

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Jan/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	138.570	1080.913	1) Gujrat	0.073	-7.347
2) Hydro	14.436	129.812	2) Madhya Pradesh	10.716	66.117
3) Gas	10.755	76.649	3) Chattisgarh	8.950	63.470
Total MSPGCL	163.761	1287.374	4) Maharashtra Net	113.503	898.168
B) 1) APML	44.821	404.860	5) Goa (Amona)	-0.600	-5.748
2) JSWEL	9.575	73.029	Total	132.642	1014.660
3) VIPL	5.843	52.450	a) Mumbai Schedule	12.692	115.098
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	19.517	163.952
5) WPCL	3.832	30.084	c) MSEDCL Bilateral *	34.830	259.575
6) PGPL	0.000	12.044	Include PX	4.512	18.313
7) Other IPP	8.200	73.137	d) Mumbai Bilateral *	12.692	115.098
C) 1) TPCL Thermal	5.244	68.843	Include PX	2.976	31.488
2) TPCL Hydro	3.248	37.896	Include Standby	0.000	0.000
3) TPCL Gas	3.525	31.084	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.100	83.390	1) MSEDCL	353.408	2824.938
D) STATE			2) Mumbai Discoms	41.634	385.164
1) Thermal	226.185	1866.706	TOTAL STATE	395.042	3210.102
(A1+C1+C4+(B1-B6))					
2) Hydro	17.684	167.708			
(A2+C2)					
3) Gas	14.280	119.777			
(A3+B6+C3)					
4) Wind	3.055	31.574			
6) SOLAR	1.196	9.678			
TOTAL STATE	262.400	2195.443			

* 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 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	6070	6227	5410	5421
MSPGCL Hydro	1893	1603	1046	107
MSPGCL Gas	478	433	442	395
MSPGCL Total Generation	8441	8263	6898	5923
Central Sector Receipt	6888	6436	5464	4038
WIND	29	42	102	210
CPP / IPP Thermal	3024	3008	2939	2941
CPP / IPP Gas	0	0	0	0
SOLAR	152	175	0	0
Exchange with Mumbai	-761	-754	-1125	-998
MSEDCL DEMAND MET	17773	17170	14278	12114
Load Shedding	0	0	0	0
MSEDCL DEMAND	17773	17170	14278	12114
TPCL GENERATION	693	688	525	334
R-INFRA GENERATION	508	508	386	387
MUMBAI DEMAND	1962	1950	2036	1719
STATE DEMAND MET	19735	19120	16314	13833
STATE DEMAND	19735	19120	16314	13833
Frequency (Hz)	50.00	49.95	50.01	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.03 Hrs	49.81 Hz at 05.18 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 08/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	12.60	93.36	603	475
Total	12.60	93.36		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	3.49	75.86	480	0
Unit 5	9.97	79.96	510	350
Total	13.46	155.82		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.19	40.01	242	200
Unit 7	5.20	41.36	252	194
Unit 8	0.00	0.00	0	0
Total	10.39	81.38		
Chandrapur				
Unit 3	4.37	35.28	196	172
Unit 4	4.40	34.28	195	164
Unit 5	9.36	77.64	435	360
Unit 6	9.16	76.48	410	347
Unit 7	9.21	73.30	420	353
Unit 8	10.16	82.12	500	360
Unit 9	9.30	44.86	438	354
Total	55.96	423.95		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.25	41.56	250	188
Total	5.25	41.56		
Khaparkheda				
Unit 1	4.06	33.28	190	155
Unit 2	4.10	32.69	190	160
Unit 3	3.60	29.76	203	0
Unit 4	4.14	33.71	191	165
Unit 5	9.80	82.20	500	370
Total	25.71	211.64		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.96	32.47	177	160
Unit 5	3.94	32.39	165	160
Total	7.90	64.86		
Uran				
All Units	10.76	76.65	481	389
Total	10.76	76.65		
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)	0.38	4.64	49	0
Total	0.38	4.64		
Koyna				
Stage 1-2	4.01	32.30	505	40
Stage 4	4.50	49.43	764	0
Stage 3	1.49	15.24	160	0
Total	10.01	96.96		
Hydro				
KDPH	0.00	1.35	0	0
VTRNA	0.45	3.53	60	0
TILLARI	0.49	1.35	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	2.24	80	0
RNGR+BHTSA	0.30	2.42	13	12
BHANDARDRA	0.47	1.39	20	19
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.62	4.77	26	25
GHATGHAR	1.88	15.79	250	0
Total	4.43	32.85		
Wind				
Total	3.06	31.57	0	0
Total	3.06	31.57		
CPP				
APML(Mus)	44.82	404.86	0	0
JSWEL(Mus)	9.58	73.03	0	0
VIPL(Mus)	5.84	52.45	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.83	30.08	0	0
Other(Mus)	8.20	73.14	0	0
Total	72.27	633.56		
SOLAR				
Total	1.20	9.68	0	0
Total	1.20	9.68		
Tata				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.13	19.22	115	78
Trombay 7B	1.39	11.86	67	54
Trombay 8	5.24	42.46	250	199
TATA Hydro	3.25	37.90	290	6
Total	12.02	137.82		
R-INFRA				
1-2	10.10	83.39	509	385
Total	10.10	83.39		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Koradi 10	7.30	8.35	MSPGCL Thermal	138.57	1080.91	MSPGCL Total	163.76	1287.37
			MSPGCL Thml+Gas	149.32	1157.56	Koyna 1,2 & 4 Total	8.51	81.72
			MSPGCL Hydro	14.44	129.81	State Total	262.40	2195.44

