

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 11/Jan/2016 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	112.928	1211.097	1) Gujrat	-0.610	-39.638
2) Hydro	9.151	109.077	2) Madhya Pradesh	7.409	62.502
3) Gas	10.818	113.565	3) Chattisgarh	5.370	52.030
Total MSPGCL	132.897	1433.739	4) Maharashtra Net	76.706	838.211
B) 1) APML	46.743	541.198	5) Goa (Amona)	-0.754	-5.817
2) JSWEL	20.879	217.630	6) TAPS 1&2 Injection	3.655	40.431
3) VIPL	10.124	111.967	7) RGPPL Injection	5.881	66.415
4) RPL(AMT)	20.632	260.029	8) Pench (MS)	0.516	4.920
5) WPCL	4.870	49.815	9) Pench (Excess)	-0.516	-4.920
6) Other IPP	10.957	116.675	Total	97.141	1009.214
C) 1) TPCL Thermal	15.154	153.795	a) Mumbai Schedule	15.713	158.458
2) TPCL Hydro	2.271	24.434	b) Mumbai Drawl	22.710	246.439
3) TPCL Gas	4.267	38.587	c) MSEDCL Bilateral *	20.195	193.665
4) R-INFRA Thermal	5.644	71.930	Include PX	-5.723	-69.779
D) STATE			d) Mumbai Bilateral *	15.713	158.458
1) Thermal	247.931	2734.136	Include PX	3.468	22.197
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	11.422	133.511	H) ENERGY CATERED (MUs)		
3) Gas	15.085	152.152	1) MSEDCL	325.838	3537.720
4) Wind	3.130	31.534	2) Mumbai Discoms	50.046	535.194
6) SOLAR	1.175	12.358	TOTAL STATE	375.884	4072.914
TOTAL STATE	278.743	3063.691			

* 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 4 Hrs
MSPGCL Thermal	4752	4607	4735	4578
MSPGCL Hydro	786	521	502	113
MSPGCL Gas	453	420	452	460
MSPGCL Total Generation	5991	5548	5689	5151
Central Sector Receipt	5547	5525	5045	1932
WIND	165	116	64	129
CPP / IPP	5001	4865	4686	4727
SOLAR	148	174	0	0
Exchange with Mumbai	-1091	-1177	-1321	-482
MSEDCL DEMAND MET	15761	15051	14163	11457
Load Shedding	14	14	9	10
MSEDCL DEMAND	15775	15065	14172	11467
TPCL GENERATION	1195	1145	905	665
R-INFRA GENERATION	257	258	257	203
MUMBAI DEMAND	2543	2580	2483	1350
STATE DEMAND MET	18304	17631	16646	12807
STATE DEMAND	18318	17645	16655	12817
Frequency (Hz)	49.98	49.99	50.01	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 21.58 Hrs	49.74 Hz at 18.10 Hrs	50	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 11/Jan/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.67	19.16	120	105
Unit 6	0.00	0.00	0	0
Unit 7	2.12	41.97	180	0
Unit 8	5.34	17.62	490	0
Total	10.13	78.76		
Bhusawal				
Unit 2	4.13	45.28	180	170
Unit 3	4.17	45.68	180	165
Unit 4	9.62	108.64	410	390
Unit 5	9.62	109.26	410	390
Total	27.54	308.85		
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	3.09	33.28	131	122
Unit 3	4.10	45.98	182	162
Unit 4	4.34	47.32	184	171
Unit 5	0.00	0.00	0	0
Unit 6	9.16	101.46	395	365
Unit 7	9.62	107.10	417	375
Total	30.31	335.14		
Paras				
Unit 3	4.71	46.65	212	188
Unit 4	4.80	54.18	209	191
Total	9.52	100.83		
Khaparkheda				
Unit 1	3.82	41.84	170	145
Unit 2	4.26	44.72	185	165
Unit 3	3.97	44.56	168	164
Unit 4	3.78	37.65	164	154
Unit 5	9.54	102.62	410	390
Total	25.39	271.38		
Nasik				
Unit 3	4.80	40.48	210	185
Unit 4	3.51	27.79	189	0
Unit 5	1.73	47.88	196	0
Total	10.04	116.15		
Uran				
All Units	10.82	113.56	481	412
Total	10.82	113.56		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.52	4.92	22	21
Total	0.52	4.92		
Koyna				
Stage 1-2	3.64	41.79	390	40
Stage 4	1.36	24.04	327	0
Stage 3	0.45	13.15	80	0
Total	5.45	78.98		
Hydro				
KDPH	0.89	5.07	38	37
VTRNA	0.55	6.58	61	0
TILLARI	0.00	0.55	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.12	1.52	77	0
RNGR+BHTSA	0.25	2.45	13	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.58	5.98	25	24
GHATGHAR	1.31	7.95	250	0
Total	3.70	30.10		
Wind				
Total	3.13	31.53	0	0
Total	3.13	31.53		
CPP				
APML(Mus)	46.74	541.20	0	0
JSWEL(Mus)	20.88	217.63	0	0
VIPL(Mus)	10.12	111.97	0	0
RPLAMT(Mus)	20.63	260.03	0	0
WPCL(Mus)	4.87	49.82	0	0
Other(Mus)	10.96	116.68	0	0
Total	114.20	1297.31		
SOLAR				
Total	1.18	12.36	0	0
Total	1.18	12.36		
Tata				
Trombay 5	9.68	95.44	470	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.68	24.33	115	90
Trombay 7B	1.59	14.26	68	59
Trombay 8	5.47	58.35	250	200
TATA Hydro	2.27	24.43	299	0
Total	21.69	216.82		
R-INFRA				
1-2	5.64	71.93	258	200
Total	5.64	71.93		

