

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.374	120.374	1) Gujrat	-7.335	-7.335
2) Hydro	10.659	10.659	2) Madhya Pradesh	2.700	2.700
3) Gas	8.213	8.213	3) Chattisgarh	3.460	3.460
Total MSPGCL	139.246	139.246	4) Maharashtra Net	54.188	54.188
B) 1) APMIL	46.626	46.626	5) Goa (Amona)	-0.638	-0.638
2) JSWEL	18.363	18.363	6) TAPS 1&2 Injection	3.672	3.672
3) VIPL	10.135	10.135	7) RGPPL Injection	6.379	6.379
4) RPL(AMT)	24.171	24.171	8) Pench (MS)	0.499	0.499
5) WPCL	4.710	4.710	9) Pench (Excess)	-0.499	-0.499
6) Other IPP	11.018	11.018	Total	61.927	61.927
C) 1) TPCL Thermal	12.609	12.609	a) Mumbai Schedule	11.933	11.933
2) TPCL Hydro	1.658	1.658	b) Mumbai Drawl	20.845	20.845
3) TPCL Gas	2.814	2.814	c) MSEDCL Bilateral *	-0.089	-0.089
4) R-INFRA Thermal	9.711	9.711	Include PX	-17.726	-17.726
D) STATE			d) Mumbai Bilateral *	11.933	11.933
1) Thermal	257.717	257.717	Include PX	-0.508	-0.508
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	12.317	12.317	H) ENERGY CATERED (MUs)		
3) Gas	11.027	11.027	1) MSEDCL	304.800	304.800
4) Wind	8.275	8.275	2) Mumbai Discoms	47.637	47.637
6) SOLAR	1.174	1.174	TOTAL STATE	352.437	352.437
TOTAL STATE	290.510	290.510			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5222	5038	4989	5047
MSPGCL Hydro	574	185	685	68
MSPGCL Gas	283	284	290	453
MSPGCL Total Generation	6079	5507	5964	5568
Central Sector Receipt	3853	3883	3118	777
WIND	453	491	209	498
CPP / IPP	5308	5018	4682	4655
SOLAR	144	200	0	0
Exchange with Mumbai	-1144	-1131	-1111	-358
MSEDCL DEMAND MET	14693	13968	12862	11140
Load Shedding	15	15	15	12
MSEDCL DEMAND	14708	13983	12877	11152
TPCL GENERATION	756	832	798	699
R-INFRA GENERATION	406	406	404	407
MUMBAI DEMAND	2306	2369	2313	1464
STATE DEMAND MET	16999	16337	15175	12604
STATE DEMAND	17014	16352	15190	12616
Frequency (Hz)	49.95	49.90	49.98	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 17.02 Hrs	49.72 Hz at 08.06 Hrs	49.95	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/Jan/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.02	0.02	20	0
Unit 6	0.00	0.00	0	0
Unit 7	3.76	3.76	170	150
Unit 8	11.87	11.87	621	350
Total	15.65	15.65		
Bhusawal				
Unit 2	4.04	4.04	175	155
Unit 3	4.13	4.13	180	160
Unit 4	9.40	9.40	410	370
Unit 5	9.32	9.32	410	370
Total	26.89	26.89		
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	3.07	3.07	137	122
Unit 3	4.13	4.13	181	165
Unit 4	4.29	4.29	185	171
Unit 5	0.00	0.00	0	0
Unit 6	9.06	9.06	390	365
Unit 7	9.75	9.75	420	380
Total	30.31	30.31		
Paras				
Unit 3	4.72	4.72	207	187
Unit 4	4.65	4.65	201	190
Total	9.37	9.37		
Khaparkheda				
Unit 1	3.80	3.80	170	145
Unit 2	4.08	4.08	180	155
Unit 3	3.90	3.90	167	151
Unit 4	3.67	3.67	159	150
Unit 5	8.92	8.92	390	348
Total	24.38	24.38		
Nasik				
Unit 3	4.66	4.66	200	185
Unit 4	4.52	4.52	194	178
Unit 5	4.60	4.60	198	183
Total	13.78	13.78		
Uran				
All Units	8.21	8.21	453	280
Total	8.21	8.21		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.50	0.50	45	0
Total	0.50	0.50		
Koyna				
Stage 1-2	3.20	3.20	405	40
Stage 4	2.71	2.71	459	0
Stage 3	1.83	1.83	240	0
Total	7.74	7.74		
Hydro				
KDPH	0.59	0.59	37	0
VTRNA	0.60	0.60	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	0.21	80	0
RNGR+BHTSA	0.27	0.27	12	11
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.42	0.42	18	17
GHATGHAR	0.84	0.84	240	0
Total	2.92	2.92		
Wind				
Total	8.28	8.28	0	0
Total	8.28	8.28		
CPP				
APML(Mus)	46.63	46.63	0	0
JSWEL(Mus)	18.36	18.36	0	0
VIPL(Mus)	10.14	10.14	0	0
RPLAMT(Mus)	24.17	24.17	0	0
WPCL(Mus)	4.71	4.71	0	0
Other(Mus)	11.02	11.02	0	0
Total	115.02	115.02		
SOLAR				
Total	1.17	1.17	0	0
Total	1.17	1.17		
Tata				
Trombay 5	7.65	7.65	337	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.65	1.65	115	0
Trombay 7B	1.16	1.16	68	0
Trombay 8	4.96	4.96	223	199
TATA Hydro	1.66	1.66	204	0
Total	17.08	17.08		
R-INFRA				
1-2	9.71	9.71	407	401
Total	9.71	9.71		

