

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Jan/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	107.773	556.775	1) Gujrat	-5.695	-28.195
2) Hydro	9.864	59.069	2) Madhya Pradesh	5.496	24.571
3) Gas	10.769	48.785	3) Chattisgarh	4.940	22.170
Total MSPGCL	128.406	664.629	4) Maharashtra Net	87.783	354.220
B) 1) APMIL	52.852	252.327	5) Goa (Amona)	-0.506	-2.651
2) JSWEL	19.839	95.960	6) TAPS 1&2 Injection	3.649	18.380
3) VIPL	10.120	51.213	7) RGPPL Injection	5.906	31.166
4) RPL(AMT)	23.063	115.987	8) Pench (MS)	0.321	2.306
5) WPCL	4.885	23.685	9) Pench (Excess)	-0.321	-2.306
6) Other IPP	10.106	53.702	Total	101.252	417.355
C) 1) TPCL Thermal	14.304	69.445	a) Mumbai Schedule	15.541	66.564
2) TPCL Hydro	3.139	11.383	b) Mumbai Drawl	24.576	105.946
3) TPCL Gas	4.366	12.347	c) MSEDCL Bilateral *	22.062	69.366
4) R-INFRA Thermal	4.862	40.241	Include PX	-0.965	-40.261
D) STATE			d) Mumbai Bilateral *	15.541	66.564
1) Thermal	247.804	1259.335	Include PX	3.238	5.098
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	13.003	70.452	H) ENERGY CATERED (MUs)		
3) Gas	15.135	61.132	1) MSEDCL	329.169	1593.414
4) Wind	2.103	18.650	2) Mumbai Discoms	51.247	239.362
6) SOLAR	1.119	5.852	TOTAL STATE	380.416	1832.776
TOTAL STATE	279.164	1415.421			

* 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 3 Hrs
MSPGCL Thermal	4856	4565	4532	4397
MSPGCL Hydro	684	398	343	78
MSPGCL Gas	438	435	428	474
MSPGCL Total Generation	5978	5398	5303	4949
Central Sector Receipt	5095	5171	4698	2768
WIND	80	42	74	97
CPP / IPP	5602	5443	5562	4474
SOLAR	146	163	0	0
Exchange with Mumbai	-1156	-1132	-1485	-566
MSEDCL DEMAND MET	15745	15085	14152	11722
Load Shedding	13	13	12	10
MSEDCL DEMAND	15758	15098	14164	11732
TPCL GENERATION	1234	1284	889	702
R-INFRA GENERATION	201	203	202	203
MUMBAI DEMAND	2591	2619	2576	1471
STATE DEMAND MET	18336	17704	16728	13193
STATE DEMAND	18349	17717	16740	13203
Frequency (Hz)	49.97	49.91	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.01 Hrs	49.73 Hz at 12.47 Hrs	49.96	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 05/Jan/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.77	3.05	120	96
Unit 6	0.00	0.00	0	0
Unit 7	3.58	19.68	175	123
Unit 8	0.00	12.28	0	0
Total	6.35	35.01		
Bhusawal				
Unit 2	4.16	20.51	180	160
Unit 3	4.24	20.94	185	170
Unit 4	10.02	49.38	500	390
Unit 5	10.15	49.86	500	390
Total	28.56	140.68		
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	3.11	15.18	135	120
Unit 3	4.26	21.09	203	163
Unit 4	4.30	21.40	196	164
Unit 5	0.00	0.00	0	0
Unit 6	9.33	46.33	410	365
Unit 7	9.88	49.30	440	383
Total	30.88	153.30		
Paras				
Unit 3	2.72	22.04	244	0
Unit 4	5.31	24.88	260	190
Total	8.04	46.92		
Khaparkheda				
Unit 1	3.75	19.14	165	145
Unit 2	3.92	19.84	175	140
Unit 3	4.17	20.13	190	165
Unit 4	3.72	14.86	175	145
Unit 5	9.28	46.53	500	353
Total	24.83	120.49		
Nasik				
Unit 3	0.00	15.41	0	0
Unit 4	4.49	22.03	193	175
Unit 5	4.63	22.94	195	189
Total	9.11	60.37		
Uran				
All Units	10.77	48.78	476	422
Total	10.77	48.78		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.32	2.31	24	0
Total	0.32	2.31		
Koyna				
Stage 1-2	3.67	22.04	510	40
Stage 4	2.06	16.65	589	0
Stage 3	1.16	8.91	160	0
Total	6.90	47.61		
Hydro				
KDPH	0.00	1.03	0	0
VTRNA	0.60	2.97	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	0.72	80	0
RNGR+BHTSA	0.13	1.08	11	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.53	2.71	23	22
GHATGHAR	1.56	2.94	250	0
Total	2.96	11.46		
Wind				
Total	2.10	18.65	0	0
Total	2.10	18.65		
CPP				
APML(Mus)	52.85	252.33	0	0
JSWEL(Mus)	19.84	95.96	0	0
VIPL(Mus)	10.12	51.21	0	0
RPLAMT(Mus)	23.06	115.99	0	0
WPCL(Mus)	4.88	23.68	0	0
Other(Mus)	10.11	53.70	0	0
Total	120.86	592.87		
SOLAR				
Total	1.12	5.85	0	0
Total	1.12	5.85		
Tata				
Trombay 5	8.73	42.86	469	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.75	7.79	115	114
Trombay 7B	1.62	4.56	68	66
Trombay 8	5.58	26.58	252	201
TATA Hydro	3.14	11.38	386	0
Total	21.81	93.18		
R-INFRA				
1-2	4.86	40.24	204	200
Total	4.86	40.24		

