

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 05/Jan/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.047	684.589	1) Gujrat	-0.897	-5.775
2) Hydro	21.197	81.975	2) Madhya Pradesh	6.854	33.478
3) Gas	10.594	43.789	3) Chattisgarh	8.470	39.760
Total MSPGCL	159.838	810.353	4) Maharashtra Net	114.491	542.840
B) 1) APML	55.661	261.356	5) Goa (Amona)	-0.800	-3.642
2) JSWEL	9.209	45.366	Total	128.118	606.661
3) VIPL	6.154	34.570	a) Mumbai Schedule	15.639	74.211
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.563	98.678
5) WPCL	3.845	20.341	c) MSEDCL Bilateral *	29.857	152.751
6) PGPL	3.018	12.044	Include PX	-0.614	6.268
7) Other IPP	9.540	46.609	d) Mumbai Bilateral *	15.639	74.211
C) 1) TPCL Thermal	5.405	52.960	Include PX	4.718	20.616
2) TPCL Hydro	6.050	22.151	Include Standby	0.000	0.000
3) TPCL Gas	3.823	19.539	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.560	52.439	1) MSEDCL	355.336	1764.399
D) STATE			2) Mumbai Discoms	50.401	245.766
1) Thermal	228.421	1198.230	TOTAL STATE	405.737	2010.165
(A1+C1+C4+(B1-B6))					
2) Hydro	27.247	104.126			
(A2+C2)					
3) Gas	17.435	75.372			
(A3+B6+C3)					
4) Wind	3.284	19.741			
6) SOLAR	1.232	6.036			
TOTAL STATE	277.619	1403.505			

* 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 19 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	5976	5798	5487	4727
MSPGCL Hydro	2142	1750	637	64
MSPGCL Gas	459	443	319	480
MSPGCL Total Generation	8577	7991	6443	5271
Central Sector Receipt	6172	5976	5705	4102
WIND	79	58	58	201
CPP / IPP Thermal	3671	3677	3608	3358
CPP / IPP Gas	231	232	194	0
SOLAR	159	184	0	0
Exchange with Mumbai	-1219	-1210	-1324	-902
MSEDCL DEMAND MET	17670	16908	14684	12030
Load Shedding	0	0	0	0
MSEDCL DEMAND	17670	16908	14684	12030
TPCL GENERATION	865	846	811	343
R-INFRA GENERATION	502	505	384	386
MUMBAI DEMAND	2586	2561	2519	1631
STATE DEMAND MET	20256	19469	17203	13661
STATE DEMAND	20256	19469	17203	13661
Frequency (Hz)	49.99	49.94	49.97	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 22.00 Hrs	49.73 Hz at 22.10 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 05/Jan/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Unit 9	11.16	56.79	500	354
Total	11.16	56.79		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.54	51.95	510	360
Unit 5	8.14	49.45	510	0
Total	18.68	101.40		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.46	25.53	250	0
Unit 7	5.12	25.90	245	187
Unit 8	0.00	0.00	0	0
Total	9.58	51.44		
Chandrapur				
Unit 3	4.50	22.10	200	169
Unit 4	4.41	21.90	196	170
Unit 5	9.97	49.26	450	365
Unit 6	9.96	48.64	450	350
Unit 7	9.22	45.99	422	294
Unit 8	9.89	51.29	479	355
Unit 9	0.00	33.56	0	0
Total	47.95	272.75		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.46	25.74	250	0
Total	4.46	25.74		
Khaparkheda				
Unit 1	4.26	20.84	200	160
Unit 2	4.32	20.62	200	160
Unit 3	4.40	21.79	204	165
Unit 4	4.27	21.05	194	162
Unit 5	10.51	51.57	500	365
Total	27.75	135.88		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.25	20.29	207	160
Unit 5	4.21	20.31	195	162
Total	8.46	40.60		
Uran				
All Units	10.59	43.79	488	270
Total	10.59	43.79		
PGPL				
Unit 1	1.82	7.30	141	0
Unit 2	1.20	4.75	94	0
Total	3.02	12.04		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.62	3.04	53	0
Total	0.62	3.04		
Koyna				
Stage 1-2	4.34	20.81	500	40
Stage 4	10.36	31.36	1000	0
Stage 3	2.96	11.03	316	0
Total	17.66	63.20		
Hydro				
KDPH	0.00	1.35	0	0
VTRNA	0.45	2.23	59	0
TILLARI	0.00	0.00	4	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.38	1.23	80	0
RNGR+BHTSA	0.00	1.44	0	0
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.63	2.76	35	23
GHATGHAR	2.07	9.75	250	0
Total	3.53	18.77		
Wind				
Total	3.28	19.74	0	0
Total	3.28	19.74		
CPP				
APML(Mus)	55.66	261.36	0	0
JSWEL(Mus)	9.21	45.37	0	0
VIPL(Mus)	6.15	34.57	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.84	20.34	0	0
Other(Mus)	9.54	46.61	0	0
Total	84.41	408.24		
SOLAR				
Total	1.23	6.04	0	0
Total	1.23	6.04		
Tata				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.36	12.09	115	78
Trombay 7B	1.47	7.45	67	55
Trombay 8	5.40	26.58	250	201
TATA Hydro	6.05	22.15	447	17
Total	15.28	94.65		
R-INFRA				
1-2	10.56	52.44	510	383
Total	10.56	52.44		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Koradi 10	0.00	0.00	MSPGCL Thermal	128.05	684.59	MSPGCL Total	159.84	810.35
			MSPGCL Thml+Gas	138.64	728.38	Koyna 1,2 & 4 Total	14.71	52.17
			MSPGCL Hydro	21.20	81.98	State Total	277.62	1403.50

