

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/May/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.052	332.177	1) Gujrat	-1.910	-9.678
2) Hydro	13.573	33.112	2) Madhya Pradesh	14.613	43.801
3) Gas	10.644	31.368	3) Chattisgarh	6.610	19.850
Total MSPGCL	143.269	396.657	4) Maharashtra Net	94.536	267.551
B) 1) APML	49.751	147.169	5) Goa (Amona)	-0.630	-1.658
2) JSWEL	27.420	80.809	6) TAPS 1&2 Injection	3.284	10.368
3) VIPL	13.580	38.208	7) RGPPL Injection	11.563	34.686
4) RPL(AMT)	16.950	49.605	8) Pench (MS)	0.032	0.163
5) WPCL	2.863	11.302	9) Pench (Excess)	-0.032	-0.163
6) Other IPP	4.721	16.602	Total	128.034	364.757
C) 1) TPCL Thermal	15.639	44.360	a) Mumbai Schedule	27.082	69.583
2) TPCL Hydro	3.737	7.666	b) Mumbai Drawl	30.296	84.333
3) TPCL Gas	4.319	12.881	c) MSEDCL Bilateral *	30.992	87.380
4) R-INFRA Thermal	11.112	32.872	Include PX	0.000	-1.741
D) STATE			d) Mumbai Bilateral *	27.082	69.583
1) Thermal	261.088	753.104	Include PX	2.348	5.889
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	17.310	40.778	H) ENERGY CATERED (MUs)		
3) Gas	14.963	44.249	1) MSEDCL	374.457	1078.626
4) Wind	16.509	53.488	2) Mumbai Discoms	65.103	182.112
6) SOLAR	1.656	4.362	TOTAL STATE	439.560	1260.738
TOTAL STATE	311.526	895.981			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5089	5277	4763	4449
MSPGCL Hydro	1466	1343	593	77
MSPGCL Gas	427	424	445	452
MSPGCL Total Generation	6982	7044	5801	4978
Central Sector Receipt	5861	5331	6152	4996
WIND	212	381	1140	989
CPP / IPP	4879	4849	4353	4740
SOLAR	187	155	0	0
Exchange with Mumbai	-1323	-1480	-1507	-940
MSEDCL DEMAND MET	16798	16280	15939	14763
Load Shedding	0	0	0	0
MSEDCL DEMAND	16798	16280	15939	14763
TPCL GENERATION	1235	1271	1028	747
R-INFRA GENERATION	506	504	403	402
MUMBAI DEMAND	3064	3255	2938	2089
STATE DEMAND MET	19862	19535	18877	16852
STATE DEMAND	19862	19535	18877	16852
Frequency (Hz)	49.96	49.97	49.98	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.46 Hrs	49.76 Hz at 14.21 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 03/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	8.59	25.41	364	350
Total	8.59	25.41		
Bhusawal				
Unit 2	3.12	9.52	140	115
Unit 3	4.02	11.30	175	160
Unit 4	10.63	30.52	510	360
Unit 5	10.69	30.69	500	350
Total	28.46	82.02		
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	4.48	13.37	200	170
Unit 4	4.35	13.06	188	160
Unit 5	9.54	28.67	435	360
Unit 6	10.93	31.74	483	365
Unit 7	6.58	7.02	430	0
Total	35.88	93.86		
Paras				
Unit 3	5.94	16.90	259	206
Unit 4	6.06	16.76	260	229
Total	11.99	33.65		
Khaparkheda				
Unit 1	3.89	11.74	170	150
Unit 2	3.98	11.98	175	155
Unit 3	4.28	12.85	205	160
Unit 4	4.27	12.84	202	160
Unit 5	1.72	7.22	425	0
Total	18.14	56.63		
Nasik				
Unit 3	4.30	12.52	205	165
Unit 4	4.22	12.38	202	165
Unit 5	4.28	12.52	204	163
Total	12.81	37.42		
Uran				
All Units	10.64	31.37	465	418
Total	10.64	31.37		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.03	0.16	20	0
Total	0.03	0.16		
Koyna				
Stage 1-2	3.54	11.65	405	40
Stage 4	5.16	10.14	720	0
Stage 3	2.17	4.91	160	0
Total	10.86	26.71		
Hydro				
KDPH	0.60	1.81	26	25
VTRNA	0.13	0.29	21	0
TILLARI	0.36	1.09	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	0.39	40	0
RNGR+BHTSA	0.25	0.53	11	9
BHANDARDRA	0.10	0.36	33	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.05	0.14	3	2
GHATGHAR	1.06	1.80	250	0
Total	2.71	6.40		
Wind				
Total	16.51	53.49	0	0
Total	16.51	53.49		
CPP				
APML(Mus)	49.75	147.17	0	0
JSWEL(Mus)	27.42	80.81	0	0
VIPL(Mus)	13.58	38.21	0	0
RPLAMT(Mus)	16.95	49.60	0	0
WPCL(Mus)	2.86	11.30	0	0
Other(Mus)	4.72	16.60	0	0
Total	115.28	343.70		
SOLAR				
Total	1.66	4.36	0	0
Total	1.66	4.36		
Tata				
Trombay 5	9.70	27.46	439	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	8.27	116	115
Trombay 7B	1.55	4.62	65	64
Trombay 8	5.94	16.90	250	245
TATA Hydro	3.74	7.67	421	0
Total	23.70	64.91		
R-INFRA				
1-2	11.11	32.87	516	402
Total	11.11	32.87		