Infirm Power	Chandrapur 8	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	107.77	556.78
MSPGCL Thml+Gas	118.54	605.56

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.86	59.07
MSPGCL Total	128.41	664.63

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.74	38.70
State Total	279.16	1415.42

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/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	4310	222	472	5004	71	4460	0	3125	2999	-755	11779	18	11797	1659	13456	49.99
2	4349	222	461	5032	95	4465	0	3243	2917	-631	11878	10	11888	1538	13426	49.99
3	4397	78	474	4949	97	4474	0	3086	2768	-566	11722	10	11732	1471	13203	49.99
4	4396	72	462	4930	100	4472	0	2934	2931	-526	11907	10	11917	1434	13351	49.96
5	4313	227	463	5003	103	4473	0	2967	2838	-537	11880	10	11890	1444	13334	49.96
6	4296	660	465	5421	106	4462	0	3119	3287	-645	12631	13	12644	1553	14197	49.97
7	4320	1067	470	5857	161	4489	0	3948	4012	-787	13732	13	13745	1723	15468	49.95
8	4478	1279	468	6225	210	4770	6	4390	4915	-920	15206	13	15219	1891	17110	49.95
9	4798	688	476	5962	172	5375	54	4874	4745	-882	15426	13	15439	2082	17521	49.92
10	4831	612	453	5896	131	5571	107	5093	5081	-989	15797	13	15810	2398	18208	49.90
11	4856	684	438	5978	80	5602	146	5201	5095	-1156	15745	13	15758	2591	18349	49.97
12	4853	440	427	5720	43	5608	160	5234	5290	-1209	15612	13	15625	2621	18246	49.97
13	4565	398	435	5398	42	5443	163	5209	5171	-1132	15085	13	15098	2619	17717	49.91
14	4404	428	424	5256	47	5327	165	5126	4993	-1123	14665	15	14680	2525	17205	49.96
15	4390	437	422	5249	24	5402	144	5125	5461	-1206	15074	12	15086	2530	17616	49.93
16	4474	403	424	5301	26	5496	110	5144	5174	-1216	14891	12	14903	2548	17451	49.96
17	4517	134	425	5076	42	5535	54	5108	5183	-1278	14612	12	14624	2561	17185	49.92
18	4532	238	427	5197	60	5558	10	3849	4049	-1419	13455	12	13467	2541	16008	49.97
19	4532	343	428	5303	74	5562	0	4658	4698	-1485	14152	12	14164	2576	16740	49.97
20	4447	144	440	5031	101	5414	0	5294	4841	-1533	13854	12	13866	2491	16357	49.97
21	4439	140	450	5029	94	4852	0	4832	4876	-1407	13444	12	13456	2379	15835	49.95
22	4443	124	455	5022	65	4692	0	4146	3937	-1237	12479	12	12491	2192	14683	49.98
23	4449	446	455	5350	83	4689	0	2996	3049	-1053	12118	12	12130	2047	14177	49.94
24	4384	378	455	5217	76	4678	0	2893	2939	-884	12026	12	12038	1833	13871	49.96
MUs	107.77	9.86	10.77	128.41	2.10	120.87	1.12	101.59	101.25	-24.58	329.17	0.30	329.46	51.25	380.71	49.96

