

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/May/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.158	293.526	1) Gujrat	-3.963	-7.621
2) Hydro	6.229	11.323	2) Madhya Pradesh	9.768	19.873
3) Gas	10.533	10.533	3) Chattisgarh	6.300	12.690
Total MSPGCL	165.920	315.382	4) Maharashtra Net	133.305	262.785
B) 1) APML	54.505	97.514	5) Goa (Amona)	-0.748	-1.364
2) JSWEL	21.328	41.697	Total	144.662	286.363
3) VIPL	14.228	27.899	a) Mumbai Schedule	24.980	44.886
4) RPL(AMT)	13.041	24.835	b) Mumbai Drawl	26.854	50.964
5) WPCL	2.784	5.287	c) MSEDCL Bilateral *	40.540	80.360
6) PGPL	0.000	0.000	Include PX	20.737	42.524
7) Other IPP	2.787	5.485	d) Mumbai Bilateral *	24.980	44.886
C) 1) TPCL Thermal	16.976	31.111	Include PX	1.045	1.102
2) TPCL Hydro	4.504	5.612	Include Standby	0.000	0.000
3) TPCL Gas	4.510	9.012	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.112	23.239	1) MSEDCL	406.434	778.879
D) STATE			2) Mumbai Discoms	64.956	119.938
1) Thermal	286.919	550.593	TOTAL STATE	471.390	898.817
(A1+C1+C4+(B1-B6))					
2) Hydro	10.733	16.935			
(A2+C2)					
3) Gas	15.043	19.545			
(A3+B6+C3)					
4) Wind	12.436	22.127			
6) SOLAR	1.597	3.254			
TOTAL STATE	326.728	612.454			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6330	6465	6436	5832
MSPGCL Hydro	425	378	277	121
MSPGCL Gas	434	431	446	447
MSPGCL Total Generation	7189	7274	7159	6400
Central Sector Receipt	7089	6969	5408	5161
WIND	301	304	760	573
CPP / IPP Thermal	4813	4848	4889	4125
CPP / IPP Gas	0	0	0	0
SOLAR	219	174	0	0
Exchange with Mumbai	-1536	-1381	-1196	-665
MSEDCL DEMAND MET	18075	18188	17020	15594
Load Shedding	408	356	73	0
MSEDCL DEMAND	18483	18544	17093	15594
TPCL GENERATION	1237	1316	1232	845
R-INFRA GENERATION	494	502	506	507
MUMBAI DEMAND	3267	3199	2934	2017
STATE DEMAND MET	21342	21387	19954	17611
STATE DEMAND	21750	21743	20027	17611
Frequency (Hz)	49.92	49.80	49.93	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 06.02 Hrs	49.66 Hz at 22.20 Hrs	49.91	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 02/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	3.79	7.52	165	150
Unit 8	10.22	21.25	480	380
Unit 9	10.10	19.21	451	371
Unit 10	9.70	20.94	449	250
Total	33.80	68.92		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.93	7.92	165	150
Unit 4	8.61	17.42	370	345
Unit 5	8.67	17.57	370	355
Total	21.21	42.92		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.95	11.61	250	242
Unit 7	5.80	11.32	252	223
Unit 8	0.00	0.00	0	0
Total	11.75	22.93		
Chandrapur				
Unit 3	4.36	8.74	185	176
Unit 4	0.00	0.00	0	0
Unit 5	10.59	21.09	460	430
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	8.58	19.20	396	338
Unit 9	9.01	19.29	404	340
Total	32.55	68.32		
Paras				
Unit 3	2.31	2.31	222	0
Unit 4	4.45	4.45	250	0
Total	6.76	6.76		
Khaparkheda				
Unit 1	4.26	8.42	190	155
Unit 2	4.14	8.25	185	150
Unit 3	4.72	9.13	200	190
Unit 4	4.44	8.68	191	170
Unit 5	11.43	22.21	500	460
Total	28.98	56.69		
Nasik				
Unit 3	4.67	9.03	200	185
Unit 4	4.74	9.00	203	180
Unit 5	4.69	8.97	201	180
Total	14.11	27.00		
Uran				
All Units	10.53	10.53	451	425
Total	10.53	10.53		
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)	0.18	0.18	43	0
Total	0.18	0.18		
Koyna				
Stage 1-2	1.08	2.14	55	40
Stage 4	0.00	0.60	0	0
Stage 3	0.54	0.96	156	0
Total	1.62	3.70		
Hydro				
KDPH	0.62	1.24	26	25
VTRNA	0.65	1.29	61	0
TILLARI	0.15	0.27	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	0.16	30	0
RNGR+BHTSA	0.33	0.66	15	13
BHANDARDRA	0.46	0.91	38	10
ELDARY	0.23	0.46	10	9
SMLHY_PTN	0.42	0.88	26	14
GHATGHAR	1.66	1.76	248	0
Total	4.61	7.63		
Wind				
Total	12.44	22.13	0	0
Total	12.44	22.13		
CPP				
APML(Mus)	54.50	97.51	0	0
JSWEL(Mus)	21.33	41.70	0	0
VIPL(Mus)	14.23	27.90	0	0
RPLAMT(Mus)	13.04	24.84	0	0
WPCL(Mus)	2.78	5.29	0	0
Other(Mus)	2.79	5.48	0	0
Total	108.67	202.72		
SOLAR				
Total	1.60	3.25	0	0
Total	1.60	3.25		
Tata				
Trombay 5	11.32	20.28	493	319
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.91	5.82	122	119
Trombay 7B	1.60	3.20	68	66
Trombay 8	5.65	10.84	247	200
TATA Hydro	4.50	5.61	420	0
Total	25.99	45.74		
R-INFRA				
DTPS U-1&2	12.11	23.24	508	494
Total	12.11	23.24		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.16	293.53	MSPGCL Total	165.92	315.38
			MSPGCL Thml+Gas	159.69	304.06	Koyna 1,2 & 4 Total	1.08	2.74
			MSPGCL Hydro	6.23	11.32	State Total	326.73	612.45

