

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 06/Jan/2016 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	109.947	666.722	1) Gujrat	-2.517	-30.712
2) Hydro	8.847	67.916	2) Madhya Pradesh	5.038	29.609
3) Gas	10.839	59.624	3) Chattisgarh	4.740	26.910
Total MSPGCL	129.633	794.262	4) Maharashtra Net	88.903	443.123
B) 1) APML	48.736	301.063	5) Goa (Amona)	-0.490	-3.141
2) JSWEL	19.947	115.907	6) TAPS 1&2 Injection	3.639	22.019
3) VIPL	10.119	61.332	7) RGPPL Injection	5.907	37.073
4) RPL(AMT)	25.148	141.135	8) Pench (MS)	0.314	2.620
5) WPCL	4.300	27.985	9) Pench (Excess)	-0.314	-2.620
6) Other IPP	10.527	64.229	Total	104.906	522.261
C) 1) TPCL Thermal	15.628	85.073	a) Mumbai Schedule	15.742	82.306
2) TPCL Hydro	2.865	14.248	b) Mumbai Drawl	23.746	129.692
3) TPCL Gas	4.367	16.714	c) MSEDCL Bilateral *	24.189	93.555
4) R-INFRA Thermal	5.615	45.856	Include PX	-1.952	-42.213
D) STATE			d) Mumbai Bilateral *	15.742	82.306
1) Thermal	249.967	1509.302	Include PX	2.302	7.400
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	11.712	82.164	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	15.206	76.338	1) MSEDCL	332.155	1925.569
4) Wind	1.510	20.160	2) Mumbai Discoms	52.223	291.585
6) SOLAR	1.075	6.927	TOTAL STATE	384.378	2217.154
TOTAL STATE	279.470	1694.891			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4946	4707	4682	4425
MSPGCL Hydro	435	231	531	113
MSPGCL Gas	434	422	447	463
MSPGCL Total Generation	5815	5360	5660	5001
Central Sector Receipt	5375	5375	5106	2765
WIND	31	33	119	48
CPP / IPP	5569	5431	4711	4700
SOLAR	150	190	0	0
Exchange with Mumbai	-1158	-1151	-1394	-563
MSEDCL DEMAND MET	15782	15238	14202	11951
Load Shedding	13	13	13	10
MSEDCL DEMAND	15795	15251	14215	11961
TPCL GENERATION	1276	1260	900	698
R-INFRA GENERATION	254	258	257	204
MUMBAI DEMAND	2688	2669	2551	1465
STATE DEMAND MET	18470	17907	16753	13416
STATE DEMAND	18483	17920	16766	13426
Frequency (Hz)	49.91	49.91	49.96	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.01 Hrs	49.72 Hz at 07.29 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 06/Jan/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.80	5.84	135	110
Unit 6	0.00	0.00	0	0
Unit 7	4.07	23.75	180	132
Unit 8	0.00	12.28	0	0
Total	6.86	41.87		
Bhusawal				
Unit 2	4.14	24.64	180	165
Unit 3	4.14	25.08	185	165
Unit 4	10.48	59.85	500	390
Unit 5	10.52	60.38	510	380
Total	29.27	169.96		
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	3.04	18.22	130	123
Unit 3	4.19	25.28	188	167
Unit 4	4.32	25.72	198	167
Unit 5	0.00	0.00	0	0
Unit 6	9.28	55.61	435	360
Unit 7	9.40	58.70	415	370
Total	30.23	183.53		
Paras				
Unit 3	5.31	27.35	252	188
Unit 4	5.10	29.98	240	190
Total	10.42	57.34		
Khaparkheda				
Unit 1	3.84	22.98	170	150
Unit 2	3.86	23.70	175	150
Unit 3	4.10	24.23	179	168
Unit 4	3.88	18.73	163	160
Unit 5	9.05	55.58	460	360
Total	24.74	145.23		
Nasik				
Unit 3	1.56	16.97	195	0
Unit 4	2.25	24.28	193	0
Unit 5	4.62	27.55	199	181
Total	8.43	68.80		
Uran				
All Units	10.84	59.62	476	422
Total	10.84	59.62		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.31	2.62	20	0
Total	0.31	2.62		
Koyna				
Stage 1-2	3.58	25.63	530	40
Stage 4	1.11	17.77	466	0
Stage 3	1.06	9.97	206	0
Total	5.76	53.37		
Hydro				
KDPH	0.48	1.51	37	0
VTRNA	0.58	3.55	61	0
TILLARI	0.18	0.18	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	0.86	80	0
RNGR+BHTSA	0.17	1.25	7	6
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.52	3.23	22	21
GHATGHAR	1.02	3.96	125	0
Total	3.09	14.55		
Wind				
Total	1.51	20.16	0	0
Total	1.51	20.16		
CPP				
APML(Mus)	48.74	301.06	0	0
JSWEL(Mus)	19.95	115.91	0	0
VIPL(Mus)	10.12	61.33	0	0
RPLAMT(Mus)	25.15	141.14	0	0
WPCL(Mus)	4.30	27.98	0	0
Other(Mus)	10.53	64.23	0	0
Total	118.78	711.65		
SOLAR				
Total	1.08	6.93	0	0
Total	1.08	6.93		
Tata				
Trombay 5	9.95	52.82	469	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.75	10.54	115	114
Trombay 7B	1.62	6.17	68	66
Trombay 8	5.67	32.26	249	200
TATA Hydro	2.86	14.25	382	2
Total	22.86	116.04		
R-INFRA				
1-2	5.62	45.86	259	202
Total	5.62	45.86		

