

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Jan/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	109.892	885.195	1) Gujrat	-2.585	-34.347
2) Hydro	9.303	86.200	2) Madhya Pradesh	5.987	40.557
3) Gas	10.724	81.168	3) Chattisgarh	5.000	37.000
Total MSPGCL	129.919	1052.563	4) Maharashtra Net	79.122	604.571
B) 1) APML	49.758	398.447	5) Goa (Amona)	-0.432	-3.981
2) JSWEL	20.385	155.996	6) TAPS 1&2 Injection	3.648	29.459
3) VIPL	10.121	81.595	7) RGPPL Injection	5.931	48.926
4) RPL(AMT)	24.591	190.412	8) Pench (MS)	0.486	3.474
5) WPCL	4.381	36.514	9) Pench (Excess)	-0.486	-3.474
6) Other IPP	9.799	84.133	Total	96.185	718.711
C) 1) TPCL Thermal	13.511	113.722	a) Mumbai Schedule	16.295	114.406
2) TPCL Hydro	2.730	19.516	b) Mumbai Drawl	26.366	180.855
3) TPCL Gas	4.460	25.508	c) MSEDCL Bilateral *	19.866	134.069
4) R-INFRA Thermal	5.081	56.547	Include PX	-6.127	-52.664
D) STATE			d) Mumbai Bilateral *	16.295	114.406
1) Thermal	247.519	2002.561	Include PX	4.004	14.894
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	12.033	105.716	H) ENERGY CATERED (MUs)		
3) Gas	15.184	106.676	1) MSEDCL	321.591	2571.216
4) Wind	1.850	24.861	2) Mumbai Discoms	52.148	396.155
6) SOLAR	0.968	8.839	TOTAL STATE	373.739	2967.371
TOTAL STATE	277.554	2248.653			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4869	4922	4540	4413
MSPGCL Hydro	730	180	733	85
MSPGCL Gas	445	422	446	461
MSPGCL Total Generation	6044	5524	5719	4959
Central Sector Receipt	5044	4745	4399	2607
WIND	65	23	170	51
CPP / IPP	5509	5511	4876	4653
SOLAR	97	148	0	0
Exchange with Mumbai	-1076	-1363	-1579	-581
MSEDCL DEMAND MET	15683	14588	13585	11689
Load Shedding	14	14	12	10
MSEDCL DEMAND	15697	14602	13597	11699
TPCL GENERATION	1129	1081	758	698
R-INFRA GENERATION	258	205	204	203
MUMBAI DEMAND	2463	2649	2541	1482
STATE DEMAND MET	18146	17237	16126	13171
STATE DEMAND	18160	17251	16138	13181
Frequency (Hz)	50.02	49.95	49.94	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 05.02 Hrs	49.72 Hz at 22.07 Hrs	49.98	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 08/Jan/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.69	11.28	120	105
Unit 6	0.00	0.00	0	0
Unit 7	3.96	31.82	180	154
Unit 8	0.00	12.28	0	0
Total	6.65	55.38		
Bhusawal				
Unit 2	4.14	32.90	180	165
Unit 3	4.18	33.40	180	170
Unit 4	10.21	79.66	500	380
Unit 5	10.12	80.08	510	370
Total	28.64	226.04		
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	3.00	24.26	130	122
Unit 3	4.18	33.56	184	164
Unit 4	4.31	34.35	184	165
Unit 5	0.00	0.00	0	0
Unit 6	9.08	73.81	415	350
Unit 7	9.49	78.04	424	365
Total	30.06	244.02		
Paras				
Unit 3	4.92	37.15	246	186
Unit 4	4.86	39.74	236	188
Total	9.78	76.88		
Khaparkheda				
Unit 1	3.72	30.48	160	150
Unit 2	4.17	32.04	185	150
Unit 3	4.06	32.29	185	161
Unit 4	3.77	26.33	162	151
Unit 5	9.74	74.31	500	370
Total	25.47	195.46		
Nasik				
Unit 3	4.66	26.28	200	190
Unit 4	0.00	24.28	0	0
Unit 5	4.63	36.86	198	185
Total	9.30	87.42		
Uran				
All Units	10.72	81.17	462	420
Total	10.72	81.17		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.49	3.47	24	11
Total	0.49	3.47		
Koyna				
Stage 1-2	4.40	32.96	500	40
Stage 4	1.78	20.40	474	0
Stage 3	0.98	12.11	160	0
Total	7.16	65.47		
Hydro				
KDPH	0.44	2.60	19	18
VTRNA	0.63	4.81	61	0
TILLARI	0.18	0.55	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	1.16	80	0
RNGR+BHTSA	0.23	1.70	15	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.53	4.29	23	22
GHATGHAR	0.00	5.62	0	0
Total	2.14	20.73		
Wind				
Total	1.85	24.86	0	0
Total	1.85	24.86		
CPP				
APML(Mus)	49.76	398.45	0	0
JSWEL(Mus)	20.38	156.00	0	0
VIPL(Mus)	10.12	81.60	0	0
RPLAMT(Mus)	24.59	190.41	0	0
WPCL(Mus)	4.38	36.51	0	0
Other(Mus)	9.80	84.13	0	0
Total	119.04	947.10		
SOLAR				
Total	0.97	8.84	0	0
Total	0.97	8.84		
Tata				
Trombay 5	8.15	70.55	471	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.82	16.08	122	99
Trombay 7B	1.64	9.42	71	62
Trombay 8	5.36	43.17	248	201
TATA Hydro	2.73	19.52	361	0
Total	20.70	158.75		
R-INFRA				
1-2	5.08	56.55	258	202
Total	5.08	56.55		

