

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Jan/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.638	1556.994	1) Gujrat	1.047	-40.811
2) Hydro	8.546	138.468	2) Madhya Pradesh	7.729	85.344
3) Gas	6.373	137.500	3) Chattisgarh	5.110	65.690
Total MSPGCL	136.557	1832.962	4) Maharashtra Net	73.058	1070.132
B) 1) APMIL	45.147	680.078	5) Goa (Amona)	-0.492	-7.403
2) JSWEL	26.899	295.523	6) TAPS 1&2 Injection	3.678	51.549
3) VIPL	10.105	141.396	7) RGPPL Injection	5.937	83.474
4) RPL(AMT)	22.743	323.576	8) Pench (MS)	0.313	6.246
5) WPCL	4.705	63.927	9) Pench (Excess)	-0.313	-6.246
6) Other IPP	10.852	147.825	Total	95.754	1301.729
C) 1) TPCL Thermal	13.573	197.914	a) Mumbai Schedule	15.246	204.819
2) TPCL Hydro	2.003	30.990	b) Mumbai Drawl	23.892	315.991
3) TPCL Gas	4.461	51.950	c) MSEDCL Bilateral *	25.784	272.817
4) R-INFRA Thermal	4.880	88.134	Include PX	-5.134	-80.736
D) STATE			d) Mumbai Bilateral *	15.246	204.819
1) Thermal	260.542	3495.367	Include PX	3.003	31.676
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	10.549	169.458	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	10.834	189.450	1) MSEDCL	333.114	4524.790
4) Wind	3.164	38.220	2) Mumbai Discoms	48.810	684.988
6) SOLAR	1.080	15.545	TOTAL STATE	381.924	5209.778
TOTAL STATE	286.169	3908.040			

* 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 3 Hrs
MSPGCL Thermal	5123	5055	5063	5085
MSPGCL Hydro	1029	153	213	68
MSPGCL Gas	316	267	220	320
MSPGCL Total Generation	6468	5475	5496	5473
Central Sector Receipt	5298	5039	5048	1898
WIND	162	247	223	60
CPP / IPP	5294	5086	4872	4988
SOLAR	143	179	0	0
Exchange with Mumbai	-1234	-1265	-1266	-474
MSEDCL DEMAND MET	16131	14761	14373	11945
Load Shedding	13	13	10	9
MSEDCL DEMAND	16144	14774	14383	11954
TPCL GENERATION	1066	1020	922	709
R-INFRA GENERATION	203	204	203	203
MUMBAI DEMAND	2503	2489	2391	1386
STATE DEMAND MET	18634	17250	16764	13331
STATE DEMAND	18647	17263	16774	13340
Frequency (Hz)	49.97	49.93	49.91	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.31 Hz at 23:56 Hrs	49.75 Hz at 16:13 Hrs	49.97	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 14/Jan/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.48	28.25	155	138
Unit 6	0.00	0.00	0	0
Unit 7	3.06	50.02	130	120
Unit 8	11.90	48.45	506	451
Total	18.44	126.72		
Bhusawal				
Unit 2	4.11	53.51	180	160
Unit 3	4.13	57.92	175	170
Unit 4	9.66	137.67	415	400
Unit 5	9.66	138.45	410	390
Total	27.56	387.55		
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	0.00	33.88	0	0
Unit 3	4.13	58.38	180	163
Unit 4	4.30	60.22	189	167
Unit 5	0.00	0.00	0	0
Unit 6	9.10	129.08	393	360
Unit 7	9.64	136.36	410	367
Total	27.17	417.92		
Paras				
Unit 3	4.73	56.18	210	188
Unit 4	4.77	68.60	207	191
Total	9.50	124.78		
Khaparkheda				
Unit 1	3.82	53.26	165	145
Unit 2	4.17	57.19	185	160
Unit 3	4.15	56.72	186	167
Unit 4	3.85	49.12	162	157
Unit 5	9.41	132.10	415	369
Total	25.39	348.38		
Nasik				
Unit 3	4.65	54.76	205	185
Unit 4	4.35	40.90	188	176
Unit 5	4.59	55.98	197	180
Total	13.59	151.64		
Uran				
All Units	6.37	137.50	329	150
Total	6.37	137.50		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.31	6.25	23	0
Total	0.31	6.25		
Koyna				
Stage 1-2	3.24	51.75	485	40
Stage 4	2.47	31.15	482	0
Stage 3	0.65	16.67	150	0
Total	6.37	99.57		
Hydro				
KDPH	0.00	6.42	0	0
VTRNA	0.65	8.49	61	0
TILLARI	0.12	0.67	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	1.88	80	0
RNGR+BHTSA	0.25	2.95	15	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.66	8.01	28	27
GHATGHAR	0.38	10.48	120	0
Total	2.18	38.90		
Wind				
Total	3.16	38.22	0	0
Total				

