

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Jan/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	108.879	1098.169	1) Gujrat	-2.587	-39.028
2) Hydro	6.946	99.926	2) Madhya Pradesh	6.953	55.093
3) Gas	10.845	102.747	3) Chattisgarh	4.740	46.660
Total MSPGCL	126.670	1300.842	4) Maharashtra Net	76.007	761.505
B) 1) APML	46.170	494.455	5) Goa (Amona)	-0.616	-5.063
2) JSWEL	20.426	196.751	6) TAPS 1&2 Injection	3.658	36.776
3) VIPL	10.129	101.843	7) RGPPL Injection	5.881	60.534
4) RPL(AMT)	24.805	239.397	8) Pench (MS)	0.442	4.404
5) WPCL	4.204	44.945	9) Pench (Excess)	-0.442	-4.404
6) Other IPP	10.780	105.718	Total	93.594	912.073
C) 1) TPCL Thermal	12.451	138.641	a) Mumbai Schedule	13.055	142.745
2) TPCL Hydro	0.853	22.163	b) Mumbai Drawl	19.072	223.729
3) TPCL Gas	4.447	34.320	c) MSEDCL Bilateral *	19.850	173.470
4) R-INFRA Thermal	4.870	66.286	Include PX	-4.308	-64.056
D) STATE			d) Mumbai Bilateral *	13.055	142.745
1) Thermal	242.714	2486.205	Include PX	0.779	18.729
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	7.799	122.089	H) ENERGY CATERED (MUs)		
3) Gas	15.292	137.067	1) MSEDCL	321.116	3211.882
4) Wind	2.241	28.404	2) Mumbai Discoms	41.694	485.148
6) SOLAR	1.169	11.183	TOTAL STATE	362.810	3697.030
TOTAL STATE	269.215	2784.948			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4568	4549	4507	4527
MSPGCL Hydro	680	174	175	100
MSPGCL Gas	447	448	449	473
MSPGCL Total Generation	5695	5171	5131	5100
Central Sector Receipt	5187	5147	4512	2292
WIND	113	159	82	81
CPP / IPP	5297	5214	4713	4769
SOLAR	152	177	0	0
Exchange with Mumbai	-890	-907	-1090	-499
MSEDCL DEMAND MET	15554	14961	13348	11743
Load Shedding	15	15	11	11
MSEDCL DEMAND	15569	14976	13359	11754
TPCL GENERATION	819	819	702	699
R-INFRA GENERATION	202	204	204	203
MUMBAI DEMAND	1911	1930	1996	1401
STATE DEMAND MET	17465	16891	15344	13144
STATE DEMAND	17480	16906	15355	13155
Frequency (Hz)	49.99	50.02	50.01	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 18:02 Hrs	49.83 Hz at 22:08 Hrs	50.03	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 10/Jan/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.57	16.49	113	105
Unit 6	0.00	0.00	0	0
Unit 7	4.13	39.85	180	160
Unit 8	0.00	12.28	0	0
Total	6.70	68.62		
Bhusawal				
Unit 2	4.13	41.14	180	165
Unit 3	4.06	41.51	175	160
Unit 4	9.68	99.02	420	385
Unit 5	9.80	99.64	420	400
Total	27.67	281.31		
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	3.00	30.19	130	122
Unit 3	4.12	41.88	185	163
Unit 4	4.29	42.98	185	172
Unit 5	0.00	0.00	0	0
Unit 6	9.23	92.30	391	375
Unit 7	9.72	97.49	421	389
Total	30.36	304.84		
Paras				
Unit 3	4.80	41.93	208	188
Unit 4	4.75	49.37	205	190
Total	9.55	91.31		
Khaparkheda				
Unit 1	3.81	38.02	165	150
Unit 2	4.23	40.45	185	160
Unit 3	4.09	40.58	177	165
Unit 4	3.76	33.86	162	148
Unit 5	9.41	93.08	403	379
Total	25.31	245.99		
Nasik				
Unit 3	4.66	35.68	200	190
Unit 4	0.00	24.28	0	0
Unit 5	4.63	46.14	199	185
Total	9.29	106.10		
Uran				
All Units	10.84	102.75	473	421
Total	10.84	102.75		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.44	4.40	23	10
Total	0.44	4.40		
Koyna				
Stage 1-2	1.74	38.14	450	35
Stage 4	1.12	22.68	509	0
Stage 3	0.59	12.71	160	0
Total	3.45	73.53		
Hydro				
KDPH	0.89	4.18	37	37
VTRNA	0.63	6.03	61	0
TILLARI	0.00	0.55	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	1.40	80	0
RNGR+BHTSA	0.26	2.21	14	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.57	5.40	24	23
GHATGHAR	1.01	6.64	250	0
Total	3.49	26.40		
Wind				
Total	2.24	28.40	0	0
Total	2.24	28.40		
CPP				
APML(Mus)	46.17	494.46	0	0
JSWEL(Mus)	20.43	196.75	0	0
VIPL(Mus)	10.13	101.84	0	0
RPLAMT(Mus)	24.80	239.40	0	0
WPCL(Mus)	4.20	44.94	0	0
Other(Mus)	10.78	105.72	0	0
Total	116.51	1183.11		
SOLAR				
Total	1.17	11.18	0	0
Total	1.17	11.18		
Tata				
Trombay 5	7.62	85.76	319	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	21.64	123	114
Trombay 7B	1.64	12.68	70	67
Trombay 8	4.83	52.88	203	200
TATA Hydro	0.85	22.16	110	0
Total	17.75	195.12		
R-INFRA				
1-2	4.87	66.29	204	202
Total	4.87	66.29		

