

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Jan/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	137.893	275.043	1) Gujrat	-1.144	-2.899
2) Hydro	15.760	24.751	2) Madhya Pradesh	7.544	14.914
3) Gas	7.164	14.344	3) Chattisgarh	8.140	15.920
Total MSPGCL	160.817	314.138	4) Maharashtra Net	109.507	214.458
B) 1) APML	49.765	98.333	5) Goa (Amona)	-0.798	-1.308
2) JSWEL	9.333	18.208	Total	123.249	241.085
3) VIPL	7.549	14.774	a) Mumbai Schedule	14.375	25.447
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	17.555	30.520
5) WPCL	4.157	8.062	c) MSEDCL Bilateral *	32.649	63.026
6) PGPL	2.999	2.999	Include PX	2.588	3.885
7) Other IPP	8.960	18.508	d) Mumbai Bilateral *	14.375	25.447
C) 1) TPCL Thermal	14.273	28.359	Include PX	3.699	4.529
2) TPCL Hydro	4.708	5.027	Include Standby	0.000	0.000
3) TPCL Gas	3.920	8.276	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.375	20.726	1) MSEDCL	352.265	691.924
D) STATE			2) Mumbai Discoms	50.831	92.908
1) Thermal	242.305	482.013	TOTAL STATE	403.096	784.832
(A1+C1+C4+(B1-B6))					
2) Hydro	20.468	29.778			
(A2+C2)					
3) Gas	14.083	25.619			
(A3+B6+C3)					
4) Wind	1.783	4.011			
6) SOLAR	1.208	2.326			
TOTAL STATE	279.847	543.747			

* 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 1 Hrs
MSPGCL Thermal	6263	6228	5221	5340
MSPGCL Hydro	1503	1633	523	76
MSPGCL Gas	289	295	285	299
MSPGCL Total Generation	8055	8156	6029	5715
Central Sector Receipt	6367	5685	5677	3539
WIND	45	45	96	61
CPP / IPP Thermal	3563	3566	3435	3054
CPP / IPP Gas	231	230	183	0
SOLAR	179	179	0	0
Exchange with Mumbai	-814	-827	-1112	-576
MSEDCL DEMAND MET	17626	17034	14308	11793
Load Shedding	0	0	0	0
MSEDCL DEMAND	17626	17034	14308	11793
TPCL GENERATION	1333	1291	1026	651
R-INFRA GENERATION	505	508	385	387
MUMBAI DEMAND	2652	2626	2523	1614
STATE DEMAND MET	20278	19660	16831	13407
STATE DEMAND	20278	19660	16831	13407
Frequency (Hz)	49.99	49.96	49.99	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 05.02 Hrs	49.76 Hz at 18.10 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 02/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	11.36	21.86	509	450
Total	11.36	21.86		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.25	20.33	510	355
Unit 5	10.29	20.37	510	350
Total	20.54	40.70		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.13	10.27	250	161
Unit 7	5.16	10.32	252	188
Unit 8	0.00	0.00	0	0
Total	10.29	20.59		
Chandrapur				
Unit 3	4.38	8.68	200	165
Unit 4	4.30	8.62	196	166
Unit 5	9.76	19.30	460	355
Unit 6	9.58	19.10	450	355
Unit 7	9.05	18.24	410	349
Unit 8	10.19	20.18	500	360
Unit 9	8.06	17.52	391	255
Total	55.33	111.63		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.36	10.61	255	195
Total	5.36	10.61		
Khaparkheda				
Unit 1	4.14	8.29	195	155
Unit 2	4.02	8.08	200	155
Unit 3	4.34	8.63	203	165
Unit 4	4.21	8.38	192	162
Unit 5	10.36	20.34	500	375
Total	27.07	53.72		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.96	7.93	170	159
Unit 5	3.99	8.00	170	160
Total	7.95	15.93		
Uran				
All Units	7.16	14.34	331	275
Total	7.16	14.34		
PGPL				
Unit 1	1.82	1.82	142	0
Unit 2	1.18	1.18	90	0
Total	3.00	3.00		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.53	0.87	44	0
Total	0.53	0.87		
Koyna				
Stage 1-2	4.34	7.44	475	40
Stage 4	5.48	7.13	646	0
Stage 3	2.46	3.34	240	0
Total	12.27	17.92		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.43	0.88	59	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	0.32	40	0
RNGR+BHTSA	0.36	0.72	15	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.47	0.90	29	16
GHATGHAR	2.03	4.01	250	0
Total	3.49	6.83		
Wind				
Total	1.78	4.01	0	0
Total	1.78	4.01		
CPP				
APML(Mus)	49.76	98.33	0	0
JSWEL(Mus)	9.33	18.21	0	0
VIPL(Mus)	7.55	14.77	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.16	8.06	0	0
Other(Mus)	8.96	18.51	0	0
Total	79.76	157.88		
SOLAR				
Total	1.21	2.33	0	0
Total	1.21	2.33		
Tata				
Trombay 5	9.00	17.86	470	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.42	5.18	115	77
Trombay 7B	1.50	3.09	67	55
Trombay 8	5.27	10.50	250	199
TATA Hydro	4.71	5.03	432	9
Total	22.90	41.66		
R-INFRA				
1-2	10.38	20.73	510	385
Total	10.38	20.73		

* 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	137.89	275.04	MSPGCL Total	160.82	314.14
			MSPGCL Thml+Gas	145.06	289.39	Koyna 1,2 & 4 Total	9.82	14.58
			MSPGCL Hydro	15.76	24.75	State Total	279.85	543.75

