

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/May/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	104.776	104.776	1) Gujrat	-4.250	-4.250
2) Hydro	7.371	7.371	2) Madhya Pradesh	12.631	12.631
3) Gas	10.238	10.238	3) Chattisgarh	6.380	6.380
Total MSPGCL	122.385	122.385	4) Maharashtra Net	82.299	82.299
B) 1) APML	47.764	47.764	5) Goa (Amona)	-0.422	-0.422
2) JSWEL	25.074	25.074	6) TAPS 1&2 Injection	3.545	3.545
3) VIPL	11.458	11.458	7) RGPPL Injection	11.540	11.540
4) RPL(AMT)	14.933	14.933	8) Pench (MS)	0.067	0.067
5) WPCL	4.132	4.132	9) Pench (Excess)	-0.067	-0.067
6) Other IPP	6.148	6.148	Total	111.656	111.656
C) 1) TPCL Thermal	13.318	13.318	a) Mumbai Schedule	17.250	17.250
2) TPCL Hydro	0.184	0.184	b) Mumbai Drawl	24.706	24.706
3) TPCL Gas	4.313	4.313	c) MSEDCL Bilateral *	24.510	24.510
4) R-INFRA Thermal	10.128	10.128	Include PX	-1.741	-1.741
D) STATE			d) Mumbai Bilateral *	17.250	17.250
1) Thermal	237.731	237.731	Include PX	1.723	1.723
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	7.555	7.555	H) ENERGY CATERED (MUs)		
3) Gas	14.551	14.551	1) MSEDCL	338.403	338.403
4) Wind	18.189	18.189	2) Mumbai Discoms	52.649	52.649
6) SOLAR	1.370	1.370	TOTAL STATE	391.052	391.052
TOTAL STATE	279.396	279.396			

* 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 15 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 23 Hrs
MSPGCL Thermal	4282	4264	3935	4085
MSPGCL Hydro	441	381	296	530
MSPGCL Gas	422	422	430	436
MSPGCL Total Generation	5145	5067	4661	5051
Central Sector Receipt	5058	4855	4808	4128
WIND	313	455	1079	1134
CPP / IPP	4497	4233	4442	4592
SOLAR	165	168	0	0
Exchange with Mumbai	-991	-1109	-1266	-1289
MSEDCL DEMAND MET	14187	13669	13724	13616
Load Shedding	38	38	0	0
MSEDCL DEMAND	14225	13707	13724	13616
TPCL GENERATION	696	698	712	782
R-INFRA GENERATION	402	404	404	403
MUMBAI DEMAND	2089	2211	2382	2474
STATE DEMAND MET	16276	15880	16106	16090
STATE DEMAND	16314	15918	16106	16090
Frequency (Hz)	49.99	49.93	50.01	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.29 Hz at 18:03 Hrs	49.82 Hz at 22:08 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 01/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	8.41	355	350
Total	8.41	8.41		
Bhusawal				
Unit 2	3.24	3.24	150	120
Unit 3	3.30	3.30	165	0
Unit 4	9.20	9.20	490	345
Unit 5	9.16	9.16	500	350
Total	24.90	24.90		
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	4.30	4.30	200	164
Unit 4	4.26	4.26	199	160
Unit 5	9.33	9.33	430	355
Unit 6	9.94	9.94	475	365
Unit 7	0.00	0.00	0	0
Total	27.84	27.84		
Paras				
Unit 3	5.25	5.25	256	191
Unit 4	5.09	5.09	250	190
Total	10.34	10.34		
Khaparkheda				
Unit 1	3.86	3.86	170	145
Unit 2	3.93	3.93	175	155
Unit 3	4.01	4.01	205	144
Unit 4	3.98	3.98	183	160
Unit 5	5.50	5.50	310	0
Total	21.28	21.28		
Nasik				
Unit 3	3.99	3.99	170	165
Unit 4	4.00	4.00	171	164
Unit 5	4.02	4.02	170	164
Total	12.01	12.01		
Uran				
All Units	10.24	10.24	448	410
Total	10.24	10.24		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.07	0.07	20	0
Total	0.07	0.07		
Koyna				
Stage 1-2	4.06	4.06	475	40
Stage 4	0.53	0.53	200	0
Stage 3	0.78	0.78	160	0
Total	5.36	5.36		
Hydro				
KDPH	0.61	0.61	26	25
VTRNA	0.00	0.00	0	0
TILLARI	0.36	0.36	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	0.12	40	0
RNGR+BHTSA	0.04	0.04	2	1
BHANDARDRA	0.14	0.14	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	0.74	0.74	125	0
Total	2.01	2.01		
Wind				
Total	18.19	18.19	0	0
Total	18.19	18.19		
CPP				
APML(Mus)	47.76	47.76	0	0
JSWEL(Mus)	25.07	25.07	0	0
VIPL(Mus)	11.46	11.46	0	0
RPLAMT(Mus)	14.93	14.93	0	0
WPCL(Mus)	4.13	4.13	0	0
Other(Mus)	6.15	6.15	0	0
Total	109.51	109.51		
SOLAR				
Total	1.37	1.37	0	0
Total	1.37	1.37		
Tata				
Trombay 5	8.04	8.04	412	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	2.77	116	115
Trombay 7B	1.54	1.54	65	64
Trombay 8	5.28	5.28	249	199
TATA Hydro	0.18	0.18	86	0
Total	17.82	17.82		
R-INFRA				
1-2	10.13	10.13	515	402
Total	10.13	10.13		

