02
18	5832	194	315	6341	512	3827	0	38	5619	5727	-1174	15271	0	15271	2348	17619	50.00
19	5652	219	346	6217	516	3702	0	3	5462	5499	-1172	14765	0	14765	2336	17101	49.98
20	5784	219	395	6398	809	4024	0	0	4986	5120	-1164	15187	0	15187	2456	17643	49.98
21	5829	218	444	6491	790	4129	0	0	4939	5044	-1238	15216	0	15216	2530	17746	49.99
22	5852	181	434	6467	683	4136	0	0	4970	5070	-1228	15128	0	15128	2530	17658	49.98
23	5848	184	447	6479	664	4129	0	0	4910	5280	-1107	15445	0	15445	2590	18035	49.95
24	5789	149	446	6384	623	4171	0	0	5203	5496	-1093	15581	0	15581	2601	18182	49.91
MUs	144.37	5.09	7.90	157.37	9.69	94.04	0.00	1.66	138.68	141.70	-24.11	380.35	0.76	381.11	54.98	436.09	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 01/May/2017

Position as on 6.30 Hrs of 02/May/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	
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	
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	
CPP	SWPGL U-3	135	25/04/2017	00.01		Continued.	ESP.	
MSPGCL	Parli Unit 8	250	25/04/2017	07.52		Continued.	Turbine bearing Vabration high	
IPP	JSW (J) U2	300	27/04/2017	00.29	01/05/2017	11.54	No SCHEDULE.	
MSPGCL	Paras Unit 4	250	29/04/2017	11.41	02/05/2017	03.40	bunkering problem.	
MSPGCL	Paras Unit 3	250	29/04/2017	19.09		Continued.	Insufficient coal.	
MSPGCL	Chandrapur Unit 6	500	29/04/2017	19.31		Continued.	Air heater problem	
MSPGCL	Uran Unit 5	108	29/04/2017	21.57	01/05/2017	17.26	Gasket leakage.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/May/2017

Position as on 6.30 Hrs of 02/May/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 4	210	30/04/2017	16.39		Continued.	Boiler Tube Leakage	
RGPL	Dabhol 3B	230	30/04/2017	20.49	01/05/2017	6.20	loss of flame.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/May/2017

Statement-VII

Position as on 6.30 Hrs of 02/May/2017

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	02/05/2017	00.17	02/05/2017	02.04	EO	Removal of Flexible Drip Irrigation Pipe Warapped to Pole-II.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	29/04/2017	20.17		Continued.	HT	Over Voltage
Dabhol Newkoyna li	InterState	02/05/2017	06.02		Continued.	T	Distance Protection
Ektuni-Bableshwar ckt I	IntraState	29/04/2017	08.42		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	30/04/2017	18.39	01/05/2017	11.23	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	01/05/2017	09.45		Continued.	PO	Cold Method Insulator Washing.
Bhusawal-Aurangabad	IntraState	01/05/2017	18.11		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	01/05/2017	22.50	01/05/2017	22.50	HT	To Take Energy Reading.
Nagothane - Dabhol-II	IntraState	02/05/2017	05.05		Continued.	T	Distance Protection
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.
220 KV LINE Outages/Trippings							
Mahalakshmi Amona	InterState	01/05/2017	05.45	01/05/2017	07.10	T	Distance Protection
Tillari Amona	InterState	02/05/2017	06.13		Continued.	T	Distance Protection
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.
Chakan I - Chakan II (tap to Volkswagen)	IntraState	29/04/2017	23.56		Continued.	T	Y P H CT BRUST.
Kharepatan -Pawas Line	IntraState	01/05/2017	02.36	01/05/2017	20.10	T	Distance Protection
Uran - Jnpt	IntraState	01/05/2017	08.38	01/05/2017	15.04	PO	Routine Maintenance Work
Hinganghat - Hinganghat Rly TSS 1	IntraState	01/05/2017	15.07	01/05/2017	15.23	T	Backup Protection
Kharepatan -Pawas Line	IntraState	02/05/2017	00.12		Continued.	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)

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