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	5340	76	299	5715	61	3054	0	0	3575	3539	-576	11793	0	11793	1614	13407	49.98
2	5324	71	319	5714	81	3070	0	0	3627	3753	-458	12160	0	12160	1491	13651	49.98
3	5333	76	312	5721	46	3039	0	0	3512	3721	-393	12134	0	12134	1426	13560	50.05
4	5315	81	325	5721	38	3048	0	0	3585	3701	-346	12162	0	12162	1382	13544	50.04
5	5305	81	311	5697	49	3038	29	0	3777	4103	-367	12549	0	12549	1398	13947	50.08
6	5383	228	331	5942	55	3180	81	0	4542	4802	-475	13585	0	13585	1510	15095	50.00
7	6104	356	313	6773	42	3428	164	0	5358	5141	-565	14983	0	14983	1666	16649	49.98
8	6296	947	321	7564	62	3473	221	4	5503	5736	-419	16641	0	16641	1845	18486	49.93
9	6320	1255	315	7890	41	3480	230	55	5844	5983	-497	17182	0	17182	2083	19265	49.90
10	6329	1453	294	8076	46	3492	230	117	6099	6059	-736	17284	0	17284	2444	19728	49.94
11	6324	1408	312	8044	44	3503	231	150	6177	6223	-788	17407	0	17407	2594	20001	49.96
12	6263	1503	289	8055	45	3563	231	179	6126	6367	-814	17626	0	17626	2652	20278	49.99
13	6228	1633	295	8156	45	3566	230	179	5893	5685	-827	17034	0	17034	2626	19660	49.96
14	6268	1235	294	7797	49	3500	230	175	5931	5957	-791	16917	0	16917	2532	19449	49.99
15	6239	1199	286	7724	54	3450	231	156	6058	5806	-744	16677	0	16677	2544	19221	49.96
16	6125	1187	285	7597	58	3441	231	118	6099	6206	-771	16880	0	16880	2554	19434	49.96
17	6148	922	275	7345	72	3447	231	64	5758	6264	-896	16527	0	16527	2550	19077	49.95
18	5440	309	276	6025	67	3451	231	11	5587	5559	-1025	14319	0	14319	2492	16811	49.95
19	5221	523	285	6029	96	3435	183	0	5561	5677	-1112	14308	0	14308	2523	16831	49.99
20	5292	617	285	6194	101	3422	15	0	5560	5456	-1093	14095	0	14095	2476	16571	50.02
21	5283	235	286	5804	117	3430	0	0	4985	4949	-1102	13198	0	13198	2400	15598	49.94
22	5321	166	286	5773	143	3175	0	0	4535	4490	-1054	12527	0	12527	2207	14734	49.98
23	5344	122	284	5750	172	3049	0	0	4116	4095	-958	12108	0	12108	2026	14134	49.97
24	5348	77	286	5711	199	3034	0	0	3942	3977	-748	12173	0	12173	1796	13969	50.00
MUs	137.89	15.76	7.16	160.82	1.78	79.76	3.00	1.21	121.75	123.25	-17.55	352.27	0.00	352.27	50.83	403.10	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 02/Jan/2017

Position as on 6.30 Hrs of 03/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	
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.	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Jan/2017

Position as on 6.30 Hrs of 03/Jan/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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		Continued.	Gas shortage	
PGPL	PGPL U2	126	31/12/2016	19.15		Continued.	No Schedule	
PGPL	PGPL U1	262	31/12/2016	19.15		Continued.	No Schedule	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 03/Jan/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	02/01/2017	08.47		Continued.	PO	COMPLETE OVERHAULING WORK.
400 KV LINE Outages/Trippings							
Kolhapur Solapur(PG) I	InterState	31/12/2016	09.00		Continued.	PO	For Lilo At Alkud S/Stn.
Dhule Sar'Sarovar II	InterState	01/01/2017	17.24	02/01/2017	06.25	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	02/01/2017	08.33	02/01/2017	13.57	PO	WORK PERMIT FOR NORMALISATION.
Dhule Sar'Sarovar II	InterState	02/01/2017	18.08	03/01/2017	06.22	HT	Over Voltage
karad -kolhapur-I	IntraState	01/01/2017	16.41	02/01/2017	07.39	HT	Over Voltage
Karad - Jaigad - II	IntraState	01/01/2017	16.44	02/01/2017	10.48	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	01/01/2017	17.19	02/01/2017	06.17	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	01/01/2017	17.26	02/01/2017	06.41	HT	Over Voltage
Nagothane - Dabhol I	IntraState	02/01/2017	11.21	02/01/2017	15.21	PO	SWITCH REPLACEMENT WORK.
Bhusawal-Aurangabad	IntraState	02/01/2017	11.29	02/01/2017	16.55	PO	Quarterly Maintainance Work
Koradi-Khaperkheda li	IntraState	02/01/2017	12.26	02/01/2017	17.45	PO	Attending Hot Spot
Karad-Jaigad - I	IntraState	02/01/2017	16.07		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	02/01/2017	16.09		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 Mva ICT I @Karad	IntraState	02/01/2017	11.55	02/01/2017	19.46	EO	BUSHING REPLACEMENT WORK.
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		Continued.	PO	High AMP Conductor Repalcement.
Karad -Mudshingi Ckt- IV	IntraState	02/01/2017	10.24	02/01/2017	17.01	PO	SSN AND DSN WORK.
Talandge(400kv)- Ichalkaranji 1	IntraState	02/01/2017	12.15	02/01/2017	15.15	PO	SAFTY PERPOSE.
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
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