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 05/Jan/2017

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			THM	GAS										
1	4727	64	480	5271	201	3358	0	0	4495	4102	-902	12030	0	12030	1631	13661	49.97
2	4474	64	480	5018	259	3361	0	0	4433	4359	-775	12222	0	12222	1506	13728	50.00
3	4471	69	473	5013	244	3356	0	0	4482	4325	-682	12256	0	12256	1413	13669	49.98
4	4546	79	487	5112	244	3355	0	0	4468	4375	-642	12444	0	12444	1371	13815	49.99
5	4558	69	488	5115	246	3367	33	0	4631	4609	-659	12712	0	12712	1388	14100	49.98
6	5020	239	486	5745	234	3428	72	0	4849	4976	-756	13699	0	13699	1489	15188	49.96
7	5532	648	488	6668	248	3630	162	0	5187	5057	-779	14986	0	14986	1741	16727	49.96
8	5760	1705	473	7938	264	3672	221	6	5310	5647	-634	17114	0	17114	1860	18974	49.95
9	5973	1838	481	8292	191	3687	231	58	5883	5889	-867	17481	0	17481	2178	19659	49.92
10	5975	1811	464	8250	139	3669	231	120	6083	6229	-1007	17631	0	17631	2364	19995	49.92
11	5976	2142	459	8577	79	3671	231	159	6252	6172	-1219	17670	0	17670	2586	20256	49.99
12	5988	2039	458	8485	69	3672	231	179	6351	6220	-1251	17606	0	17606	2598	20204	49.99
13	5798	1750	443	7991	58	3677	232	184	6094	5976	-1210	16908	0	16908	2561	19469	49.94
14	5569	1780	397	7746	42	3670	231	180	6055	6010	-1126	16753	0	16753	2452	19205	49.99
15	5480	1768	371	7619	37	3671	232	154	6057	6263	-1089	16887	0	16887	2472	19359	49.94
16	5536	1541	423	7500	42	3666	232	118	6373	6106	-1109	16555	0	16555	2489	19044	49.99
17	5835	1316	410	7561	19	3694	233	64	5716	6130	-1104	16597	0	16597	2486	19083	49.91
18	5748	431	270	6449	30	3678	233	10	5519	5142	-1254	14288	0	14288	2462	16750	49.94
19	5487	637	319	6443	58	3608	194	0	5601	5705	-1324	14684	0	14684	2519	17203	49.97
20	5352	550	378	6280	127	3556	18	0	5783	5887	-1281	14587	0	14587	2473	17060	50.01
21	5308	232	454	5994	143	3500	0	0	5359	5181	-1265	13553	0	13553	2347	15900	49.95
22	5026	205	475	5706	137	3363	0	0	5042	4735	-1284	12657	0	12657	2177	14834	50.01
23	4969	105	464	5538	98	3132	0	0	4418	4366	-1250	11884	0	11884	2000	13884	49.94
24	4939	115	473	5527	75	2967	0	0	4432	4657	-1094	12132	0	12132	1838	13970	49.99
MUs	128.05	21.20	10.59	159.84	3.28	84.41	3.02	1.23	128.87	128.12	-24.56	355.34	0.00	355.34	50.40	405.74	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 05/Jan/2017