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/May/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	5810	199	436	6445	691	4154	0	0	5411	5395	-950	15735	0	15735	2457	18192	49.92
2	5793	116	444	6353	720	4149	0	0	5311	5089	-850	15461	0	15461	2276	17737	49.95
3	5792	121	446	6359	627	4145	0	0	5314	5097	-744	15484	0	15484	2156	17640	49.94
4	5832	121	447	6400	573	4125	0	0	5309	5161	-665	15594	0	15594	2017	17611	49.95
5	5943	121	451	6515	623	4158	0	0	5258	5189	-754	15731	0	15731	1968	17699	49.91
6	5955	144	443	6542	562	4148	0	0	5712	5876	-686	16442	0	16442	2000	18442	49.93
7	6037	272	450	6759	454	4121	0	6	6212	6397	-594	17143	0	17143	2020	19163	49.99
8	6081	277	449	6807	326	4138	0	44	6392	6626	-704	17237	0	17237	2170	19407	49.99
9	6136	365	426	6927	328	4166	0	102	6469	6939	-983	17479	0	17479	2516	19995	49.94
10	6196	492	434	7122	322	4347	0	164	6544	6620	-1202	17373	0	17373	2840	20213	49.94
11	6225	505	445	7175	331	4770	0	198	6641	6626	-1502	17598	28	17626	3194	20820	49.93
12	6330	425	434	7189	301	4813	0	219	6726	7089	-1536	18075	408	18483	3267	21750	49.92
13	6408	251	425	7084	284	4833	0	225	6751	6553	-1509	17470	755	18225	3271	21496	49.87
14	6418	241	431	7090	297	4836	0	210	6685	6746	-1472	17707	558	18265	3148	21413	49.93
15	6465	378	431	7274	304	4848	0	174	6648	6969	-1381	18188	356	18544	3199	21743	49.80
16	6453	239	434	7126	359	4834	0	138	6681	6860	-1407	17910	462	18372	3242	21614	49.90
17	6443	150	429	7022	349	4815	0	81	6624	6500	-1427	17340	318	17658	3203	20861	49.94
18	6448	206	429	7083	488	4851	0	33	6262	6619	-1509	17565	0	17565	3096	20661	49.91
19	6481	276	442	7199	742	4850	0	3	5964	5418	-1390	16822	0	16822	2934	19756	49.94
20	6436	277	446	7159	760	4889	0	0	5290	5408	-1196	17020	73	17093	2934	20027	49.93
21	6410	230	439	7079	781	4832	0	0	5228	5442	-1109	17025	22	17047	2882	19929	49.81
22	6408	218	432	7058	730	4588	0	0	5264	5237	-1044	16569	10	16579	2740	19319	49.83
23	6419	303	444	7166	768	4691	0	0	5152	5310	-1085	16850	0	16850	2705	19555	49.80
24	6239	302	446	6987	716	4569	0	0	5269	5496	-1155	16613	0	16613	2721	19334	49.84
MUs	149.16	6.23	10.53	165.92	12.44	108.67	0.00	1.60	143.12	144.66	-26.85	406.43	2.99	409.42	64.96	474.38	49.91