Infirm Power	Chandrapur 8	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	109.89	885.20
MSPGCL Thml+Gas	120.62	966.36

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.30	86.20
MSPGCL Total	129.92	1052.56

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	6.17	53.36
State Total	277.55	2248.65

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	4455	85	459	4999	77	4667	0	2962	2767	-811	11699	17	11716	1731	13447	50.00
2	4442	80	459	4981	56	4666	0	2857	2708	-683	11728	10	11738	1584	13322	49.99
3	4401	80	461	4942	54	4655	0	2579	2643	-617	11677	10	11687	1518	13205	50.02
4	4413	85	461	4959	51	4653	0	2533	2607	-581	11689	10	11699	1482	13181	50.01
5	4400	354	462	5216	71	4652	0	2546	2597	-580	11956	10	11966	1483	13449	50.03
6	4423	180	462	5065	134	4653	0	3802	3548	-685	12715	14	12729	1587	14316	50.00
7	4455	310	461	5226	186	4659	1	4388	4688	-849	13911	14	13925	1753	15678	49.96
8	4501	1014	462	5977	150	4925	13	4723	4941	-923	15083	14	15097	1906	17003	49.92
9	4765	1038	456	6259	89	5305	47	4897	4890	-977	15613	14	15627	2163	17790	49.96
10	4869	730	445	6044	65	5509	97	5011	5044	-1076	15683	14	15697	2463	18160	50.02
11	4884	605	451	5940	40	5522	123	5111	5024	-1157	15492	14	15506	2647	18153	49.99
12	4929	396	445	5770	23	5530	159	5055	4859	-1173	15168	14	15182	2688	17870	49.98
13	4922	180	422	5524	23	5511	148	4942	4745	-1363	14588	14	14602	2649	17251	49.95
14	4754	185	420	5359	23	5456	134	4878	4780	-1326	14426	16	14442	2518	16960	49.99
15	4519	185	426	5130	31	5253	120	5031	4821	-1330	14025	12	14037	2567	16604	49.98
16	4518	175	431	5124	32	4918	75	5136	5344	-1313	14180	12	14192	2571	16763	49.98
17	4541	158	430	5129	49	4855	41	5084	4965	-1425	13614	12	13626	2575	16201	49.92
18	4540	302	436	5278	49	4889	10	4120	4093	-1508	12811	12	12823	2559	15382	50.00
19	4526	679	434	5639	81	4901	0	4550	4441	-1569	13493	12	13505	2577	16082	49.98
20	4540	733	446	5719	170	4876	0	4600	4399	-1579	13585	12	13597	2541	16138	49.94
21	4541	303	444	5288	183	4871	0	4151	4036	-1408	12970	12	12982	2347	15329	49.94
22	4529	333	449	5311	85	4769	0	3267	3313	-1270	12208	12	12220	2220	14440	49.99
23	4562	460	451	5473	75	4681	0	2597	2457	-1150	11536	12	11548	2091	13639	49.97
24	4463	653	451	5567	53	4661	0	2539	2475	-1013	11743	12	11755	1928	13683	50.04
MUs	109.89	9.30	10.72	129.92	1.85	119.04	0.97	97.36	96.18	-26.37	321.59	0.31	321.90	52.15	374.04	49.98

