

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 03/Jan/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.511	416.554	1) Gujrat	-1.849	-4.748
2) Hydro	17.105	41.856	2) Madhya Pradesh	5.747	20.661
3) Gas	7.717	22.061	3) Chattisgarh	7.600	23.520
Total MSPGCL	166.333	480.471	4) Maharashtra Net	104.911	319.369
B) 1) APML	53.377	151.710	5) Goa (Amona)	-0.802	-2.110
2) JSWEL	8.792	27.000	Total	115.607	356.692
3) VIPL	6.704	21.478	a) Mumbai Schedule	14.737	40.184
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	18.555	49.075
5) WPCL	4.252	12.314	c) MSEDCL Bilateral *	31.487	94.513
6) PGPL	3.016	6.015	Include PX	1.903	5.788
7) Other IPP	9.246	27.754	d) Mumbai Bilateral *	14.737	40.184
C) 1) TPCL Thermal	13.872	42.231	Include PX	4.252	8.782
2) TPCL Hydro	4.632	9.659	Include Standby	0.000	0.000
3) TPCL Gas	3.759	12.035	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.609	31.335	1) MSEDCL	357.400	1049.324
D) STATE			2) Mumbai Discoms	51.426	144.334
1) Thermal	248.363	730.376	TOTAL STATE	408.826	1193.658
(A1+C1+C4+(B1-B6))					
2) Hydro	21.737	51.515			
(A2+C2)					
3) Gas	14.492	40.111			
(A3+B6+C3)					
4) Wind	7.408	11.419			
6) SOLAR	1.220	3.546			
TOTAL STATE	293.220	836.967			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6422	6382	5855	5302
MSPGCL Hydro	1486	1480	591	121
MSPGCL Gas	285	292	294	311
MSPGCL Total Generation	8193	8154	6740	5734
Central Sector Receipt	5683	5335	5128	3901
WIND	300	212	202	255
CPP / IPP Thermal	3625	3654	3701	2957
CPP / IPP Gas	232	232	181	0
SOLAR	157	176	0	0
Exchange with Mumbai	-857	-767	-1176	-422
MSEDCL DEMAND MET	17333	16996	14776	12425
Load Shedding	0	0	0	0
MSEDCL DEMAND	17333	16996	14776	12425
TPCL GENERATION	1295	1326	1000	652
R-INFRA GENERATION	506	509	386	386
MUMBAI DEMAND	2658	2602	2562	1460
STATE DEMAND MET	19991	19598	17338	13885
STATE DEMAND	19991	19598	17338	13885
Frequency (Hz)	49.95	49.89	49.97	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 18.01 Hrs	49.73 Hz at 05.42 Hrs	49.95	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 03/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	11.98	33.84	555	480
Total	11.98	33.84		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.48	30.82	510	350
Unit 5	10.37	30.74	505	350
Total	20.86	61.56		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.34	15.61	250	189
Unit 7	5.21	15.53	248	180
Unit 8	0.00	0.00	0	0
Total	10.55	31.14		
Chandrapur				
Unit 3	4.48	13.15	200	163
Unit 4	4.42	13.04	198	168
Unit 5	10.02	29.32	465	365
Unit 6	9.76	28.86	440	350
Unit 7	9.32	27.57	412	350
Unit 8	10.80	30.97	500	370
Unit 9	9.11	26.62	453	329
Total	57.91	169.54		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.29	15.90	254	190
Total	5.29	15.90		
Khaparkheda				
Unit 1	4.18	12.47	190	165
Unit 2	4.05	12.13	190	145
Unit 3	4.36	12.99	202	162
Unit 4	4.17	12.55	190	164
Unit 5	10.24	30.58	490	365
Total	27.00	80.72		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.95	11.88	168	162
Unit 5	3.98	11.98	170	160
Total	7.93	23.86		
Uran				
All Units	7.72	22.06	474	275
Total	7.72	22.06		
PGPL				
Unit 1	1.83	3.65	142	0
Unit 2	1.18	2.36	92	0
Total	3.02	6.02		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.73	1.60	52	0
Total	0.73	1.60		
Koyna				
Stage 1-2	4.54	11.98	475	40
Stage 4	6.20	13.33	803	0
Stage 3	2.12	5.46	240	0
Total	12.86	30.78		
Hydro				
KDPH	0.89	0.89	38	37
VTRNA	0.45	1.33	60	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.23	0.55	40	0
RNGR+BHTSA	0.36	1.08	15	14
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.62	1.53	33	23
GHATGHAR	1.70	5.70	250	0
Total	4.25	11.08		
Wind				
Total	7.41	11.42	0	0
Total	7.41	11.42		
CPP				
APML(Mus)	53.38	151.71	0	0
JSWEL(Mus)	8.79	27.00	0	0
VIPL(Mus)	6.70	21.48	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.25	12.31	0	0
Other(Mus)	9.25	27.75	0	0
Total	82.37	240.26		
SOLAR				
Total	1.22	3.55	0	0
Total	1.22	3.55		
Tata				
Trombay 5	8.52	26.38	466	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.30	7.49	115	78
Trombay 7B	1.46	4.55	68	54
Trombay 8	5.35	15.85	250	199
TATA Hydro	4.63	9.66	445	8
Total	22.26	63.92		
R-INFRA				
1-2	10.61	31.34	510	385
Total	10.61	31.34		

