

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	110.426	335.357	1) Gujrat	-6.091	-19.598
2) Hydro	11.129	39.789	2) Madhya Pradesh	4.915	13.808
3) Gas	10.917	19.130	3) Chattisgarh	4.660	12.240
Total MSPGCL	132.472	394.276	4) Maharashtra Net	69.876	184.641
B) 1) APMIL	49.825	148.287	5) Goa (Amona)	-0.356	-1.675
2) JSWEL	18.742	56.604	6) TAPS 1&2 Injection	3.688	11.042
3) VIPL	10.389	30.968	7) RGPPL Injection	6.372	19.148
4) RPL(AMT)	22.257	72.754	8) Pench (MS)	0.580	1.494
5) WPCL	4.559	13.953	9) Pench (Excess)	-0.580	-1.494
6) Other IPP	11.396	32.853	Total	82.484	218.112
C) 1) TPCL Thermal	14.060	41.116	a) Mumbai Schedule	11.710	35.514
2) TPCL Hydro	0.178	4.603	b) Mumbai Drawl	16.335	58.089
3) TPCL Gas	1.053	3.867	c) MSEDCL Bilateral *	18.105	24.871
4) R-INFRA Thermal	10.206	30.525	Include PX	-3.966	-36.352
D) STATE			d) Mumbai Bilateral *	11.710	35.514
1) Thermal	251.860	762.417	Include PX	-0.495	-1.456
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	11.307	44.392	H) ENERGY CATERED (MUs)		
3) Gas	11.970	22.997	1) MSEDCL	319.006	926.310
4) Wind	2.058	13.026	2) Mumbai Discoms	41.832	138.200
6) SOLAR	1.159	3.566	TOTAL STATE	360.838	1064.510
TOTAL STATE	278.354	846.398			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4668	4717	4592	4514
MSPGCL Hydro	1024	324	479	525
MSPGCL Gas	451	420	444	466
MSPGCL Total Generation	6143	5461	5515	5505
Central Sector Receipt	4641	4746	4184	1652
WIND	77	31	81	202
CPP / IPP	5375	5426	4511	4749
SOLAR	107	167	0	0
Exchange with Mumbai	-538	-820	-901	-506
MSEDCL DEMAND MET	15805	15011	13390	11602
Load Shedding	14	14	12	10
MSEDCL DEMAND	15819	15025	13402	11612
TPCL GENERATION	764	715	631	514
R-INFRA GENERATION	514	407	404	404
MUMBAI DEMAND	1816	1942	1936	1424
STATE DEMAND MET	17621	16953	15326	13026
STATE DEMAND	17635	16967	15338	13036
Frequency (Hz)	49.92	49.91	49.95	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06:03 Hrs	49.74 Hz at 09:19 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 03/Jan/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.02	0	0
Unit 6	0.00	0.00	0	0
Unit 7	4.13	12.00	185	160
Unit 8	0.00	12.28	0	0
Total	4.13	24.30		
Bhusawal				
Unit 2	4.13	12.24	180	165
Unit 3	4.17	12.48	180	165
Unit 4	9.54	29.30	445	370
Unit 5	9.77	29.50	500	380
Total	27.60	83.52		
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	2.96	9.11	130	117
Unit 3	4.18	12.61	202	163
Unit 4	4.28	12.87	199	166
Unit 5	0.00	0.00	0	0
Unit 6	9.35	27.83	425	372
Unit 7	9.90	29.53	420	405
Total	30.68	91.95		
Paras				
Unit 3	4.88	14.66	250	183
Unit 4	4.89	9.54	256	190
Total	9.77	24.20		
Khaparkheda				
Unit 1	3.94	11.60	175	160
Unit 2	4.03	12.03	180	135
Unit 3	3.98	11.82	174	160
Unit 4	3.64	7.33	158	144
Unit 5	9.39	28.03	500	360
Total	24.97	70.81		
Nasik				
Unit 3	4.54	13.73	195	180
Unit 4	4.15	13.12	190	157
Unit 5	4.57	13.72	195	177
Total	13.27	40.57		
Uran				
All Units	10.92	19.13	487	418
Total	10.92	19.13		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.58	1.49	50	0
Total	0.58	1.49		
Koyna				
Stage 1-2	3.37	13.94	365	40
Stage 4	3.90	12.57	522	0
Stage 3	2.01	6.63	160	0
Total	9.28	33.14		
Hydro				
KDPH	0.00	1.03	0	0
VTRNA	0.58	1.76	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	0.48	40	0
RNGR+BHTSA	0.27	0.77	12	11
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.61	1.50	26	25
GHATGHAR	0.26	1.11	125	0
Total	1.84	6.65		
Wind				
Total	2.06	13.03	0	0
Total	2.06	13.03		
CPP				
APML(Mus)	49.82	148.29	0	0
JSWEL(Mus)	18.74	56.60	0	0
VIPL(Mus)	10.39	30.97	0	0
RPLAMT(Mus)	22.26	72.75	0	0
WPCL(Mus)	4.56	13.95	0	0
Other(Mus)	11.40	32.85	0	0
Total	117.17	355.42		
SOLAR				
Total	1.16	3.57	0	0
Total	1.16	3.57		
Tata				
Trombay 5	8.82	25.50	471	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.83	2.48	115	1
Trombay 7B	0.22	1.38	57	12
Trombay 8	5.24	15.62	251	198
TATA Hydro	0.18	4.60	74	0
Total	15.29	49.59		
R-INFRA				
1-2	10.21	30.52	517	323
Total	10.21	30.52		