Infirm Power	Chandrapur 8	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	108.88	1098.17
MSPGCL Thml+Gas	119.72	1200.92

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	6.95	99.93
MSPGCL Total	126.67	1300.84

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.86	60.82
State Total	269.22	2784.95

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/Jan/2016

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	4559	122	463	5144	73	4738	0	2731	2634	-735	11854	17	11871	1637	13508	50.02
2	4528	100	473	5101	89	4742	0	2739	2469	-609	11792	11	11803	1512	13315	50.06
3	4531	115	463	5109	77	4737	0	2550	2326	-545	11704	11	11715	1448	13163	50.05
4	4527	100	473	5100	81	4769	0	2377	2292	-499	11743	11	11754	1401	13155	50.04
5	4541	110	463	5114	96	4747	0	2929	2537	-500	11994	11	12005	1402	13407	50.02
6	4580	115	461	5156	61	4708	0	3612	3300	-558	12667	15	12682	1461	14143	50.04
7	4584	195	469	5248	66	4713	0	3963	4167	-610	13584	15	13599	1513	15112	50.00
8	4569	1052	470	6091	65	4777	6	3731	4419	-606	14752	15	14767	1558	16325	49.97
9	4543	1093	454	6090	95	5121	56	4528	4593	-701	15254	15	15269	1667	16936	49.99
10	4559	788	471	5818	85	5284	105	4897	5018	-773	15537	15	15552	1794	17346	50.01
11	4568	680	447	5695	113	5297	152	4972	5187	-890	15554	15	15569	1911	17480	49.99
12	4552	510	426	5488	122	5274	163	4984	5378	-898	15527	15	15542	1918	17460	50.01
13	4549	174	448	5171	159	5214	177	4961	5147	-907	14961	15	14976	1930	16906	50.02
14	4528	124	424	5076	113	5082	180	4925	4907	-838	14520	15	14535	1860	16395	50.04
15	4525	114	421	5060	121	4825	144	4916	4966	-797	14319	11	14330	1817	16147	50.06
16	4539	199	445	5183	82	4724	103	4912	5089	-801	14380	11	14391	1781	16172	50.03
17	4514	156	428	5098	95	4731	72	4863	4644	-851	13789	11	13800	1761	15561	50.00
18	4514	185	441	5140	39	4723	11	3816	3882	-876	12919	11	12930	1780	14710	50.04
19	4524	180	445	5149	71	4716	0	4352	4222	-1046	13112	11	13123	1950	15073	50.02
20	4507	175	449	5131	82	4713	0	4568	4512	-1090	13348	11	13359	1996	15355	50.01
21	4530	175	446	5151	81	4714	0	4025	3845	-1063	12728	11	12739	1997	14736	50.07
22	4491	185	449	5125	101	4721	0	3139	3120	-1067	12000	11	12011	1974	13985	50.05
23	4526	180	464	5170	128	4708	0	2642	2438	-971	11473	11	11484	1877	13361	50.01
24	4491	119	452	5062	146	4741	0	2536	2502	-841	11610	11	11621	1748	13369	50.05
MUs	108.8	6.95	10.85	126.67	2.24	116.51	1.17	93.67	93.59	-19.07	321.12	0.31	321.42	41.69	363.12	50.03