* 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	141.51	416.55	MSPGCL Total	166.33	480.47
			MSPGCL Thml+Gas	149.23	438.62	Koyna 1,2 & 4 Total	10.74	25.31
			MSPGCL Hydro	17.10	41.86	State Total	293.22	836.97

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/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	5372	116	311	5799	280	3020	0	0	3975	3931	-610	12420	0	12420	1665	14085	49.97
2	5353	117	302	5772	280	2961	0	0	3947	4012	-493	12532	0	12532	1531	14063	49.95
3	5302	121	311	5734	255	2957	0	0	3946	3901	-422	12425	0	12425	1460	13885	49.97
4	5301	126	302	5729	316	2955	0	0	3869	4025	-382	12643	0	12643	1422	14065	49.97
5	5261	146	311	5718	409	2981	35	0	4163	4283	-381	13044	0	13044	1417	14461	49.95
6	5435	116	299	5850	436	3109	79	0	4671	4681	-526	13629	0	13629	1572	15201	49.89
7	6104	424	317	6845	500	3494	168	0	4927	5122	-565	15563	0	15563	1726	17289	49.99
8	6409	1238	313	7960	557	3662	222	9	5054	5124	-453	17081	0	17081	1932	19013	49.96
9	6364	1391	315	8070	461	3657	234	61	5486	5658	-565	17576	0	17576	2123	19699	49.96
10	6340	1549	309	8198	503	3668	232	114	5597	5452	-731	17436	0	17436	2431	19867	49.91
11	6367	1454	277	8098	400	3656	232	157	5702	5522	-860	17205	0	17205	2643	19848	49.97
12	6422	1486	285	8193	300	3625	232	157	5758	5683	-857	17333	0	17333	2658	19991	49.95
13	6382	1480	292	8154	212	3654	232	176	5436	5335	-767	16996	0	16996	2602	19598	49.89
14	6355	1259	280	7894	138	3600	231	182	5370	5424	-746	16723	0	16723	2501	19224	49.98
15	6345	1315	281	7941	117	3580	231	159	5306	5389	-714	16703	0	16703	2524	19227	49.93
16	6270	1425	275	7970	165	3618	231	124	5373	5601	-717	16991	0	16991	2533	19524	49.93
17	6286	1249	283	7818	161	3672	231	68	5016	5247	-751	16446	0	16446	2542	18988	49.93
18	6065	277	288	6630	197	3685	232	13	4914	4919	-989	14687	0	14687	2518	17205	49.95
19	5855	591	294	6740	202	3701	181	0	5005	5128	-1176	14776	0	14776	2562	17338	49.97
20	6056	582	339	6977	247	3687	14	0	4974	4950	-1181	14694	0	14694	2523	17217	49.98
21	5899	210	356	6465	222	3676	0	0	4651	4261	-1081	13543	0	13543	2388	15931	49.92
22	5421	179	443	6043	280	3510	0	0	4482	4097	-1160	12770	0	12770	2241	15011	49.97
23	5274	134	460	5868	369	3208	0	0	4083	3888	-1288	12045	0	12045	2042	14087	49.95
24	5273	120	474	5867	401	3039	0	0	3988	3972	-1140	12139	0	12139	1871	14010	49.98
MUs	141.51	17.10	7.72	166.33	7.41	82.37	3.02	1.22	115.69	115.61	-18.55	357.40	0.00	357.40	51.43	408.83	49.95