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 08/Jan/2016

Position as on 6.30 Hrs of 09/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.	
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	Koyna STG-IV Unit-3	250	06/01/2016	11.00		Continued.	Spherical Valve Problem	
MSPGCL	Nasik Unit 4	210	06/01/2016	12.40		Continued.	Boiler Tube Leakage	
CPP	WPCL U-1	135	07/01/2016	02.00		Continued.	Withdrawn, changeover to Unit-3	
MSPGCL	Koyna Unit 6	75	08/01/2016	07.50	08/01/2016	17.45	Maintenance work	
IPP	RPL(AMT) U-4	270	09/01/2016	00.46	09/01/2016	02.50	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 09/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	07/01/2016	17.46	08/01/2016	08.17	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	07/01/2016	21.10	08/01/2016	08.31	HT	Over Voltage
Padgha Tarapur II	InterState	08/01/2016	09.15		Continued.	PO	Maintanance work at Tarapur
Dhule Sar'Sarovar I	InterState	08/01/2016	16.28		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	08/01/2016	18.19		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	Chanage over
Koradi-India Bulls	IntraState	04/01/2016	11.42	08/01/2016	17.44	PO	For Formation of Koradi-Indiabull CKT & Koradi-II - Wardha PG CKT.
Main Bus-I @ Koradi-II	IntraState	04/01/2016	11.43	08/01/2016	11.05	PO	For Formation of Koradi-Indiabull CKT & Koradi-II - Wardha PG CKT.
karad -kolhapur-I	IntraState	06/01/2016	15.13	08/01/2016	10.10	EO	Hot Spot on Isolator(RFC @ 1953 Hrs).
Karad - Jaigad - II	IntraState	06/01/2016	16.08	08/01/2016	10.14	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	07/01/2016	17.10	08/01/2016	07.27	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	07/01/2016	21.20	08/01/2016	10.00	HT	Over Voltage
koaradi II - Wardha(PG)	IntraState	07/01/2016	21.50		Continued.	T	Distance Protection, Trial taken on 8/1/2016 at 15.11Hrs but again tripped.
Warora -IEPL	IntraState	07/01/2016	23.25	08/01/2016	06.37	T	Over Voltage, while charging Koradi II - IEPL
Koradi 2-IEPL	IntraState	07/01/2016	23.25	08/01/2016	11.05	T	Tripped on Over Voltage during First Time Charging
Padghe - Kharghar	IntraState	08/01/2016	08.36	08/01/2016	11.34	EO	To attend Hot spot through TBC
Khadka - Bableshtar	IntraState	08/01/2016	11.01		Continued.	PO	Testing work, RFC 18.44Hrs.
Girwali- Lonikand 2	IntraState	08/01/2016	12.01	08/01/2016	16.35	EO	To attend Hot Spot
karad -kolhapur-II	IntraState	08/01/2016	16.09		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	08/01/2016	16.11		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/01/2016	20.41		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
220 KV LINE Outages/Trippings							
Nasik Navsari II	InterState	09/01/2016	02.38		Continued.	T	Distance Protection
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	Strengthing work
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.
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	06/01/2016	05.18	08/01/2016	00.16	HT	for availing outage 220kv lonikand -kathapur & lonikand-rajangaon
Eklahara(Gcr)(Nasik)- Bableshtar 2	IntraState	06/01/2016	05.27	08/01/2016	00.17	HT	for availing outage 220kv lonikand -kathapur & lonikand-rajangaon

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 08/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 09/Jan/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pedhambe - Oni	IntraState	08/01/2016	08.00	08/01/2016	18.05	PO	Line Maintenance work
Talandage - Sawantwadi I	IntraState	08/01/2016	08.15	08/01/2016	18.46	PO	Tower Erection work
Badnera-Akola li	IntraState	08/01/2016	09.19	08/01/2016	18.24	PO	Disc replacement work
Gadchandur - Virur-I	IntraState	08/01/2016	10.44	08/01/2016	13.22	PO	Tan Delta Measurment of CTs
Shivajinagar - Malegaon	IntraState	08/01/2016	10.57	08/01/2016	14.45	PO	Attending Oil Leakage
Wadkhal - Ndil 2	IntraState	08/01/2016	11.27		Continued.	PO	Repl.of Conductor by High Ampacity Conductor
Ipcl - Wadkhal 1	IntraState	08/01/2016	11.53	09/01/2016	04.56	PO	Repl.of Conductor by High Ampacity Conductor
Talandge(400)- Mudshingi 2 Line	IntraState	08/01/2016	12.29	08/01/2016	17.24	PO	Insulator Cleaning
Gadchandur - Virur-li	IntraState	08/01/2016	13.42	08/01/2016	16.32	PO	Tan Delta Measurment of CTs
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	07/01/2016	05.10		Continued.	T	Failure of 33KV Spare Breaker
220/132 kv 200 Mva ICT-II @Boisar -li	IntraState	08/01/2016	10.19	08/01/2016	15.50	EO	To attend Hot Spot

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