Infirm Power	Chandrapur 8	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	109.95	666.72
MSPGCL Thml+Gas	120.79	726.35

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.85	67.92
MSPGCL Total	129.63	794.26

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.70	43.40
State Total	279.47	1694.89

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 06/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	4408	188	462	5058	76	4686	0	3024	3179	-785	12214	19	12233	1696	13929	49.98
2	4391	148	462	5001	49	4685	0	2903	2929	-672	11992	10	12002	1573	13575	49.97
3	4420	149	465	5034	42	4692	0	2803	2922	-605	12085	10	12095	1504	13599	49.97
4	4425	113	463	5001	48	4700	0	2804	2765	-563	11951	10	11961	1465	13426	49.97
5	4425	79	476	4980	54	4689	0	2798	2970	-570	12123	10	12133	1471	13604	50.00
6	4451	199	465	5115	62	4709	0	3220	3723	-621	12988	13	13001	1571	14572	49.97
7	4471	479	475	5425	59	4992	0	4149	4315	-661	14130	13	14143	1739	15882	49.94
8	4481	677	475	5633	68	5035	4	4873	5105	-773	15072	13	15085	1924	17009	49.98
9	4531	900	473	5904	49	5110	51	5051	5334	-916	15532	13	15545	2163	17708	49.95
10	4685	1010	451	6146	35	5351	95	5167	5361	-1026	15962	13	15975	2442	18417	49.95
11	4923	769	468	6160	30	5540	140	5275	4763	-1183	15450	13	15463	2666	18129	49.93
12	4946	435	434	5815	31	5569	150	5211	5375	-1158	15782	13	15795	2688	18483	49.91
13	4707	231	422	5360	33	5431	190	5191	5375	-1151	15238	13	15251	2669	17920	49.91
14	4499	236	426	5161	32	5283	151	5120	5406	-1120	14913	16	14929	2560	17489	49.95
15	4609	251	424	5284	38	5212	143	5128	5223	-1054	14846	13	14859	2584	17443	49.89
16	4662	310	433	5405	36	5168	86	5128	5395	-1050	15040	13	15053	2586	17639	49.89
17	4688	260	424	5372	36	5027	55	5081	5284	-1242	14532	13	14545	2571	17116	49.89
18	4746	307	430	5483	50	4728	10	4395	4615	-1340	13546	13	13559	2565	16124	49.95
19	4765	460	444	5669	80	4705	0	4814	5016	-1377	14093	13	14106	2611	16717	49.94
20	4682	531	447	5660	119	4711	0	4935	5106	-1394	14202	13	14215	2551	16766	49.96
21	4533	196	440	5169	124	4704	0	3932	4569	-1295	13271	13	13284	2452	15736	49.97
22	4508	176	452	5136	115	4694	0	4165	3947	-1174	12718	13	12731	2240	14971	50.00
23	4513	238	465	5216	112	4673	0	3004	3259	-1078	12182	13	12195	2039	14234	49.94
24	4478	505	463	5446	132	4685	0	2394	2970	-938	12295	13	12308	1891	14199	49.96
MUs	109.95	8.85	10.84	129.63	1.51	118.78	1.07	100.57	104.91	-23.75	332.16	0.31	332.46	52.22	384.69	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 06/Jan/2016

