

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 07/Jan/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.196	942.343	1) Gujrat	-0.333	-7.420
2) Hydro	16.750	117.440	2) Madhya Pradesh	13.289	55.401
3) Gas	11.146	65.894	3) Chattisgarh	5.650	54.520
Total MSPGCL	157.092	1125.677	4) Maharashtra Net	120.981	784.665
B) 1) APML	50.034	360.039	5) Goa (Amona)	-0.776	-5.148
2) JSWEL	9.103	63.454	Total	138.811	882.018
3) VIPL	6.058	46.607	a) Mumbai Schedule	13.093	102.406
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.650	144.435
5) WPCL	2.121	26.252	c) MSEDCL Bilateral *	34.685	224.745
6) PGPL	0.000	12.044	Include PX	3.951	13.802
7) Other IPP	9.010	64.937	d) Mumbai Bilateral *	13.093	102.406
C) 1) TPCL Thermal	5.312	63.599	Include PX	3.522	28.512
2) TPCL Hydro	6.325	34.648	Include Standby	0.000	0.000
3) TPCL Gas	3.884	27.559	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.486	73.290	1) MSEDCL	356.109	2473.594
D) STATE			2) Mumbai Discoms	47.657	343.530
1) Thermal	221.320	1640.521	TOTAL STATE	403.766	2817.124
(A1+C1+C4+(B1-B6))					
2) Hydro	23.075	152.088			
(A2+C2)					
3) Gas	15.030	105.497			
(A3+B6+C3)					
4) Wind	4.321	28.519			
6) SOLAR	1.209	8.482			
TOTAL STATE	264.955	1935.107			

* 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	5827	5839	5111	4834
MSPGCL Hydro	1854	1661	374	105
MSPGCL Gas	462	454	454	472
MSPGCL Total Generation	8143	7954	5939	5411
Central Sector Receipt	7326	6558	6176	4408
WIND	55	139	403	141
CPP / IPP Thermal	3236	3327	3284	2948
CPP / IPP Gas	0	0	0	0
SOLAR	165	191	0	0
Exchange with Mumbai	-1068	-1049	-1162	-656
MSEDCL DEMAND MET	17857	17120	14640	12252
Load Shedding	0	0	0	0
MSEDCL DEMAND	17857	17120	14640	12252
TPCL GENERATION	888	888	749	345
R-INFRA GENERATION	508	508	386	387
MUMBAI DEMAND	2464	2445	2297	1388
STATE DEMAND MET	20321	19565	16937	13640
STATE DEMAND	20321	19565	16937	13640
Frequency (Hz)	49.99	49.99	49.99	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.26 Hz at 06:03 Hrs	49.78 Hz at 18:11 Hrs	49.99	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 07/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	11.81	80.76	510	479
Total	11.81	80.76		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.24	72.36	505	355
Unit 5	10.31	69.99	510	360
Total	20.54	142.36		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.11	34.82	242	190
Unit 7	5.14	36.16	248	191
Unit 8	0.00	0.00	0	0
Total	10.25	70.98		
Chandrapur				
Unit 3	4.41	30.91	200	166
Unit 4	4.41	29.88	199	165
Unit 5	9.60	68.28	445	356
Unit 6	9.45	67.31	440	355
Unit 7	9.02	64.09	428	345
Unit 8	10.48	71.96	500	370
Unit 9	2.00	35.57	360	0
Total	49.38	367.99		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.34	36.31	252	194
Total	5.34	36.31		
Khaparkheda				
Unit 1	4.15	29.21	190	155
Unit 2	3.80	28.58	185	130
Unit 3	0.09	26.16	88	0
Unit 4	4.27	29.57	194	164
Unit 5	10.50	72.40	500	370
Total	22.81	185.92		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.01	28.51	203	163
Unit 5	4.00	28.45	195	161
Total	8.01	56.96		
Uran				
All Units	11.15	65.89	492	440
Total	11.15	65.89		
PGPL				
Unit 1	0.00	7.30	0	0
Unit 2	0.00	4.75	0	0
Total	0.00	12.04		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.54	4.25	50	0
Total	0.54	4.25		
Koyna				
Stage 1-2	3.14	28.28	485	40
Stage 4	6.69	44.93	950	0
Stage 3	2.06	15.81	240	0
Total	11.90	89.02		
Hydro				
KDPH	0.00	1.35	0	0
VTRNA	0.38	3.08	59	0
TILLARI	0.50	0.86	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.42	2.02	80	0
RNGR+BHTSA	0.32	2.12	14	13
BHANDARDRA	0.46	0.92	28	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.69	4.15	38	25
GHATGHAR	2.08	13.91	250	0
Total	4.85	28.42		
Wind				
Total	4.32	28.52	0	0
Total	4.32	28.52		
CPP				
APML(Mus)	50.03	360.04	0	0
JSWEL(Mus)	9.10	63.45	0	0
VIPL(Mus)	6.06	46.61	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.12	26.25	0	0
Other(Mus)	9.01	64.94	0	0
Total	76.33	561.29		
SOLAR				
Total	1.21	8.48	0	0
Total	1.21	8.48		
Tata				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.41	17.09	115	86
Trombay 7B	1.48	10.47	67	57
Trombay 8	5.31	37.22	249	200
TATA Hydro	6.32	34.65	459	11
Total	15.52	125.81		
R-INFRA				
1-2	10.49	73.29	510	385
Total	10.49	73.29		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Koradi 10	1.05	1.05	MSPGCL Thermal	129.20	942.34	MSPGCL Total	157.09	1125.68
			MSPGCL Thml+Gas	140.34	1008.24	Koyna 1,2 & 4 Total	9.84	73.21
			MSPGCL Hydro	16.75	117.44	State Total	264.96	1935.11

