

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/May/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.349	213.125	1) Gujrat	-3.518	-7.768
2) Hydro	12.168	19.539	2) Madhya Pradesh	16.557	29.188
3) Gas	10.486	20.724	3) Chattisgarh	6.860	13.240
Total MSPGCL	131.003	253.388	4) Maharashtra Net	90.716	173.015
B) 1) APLM	49.654	97.418	5) Goa (Amona)	-0.606	-1.028
2) JSWEL	28.315	53.389	6) TAPS 1&2 Injection	3.539	7.084
3) VIPL	13.170	24.628	7) RGPPL Injection	11.583	23.123
4) RPL(AMT)	17.722	32.655	8) Pench (MS)	0.064	0.131
5) WPCL	4.307	8.439	9) Pench (Excess)	-0.064	-0.131
6) Other IPP	5.733	11.881	Total	125.067	236.723
C) 1) TPCL Thermal	15.403	28.721	a) Mumbai Schedule	25.251	42.501
2) TPCL Hydro	3.745	3.929	b) Mumbai Drawl	29.331	54.037
3) TPCL Gas	4.249	8.562	c) MSEDCL Bilateral *	31.878	56.387
4) R-INFRA Thermal	11.632	21.760	Include PX	0.000	-1.741
D) STATE			d) Mumbai Bilateral *	25.251	42.501
1) Thermal	254.285	492.016	Include PX	1.818	3.541
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	15.913	23.468	H) ENERGY CATERED (MUs)		
3) Gas	14.735	29.286	1) MSEDCL	365.766	704.169
4) Wind	18.790	36.979	2) Mumbai Discoms	64.360	117.009
6) SOLAR	1.336	2.706	TOTAL STATE	430.126	821.178
TOTAL STATE	305.059	584.455			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4746	4716	4651	4015
MSPGCL Hydro	1265	1264	367	85
MSPGCL Gas	415	433	458	438
MSPGCL Total Generation	6426	6413	5476	4538
Central Sector Receipt	5925	5631	5585	4366
WIND	459	487	724	1200
CPP / IPP	5073	5088	5120	4566
SOLAR	181	182	0	0
Exchange with Mumbai	-1416	-1411	-1327	-871
MSEDCL DEMAND MET	16648	16390	15578	13799
Load Shedding	0	0	0	0
MSEDCL DEMAND	16648	16390	15578	13799
TPCL GENERATION	1159	1271	982	695
R-INFRA GENERATION	505	507	514	403
MUMBAI DEMAND	3080	3189	2823	1969
STATE DEMAND MET	19728	19579	18401	15768
STATE DEMAND	19728	19579	18401	15768
Frequency (Hz)	50.00	49.99	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.32 Hz at 18:02 Hrs	49.75 Hz at 22:23 Hrs	49.99	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/2016

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	0.00	0.00	0	0
Unit 8	8.41	16.82	355	350
Total	8.41	16.82		
Bhusawal				
Unit 2	3.16	6.40	140	125
Unit 3	3.97	7.28	180	160
Unit 4	10.70	19.89	500	350
Unit 5	10.84	20.00	510	355
Total	28.66	53.56		
Parli				
Unit 3	0.00	0.00	0	0
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
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.60	8.90	202	165
Unit 4	4.44	8.71	194	163
Unit 5	9.80	19.13	430	350
Unit 6	10.87	20.81	475	370
Unit 7	0.43	0.43	154	0
Total	30.14	57.98		
Paras				
Unit 3	5.71	10.96	250	224
Unit 4	5.61	10.70	252	218
Total	11.32	21.66		
Khaparkheda				
Unit 1	4.00	7.86	175	160
Unit 2	4.06	8.00	180	155
Unit 3	4.56	8.57	209	161
Unit 4	4.59	8.57	210	160
Unit 5	0.00	5.50	0	0
Total	17.21	38.48		
Nasik				
Unit 3	4.24	8.22	200	160
Unit 4	4.16	8.16	195	156
Unit 5	4.21	8.23	195	164
Total	12.61	24.62		
Uran				
All Units	10.49	20.72	458	415
Total	10.49	20.72		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.06	0.13	20	0
Total	0.06	0.13		
Koyna				
Stage 1-2	4.06	8.12	505	40
Stage 4	4.46	4.99	719	0
Stage 3	1.96	2.74	160	0
Total	10.48	15.84		
Hydro				
KDPH	0.60	1.21	25	24
VTRNA	0.16	0.16	24	0
TILLARI	0.37	0.73	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.11	0.23	40	0
RNGR+BHTSA	0.25	0.28	12	2
BHANDARDRA	0.11	0.25	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.09	0.09	4	3
GHATGHAR	0.00	0.74	0	0
Total	1.68	3.69		
Wind				
Total	18.79	36.98	0	0
Total	18.79	36.98		
CPP				
APML(Mus)	49.65	97.42	0	0
JSWEL(Mus)	28.32	53.39	0	0
VIPL(Mus)	13.17	24.63	0	0
RPLAMT(Mus)	17.72	32.66	0	0
WPCL(Mus)	4.31	8.44	0	0
Other(Mus)	5.73	11.88	0	0
Total	118.90	228.41		
SOLAR				
Total	1.34	2.71	0	0
Total	1.34	2.71		
Tata				
Trombay 5	9.72	17.76	449	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.72	5.49	116	102
Trombay 7B	1.53	3.07	65	60
Trombay 8	5.68	10.96	249	201
TATA Hydro	3.74	3.93	435	0
Total	23.40	41.21		
R-INFRA				
1-2	11.63	21.76	515	403
Total	11.63	21.76		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	0.00	0.00	MSPGCL Thermal	108.35	213.12	MSPGCL Total	131.00	253.39
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	118.84	233.85	Koyna 1,2 & 4 Total	8.52	13.10
Koradi 9	0.00	0.00	MSPGCL Hydro	12.17	19.54	State Total	305.06	584.46
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 02/May/2016