Infirm Power	Chandrapur 8	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	112.93	1211.10
MSPGCL Thml+Gas	123.75	1324.66

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	9.15	109.08
MSPGCL Total	132.90	1433.74

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	5.01	65.83
State Total	278.74	3063.69

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	4501	118	471	5090	134	4743	0	2462	2287	-641	11613	14	11627	1542	13169	50.01
2	4532	118	461	5111	115	4758	0	2538	2262	-521	11725	10	11735	1422	13157	50.02
3	4558	118	460	5136	133	4760	0	2286	2084	-482	11631	10	11641	1367	13008	50.03
4	4578	113	460	5151	129	4727	0	2075	1932	-482	11457	10	11467	1350	12817	50.03
5	4624	113	460	5197	185	4690	0	2063	2022	-492	11602	10	11612	1364	12976	50.01
6	4719	178	463	5360	201	4607	0	2731	2907	-560	12515	14	12529	1462	13991	49.98
7	4780	244	466	5490	314	4753	1	3931	3985	-757	13786	14	13800	1655	15455	49.97
8	4901	463	469	5833	333	4918	7	4732	4699	-760	15030	14	15044	1817	16861	49.92
9	4922	654	476	6052	278	4947	58	4975	5183	-934	15584	14	15598	2154	17752	49.98
10	4753	817	481	6051	257	4972	122	5091	5251	-964	15689	14	15703	2336	18039	49.98
11	4752	786	453	5991	165	5001	148	5123	5547	-1091	15761	14	15775	2543	18318	49.98
12	4690	835	412	5937	89	4957	165	5257	5389	-1212	15325	14	15339	2622	17961	50.00
13	4607	521	420	5548	116	4865	174	5245	5525	-1177	15051	14	15065	2580	17645	49.99
14	4575	429	429	5433	89	4758	172	5158	5374	-1075	14751	13	14764	2462	17226	50.01
15	4601	222	420	5243	60	4745	150	5173	5538	-1091	14645	9	14654	2501	17155	50.00
16	4670	259	446	5375	41	4793	107	5182	5240	-1063	14493	9	14502	2509	17011	49.98
17	4656	305	441	5402	32	4670	63	5086	5383	-1200	14350	9	14359	2506	16865	49.98
18	4648	531	431	5610	68	4661	8	3865	4368	-1290	13425	9	13434	2493	15927	50.00
19	4637	521	441	5599	72	4670	0	4553	4665	-1324	13682	9	13691	2525	16216	49.96
20	4735	502	452	5689	64	4686	0	4718	5045	-1321	14163	9	14172	2483	16655	50.01
21	4844	220	451	5515	49	4670	0	4080	4236	-1237	13233	9	13242	2390	15632	50.02
22	4903	348	451	5702	45	4643	0	3176	3187	-1056	12521	9	12530	2170	14700	50.05
23	4887	388	451	5726	75	4609	0	2634	2459	-1076	11793	9	11802	1987	13789	49.99
24	4855	348	453	5656	86	4603	0	2411	2577	-904	12018	9	12027	1806	13833	50.02
MUs	112.93	9.15	10.82	132.90	3.13	114.21	1.17	94.55	97.15	-22.71	325.84	0.27	326.11	50.05	376.16	50.00