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	5102	73	329	5504	57	4993	0	2310	2174	-663	12065	15	12080	1572	13652	49.98
2	5056	68	329	5453	54	4990	0	2375	2097	-538	12056	9	12065	1448	13513	49.98
3	5085	68	320	5473	60	4988	0	2245	1898	-474	11945	9	11954	1386	13340	50.03
4	5073	68	329	5470	50	4998	0	2224	2113	-455	12176	9	12185	1357	13542	50.01
5	5063	123	320	5506	47	4997	0	2248	2403	-463	12490	9	12499	1360	13859	49.96
6	5085	113	310	5508	52	4976	0	3298	3388	-579	13345	13	13358	1477	14835	49.95
7	5081	253	316	5650	74	4996	0	4520	4706	-738	14688	13	14701	1662	16363	49.93
8	5114	946	328	6388	95	5116	6	4867	5201	-842	15964	13	15977	1804	17781	49.97
9	5089	1157	312	6558	98	5313	45	4988	5033	-972	16075	13	16088	2067	18155	49.89
10	5129	1268	311	6708	99	5299	94	5008	5198	-1170	16228	13	16241	2356	18597	49.96
11	5123	1029	316	6468	162	5294	143	5140	5298	-1234	16131	13	16144	2503	18647	49.97
12	5123	698	313	6134	231	5234	153	5174	4815	-1235	15332	13	15345	2538	17883	49.97
13	5055	153	267	5475	247	5086	179	5121	5039	-1265	14761	13	14774	2489	17263	49.93
14	5031	113	186	5330	166	5055	160	5008	5202	-1278	14635	14	14649	2374	17023	50.00
15	5048	143	150	5341	177	4981	141	4869	5033	-1290	14383	10	14393	2387	16780	49.97
16	5016	746	161	5923	209	4848	92	4629	4967	-1261	14778	10	14788	2402	17190	49.98
17	5014	327	150	5491	174	4842	55	4636	4645	-1229	13978	10	13988	2384	16372	49.92
18	5044	234	165	5443	145	4843	12	3801	4087	-1263	13267	10	13277	2365	15642	49.96
19	5051	179	188	5418	175	4871	0	4642	4668	-1346	13786	10	13796	2425	16221	49.91
20	5063	213	220	5496	223	4872	0	4885	5048	-1266	14373	10	14383	2391	16774	49.91
21	5058	179	220	5457	167	4933	0	4364	4297	-1293	13561	10	13571	2273	158	