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													
1	4496	175	429	5100	1238	4995	0	5095	4174	-1212	14295	0	14295	2491	16786	50.02
2	4230	71	430	4731	1272	4723	0	5062	4583	-1162	14147	0	14147	2276	16423	50.00
3	4028	71	438	4537	1206	4556	0	4726	4907	-1029	14177	0	14177	2126	16303	50.01
4	4048	76	437	4561	1148	4561	0	4726	4607	-921	13956	0	13956	2021	15977	50.00
5	4015	85	438	4538	1200	4566	0	4726	4366	-871	13799	0	13799	1969	15768	49.99
6	4144	80	440	4664	1060	4646	0	4686	4795	-908	14256	0	14256	2008	16264	50.00
7	4420	81	440	4941	923	4986	3	4734	4735	-744	14844	0	14844	2016	16860	50.03
8	4640	81	440	5161	752	5093	28	5071	4793	-787	15040	0	15040	2160	17200	50.00
9	4677	91	443	5211	513	5067	89	5338	5337	-1114	15103	0	15103	2510	17613	49.98
10	4728	530	418	5676	471	5075	126	5436	5852	-1267	15933	0	15933	2847	18780	49.97
11	4746	1265	415	6426	459	5073	181	5508	5925	-1416	16648	0	16648	3080	19728	50.00
12	4708	1346	434	6488	454	5134	163	5594	5484	-1389	16334	0	16334	3161	19496	49.97
13	4716	1264	433	6413	487	5088	182	5582	5631	-1411	16390	0	16390	3189	19579	49.99
14	4704	1063	429	6196	492	5085	187	5537	5742	-1446	16256	0	16256	3155	19411	49.98
15	4701	1229	445	6375	513	5096	146	5555	5417	-1390	16157	0	16157	3144	19301	49.94
16	4703	1444	439	6586	587	5108	121	5588	5334	-1389	16347	0	16347	3187	19534	49.98
17	4660	698	436	5794	645	5094	76	5555	5354	-1406	15556	0	15556	3180	18736	50.02
18	4276	167	429	4872	744	4779	32	5449	5449	-1414	14462	0	14462	3080	17542	50.05
19	4234	182	445	4861	1031	4666	2	5292	5061	-1391	14230	0	14230	2900	17130	50.02
20	4518	843	436	5797	829	4993	0	5491	5275	-1380	15514	0	15514	2881	18395	49.95
21	4651	367	458	5476	724	5120	0	5482	5585	-1327	15578	0	15578	2823	18401	49.97
22	4743	260	436	5439	728	5128	0	5466	5478	-1292	15481	0	15481	2718	18199	49.96
23	4773	319	458	5550	658	5135	0	5495	5556	-1346	15553	0	15553	2716	18269	49.91
24	4790	380	440	5610	656	5137	0	5344	5627	-1319	15711	0	15711	2722	18433	49.96
MUs	108.35	12.17	10.49	131.00	18.79	118.90	1.34	126.54	125.07	-29.33	365.77	0.00	365.77	64.36	430.13	49.99

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/2016

Position as on 6.30 Hrs of 03/May/2016

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	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
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 schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
RGPL	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No Schedule	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Koradi Unit 7	210	01/03/2016	23.55		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Koyna Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
MSPGCL	Koradi Unit 9	660	21/03/2016	00.47	02/05/2016	21.20	Ash Evacuation problem	
IPP	Adani U-3	660	20/04/2016	03.33		Continued.	Furnace Pressure High	
IPP	RPL(AMT) U-1	270	20/04/2016	17.14		Continued.	Zero Schedule Given by MSEDCL.	
IPP	RPL(AMT) U-3	270	20/04/2016	20.50		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Uran Unit 7	108	23/04/2016	15.11	02/05/2016	11.44	Gas shortage	
RGPL	Dabhol 2B	230	26/04/2016	13.12		Continued.	P.M.WORK	
MSPGCL	Chandrapur Unit 7	500	28/04/2016	20.36	02/05/2016	20.50	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 5	500	01/05/2016	18.16	03/05/2016	18.13	Boiler Tube Leakage	
MSPGCL	Uran Unit 8	108	02/05/2016	14.47		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/May/2016