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 11/Jan/2016

Position as on 6.30 Hrs of 12/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	Koradi Unit-8	660	02/01/2016	01.12	11/01/2016	03.36	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	11/01/2016	01.02	Boiler Tube Leakage	
CPP	WPCL U-1	135	07/01/2016	02.00		Continued.	Withdrawn, changeover to Unit-3	
IPP	RPL(AMT) U-5	270	11/01/2016	04.49		Continued.	P.A.Fan Problem.	
MSPGCL	Nasik Unit 5	210	11/01/2016	09.10		Continued.	Damper Tank low level protection.	
MSPGCL	Koradi Unit 7	210	11/01/2016	12.32		Continued.	Heavy Steam Lekage.	
IPP	RPL(AMT) U-3	270	11/01/2016	12.34	11/01/2016	14.50	Auxiliary supply failure	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/Jan/2016

Position as on 6.30 Hrs of 12/Jan/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 12/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							
Kolhapur Solapur(PG) I	InterState	10/01/2016	16.56	11/01/2016	06.55	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	10/01/2016	17.16	11/01/2016	06.44	HT	Over Voltage
Dabhol Nagothane II	InterState	11/01/2016	12.56		Continued.	PO	Outage at Dabhol end (RFC 17:50)
Dhule Sar'Sarovar I	InterState	11/01/2016	17.18	12/01/2016	06.45	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	11/01/2016	17.19		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-I	IntraState	09/01/2016	16.16		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	09/01/2016	16.35		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	10/01/2016	16.44	11/01/2016	10.06	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	10/01/2016	17.16	11/01/2016	07.41	HT	Over Voltage
Padghe - Kalwa-II	IntraState	11/01/2016	09.33	11/01/2016	11.48	PO	Taken on TBC
Lonikand I - Koyna stage-IV	IntraState	11/01/2016	17.52		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	11/01/2016	17.52		Continued.	HT	Over Voltage
koaradi II - Wardha(PG)	IntraState	11/01/2016	19.34		Continued.	T	Distance Protection
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							
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.
Main Bus Section-I@ Pedambe	IntraState	11/01/2016	06.40	11/01/2016	16.55	PO	Line Maintenance work
Pedambe-Pophali	IntraState	11/01/2016	06.40	11/01/2016	19.10	PO	Bus Section I outage for Maint.
New Koyna - Pedambe	IntraState	11/01/2016	06.54	11/01/2016	17.15	PO	Bus Section I outage for Maint.
Mahad - Pedambe	IntraState	11/01/2016	07.03	11/01/2016	17.35	PO	Bus Section I outage for Maint.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Uran - Apta IV	IntraState	11/01/2016	10.27	11/01/2016	18.21	PO	Routine Maintenance Work
Mahape - TIFIL	IntraState	11/01/2016	14.21	11/01/2016	16.45	PO	Attending Oil Leakage
Miraj - Ichalkaranji II	IntraState	11/01/2016	14.34	11/01/2016	14.49	T	Distance Protection
Miraj - Ichalkaranji II	IntraState	11/01/2016	21.02		Continued.	T	Distance Protection
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
220/100 Kv 200 MVA ICT I @Pal-Dombivali	IntraState	11/01/2016	10.10	11/01/2016	15.50	PO	Tan Delta testing work.
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-Ii	IntraState	11/01/2016	10.10	11/01/2016	14.30	PO	HV side taken on TBC for Main Bay Testing work.

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 11/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 12/Jan/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132kV 200MVA ICT-I@ Tilawani	IntraState	11/01/2016	10.11	11/01/2016	12.32	PO	Quarterly Maintainance Work