Position as on 6.30 Hrs of 06/Jan/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Paras Unit 3	250	25/10/2016	08.54		Continued.	(Stator Fault)continued under AOH.26/10/2016 00.00hrs	
MSPGCL	Koradi Unit-8	660	12/12/2016	23.59		Continued.	Annual Overhaul	
TPC-G	Trombay 5	500	03/01/2017	21.49		Continued.	Annual Overhaul	
MSPGCL	Koyana Unit 4	75	04/01/2017	09.20	05/01/2017	23.55	R.M.Work.	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
MSPGCL	Bhusawal Unit 3	210	16/09/2016	00.02		Continued.	Zero Schedule by MSEDCL	
IPP	Adani U-1	660	06/11/2016	11.10		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	15/11/2016	20.00		Continued.	Zero schedule	
IPP	JSW (J) U1	300	16/11/2016	14.38		Continued.	Due To CW Duct Leakage.	
IPP	RPL(AMT) U-4	270	16/11/2016	21.03		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	16/11/2016	22.36		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	17/11/2016	17.23		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	18/11/2016	16.23		Continued.	w/dn for balance work.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 05/Jan/2017

Position as on 6.30 Hrs of 06/Jan/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	JSW (J) U2	300	01/12/2016	00.00		Continued.	No Schedule.	
MSPGCL	Nasik Unit 3	210	11/12/2016	16.50		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 7	210	19/12/2016	21.52		Continued.	Zero Schedule BY MSEDCL	
MSPGCL	Koradi Unit 10	660	29/12/2016	04.54		Continued.	Boiler Tube Leakage	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	
PGPL	PGPL U1	262	04/01/2017	19.15	05/01/2017	03.59	Withdrawal due to Non Schedule	
PGPL	PGPL U2	126	04/01/2017	19.16	05/01/2017	05.17	Withdrawal due to Non Schedule	
MSPGCL	Chandrapur Unit 9	500	04/01/2017	19.34		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 5	500	05/01/2017	00.41	05/01/2017	05.26	Drum Level High.	
MSPGCL	Paras Unit 4	250	05/01/2017	12.22	05/01/2017	15.40	Loss of Excitation.	
MSPGCL	Parli Unit 6	250	05/01/2017	13.27	05/01/2017	15.55	Furnace Pressure High	
PGPL	PGPL U1	262	05/01/2017	19.15		Continued.	Withdrawal due to No Schedule.	
PGPL	PGPL U2	126	05/01/2017	19.16		Continued.	Withdrawal due to No Schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 05/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 06/Jan/2017