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 07/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	4964	104	481	5549	161	2932	0	0	4513	4627	-862	12407	0	12407	1594	14001	50.02
2	4814	94	474	5382	166	2936	0	0	4449	4878	-734	12628	0	12628	1464	14092	50.01
3	4834	105	472	5411	141	2948	0	0	4446	4408	-656	12252	0	12252	1388	13640	49.98
4	4794	95	460	5349	164	2930	0	0	4426	4767	-624	12586	0	12586	1354	13940	49.99
5	4794	225	478	5497	159	2899	0	0	4834	4878	-640	12793	0	12793	1371	14164	50.04
6	5219	95	471	5785	134	2978	0	0	5573	5541	-718	13720	0	13720	1465	15185	49.97
7	5661	439	488	6588	97	3236	0	0	5974	5786	-768	14939	0	14939	1642	16581	50.04
8	5704	1381	476	7561	70	3273	0	6	6165	6300	-519	16691	0	16691	1780	18471	49.97
9	5805	1945	492	8242	36	3258	0	60	6422	6689	-656	17629	0	17629	2010	19639	50.00
10	5820	1860	475	8155	35	3261	0	112	6757	6959	-864	17658	0	17658	2262	19920	49.98
11	5804	1885	460	8149	59	3245	0	159	6939	6999	-1022	17589	0	17589	2417	20006	50.00
12	5827	1854	462	8143	55	3236	0	165	7006	7326	-1068	17857	0	17857	2464	20321	49.99
13	5839	1661	454	7954	139	3327	0	191	6723	6558	-1049	17120	0	17120	2445	19565	49.99
14	5820	1186	440	7446	223	3363	0	183	6615	6510	-897	16828	0	16828	2294	19122	49.99
15	5788	1013	445	7246	234	3381	0	134	6615	6499	-899	16595	0	16595	2293	18888	49.97
16	5816	909	442	7167	247	3396	0	127	6610	6558	-855	16640	0	16640	2253	18893	49.96
17	5650	173	450	6273	248	3398	0	61	6432	6612	-921	15671	0	15671	2245	17916	49.95
18	5300	217	466	5983	305	3361	0	11	6236	5918	-1063	14515	0	14515	2226	16741	49.98
19	5111	374	454	5939	403	3284	0	0	6234	6176	-1162	14640	0	14640	2297	16937	49.99
20	5045	384	455	5884	358	3282	0	0	6111	6129	-1236	14417	0	14417	2354	16771	50.00
21	5136	254	462	5852	300	3286	0	0	5463	5226	-1220	13444	0	13444	2316	15760	49.99
22	5201	107	460	5768	264	3225	0	0	5035	4654	-1086	12825	0	12825	2051	14876	50.01
23	5200	182	469	5851	194	2984	0	0	4364	4438	-1148	12319	0	12319	1948	14267	49.97
24	5250	208	460	5918	129	2908	0	0	4236	4375	-983	12347	0	12347	1724	14071	50.02
MUs	129.20	16.75	11.15	157.09	4.32	76.33	0.00	1.21	138.18	138.81	-21.65	356.11	0.00	356.11	47.66	403.77	49.99

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 07/Jan/2017

Position as on 6.30 Hrs of 08/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	
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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 07/Jan/2017

