

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Jan/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.147	1217.060	1) Gujrat	0.925	-6.422
2) Hydro	12.419	142.231	2) Madhya Pradesh	10.991	77.108
3) Gas	10.687	87.336	3) Chattisgarh	8.940	72.410
Total MSPGCL	159.253	1446.627	4) Maharashtra Net	123.705	1021.873
B) 1) APML	46.242	451.102	5) Goa (Amona)	-0.580	-6.328
2) JSWEL	9.730	82.759	Total	143.981	1158.641
3) VIPL	6.023	58.473	a) Mumbai Schedule	18.280	133.379
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.008	187.960
5) WPCL	4.229	34.313	c) MSEDCL Bilateral *	38.262	297.837
6) PGPL	0.000	12.044	Include PX	6.613	24.927
7) Other IPP	8.410	81.547	d) Mumbai Bilateral *	18.280	133.379
C) 1) TPCL Thermal	5.284	74.127	Include PX	5.760	37.247
2) TPCL Hydro	5.834	43.730	Include Standby	0.000	0.000
3) TPCL Gas	3.525	34.609	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.346	93.736	1) MSEDCL	359.277	3184.215
D) STATE			2) Mumbai Discoms	48.997	434.161
1) Thermal	226.411	2093.117	TOTAL STATE	408.274	3618.376
(A1+C1+C4+(B1-B6))					
2) Hydro	18.253	185.961			
(A2+C2)					
3) Gas	14.212	133.989			
(A3+B6+C3)					
4) Wind	4.314	35.888			
6) SOLAR	1.103	10.781			
TOTAL STATE	264.293	2459.736			

* 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 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	6436	6537	4555	4360
MSPGCL Hydro	1209	605	1129	101
MSPGCL Gas	467	428	448	452
MSPGCL Total Generation	8112	7570	6132	4913
Central Sector Receipt	7482	7385	6215	4746
WIND	48	82	333	332
CPP / IPP Thermal	3206	3216	3105	3101
CPP / IPP Gas	0	0	0	0
SOLAR	167	168	0	0
Exchange with Mumbai	-1254	-1147	-1300	-967
MSEDCL DEMAND MET	17761	17274	14485	12125
Load Shedding	0	0	0	0
MSEDCL DEMAND	17761	17274	14485	12125
TPCL GENERATION	824	873	702	349
R-INFRA GENERATION	503	507	385	385
MUMBAI DEMAND	2581	2527	2387	1701
STATE DEMAND MET	20342	19801	16872	13826
STATE DEMAND	20342	19801	16872	13826
Frequency (Hz)	49.98	49.94	50.00	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 17.08 Hrs	49.78 Hz at 21.09 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 09/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	12.89	106.25	649	472
Total	12.89	106.25		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	75.86	0	0
Unit 5	10.33	90.29	510	365
Total	10.33	166.14		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.19	45.20	246	176
Unit 7	5.08	46.44	245	187
Unit 8	0.00	0.00	0	0
Total	10.26	91.64		
Chandrapur				
Unit 3	4.36	39.64	199	169
Unit 4	4.39	38.67	195	169
Unit 5	9.51	87.15	440	354
Unit 6	7.41	83.88	410	0
Unit 7	9.28	82.58	426	353
Unit 8	10.04	92.16	500	360
Unit 9	9.65	54.52	461	339
Total	54.65	478.60		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.21	46.77	255	180
Total	5.21	46.77		
Khaparkheda				
Unit 1	4.15	37.42	195	155
Unit 2	4.12	36.82	190	160
Unit 3	4.35	34.12	204	165
Unit 4	2.90	36.61	191	0
Unit 5	10.13	92.32	500	370
Total	25.65	237.29		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.95	36.42	170	160
Unit 5	3.95	36.34	166	164
Total	7.90	72.76		
Uran				
All Units	10.69	87.34	474	406
Total	10.69	87.34		
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)	0.49	5.13	52	0
Total	0.49	5.13		
Koyna				
Stage 1-2	3.40	35.70	385	40
Stage 4	2.80	52.24	630	0
Stage 3	1.33	16.56	240	0
Total	7.53	104.49		
Hydro				
KDPH	0.00	1.35	0	0
VTRNA	0.45	3.98	59	0
TILLARI	0.50	1.85	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.34	2.58	80	0
RNGR+BHTSA	0.32	2.74	14	13
BHANDARDRA	0.46	1.85	20	19
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.64	5.41	36	23
GHATGHAR	2.18	17.97	250	0
Total	4.89	37.74		
Wind				
Total	4.31	35.89	0	0
Total	4.31	35.89		
CPP				
APML(Mus)	46.24	451.10	0	0
JSWEL(Mus)	9.73	82.76	0	0
VIPL(Mus)	6.02	58.47	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.23	34.31	0	0
Other(Mus)	8.41	81.55	0	0
Total	74.63	708.19		
SOLAR				
Total	1.10	10.78	0	0
Total	1.10	10.78		
Tata				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.13	21.35	116	76
Trombay 7B	1.39	13.26	67	54
Trombay 8	5.28	47.74	249	199
TATA Hydro	5.83	43.73	444	17
Total	14.64	152.47		
R-INFRA				
1-2	10.35	93.74	510	385
Total	10.35	93.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Koradi 10	9.24	17.59	MSPGCL Thermal	136.15	1217.06	MSPGCL Total	159.25	1446.63
			MSPGCL Thml+Gas	146.83	1304.40	Koyna 1,2 & 4 Total	6.20	87.93
			MSPGCL Hydro	12.42	142.23	State Total	264.29	2459.74