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 05/Jan/2016

Position as on 6.30 Hrs of 06/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	Koyna 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								
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	
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.	
IPP	RPL(AMT) U-5	270	03/01/2016	07.54	05/01/2016	13.40	Cooling Water Line Leakage.	
MSPGCL	Nasik Unit 3	210	04/01/2016	09.25		Continued.	BTL	
MSPGCL	Paras Unit 3	250	04/01/2016	22.48	05/01/2016	01.30	Furnace Pressure High	
MSPGCL	Paras Unit 3	250	05/01/2016	03.37	05/01/2016	06.50	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 05/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 06/Jan/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Raichur(PG)-Solapur(PG)- II	InterState	02/01/2016	10.46		Continued.	T	Distance Protection R & Y Ph.
400 KV LINE Outages/Trippings							
Dabhol Nagothane II	InterState	04/01/2016	04.00	05/01/2016	09.52	T	Over Voltage
Dhule Sar'Sarovar II	InterState	04/01/2016	13.06	05/01/2016	16.22	HT	Over voltage tripping at ssp end E/W broken at loc no 230
Kolhapur Solapur (PG) II	InterState	04/01/2016	17.29	05/01/2016	06.53	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	05/01/2016	17.16	06/01/2016	06.58	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	05/01/2016	21.27		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	19/12/2015	07.28		Continued.	HT	Over Voltage (RFC 17.58 Hrs)
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over
karad -kolhapur-II	IntraState	04/01/2016	11.40	05/01/2016	09.42	PO	Annual Maintenance Work (RFC 23:11)
Koradi-India Bulls	IntraState	04/01/2016	11.42		Continued.	PO	For Formation of KORadi-Indiabull CKT & Koradi-II - Wardha PG CKT.
Koradi - Koradi II	IntraState	04/01/2016	11.43		Continued.	PO	For Formation of KORadi-Indiabull CKT & Koradi-II - Wardha PG CKT.
Main Bus-I @ Koradi-II	IntraState	04/01/2016	11.43		Continued.	PO	For Formation of KORadi-Indiabull CKT & Koradi-II - Wardha PG CKT.
Karad-Jaigad - I	IntraState	04/01/2016	16.09	05/01/2016	11.08	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	04/01/2016	18.06	05/01/2016	07.25	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	04/01/2016	21.05	05/01/2016	09.28	HT	Over Voltage
Main Bus I @ Akola	IntraState	05/01/2016	09.27	05/01/2016	18.19	PO	Attending Hot Spot on bus 1
karad -kolhapur-I	IntraState	05/01/2016	16.07		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	05/01/2016	17.03		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/01/2016	17.10		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/01/2016	18.04		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
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							
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 - NdiI3	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
Urse-Chinchwad	IntraState	02/01/2016	11.35		Continued.	EO	Taken on TBC For Attending Hotspot @ Urse.
Dahanu Versova	IntraState	04/01/2016	08.35		Continued.	PO	Dismanting of broad base tower & Erection of narrow bas tower.
Boisar Versova Line	IntraState	04/01/2016	08.47		Continued.	PO	Dismanting of broad base tower & Erection of narrow bas tower.
Alephata-Pargaon(Kathapur)	IntraState	05/01/2016	00.17	05/01/2016	00.32	T	Distance Protection
Boisar(M) - Ghodbunder II	IntraState	05/01/2016	07.17	05/01/2016	15.57	PO	Safety purpose for bushing work of padghe-vasai line

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 05/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 06/Jan/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Talandage - Sawantwadi I	IntraState	05/01/2016	08.20	05/01/2016	18.12	PO	Tower erection work
Padghe - Vasai	IntraState	05/01/2016	08.26		Continued.	PO	Mumbai strengthening work
New Koyana - Loteparshuram	IntraState	05/01/2016	08.58	05/01/2016	17.24	PO	Testing Work
Eklahare (Ocr)Nasik - Padghe 2	IntraState	05/01/2016	09.14	05/01/2016	18.56	PO	Insulator Replacement Work
Vita - Miraj	IntraState	05/01/2016	10.01	05/01/2016	13.27	PO	Annual Maintenance Work
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	05/01/2016	10.41	05/01/2016	17.46	PO	Annual Maintenance Work
Mahad - Posco	IntraState	05/01/2016	11.35	05/01/2016	19.50	PO	lilo work for kandalgaon
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	05/01/2016	18.18	05/01/2016	23.45	T	Distance Protection
Eklahara(Gcr)(Nasik)- Bableswhar-I	IntraState	06/01/2016	05.18		Continued.	HT	for avaluating outage 220kv lonikand-kathapur & lonikand-rajangaon
Bus Coupler @ Babhaleshwar	IntraState	06/01/2016	05.24		Continued.	HT	managing ict loading
Eklahara(Gcr)(Nasik)- Bableswhar 2	IntraState	06/01/2016	05.27		Continued.	HT	for avaluating outage 220kv lonikand-kathapur & lonikand-rajangaon
Ranjangaon-Lonikand	IntraState	06/01/2016	06.03		Continued.	HT	for making lilo arremgment at lonikand-2
Pargaon(Kathapur)-Lonikand	IntraState	06/01/2016	06.22		Continued.	HT	for making lilo arremgment at lonikand-2
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 100 Mva Cgl Ict 2 @Tambati	IntraState	05/01/2016	10.35	05/01/2016	18.35	PO	Annual Maintenance Work
100 MVA T/F I @ Oglewadi	IntraState	05/01/2016	11.10	05/01/2016	14.50	PO	Attending Oil Leakage bushing

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