

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Jan/2016 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.344	1919.440	1) Gujrat	-3.670	-51.945
2) Hydro	8.880	160.771	2) Madhya Pradesh	6.652	106.219
3) Gas	14.015	172.931	3) Chattisgarh	3.810	78.180
Total MSPGCL	142.239	2253.142	4) Maharashtra Net	57.906	1265.222
B) 1) APLM	43.970	815.212	5) Goa (Amona)	-0.284	-8.737
2) JSWEL	26.247	375.590	6) TAPS 1&2 Injection	3.667	62.541
3) VIPL	10.089	171.687	7) RGPPL Injection	6.040	101.311
4) RPL(AMT)	23.970	395.166	8) Pench (MS)	0.421	7.477
5) WPCL	4.561	77.580	9) Pench (Excess)	-0.421	-7.477
6) Other IPP	9.183	176.559	Total	73.700	1545.314
C) 1) TPCL Thermal	12.458	237.492	a) Mumbai Schedule	12.438	246.487
2) TPCL Hydro	0.246	34.985	b) Mumbai Drawl	17.578	378.056
3) TPCL Gas	3.918	64.032	c) MSEDCL Bilateral *	28.993	357.740
4) R-INFRA Thermal	4.876	103.064	Include PX	-1.362	-87.632
D) STATE			d) Mumbai Bilateral *	12.438	246.487
1) Thermal	254.698	4271.790	Include PX	0.229	36.493
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	9.126	195.756	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	17.933	236.963	1) MSEDCL	323.473	5503.189
4) Wind	6.117	52.412	2) Mumbai Discoms	39.076	817.640
6) SOLAR	0.975	18.583	TOTAL STATE	362.549	6320.829
TOTAL STATE	288.849	4775.504			

* 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	4952	4872	4899	5053
MSPGCL Hydro	1473	601	618	79
MSPGCL Gas	619	606	572	643
MSPGCL Total Generation	7044	6079	6089	5775
Central Sector Receipt	4656	4338	3318	1452
WIND	71	194	271	341
CPP / IPP	4923	4909	4935	4903
SOLAR	136	163	0	0
Exchange with Mumbai	-873	-918	-1059	-456
MSEDCL DEMAND MET	15957	14765	13554	12015
Load Shedding	13	13	10	9
MSEDCL DEMAND	15970	14778	13564	12024
TPCL GENERATION	761	706	667	665
R-INFRA GENERATION	203	203	205	203
MUMBAI DEMAND	1837	1827	1931	1324
STATE DEMAND MET	17794	16592	15485	13339
STATE DEMAND	17807	16605	15495	13348
Frequency (Hz)	49.98	49.98	49.89	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 17:02 Hrs	49.77 Hz at 19:51 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 17/Jan/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.43	38.62	147	138
Unit 6	0.00	0.00	0	0
Unit 7	3.52	60.01	160	140
Unit 8	11.70	83.86	500	480
Total	18.65	182.49		
Bhusawal				
Unit 2	4.05	65.74	175	160
Unit 3	4.08	70.28	180	160
Unit 4	9.50	166.14	405	385
Unit 5	9.58	166.94	410	380
Total	27.20	469.09		
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	4.20	70.85	182	168
Unit 4	4.35	73.32	186	173
Unit 5	0.00	0.00	0	0
Unit 6	9.35	157.29	406	372
Unit 7	9.82	165.44	420	400
Total	27.72	500.79		
Paras				
Unit 3	2.14	67.76	204	0
Unit 4	4.90	82.95	240	190
Total	7.04	150.71		
Khaparkheda				
Unit 1	3.86	64.71	165	150
Unit 2	4.13	69.65	180	160
Unit 3	4.02	68.80	170	165
Unit 4	4.02	61.13	172	161
Unit 5	9.45	160.76	410	380
Total	25.49	425.06		
Nasik				
Unit 3	4.49	68.21	195	180
Unit 4	4.35	53.82	190	175
Unit 5	4.40	69.27	189	172
Total	13.24	191.30		
Uran				
All Units	14.02	172.93	654	459
Total	14.02	172.93		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.42	7.48	23	13
Total	0.42	7.48		
Koyna				
Stage 1-2	3.14	57.64	450	40
Stage 4	1.82	35.83	469	0
Stage 3	1.12	20.13	160	0
Total	6.08	113.59		
Hydro				
KDPH	0.00	6.42	0	0
VTRNA	0.64	10.25	61	0
TILLARI	0.25	1.48	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	2.14	77	0
RNGR+BHTSA	0.24	3.54	16	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.55	9.95	23	22
GHATGHAR	1.04	13.40	250	0
Total	2.80	47.18		
Wind				
Total	6.12	52.41	0	0
Total	6.12	52.41		
CPP				
APML(Mus)	43.97	815.21	0	0
JSWEL(Mus)	26.25	375.59	0	0
VIPL(Mus)	10.09	171.69	0	0
RPLAMT(Mus)	23.97	395.17	0	0
WPCL(Mus)	4.56	77.58	0	0
Other(Mus)	9.18	176.56	0	0
Total	118.02	2011.79		
SOLAR				
Total	0.98	18.58	0	0
Total	0.98	18.58		
Tata				
Trombay 5	7.58	147.56	318	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.42	40.30	115	84
Trombay 7B	1.50	23.73	68	57
Trombay 8	4.87	89.94	215	199
TATA Hydro	0.25	34.98	78	0
Total	16.62	336.51		
R-INFRA				
1-2	4.88	103.06	205	202
Total	4.88	103.06		