Infirm Power	Chandrapur 8	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	110.43	335.36
MSPGCL Thml+Gas	121.34	354.49

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	11.13	39.79
MSPGCL Total	132.47	394.28

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	7.27	26.51
State Total	278.35	846.40

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/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	4502	708	463	5673	116	4743	0	2219	1960	-726	11766	18	11784	1645	13429	49.94
2	4493	693	466	5652	160	4747	0	1798	1798	-613	11744	10	11754	1535	13289	49.92
3	4513	697	477	5687	167	4755	0	1697	1662	-542	11729	10	11739	1461	13200	49.93
4	4514	525	466	5505	202	4749	0	1662	1652	-506	11602	10	11612	1424	13036	49.95
5	4509	627	477	5613	170	4748	0	1874	1875	-495	11911	10	11921	1416	13337	49.95
6	4538	640	469	5647	127	4757	0	2572	2312	-472	12371	14	12385	1491	13876	50.01
7	4566	472	487	5525	104	4750	0	3707	3434	-338	13475	14	13489	1556	15045	49.98
8	4632	632	487	5751	120	4740	11	4558	4533	-358	14797	14	14811	1592	16403	49.92
9	4593	807	464	5864	75	4847	64	4761	4776	-452	15174	14	15188	1685	16873	49.93
10	4668	1024	451	6143	77	5375	107	4716	4641	-538	15805	14	15819	1816	17635	49.92
11	4974	499	466	5939	62	5681	156	4649	4204	-665	15377	14	15391	1900	17291	49.94
12	5017	364	445	5826	40	5684	164	4622	4596	-781	15529	14	15543	1907	17450	49.95
13	4717	324	420	5461	31	5426	167	4455	4746	-820	15011	14	15025	1942	16967	49.91
14	4569	148	418	5135	17	5392	176	4449	4307	-746	14281	16	14297	1862	16159	49.99
15	4544	96	420	5060	21	5344	128	4531	4315	-677	14191	12	14203	1782	15985	50.01
16	4562	131	426	5119	25	4978	123	4606	4637	-771	14111	12	14123	1755	15878	49.95
17	4580	91	436	5107	30	4856	55	4501	4439	-756	13731	12	13743	1752	15495	49.98
18	4593	120	442	5155	37	4671	8	3385	3412	-766	12517	12	12529	1785	14314	49.97
19	4592	479	444	5515	81	4511	0	3787	4184	-901	13390	12	13402	1936	15338	49.95
20	4596	745	446	5787	73	4497	0	3871	3793	-948	13202	12	13214	2000	15214	49.95
21	4575	415	451	5441	76	4491	0	3363	3440	-911	12537	12	12549	2002	14551	49.95
22	4578	572	465	5615	92	4492	0	2643	2539	-931	11807	12	11819	1970	13789	49.99
23	4484	149	465	5098	81	4478	0	2620	2520	-832	11345	12	11357	1870	13227	49.97
24	4517	171	466	5154	74	4456	0	2556	2709	-790	11603	12	11615	1748	13363	49.97
MUs	110.43	11.13	10.92	132.47	2.06	117.17	1.16	83.60	82.48	-16.34	319.01	0.31	319.31	41.83	361.14	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 03/Jan/2016

Position as on 6.30 Hrs of 04/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	
CENT.SECTOR	TARAPUR-3	540	31/12/2015	18.09	04/01/2016	03.10	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	03/01/2016	19.25	Replacing fine Filters of GT(48Hrs)	
TPC-G	Trombay 7A	120	01/01/2016	21.37	03/01/2016	13.54	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.	
IPP	RPL(AMT) U-5	270	03/01/2016	07.54		Continued.	Cooling Water Line	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Jan/2016

Position as on 6.30 Hrs of 04/Jan/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							Leakage.	

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

Statement-VII

Position as on 6.30 Hrs of 04/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	01/01/2016	17.05	03/01/2016	07.04	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	02/01/2016	17.20	03/01/2016	07.31	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	03/01/2016	16.42	04/01/2016	06.58	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	03/01/2016	17.11	04/01/2016	06.39	HT	Over Voltage
Dabhol Nagothane II	InterState	04/01/2016	04.00		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	03/01/2016	09.17	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	30/12/2015	18.29		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over
Lonikand I - Koyna stage-IV	IntraState	02/01/2016	10.33		Continued.	T	Distance Protection B Ph to Earth.
karad -kolhapur-II	IntraState	02/01/2016	16.10		Continued.	HT	Over Voltage
Padghe - Talegaon (PG)	IntraState	03/01/2016	09.50	03/01/2016	18.12	PO	Replacement of Tower Peak Demand During OPGW Work.
Kalwa - Talegaon(PG)	IntraState	03/01/2016	10.34	03/01/2016	18.26	PO	Replacement of Tower Peak Demand During OPGW Work.
Karad - Jaigad - II	IntraState	03/01/2016	16.12		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)
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	03/01/2016	06.32	03/01/2016	06.38	HT	To Shift LV Side from A Bus to B Bus to Attend A Bus Outage.
220 KV LINE Outages/Trippings							
Boisar Tarapur	InterState	03/01/2016	08.48	03/01/2016	19.27	PO	Mumbai Strengthening 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 - Ndi3	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
Parli 3 (Old Gcr)-Osmanabad	IntraState	02/01/2016	10.41		Continued.	PO	B Ph CT Replacement Work.
Urse-Chinchwad	IntraState	02/01/2016	11.35		Continued.	EO	Taken on TBC For Attending Hotspot @ Urse.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault

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