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 II	InterState	04/01/2017	18.26	05/01/2017	06.54	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	05/01/2017	18.12	06/01/2017	06.30	HT	Over Voltage
Dabhol Nagothane II	InterState	05/01/2017	19.11	05/01/2017	23.14	T	Over Voltage
karad -kolhapur-I	IntraState	04/01/2017	16.17	05/01/2017	09.15	HT	Over Voltage
Karad - Jaigad - II	IntraState	04/01/2017	16.19	05/01/2017	09.18	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	04/01/2017	17.36	05/01/2017	06.39	HT	Over Voltage
New Koyna - Koyna Stage IV-II	IntraState	04/01/2017	21.36	05/01/2017	08.05	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	04/01/2017	21.36	05/01/2017	06.43	HT	Over Voltage
Lonikand2-Lonikand1 (Intrconector)	IntraState	05/01/2017	09.21	05/01/2017	15.20	PO	Routine Maintenance Work
Lonikand 1 -Jejuri	IntraState	05/01/2017	10.17	05/01/2017	18.19	PO	Routine Maintenance Work
Girwali-Solapur (Lamboti)	IntraState	05/01/2017	16.41	05/01/2017	18.36	HT	For PMU Installation Work.
Bhusawal-Aurangabad	IntraState	05/01/2017	17.39	06/01/2017	06.20	HT	Over Voltage
Karad-Jaigad - I	IntraState	05/01/2017	20.43		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	05/01/2017	21.32		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/22 Kv 100 Mva Ict 1 @Koradi	IntraState	02/01/2017	21.10		Continued.	PO	ATTEND DC LEAKAGE.
400/220kv 315MVA ICT 2 @ Chandrapur	IntraState	05/01/2017	22.06	06/01/2017	02.13	PO	Attending Hot Spot
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.
Pandharpur - Hiwarwada	IntraState	05/01/2017	00.18	05/01/2017	02.59	T	Distance Protection
Hingoli- Girawali	IntraState	05/01/2017	10.30	05/01/2017	15.21	PO	Wave trap Hot Spot Attending Work.
Ambazari-Kalmeshwar	IntraState	05/01/2017	11.12	05/01/2017	15.00	PO	To Attend Hot Spot on Y Ph CT P2 Side.
Ghatghar - Bapgaon	IntraState	05/01/2017	11.25	05/01/2017	18.05	PO	Testing Work
Chikhli-Jalna-II	IntraState	05/01/2017	12.22	05/01/2017	13.05	T	LTS Scheme Opted on 315 MVA 400KV Akola ICT Due to Paras Unit-4 Tripped.
Badnera - Amravati	IntraState	05/01/2017	12.28	05/01/2017	17.18	HT	For Akola ICT Loading.
Badnera - Nandgaonpeth	IntraState	05/01/2017	12.35	05/01/2017	17.07	HT	For Controlling Akola ICT loading.
Pusad - Hingoli	IntraState	05/01/2017	18.34		Continued.	HT	For Wardha-Yeotmal L/L.
Nanded-Ghatodi	IntraState	05/01/2017	18.42		Continued.	HT	For Kumbhargaoon-Nanded L/L.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/100 Kv 50 Mva Gec Ict 1 @Kandalgaon	IntraState	15/12/2016	12.15		Continued.	PO	Augumentation Work(Outage for 3 Months).
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	27/12/2016	17.30		Continued.	PO	Testing Work
220/22 Kv 50 Mva Telk Ptr 2 @Mahad	IntraState	04/01/2017	10.26		Continued.	PO	T/F Replacement Work.
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	05/01/2017	09.45	05/01/2017	10.40	PO	Attending Oil Leakage
220/33 Kv 100 Mva Cgl Ptr 3 @Jamde	IntraState	05/01/2017	10.35	05/01/2017	14.06	PO	Diagnostic 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 05/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 06/Jan/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33 Kv 100 Mva Cgl Ptr 4 @Jamde	IntraState	05/01/2017	15.08	05/01/2017	17.28	PO	Diagnostic Testing Work.
132 KV LINE Outages/Trippings							
Daund-Alegaon	IntraState	25/12/2016	07.30		Continued.	PO	CONSTRUCTION WORK.
Kardha-Sakoli	IntraState	05/01/2017	08.34	05/01/2017	09.08	T	Distance Protection
Chikhli-Dhad	IntraState	05/01/2017	12.22	05/01/2017	12.42	T	LTS Scheme Opted on 315 MVA 400KV Akola ICT Due to Paras Unit-4 Tripped.
Chikhali-Deulgaon Mahi	IntraState	05/01/2017	12.22	05/01/2017	12.46	T	LTS Scheme Opted on 315 MVA 400KV Akola ICT Due to Paras Unit-4 Tripped.