Infirm Power	Chandrapur 8	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	120.37	120.37
MSPGCL Thml+Gas	128.59	128.59

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	10.66	10.66
MSPGCL Total	139.25	139.25

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.91	5.91
State Total	290.51	290.51

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	5071	133	453	5657	418	4659	0	1157	1255	-608	11381	22	11403	1708	13111	49.96
2	5005	103	452	5560	447	4651	0	1315	1178	-484	11352	12	11364	1585	12949	49.99
3	5028	68	452	5548	506	4647	0	939	950	-417	11234	12	11246	1517	12763	49.95
4	5047	68	453	5568	498	4655	0	935	777	-358	11140	12	11152	1464	12616	49.93
5	5060	143	439	5642	512	4649	0	855	985	-350	11438	12	11450	1449	12899	49.92
6	5066	263	407	5736	501	4639	0	1468	1558	-434	12000	15	12015	1527	13542	49.99
7	5044	372	395	5811	451	4647	0	2615	2547	-525	12931	15	12946	1602	14548	49.90
8	5010	909	402	6321	427	4656	6	3373	3305	-545	14170	15	14185	1695	15880	49.87
9	5055	1058	366	6479	287	4906	62	3773	3791	-723	14802	15	14817	1893	16710	49.86
10	5105	1018	315	6438	316	5208	112	4036	3747	-1052	14769	15	14784	2151	16935	49.90
11	5222	574	283	6079	453	5308	144	4150	3853	-1144	14693	15	14708	2306	17014	49.95
12	5183	262	280	5725	543	5238	171	4183	3950	-1176	14451	15	14466	2371	16837	49.92
13	5038	185	284	5507	491	5018	200	3882	3883	-1131	13968	15	13983	2369	16352	49.90
14	5045	166	287	5498	377	4990	150	3771	3449	-1105	13359	18	13377	2273	15650	50.00
15	5005	106	283	5394	277	4924	149	3803	3736	-1117	13363	15	13378	2272	15650	50.01
16	4971	196	294	5461	273	4832	109	3795	3797	-1104	13368	15	13383	2269	15652	49.97
17	4964	128	289	5381	298	4686	62	3693	3396	-1001	12822	15	12837	2250	15087	49.93
18	4982	167	290	5439	259	4669	9	2741	2584	-1082	11878	15	11893	2238	14131	49.99
19	4989	685	290	5964	209	4682	0	2843	3118	-1111	12862	15	12877	2313	15190	49.98
20	4977	482	290	5749	194	4690	0	3308	3261	-1128	12766	15	12781	2331	15112	49.99
21	4924	633	300	5857	188	4672	0	2374	2632	-1153	12196	15	12211	2181	14392	49.95
22	4936	1051	300	6287	144	4671	0	1176	1423	-1136	11389	15	11404	2069	13473	50.04
23	4870	1078	311	6259	105	4669	0	1092	1223	-1036	11220	15	11235	1957	13192	49.95
24	4777	811	298	5886	101	4658	0	1415	1531	-925	11251	15	11266	1847	13113	50.00
MUs	120.37	10.66	8.21	139.25	8.28	115.02	1.17	62.69	61.93	-20.84	304.80	0.36	305.16	47.64	352.80	49.95