* 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	104.78	104.78	MSPGCL Total	122.38	122.38
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	115.01	115.01	Koyna 1,2 & 4 Total	4.58	4.58
Koradi 9	0.00	0.00	MSPGCL Hydro	7.37	7.37	State Total	279.40	279.40
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/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	4788	558	425	5771	837	5012	0	5337	5131	-1157	15594	0	15594	2509	18103	49.91
2	4766	173	425	5364	950	5028	0	5149	5016	-965	15393	0	15393	2316	17709	49.98
3	4772	68	426	5266	1002	4975	0	5134	4786	-846	15183	0	15183	2194	17377	50.00
4	4839	68	423	5330	937	4893	0	5136	4801	-738	15223	0	15223	2089	17312	49.99
5	4775	68	420	5263	884	4667	0	5139	5167	-816	15165	0	15165	2025	17190	49.98
6	4570	98	429	5097	773	4717	0	5134	5495	-863	15219	0	15219	2021	17240	49.96
7	4546	273	448	5267	634	4754	4	5108	4703	-804	14558	0	14558	1951	16509	50.02
8	4572	73	444	5089	509	4745	36	5061	4682	-766	14295	38	14333	1913	16246	50.04
9	4455	68	426	4949	441	4657	98	5046	4834	-820	14159	38	14197	1956	16153	50.08
10	4310	138	417	4865	393	4384	132	4947	5200	-898	14076	38	14114	1997	16111	50.01
11	4282	441	422	5145	313	4497	165	4910	5058	-991	14187	38	14225	2089	16314	49.99
12	4294	577	418	5289	262	4546	183	4901	4598	-1064	13814	38	13852	2165	16017	50.00
13	4285	406	411	5102	305	4455	187	4950	4659	-1080	13628	38	13666	2180	15846	49.98
14	4292	360	411	5063	362	4255	167	4962	4708	-1080	13475	38	13513	2183	15696	49.98
15	4264	381	422	5067	455	4233	168	4906	4855	-1109	13669	38	13707	2211	15918	49.93
16	4294	565	438	5297	569	4244	126	4913	4472	-1122	13586	38	13624	2223	15847	49.98
17	4252	155	410	4817	727	4271	70	4684	4476	-1085	13276	38	13314	2188	15502	49.98
18	4265	71	430	4766	1037	4253	31	3929	3716	-1046	12757	38	12795	2145	14940	50.07
19	4026	131	437	4594	1246	4249	3	3220	3300	-1032	12360	0	12360	2133	14493	50.07
20	3948	674	415	5037	1213	4304	0	4347	4317	-1228	13643	0	13643	2331	15974	49.99
21	3935	296	430	4661	1079	4442	0	4750	4808	-1266	13724	0	13724	2382	16106	50.01
22	3939	604	433	4976	1051	4561	0	4336	4253	-1314	13527	0	13527	2439	15966	50.00
23	4085	530	436	5051	1134	4592	0	4432	4128	-1289	13616	0	13616	2474	16090	49.97
24	4222	595	442	5259	1076	4772	0	4531	4493	-1327	14273	0	14273	2535	16808	50.00
MUs	104.78	7.37	10.24	122.39	18.19	109.51	1.37	114.96	111.66	-24.71	338.40	0.42	338.82	52.65	391.47	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 01/May/2016