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 02/May/2017

Position as on 6.30 Hrs of 03/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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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	
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	02/05/2017	12.00	Insufficient coal.	
MSPGCL	Chandrapur Unit 6	500	29/04/2017	19.31		Continued.	Air heater problem	
MSPGCL	Chandrapur Unit 4	210	30/04/2017	16.39		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	03/05/2017	00.08		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/May/2017

Statement-VII

Position as on 6.30 Hrs of 03/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	00.15	02/05/2017	02.04	PO	Line Maintenance work
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	29/04/2017	20.17		Continued.	HT	Over Voltage
Dabhol Nagothane I	InterState	02/05/2017	05.05	02/05/2017	17.13	T	Distance Protection
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
N.Koyna-Karad -Ckt I	IntraState	01/05/2017	09.45	02/05/2017	09.05	PO	Cold Insulator Washing.
Bhusawal-Aurangabad	IntraState	01/05/2017	18.11	02/05/2017	07.11	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/05/2017	12.27	02/05/2017	13.44	T	Distance Protection
Kharghar-Talegaon(PG)	IntraState	03/05/2017	04.09		Continued.	T	Distance Protection
Kalwa - Talegaon(PG)	IntraState	03/05/2017	05.13		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							
Tillari Amona	InterState	02/05/2017	06.13	02/05/2017	08..35	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	02/05/2017	00.12	02/05/2017	18.43	T	Distance Protection
Talandge-Hamidwada	IntraState	02/05/2017	10.14	02/05/2017	18.27	PO	Insulator cleaning work.
Koradi II - Kawlewada	IntraState	02/05/2017	10.27	02/05/2017	11.23	T	Distance Protection
Bhandara-Sunflag 2	IntraState	02/05/2017	10.40	02/05/2017	12.37	PO	welding work.
Nanded-Parbhani	IntraState	02/05/2017	11.15	02/05/2017	14.09	PO	parly1- parly ext ckt under outage.
Parly-Parly Extn-I	IntraState	02/05/2017	11.32	02/05/2017	14.00	EO	Attending Hot Spot
Miraj - Mhaishal	IntraState	02/05/2017	11.56	02/05/2017	13.38	PO	LA insulation measurement work.
Gadchandur - Virur-I	IntraState	02/05/2017	14.23	02/05/2017	20.05	PO	Unbalance current problem.
Mururd - Tuljapur	IntraState	02/05/2017	18.01	02/05/2017	20.10	PO	Line Maintenance 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(Now repaired and ready for commissioning)
132 KV LINE Outages/Trippings							
Latur (Midc) - Latur (K)	IntraState	02/05/2017	10.35	02/05/2017	12.12	PO	removal of kite thread.
Talegaon-Tiwasa	IntraState	02/05/2017	11.35	02/05/2017	14.35	PO	Line Maintenance work
Beed(220kv) -Telgaon	IntraState	02/05/2017	14.35	02/05/2017	15.40	PO	removal of hanging object.
100 KV LINE Outages/Trippings							
Kalwa-Kalyan	IntraState	02/05/2017	07.03	02/05/2017	07.22	T	Distance Protection

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