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/Jan/2016

Position as on 6.30 Hrs of 02/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	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPPL	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		Continued.	Economic shutdown	
MSPGCL	Chandrapur Unit 5	500	27/12/2015	18.50		Continued.	Capital Overhaul.	
IPP	WPCL U-3	135	29/12/2015	05.56		Continued.	PA Fan problem	
CENT.SECTOR	TARAPUR-3	540	31/12/2015	18.09		Continued.	Tripped on Jerk on 400KV Kalwa-Padgha Line	
MSPGCL	Koradi Unit 5	200	01/01/2016	00.12		Continued.	ID Fan Problem	
TPC-G	Trombay 7B	60	01/01/2016	21.07		Continued.	Replacing fine Filters of GT(48Hrs)	
TPC-G	Trombay 7A	120	01/01/2016	21.37		Continued.	Replacing fine Filters of GT(48Hrs)	
MSPGCL	Koradi Unit-8	660	02/01/2016	01.12		Continued.	LILO arrangement for 400KV koradi I to India Bulls Line and charging of 400 KV koradi II to Wardha(PG) line.	

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

Statement-VII

Position as on 6.30 Hrs of 02/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							
Dhule Sar'Sarovar I	InterState	31/12/2015	17.20	01/01/2016	07.23	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	31/12/2015	18.10	01/01/2016	08.40	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	01/01/2016	16.37		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	01/01/2016	17.05		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	01/01/2016	18.02		Continued.	T	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	19/12/2015	07.28		Continued.	HT	Over Voltage (RFC 17.58 Hrs)
Karad-Jaigad - I	IntraState	29/12/2015	16.07		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	30/12/2015	15.53		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	30/12/2015	18.29		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	31/12/2015	11.09	01/01/2016	10.28	PO	Insulator repl.work(RFC 19.10Hrs)
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Chanage over
Lonikand I - Koyna stage-IV	IntraState	01/01/2016	16.40		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	02/01/2016	06.17		Continued.	EO	To remove Earth Wire
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-III @Talegaon(PG)	InterState	22/11/2015	17.10		Continued.	PO	Annual Maintenance Work
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	23/12/2015	15.55		Continued.	PO	Y & B Phase Unit replacement(For 10days)
220 KV LINE Outages/Trippings							
Mahalakshmi Amona	InterState	01/01/2016	11.28	01/01/2016	19.55	PO	Insulator cleaning work
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.
Wadkhal - Ndil3	IntraState	14/11/2015	10.58		Continued.	PO	Strengthening work
Wadkhal - Ipcl 2	IntraState	19/12/2015	11.00		Continued.	PO	Conductor Replacement Work With High Amacity Conductor.
Parli 2-(Girwali) -Murud	IntraState	31/12/2015	10.15		Continued.	PO	Replacement of Bus and Line side Isolator
Badnera-Akola I	IntraState	01/01/2016	08.51	01/01/2016	18.00	PO	Repl.of Line Insulators
Deepnagar Amalner	IntraState	01/01/2016	08.56	01/01/2016	19.12	PO	Repl.of Line Insulators
Parli 3 (Old Gcr)-Osmanabad	IntraState	01/01/2016	10.00	01/01/2016	18.28	PO	Attending Oil Leakage
Waluj-Padegaon I	IntraState	01/01/2016	11.50	01/01/2016	13.33	EO	To attend Hot Spot
Boisar(M) - Ghodbunder	IntraState	01/01/2016	16.34	01/01/2016	20.49	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/100 Kv 200 MVA ICT II @Kolshet	IntraState	01/01/2016	11.48	01/01/2016	17.06	EO	Attending Oil Leakage
132 KV LINE Outages/Trippings							
Pusad-Gunj	IntraState	02/01/2016	04.55	02/01/2016	05.25	T	R phase 132KV Bus PT Burst
Umarkhed-Gunj	IntraState	02/01/2016	04.55	02/01/2016	06.15	T	R phase 132KV Bus PT Burst

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