Position as on 6.30 Hrs of 07/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								
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.	
MSPGCL	Nasik Unit 3	210	04/01/2016	09.25	06/01/2016	12.24	BTL	
MSPGCL	Nasik Unit 4	210	06/01/2016	12.40		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 07/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							
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	06/01/2016	07.02	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	06/01/2016	18.09		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	06/01/2016	22.06		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
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 -kolhapur-I	IntraState	05/01/2016	16.07	06/01/2016	09.16	HT	Over Voltage
Karad - Jaigad - II	IntraState	05/01/2016	17.03	06/01/2016	09.29	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/01/2016	17.10	06/01/2016	09.21	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/01/2016	18.04	06/01/2016	10.01	HT	Over Voltage
Koradi-Khaperkheda li	IntraState	06/01/2016	12.33	06/01/2016	15.37	PO	Taken on TBC To Attend Gas Leakage.
karad -kolhapur-I	IntraState	06/01/2016	15.13		Continued.	EO	For Attending Hot Spot on Isolator(RFC @ 1953 Hrs).
Karad - Jaigad - II	IntraState	06/01/2016	16.08		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	06/01/2016	18.08		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/01/2016	20.51		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 - 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
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.
Padghe - Vasai	IntraState	05/01/2016	08.26		Continued.	PO	Mumbai strengthening work
Eklahara(Gcr)(Nasik)- Bableshwar-I	IntraState	06/01/2016	05.18		Continued.	HT	for avaluig outage 220kv lonikand-kathapur & lonikand-rajangaon
Bus Coupler @ Babhaleshwar	IntraState	06/01/2016	05.24		Continued.	HT	managing ict loading

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 06/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 07/Jan/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	06/01/2016	05.27		Continued.	HT	for ailing 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
New Koyna - Pedambe	IntraState	06/01/2016	08.20	06/01/2016	18.50	PO	Diagnostic Testing.
Badnera-Akola li	IntraState	06/01/2016	09.25	06/01/2016	13.25	PO	Replacement of Disc Insulator.
Beed-Patoda Ckt 1	IntraState	06/01/2016	09.42	06/01/2016	13.52	PO	Quarterly Maintainance Work
Mudshingi-Wathar	IntraState	06/01/2016	10.15	06/01/2016	16.55	PO	Quarterly Maintainance Work
Apta - Tambati	IntraState	06/01/2016	10.51	06/01/2016	17.02	PO	Replacement of Faulty Relay.
Kalmeshwar-Pandhurna	IntraState	06/01/2016	12.17	06/01/2016	16.10	PO	Replacement of Damage Suspension String.
Butibori - Wardha	IntraState	06/01/2016	12.33	06/01/2016	14.01	PO	For Signature Test.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	06/01/2016	12.53	06/01/2016	13.16	T	Distance Protection
Chinchwad- Parvati	IntraState	06/01/2016	23.05	07/01/2016	05.00	PO	Providing Bunching of Loc No. 52 & Line Charge as Parvati-Nanded City.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132 Kv 200 Mva Emco lct 2 @Ambazari	IntraState	06/01/2016	10.28	06/01/2016	12.14	PO	Attending Oil Leakage on Top Cover of Main Tank.
132 KV LINE Outages/Trippings							
Telgaon - Majalgaon	IntraState	06/01/2016	01.55	06/01/2016	02.07	T	Distance Protection Operated Zone-I.

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