State Load Despatch Center,Airoli (MSETCL) Statement-VI

Details of Generating Unit Outages/Trippings for 14/Jan/2016

Position as on 6.30 Hrs of 15/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	
MSPGCL	Chandrapur Unit 5	500	27/12/2015	18.50		Continued.	Capital Overhaul.	
MSPGCL	Koyna STG-IV Unit-3	250	06/01/2016	11.00		Continued.	Spherical Valve Problem	
CPP	WPCL U-1	135	07/01/2016	02.00		Continued.	Withdrawn, changeover to Unit-3	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 8	108	12/01/2016	18.07	14/01/2016	17.20	Gas shortage	
MSPGCL	Uran Unit B0	120	12/01/2016	18.07	14/01/2016	21.50	Gas shortage	
MSPGCL	Uran Unit 5	108	14/01/2016	13.17	15/01/2016	04.38	Gas shortage	
IPP	RPL(AMT) U-4	270	14/01/2016	15.15	14/01/2016	20.33	Boiler Tripped	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 14/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 15/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	13/01/2016	16.22	14/01/2016	06.38	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	13/01/2016	17.19	14/01/2016	06.46	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	14/01/2016	17.06		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	14/01/2016	18.02		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-II	IntraState	13/01/2016	16.10		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	13/01/2016	16.14		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	13/01/2016	16.52	14/01/2016	07.49	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	13/01/2016	17.03	14/01/2016	06.51	HT	Over Voltage
Lonikand 1 - Chakan	IntraState	14/01/2016	08.11	14/01/2016	11.14	PO	To remove E/W
Bhusawal-Aurangabad	IntraState	14/01/2016	17.03		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	14/01/2016	17.18		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
400/220kv 315MVA ICT-I@Parly	IntraState	13/01/2016	11.55	14/01/2016	00.46	PO	Diagnostic testing work
400/220kv 315MVA ICT 2 @ Chandrapur	IntraState	14/01/2016	09.33	14/01/2016	19.50	PO	Testing 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.
Kalwa - Borivali	IntraState	10/01/2016	09:15		Continued.	PO	Tower Erection Work.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Badnera-Akola li	IntraState	14/01/2016	08.51	14/01/2016	16.30	PO	Repl.of line Insulators
Khadka-Bhadli-1	IntraState	14/01/2016	10.01	14/01/2016	16.22	PO	Tan Delta Measurment of CTs
Uran - Apta III	IntraState	14/01/2016	10.41	14/01/2016	14.40	PO	Routine Maintenance Work
New Koyna - Loteparshuram	IntraState	14/01/2016	11.05	14/01/2016	18.09	PO	Isolator jumper repl.work
Parli 3(Old Gcr)-Parli Newtps Ckt 1	IntraState	14/01/2016	12.55	14/01/2016	15.12	EO	To attend Hot Spot
Kadegaon-Miraj	IntraState	14/01/2016	14.07	14/01/2016	14.51	PO	Line Signature Test
ACCIL - Apta	IntraState	14/01/2016	14.45	14/01/2016	16.29	PO	Quarterly Maintenance Work
Miraj - Mhaishal	IntraState	14/01/2016	14.54	14/01/2016	15.23	PO	Line Signature Test
Vita - Miraj	IntraState	14/01/2016	15.32	14/01/2016	16.31	PO	Line Signature Test
Shivajinagar - Satana	IntraState	14/01/2016	15.40		Continued.	T	Distance Protection
Urse-Chinchwad	IntraState	14/01/2016	15.47	14/01/2016	16.55	PO	To study Load Flow(for 10 Days)
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.</		

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 15/Jan/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	07/01/2016	05.10		Continued.	T	Failure of 33KV Spare Breaker
220/132 Kv lct 1 200 Mva @Parbhani	IntraState	14/01/2016	07.15	14/01/2016	11.40	EO	To attend Hot Spot
220/100 Kv 200 MVA ICT I @Kolshet	IntraState	14/01/2016	10.17	14/01/2016	19.42	PO	Testing Work
220/132 Kv 150 Mva Cgl Ptr No 7 @Chinchwad	IntraState	14/01/2016	10.43	14/01/2016	13.30	PO	Testing Work
220/132 Kv 200 Mva Bbl lct 1 @Kalmeshwar	IntraState	14/01/2016	11.09	14/01/2016	18.39	PO	Tan Delta Measurment of CTs