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 10/Jan/2016

Position as on 6.30 Hrs of 11/Jan/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyana Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
RINFRA-G	REL Unit 1	250	03/01/2016	23.46		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPP	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPP	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPP	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPP	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPP	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPP	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPP	Dabhol 2B	230	08/08/2013	15.03		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	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
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	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
IPP	Adani U-4	660	14/12/2015	06.55		Continued.	Hot air line leakage	
IPP	JSW (J) U3	300	23/12/2015	13.18	10/01/2016	16.08	Economic shutdown	
MSPGCL	Chandrapur Unit 5	500	27/12/2015	18.50		Continued.	Capital Overhaul.	
MSPGCL	Koradi Unit-8	660	02/01/2016	01.12	11/01/2016	03.36	LILLO arrangement for 400KV koradi I to India Bulls Line and charging of 400 KV koradi II to Wardha(PG) line.	
MSPGCL	Koyana STG-IV Unit-3	250	06/01/2016	11.00		Continued.	Spherical Valve Problem	
MSPGCL	Nasik Unit 4	210	06/01/2016	12.40	11/01/2016	01.02	Boiler Tube Leakage	
CPP	WPCL U-1	135	07/01/2016	02.00		Continued.	Withdrawn, changeover to Unit-3	
IPP	RPL(AMT) U-5	270	11/01/2016	04.49		Continued.	P.A.Fan Problem.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 10/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 11/Jan/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							
Kolhapur Solapur(PG) I	InterState	09/01/2016	17.24	10/01/2016	07.11	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	09/01/2016	17.36	10/01/2016	08.50	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	10/01/2016	16.56	11/01/2016	06.55	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	10/01/2016	17.16		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over
Babhaleshwar-Taptitanda ckt-II	IntraState	09/01/2016	11.53		Continued.	PO	Change Over.
karad -kolhapur-I	IntraState	09/01/2016	16.16		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	09/01/2016	16.35		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	09/01/2016	17.25	10/01/2016	09.01	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	09/01/2016	20.26	10/01/2016	10.07	HT	Over Voltage
Main Bus I @ Kalwa	IntraState	10/01/2016	08.13	10/01/2016	19.30	PO	Isolator Replacement Work 29A of ICT-II HV Side.
Lonikand I - Koyna stage-IV	IntraState	10/01/2016	16.44		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/01/2016	17.16		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-III @Talegaon(PG)	InterState	22/11/2015	17.10		Continued.	PO	Annual Maintenance Work
220 KV LINE Outages/Trippings							
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.
Parli 2-(Girwali) -Murud	IntraState	31/12/2015	10.15		Continued.	PO	Replacement of Bus and Line side Isolator
Dahanu Versova	IntraState	04/01/2016	08.35		Continued.	PO	Dismantling of broad base tower & Erection of narrow base tower.
Boisar Versova Line	IntraState	04/01/2016	08.47		Continued.	PO	Dismantling of broad base tower & Erection of narrow base tower.
Trombay MSETCL Tie 2	IntraState	10/01/2016	05.54	10/01/2016	11.08	T	SF6 Gas Low.
Borivali - Ghodbunder	IntraState	10/01/2016	08.45	10/01/2016	15.18	PO	Safety Purpose.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	07/01/2016	05.10		Continued.	T	Failure of 33KV Spare Breaker
220/132/11 Kv 200 Mva Trans & Rect Ict 1 @Amravati	IntraState	10/01/2016	10.44	10/01/2016	16.54	PO	Testing of ICT.

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