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 03/Jan/2017

Position as on 6.30 Hrs of 04/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	
MSPGCL	Koyna Unit 2	75	03/01/2017	07.20	03/01/2017	17.35	Maintenance work	
TPC-G	Trombay 5	500	03/01/2017	21.49		Continued.	Annual Overhaul	
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 03/Jan/2017

Position as on 6.30 Hrs of 04/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	
MSPGCL	Uran Unit 6	108	31/12/2016	06.33	03/01/2017	18.44	Gas shortage	
PGPL	PGPL U1	262	02/01/2017	19.15	03/01/2017	04.00	No Schedule	
PGPL	PGPL U2	126	02/01/2017	19.17	03/01/2017	05.09	No Scedule	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	
PGPL	PGPL U1	262	03/01/2017	19.15	04/01/2017	04.00	No Schedule	
PGPL	PGPL U2	126	03/01/2017	19.15	04/01/2017	05.02	No schedule	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 04/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	02/01/2017	18.08	03/01/2017	06.22	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	03/01/2017	17.32	04/01/2017	06.30	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/01/2017	11.29	03/01/2017	07.46	PO	Q.M.WORK (RFC 16.55 DT.02/01/2017)
Karad-Jaigad - I	IntraState	02/01/2017	16.07	03/01/2017	10.00	HT	Over Voltage
karad -kolhapur-II	IntraState	02/01/2017	16.09	03/01/2017	10.01	HT	Over Voltage
Main Bus-II @ Akola	IntraState	03/01/2017	11.22	03/01/2017	16.38	PO	ERECTION OF BUS ISOLETOR.
karad -kolhapur-I	IntraState	03/01/2017	16.18		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	03/01/2017	16.21		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	03/01/2017	19.45		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/01/2017	21.25		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.
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.
Kharghar - Nerul	IntraState	31/12/2016	11.30	03/01/2017	19.06	PO	High AMP Conductor Repalcement.
Parli 3 (Old Gcr)-Osmanabad	IntraState	03/01/2017	09.38	03/01/2017	18.11	PO	Line Maintenance work
Niwali - Pawas Line	IntraState	03/01/2017	13.05	03/01/2017	17.21	PO	Line Maintenance work
Sonkhar - Trombay	IntraState	03/01/2017	13.08	03/01/2017	13.28	T	Distance Protection
Pusad-WardhaPG(Deoli)	IntraState	03/01/2017	13.12	03/01/2017	19.49	PO	Distance Relay Testing Work
Eklahara(Gcr)(Nasik)- Bableswhar-I	IntraState	03/01/2017	4.00	03/01/2017	4.17	T	Distance Protection
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	Augmentation Work(Outage for 3 Months).
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	27/12/2016	17.30		Continued.	PO	Testing Work
220/132 Kv 100 Mva Ict 1 @Paranda	IntraState	03/01/2017	04.55	03/01/2017	05.45	T	TRIPPED WHILE CHANCHING TAP POSITION.
220/132 Kv 100 Mva Ict 2 @Paranda	IntraState	03/01/2017	04.55	03/01/2017	05.45	T	TRIPPED WHILE CHANCHING TAP POSITION.
132 KV LINE Outages/Trippings							
Daund-Alegaon	IntraState	25/12/2016	07.30		Continued.	PO	CONSTRUCTION WORK.

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