* 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	119.05	332.18	MSPGCL Total	143.27	396.66
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	129.70	363.54	Koyna 1,2 & 4 Total	8.69	21.79
Koradi 9	3.17	3.17	MSPGCL Hydro	13.57	33.11	State Total	311.53	895.98
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/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	4928	301	461	5690	776	5063	0	5202	5021	-1168	15382	0	15382	2527	17909	49.97
2	4948	104	452	5504	848	5002	0	5140	5157	-984	15527	0	15527	2341	17868	49.94
3	4874	89	461	5424	907	4845	0	5022	4861	-893	15144	0	15144	2199	17343	49.98
4	4449	77	452	4978	989	4740	0	5006	4996	-940	14763	0	14763	2089	16852	49.97
5	4447	92	452	4991	907	4741	0	5019	5189	-888	14940	0	14940	2043	16983	49.97
6	4713	77	463	5253	816	4749	0	5054	4944	-808	14954	0	14954	2082	17036	49.98
7	4792	82	446	5320	804	4923	9	5124	5001	-711	15346	0	15346	2078	17424	50.01
8	4981	97	465	5543	599	4948	49	5167	4940	-777	15302	0	15302	2158	17460	50.00
9	4989	131	460	5580	332	4912	107	5330	5565	-1052	15444	0	15444	2489	17933	49.97
10	4991	1243	418	6652	327	4903	167	5441	5540	-1263	16326	0	16326	2836	19162	49.97
11	5089	1466	427	6982	212	4879	187	5527	5861	-1323	16798	0	16798	3064	19862	49.96
12	5188	1520	429	7137	157	4924	234	5634	5439	-1465	16426	0	16426	3216	19642	49.96
13	5279	1400	425	7104	157	4895	216	5664	5323	-1455	16240	0	16240	3222	19462	49.93
14	5217	816	437	6470	257	4857	209	5643	5661	-1448	16006	0	16006	3217	19223	49.95
15	5223	1254	422	6899	312	4865	192	5696	5363	-1426	16205	0	16205	3202	19407	49.87
16	5277	1343	424	7044	381	4849	155	5725	5331	-1480	16280	0	16280	3255	19535	49.97
17	5016	992	435	6443	567	4706	95	5657	5540	-1537	15814	0	15814	3200	19014	49.99
18	4621	218	438	5277	867	4522	31	5578	5768	-1618	14847	0	14847	3154	18001	50.01
19	4609	223	444	5276	1184	4495	5	5392	4933	-1568	14325	0	14325	2941	17266	50.05
20	4763	593	445	5801	1140	4353	0	5595	6152	-1507	15939	0	15939	2938	18877	49.98
21	5046	521	429	5996	1054	4686	0	5510	5624	-1453	15907	0	15907	2803	18710	49.96
22	5138	230	453	5821	972	4769	0	5428	5065	-1470	15157	0	15157	2692	17849	49.98
23	5244	179	447	5870	950	4800	0	5480	5418	-1526	15512	0	15512	2672	18184	49.99
24	5230	525	459	6214	994	4862	0	5316	5342	-1536	15876	0	15876	2685	18561	49.94
MUs	119.05	13.57	10.64	143.27	16.51	115.29	1.66	129.35	128.03	-30.30	374.46	0.00	374.46	65.10	439.56	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 03/May/2016