Position as on 6.30 Hrs of 03/May/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
CPP	WPCL U-4	135	03/05/2016	00.00		Continued.	ESP Back Filter DP High	
MSPGCL	Chandrapur Unit 7	500	03/05/2016	03.12	03/05/2016	06.31	Drum level low	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/May/2016

Statement-VII

Position as on 6.30 Hrs of 03/May/2016

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							
Dhule Sar'Sarovar I	InterState	27/04/2016	18.02	03/05/2016	08.34	HT	Over Voltage (RFC At 18:50 30.04.2016)
Chandrapur Bhadravati III	InterState	01/05/2016	16.33	02/05/2016	19.38	T	Tripped over voltage At Bhadravati End, DT Recived At Chandrapur End.
Kolhapur Solapur(PG) I	InterState	01/05/2016	17.12	02/05/2016	06.57	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	03/05/2016	09.14		Continued.	EO	Insulator string replacement(RFC 17.34Hrs)
Dhule Khandwa I	InterState	03/05/2016	09.55	03/05/2016	10.38	PO	For taking Line Reactor Out at Khandwa end
Dhule Khandwa I	InterState	03/05/2016	13.54	03/05/2016	14.00	PO	To charge Ckt with Line Reactor
Babhaleshwar-Taptitanda ckt-I	IntraState	24/04/2016	18.11		Continued.	HT	Hand Tripped
Akola II - Taptitanda ckt-I	IntraState	27/04/2016	11.41		Continued.	PO	Dismantalling of Conductor Reorintation.
karad -kolhapur-I	IntraState	30/04/2016	16.50	02/05/2016	08.29	HT	Over Voltage
Karad - Jaigad - II	IntraState	30/04/2016	17.14	02/05/2016	08.59	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	30/04/2016	17.16	02/05/2016	09.35	HT	Over Voltage
Chandrapur2-Parali 2 ckt1	IntraState	02/05/2016	07.43	02/05/2016	11.29	T	Distance Protection
Nagothane - Dabhol-II	IntraState	02/05/2016	10.35	02/05/2016	21.49	EO	To attend Hot Spot
Bhusawal-Aurangabad	IntraState	02/05/2016	17.21		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	02/05/2016	17.31	03/05/2016	08.56	HT	Over Voltage
karad -kolhapur-I	IntraState	03/05/2016	16.37		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	03/05/2016	16.58		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	02/05/2016	10.48		Continued.	PO	Repl.of 33KV Tertiry y phase unit Bushing
400/220kv 315MVA ICT 2 @ Kolhapur	IntraState	02/05/2016	12.00	02/05/2016	18.28	PO	Quarterly Maintenance Work
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	02/05/2016	20.23	02/05/2016	21.10	HT	Due to broken in LYCB and to restore Main Bus-II LV side charged on TBC
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	03/05/2016	13.34	03/05/2016	16.34	PO	Attending Oil Leakage
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/04/2016	11.25		Continued.	HT	To control Load of Bus Coupler
Tillari Amona	InterState	02/05/2016	03.07	02/05/2016	08.33	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.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Bableshtar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Bableshtar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
220kv Halkarni- Tillary	IntraState	02/05/2016	03.07	03/05/2016	07.56	T	Distance Protection
Mumewadi-Belewadi	IntraState	02/05/2016	09.40	02/05/2016	17.25	PO	Cross Arm work
Hamidwada-Mumewadi	IntraState	03/05/2016	07.06	03/05/2016	13.58	PO	Cross Arm and stringing work
Mururd - Tuljapur	IntraState	03/05/2016	08.43	03/05/2016	11.06	PO	Quarterly Maintainance Work
Butibori-VIPL-IV GIS Bay	IntraState	03/05/2016	09.06	03/05/2016	18.59	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 02/May/2016

Statement-VII

Position as on 6.30 Hrs of 03/May/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	03/05/2016	09.57	03/05/2016	14.54	PO	Routine Maintenance Work
Karad - Vita Ckt- II	IntraState	03/05/2016	10.10	03/05/2016	12.04	EO	To attend Hot Spot
Parli 2-(Girwali) -Murud	IntraState	03/05/2016	11.38	03/05/2016	13.59	PO	Quarterly Maintainance Work
Sadawaghapur Karad Ckt 2	IntraState	03/05/2016	12.33	03/05/2016	14.50	PO	Quarterly Maintainance Work
Karad - Sadawagpur I	IntraState	03/05/2016	15.43	03/05/2016	18.55	PO	Quarterly Maintainance Work
Hingoli- Girawali	IntraState	03/05/2016	22.41		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)
132 KV LINE Outages/Trippings							
Shahada-Taloda	IntraState	03/05/2016	12.41	03/05/2016	13.02	T	Distance Protection
Amravati-Morshi	IntraState	03/05/2016	15.04	03/05/2016	15.12	T	Distance Protection
Elichpur - Hingoli	IntraState	03/05/2016	15.18	03/05/2016	15.30	T	Distance Protection

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