Infirm Power	Chandrapur 8	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	119.34	1919.44
MSPGCL Thml+Gas	133.36	2092.37

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	8.88	160.77
MSPGCL Total	142.24	2253.14

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.96	93.46
State Total	288.85	4775.50

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 17/Jan/2016

Annexure-2

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	5029	112	524	5665	527	4905	0	1757	1728	-661	12164	10	12174	1522	13696	49.97
2	5031	84	623	5738	423	4913	0	1693	1480	-520	12034	9	12043	1389	13432	50.00
3	5053	79	643	5775	341	4903	0	1711	1452	-456	12015	9	12024	1324	13348	50.00
4	5063	84	630	5777	271	4923	0	1481	1675	-411	12235	9	12244	1281	13525	49.99
5	5065	94	633	5792	191	4905	0	1818	1700	-423	12165	9	12174	1290	13464	49.97
6	5061	83	632	5776	120	4916	0	2567	2393	-492	12713	13	12726	1362	14088	49.96
7	5055	78	654	5787	86	4905	0	3702	3542	-555	13765	13	13778	1420	15198	49.99
8	5088	574	654	6316	49	4893	2	4280	4415	-559	15116	13	15129	1480	16609	49.91
9	5080	1061	629	6770	31	4924	40	4458	4354	-615	15504	13	15517	1597	17114	49.93
10	5041	1304	634	6979	30	4938	78	4507	4671	-771	15925	13	15938	1745	17683	49.96
11	4952	1473	619	7044	71	4923	136	4586	4656	-873	15957	13	15970	1837	17807	49.98
12	4988	1143	593	6724	144	4934	155	4604	4580	-933	15604	13	15617	1868	17485	49.97
13	4872	601	606	6079	194	4909	163	4581	4338	-918	14765	13	14778	1827	16605	49.98
14	4901	185	604	5690	181	4919	162	4461	4475	-835	14592	14	14606	1736	16342	50.02
15	4909	102	608	5619	212	4930	115	4213	4057	-795	14138	10	14148	1696	15844	50.02
16	4900	83	588	5571	201	4924	72	4054	4009	-741	14036	10	14046	1642	15688	49.97
17	4951	64	589	5604	223	4932	45	3733	3469	-706	13567	10	13577	1600	15177	49.96
18	4944	134	571	5649	364	4917	7	2604	2309	-768	12478	10	12488	1648	14136	49.99
19	4903	390	562	5855	297	4933	0	3024	2770	-926	12929	10	12939	1800	14739	49.95
20	4899	618	572	6089	271	4935	0	3448	3318	-1059	13554	10	13564	1931	15495	49.89
21	4890	133	460	5483	470	4932	0	3113	2868	-1026	12727	10	12737	1901	14638	49.91
22	4882	124	465	5471	525	4925	0	2328	1990	-974	11937	10	11947	1861	13808	49.96
23	4901	124	459	5484	466	4908	0	2044	1709	-850	11717	10	11727	1734	13461	49.92
24	4886	153	463	5502	429	4878	0	1542	1742	-711	11840	10	11850	1585	13435	49.98
MUs	119.34	8.88	14.02	142.24	6.12	118.02	0.98	76.31	73.70	-17.58	323.47	0.26	323.74	39.08	362.81	49.97

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 17/Jan/2016

Position as on 6.30 Hrs of 18/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								
RGPP	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPP	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPP	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPP	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPP	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPP	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPP	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	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	Koyana 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	Paras Unit 3	250	17/01/2016	12.04	18/01/2016	06.23	P.A. Fan Problem.	
IPP	VIPL U-2	300	18/01/2016	01.30		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Jan/2016

Statement-VII

Position as on 6.30 Hrs of 18/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) II	InterState	16/01/2016	16.55	17/01/2016	07.04	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	16/01/2016	17.56	17/01/2016	08.49	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	17/01/2016	16.41	18/01/2016	06.48	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	17/01/2016	16.52		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
Bhusawal-Aurangabad	IntraState	16/01/2016	16.50	17/01/2016	07.13	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	16/01/2016	20.20	17/01/2016	10.15	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	17/01/2016	15.22		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	17/01/2016	16.39		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							
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.
Apta - Kalwa	IntraState	15/01/2016	08.02		Continued.	PO	Rusted Cross Arm replacement(For 3 Days)
Kalwa - Taloja	IntraState	15/01/2016	08.05		Continued.	PO	Rusted Cross Arm replacement(For 3 Days)
Sonkhar - Trombay	IntraState	17/01/2016	09.38	17/01/2016	15.07	PO	Isolator Alignment & Maint.Work.
Kalwa - Mulund 2	IntraState	17/01/2016	15.15	17/01/2016	19.50	EO	R Ph CT Replacement Work @ Mulund.
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

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