Position as on 6.30 Hrs of 08/Jan/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	07/01/2017	08.30	Boiler Tube Leakage	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	
MSPGCL	Chandrapur Unit 9	500	04/01/2017	19.34	07/01/2017	15.38	Boiler Tube Leakage	
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.	
MSPGCL	Khaparkheda Unit 3	210	07/01/2017	00.46	08/01/2017	02.23	Boiler Tube Leakage	
CPP	WPCL U-4	135	07/01/2017	04.45	07/01/2017	11.25	Generator Protection operated	
CPP	WPCL U-3	135	07/01/2017	04.50	07/01/2017	22.51	CHP coal feeding problem	
MSPGCL	Bhusawal Unit 4	500	08/01/2017	09.21		Continued.	Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 07/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 08/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 I	InterState	06/01/2017	16.46	07/01/2017	07.16	HT	Over Voltage
Koradi Bhilai	InterState	07/01/2017	09.22	07/01/2017	17.42	PO	Emergency outage
Dhule Sar'Sarovar II	InterState	07/01/2017	18.05	08/01/2017	07.13	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	08/01/2017	16.36		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	06/01/2017	17.06	07/01/2017	09.23	T	Over Voltage
Bhusawal-Aurangabad	IntraState	06/01/2017	19.43	07/01/2017	07.20	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	06/01/2017	21.57	07/01/2017	07.10	HT	Over Voltage
karad -kolhapur-I	IntraState	07/01/2017	02.06	07/01/2017	07.32	HT	Over Voltage
New Koyna -Koyna Stage IV-I	IntraState	07/01/2017	09.14	08/01/2017	06.42	PO	Testing & Maintenance work (RFC at 17:00hrs)
Bhusawal-Aurangabad	IntraState	07/01/2017	20.20	08/01/2017	07.20	HT	Over Voltage
Karad-Jaigad - I	IntraState	07/01/2017	21.15	08/01/2017	11.03	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	07/01/2017	22.17	08/01/2017	08.13	HT	Over Voltage
karad -kolhapur-II	IntraState	08/01/2017	16.08		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	08/01/2017	16.13		Continued.	HT	Over Voltage
Jaigad-New Koyna Ckt-I	IntraState	08/01/2017	17.01	08/01/2017	18.33	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/01/2017	18.12		Continued.	T	Over Voltage
New Koyna -Koyna Stage IV-I	IntraState	08/01/2017	18.12		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/01/2017	19.21		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/132 Kv 200 Mva Ict 1 @Khadka	IntraState	07/01/2017	20.23		Continued.	PO	jumper Connection Work.
220 KV LINE Outages/Trippings							
Vasai Boiser(PG)	InterState	08/01/2017	11.07	08/01/2017	14.09	HT	Taking load Of Nalasopara.
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.
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.
Mahad - Pedambe	IntraState	07/01/2017	03.57	07/01/2017	11.32	T	Distance Protection
Adlabs - Pedambe	IntraState	07/01/2017	05.06	07/01/2017	12.17	T	Distance Protection
GIS Bhandup - Borivali	IntraState	07/01/2017	08.14	07/01/2017	19.32	PO	Construction work.
Malegaon-Satana	IntraState	07/01/2017	09.15	07/01/2017	13.54	PO	Testing Work
Kalwa-TIFIL	IntraState	08/01/2017	07.29	08/01/2017	12.31	PO	Removal Of Jumper At Loc 68.
Chakan (400kv)-Volskwagon	IntraState	08/01/2017	08.16		Continued.	PO	Annual Maintenance Work
Kharghar - Nerul	IntraState	08/01/2017	08.20	08/01/2017	21.49	PO	Replacement Of Conductor.
Boisar(M) - Ghodbunder	IntraState	08/01/2017	09.31	08/01/2017	16.00	PO	Repalcement Of TTS Switch.
Salsette Borivli 2	IntraState	08/01/2017	10.37	08/01/2017	14.14	PO	Annual Maintenance Work
Padghe - Nalasopara	IntraState	08/01/2017	11.02	08/01/2017	13.43	PO	NT Switch Work.
Pirangut - Hinjawadi 2	IntraState	08/01/2017	12.25	08/01/2017	15.53	PO	Replacement Of Insulator String.
Kharghar - Kalwa 2	IntraState	08/01/2017	12.48	08/01/2017	21.49	PO	Construction Work.
Sahara-Urse	IntraState	08/01/2017	13.54	08/01/2017	17.29	PO	Repalcement Of Decapped Insulator String.

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 07/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 08/Jan/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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).
220/22 Kv 50 Mva Telk Ptr 2 @Mahad	IntraState	04/01/2017	10.26		Continued.	PO	T/F Replacement Work.
220/132kv 150MVA ICT-II @ Bhenda	IntraState	07/01/2017	15.00	07/01/2017	18.43	PO	Attending Oil Leakage
220/33kv 100 MVA Transformer 4 @Aarey R/S	IntraState	08/01/2017	09.07	08/01/2017	17.58	PO	Trap Air Removal.
220/33 Kv 50 Mva Cgl Ptr 2 @Boisar -li	IntraState	08/01/2017	12.24	08/01/2017	18.15	PO	Replacement Of 50MVA Bay 100MVA TF
132 KV LINE Outages/Trippings							
Daund-Alegaon	IntraState	07/01/2017	10.13	07/01/2017	19.03	PO	Construction Work.
Daund-Alegaon	IntraState	08/01/2017	08.00		Continued.	PO	Contruction Work.

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