Position as on 6.30 Hrs of 02/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	Bhusawal Unit 3	210	29/04/2016	11.43	01/05/2016	02.39	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 5	500	01/05/2016	18.16		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/May/2016

Position as on 6.30 Hrs of 02/May/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 8	108	02/05/2016	14.47		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/May/2016

Statement-VII

Position as on 6.30 Hrs of 02/May/2016

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	30/04/2016	23.30	01/05/2016	1.48	PO	Trauble Shooting DG-2 Problem & Taking Capacity Test Of Value Cooling UPS Battery Set.
Chandrapur - Padghe Hvdc Pole 1	IntraState	01/05/2016	01.54	01/05/2016	04.01	PO	Trauble Shooting DG-1 Problem & Taking Capacity Test Of Value Cooling UPS Battery Set.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	27/04/2016	18.02		Continued.	HT	Over Voltage (RFC At 18:50 30.04.2016)
Chandrapur Bhadravati III	InterState	01/05/2016	07.34	01/05/2016	10.25	T	Tripped over voltage At Bhadravati End, DT Recived At Chandrapur End.
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
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 Reorintetion.
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
Nagothane - Dabhol I	IntraState	01/05/2016	03.25	01/05/2016	15.32	T	Tripped On Distance Protection (LOC.No 2,3 Y-Phase String Decapig).
Babhleshwar - RIPL(Nashik)	IntraState	01/05/2016	12.32	01/05/2016	21.56	PO	Maintenance Work.
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		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 lct 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
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/04/2016	11.25		Continued.	HT	To control Load of Bus Coupler
Borivali - Tarapur	InterState	01/05/2016	07.26	01/05/2016	12.42	T	Safety Purpose Code 5/17.
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).
Babhleshwar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Babhleshwar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Mumewadi-Belewadi	IntraState	01/05/2016	06.34	01/05/2016	18.55	PO	Tower Erection Work

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 01/May/2016

Statement-VII

Position as on 6.30 Hrs of 02/May/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kalwa - Borivali	IntraState	01/05/2016	06.40	01/05/2016	13.39	PO	String Replacement Work.
Hamidwada-Mumewadi	IntraState	01/05/2016	06.50	01/05/2016	18.42	PO	Tower Erection Work.
Ongc Uran - Jnpt	IntraState	01/05/2016	08.32	01/05/2016	14.15	PO	Maintenance Work.
Uran - Jnpt	IntraState	01/05/2016	08.34	01/05/2016	14.17	PO	Maintenance Work.
Raymond - TKES	IntraState	01/05/2016	09.28	01/05/2016	17.56	PO	Maintenance Work.
Chalisgaon-Malegaon	IntraState	01/05/2016	13.25	01/05/2016	16.45	T	Y & B Phase Fault Fire Between LOC No. 84 To 85
220kv Halkarni- Tillary	IntraState	02/05/2016	03.07		Continued.	T	Distance Protection
Mumewadi-Belewadi	IntraState	02/05/2016	09.40	02/05/2016	17.25	PO	Cross Arm 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)
100 KV LINE Outages/Trippings							
100KV Kalwa - Sify	IntraState	01/05/2016	07.15	01/05/2016	09.07	PO	Routine Maintenance Work

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