Position as on 6.30 Hrs of 04/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	
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.	
RGPL	Dabhol 2B	230	26/04/2016	13.12		Continued.	P.M.WORK	
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	
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	
CENT.SECTOR	Tarapur 1	160	04/05/2016	00.20		Continued.	Mandatory surveillance checks,Main condenser tube leak check	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/May/2016

Statement-VII

Position as on 6.30 Hrs of 04/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)
Dhule Sar'Sarovar II	InterState	03/05/2016	09.14	04/05/2016	09.10	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
Dhule Sar'Sarovar I	InterState	04/05/2016	12.53		Continued.	PO	Retrofitting of Main Protection.
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.
Bhusawal-Aurangabad	IntraState	02/05/2016	17.21	04/05/2016	09.01	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	04/05/2016	07.32	HT	Over Voltage
Karad - Jaigad - II	IntraState	03/05/2016	16.58	04/05/2016	03.15	HT	Over Voltage
Jaigad-New Koyna Ckt-I	IntraState	04/05/2016	02.54	04/05/2016	08.39	T	Distance Protection
karad -kolhapur-I	IntraState	04/05/2016	16.29		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	04/05/2016	17.11		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	04/05/2016	17.14		Continued.	HT	Over Voltage
Koradi 2-IEPL	IntraState	04/05/2016	20.36		Continued.	PO	Attending the Work of B Ph LA.Work @ IEPL End.
Warora -IEPL	IntraState	04/05/2016	20.41		Continued.	PO	Attending the Work of B Ph LA.Work @ IEPL End.
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
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	03/05/2016	13.34	03/05/2016	16.34	PO	Attending Oil Leakage
400/220/33kv, 500 Mva Ict-2 @Khaparkheda	IntraState	04/05/2016	08.08	04/05/2016	18.06	PO	Replacement of R Ph CT & Premonsoon Maintenance Work.
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/04/2016	11.25		Continued.	HT	To control Load of Bus Coupler
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
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
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

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 03/May/2016

Statement-VII

Position as on 6.30 Hrs of 04/May/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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	04/05/2016	10.45	T	Distance Protection
Kharghar - Nerul	IntraState	04/05/2016	05.58	04/05/2016	09.36	EO	To attend Hot Spot
Parli 3 (Old Gcr)-Osmanabad	IntraState	04/05/2016	09.35	04/05/2016	15.20	PO	Midspan Conductor Joint Work.
Hinjawadi I- Chinchwad	IntraState	04/05/2016	10.44	04/05/2016	17.05	HT	To Control Urse Chinchwad Loading.
Wardha- Pgcil(Deoli)	IntraState	04/05/2016	16.21	04/05/2016	17.24	T	Distance Protection
Gadchandur - Grace	IntraState	04/05/2016	18.04	04/05/2016	18.47	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)
220/132/11 Kv 200 Mva Cgl Ict 2 @Amravati	IntraState	04/05/2016	05.55	04/05/2016	12.12	PO	Premonsoon Maintenance Work.
220/132 Kv 200 Mva Bbl Ict 1 @Beed	IntraState	04/05/2016	09.00	04/05/2016	11.02	PO	Quarterly Maintainance Work
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
Umri - Kundalwadi	IntraState	04/05/2016	07.20	04/05/2016	07.50	T	Backup Protection
Amravati-Achalpur	IntraState	04/05/2016	13.34	04/05/2016	14.14	T	Distance Protection
Pardi-Besa	IntraState	04/05/2016	16.49	04/05/2016	17.02	T	Distance Protection

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