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/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	5379	97	406	5882	152	2954	0	0	4339	4350	-833	12505	0	12505	1549	14054	49.99
2	5330	326	438	6094	129	2949	0	0	4134	4116	-673	12615	0	12615	1393	14008	50.00
3	5429	292	450	6171	74	2951	0	0	4326	4098	-620	12674	0	12674	1337	14011	49.99
4	5411	102	455	5968	91	2964	0	0	4235	4322	-592	12753	0	12753	1312	14065	49.97
5	5440	162	439	6041	117	2976	0	0	4233	4563	-610	13087	0	13087	1326	14413	49.96
6	5532	306	452	6290	91	2972	0	0	5026	5171	-721	13803	0	13803	1441	15244	49.97
7	6185	712	450	7347	106	3025	0	0	6058	5858	-807	15529	0	15529	1729	17258	50.01
8	6263	1148	474	7885	92	3206	0	5	6605	6479	-592	17075	0	17075	1864	18939	49.93
9	6198	1288	460	7946	33	3183	0	50	7228	7283	-934	17561	0	17561	2195	19756	50.01
10	6295	1189	461	7945	28	3196	0	106	7323	7486	-1033	17728	0	17728	2366	20094	49.97
11	6308	1233	450	7991	27	3198	0	149	7378	7329	-1207	17487	0	17487	2576	20063	50.00
12	6436	1209	467	8112	48	3206	0	167	7530	7482	-1254	17761	0	17761	2581	20342	49.98
13	6537	605	428	7570	82	3216	0	168	7216	7385	-1147	17274	0	17274	2527	19801	49.94
14	6669	357	426	7452	170	3191	0	140	7138	7200	-1183	16970	0	16970	2405	19375	50.02
15	6688	351	438	7477	243	3206	0	125	7175	6907	-1105	16853	0	16853	2402	19255	49.96
16	6643	166	444	7253	301	3207	0	108	7365	7274	-1186	16957	0	16957	2390	19347	49.99
17	6286	151	431	6868	342	3221	0	71	6640	6960	-1222	16240	0	16240	2392	18632	49.96
18	5652	128	454	6234	295	3145	0	14	6391	6060	-1288	14460	0	14460	2360	16820	49.98
19	5033	585	432	6050	319	3112	0	0	6212	6217	-1302	14396	0	14396	2411	16807	49.98
20	4555	1129	448	6132	333	3105	0	0	6067	6215	-1300	14485	0	14485	2387	16872	50.00
21	4487	432	449	5368	341	3126	0	0	5866	5940	-1207	13568	0	13568	2312	15880	49.97
22	4522	214	441	5177	281	3123	0	0	5281	5399	-1053	12927	0	12927	2080	15007	49.97
23	4509	136	442	5087	287	3104	0	0	4895	5141	-1172	12447	0	12447	1961	14408	49.99
24	4360	101	452	4913	332	3101	0	0	4616	4746	-967	12125	0	12125	1701	13826	50.00
MUs	136.15	12.42	10.69	159.25	4.31	74.63	0.00	1.10	143.28	143.98	-24.01	359.28	0.00	359.28	49.00	408.27	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 09/Jan/2017

Position as on 6.30 Hrs of 10/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 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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 09/Jan/2017

Position as on 6.30 Hrs of 10/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	10/01/2017	04.35	Zero Schedule BY MSEDCL	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	
PGPL	PGPL U1	262	05/01/2017	19.15	10/01/2017	04.00	Withdrawal due to No Schedule.	
PGPL	PGPL U2	126	05/01/2017	19.16	10/01/2017	04.58	Withdrawal due to No Schedule.	
MSPGCL	Bhusawal Unit 4	500	08/01/2017	09.21		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	09/01/2017	16.10	09/01/2017	21.40	C T LEAKAGE PROBLEM.	
MSPGCL	Koradi Unit 10	660	09/01/2017	18.15		Continued.	BOILER FEED SECTION PRESSURE LOW.	
MSPGCL	Chandrapur Unit 6	500	09/01/2017	19.25		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	09/01/2017	21.56		Continued.	POSITIVE SIDE ROTER TRIPPED.	
CPP	WPCL U-3	135	10/01/2017	02.22		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 10/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	08/01/2017	16.36	09/01/2017	06.14	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	09/01/2017	18.03	10/01/2017	06.30	HT	Over Voltage
karad -kolhapur-II	IntraState	08/01/2017	16.08	09/01/2017	09.26	HT	Over Voltage
Karad-Jaigad - I	IntraState	08/01/2017	16.13		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	08/01/2017	18.12	09/01/2017	06.29	T	Over Voltage
Bhusawal-Aurangabad	IntraState	08/01/2017	19.21	09/01/2017	06.59	HT	Over Voltage
N.Koyna-Karad -Ckt II	IntraState	09/01/2017	10.18		Continued.	PO	Quarterly Maintainance Work
125 MVAR Bus Reactor @ Warora	IntraState	09/01/2017	16.27		Continued.	PO	Line Maintenance work
karad -kolhapur-I	IntraState	09/01/2017	17.03		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	09/01/2017	17.45		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	09/01/2017	17.56	10/01/2017	06.33	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							
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.
Peth- Mudshingi -I	IntraState	09/01/2017	10.13	09/01/2017	13.50	PO	Line Maintenance work
Kharepatan -Pawas Line	IntraState	09/01/2017	10.40	09/01/2017	19.30	PO	Line Maintenance work
Dasturi-Kandalgaon Line	IntraState	09/01/2017	12.18	09/01/2017	16.55	PO	Attending Hot Spot
Dahanu Versova	IntraState	09/01/2017	14.45	09/01/2017	15.12	T	TRIPPED ON DP
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.
132 KV LINE Outages/Trippings							
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