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 08/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	5337	103	462	5902	119	2884	0	0	4330	4556	-901	12560	0	12560	1621	14181	49.98
2	5373	103	476	5952	88	2910	0	0	4347	4387	-741	12596	0	12596	1461	14057	49.97
3	5381	98	464	5943	103	2922	0	0	4387	4207	-674	12501	0	12501	1391	13892	49.98
4	5427	103	473	6003	131	2923	0	0	4369	4359	-621	12795	0	12795	1341	14136	49.99
5	5479	108	467	6054	150	2937	0	0	4871	4583	-627	13097	0	13097	1344	14441	49.97
6	5554	98	481	6133	162	2952	0	0	5137	5191	-702	13736	0	13736	1435	15171	49.94
7	5916	103	469	6488	150	3143	0	0	5919	5701	-728	14754	0	14754	1528	16282	50.05
8	6166	518	477	7161	181	3346	0	8	6537	6258	-658	16296	0	16296	1575	17871	49.96
9	6539	661	468	7668	65	3376	0	60	6617	6650	-711	17108	0	17108	1712	18820	49.98
10	6201	1645	468	8314	44	3208	0	120	6626	6602	-700	17588	0	17588	1867	19455	49.96
11	6070	1893	478	8441	29	3024	0	152	6715	6888	-761	17773	0	17773	1962	19735	50.00
12	6161	1858	448	8467	30	2996	0	174	6706	6779	-750	17696	0	17696	1975	19671	49.99
13	6227	1603	433	8263	42	3008	0	175	6610	6436	-754	17170	0	17170	1950	19120	49.95
14	6255	1357	437	8049	81	2987	0	184	6493	6434	-737	16998	0	16998	1881	18879	50.02
15	6282	743	435	7460	199	2990	0	148	6479	6441	-648	16590	0	16590	1793	18383	50.00
16	6315	498	429	7242	252	3016	0	109	6471	6699	-632	16686	0	16686	1738	18424	50.01
17	6104	368	439	6911	213	3029	0	54	6049	6192	-728	15671	0	15671	1730	17401	49.98
18	5421	220	433	6074	123	2956	0	12	6015	5660	-899	13926	0	13926	1778	15704	50.01
19	5320	567	451	6338	96	2945	0	0	5510	5372	-981	13770	0	13770	1947	15717	49.99
20	5410	1046	442	6898	102	2939	0	0	5332	5464	-1125	14278	0	14278	2036	16314	50.01
21	5365	309	428	6102	116	2962	0	0	5285	5054	-1144	13090	0	13090	2032	15122	49.96
22	5413	210	413	6036	157	2934	0	0	4981	4540	-1188	12479	0	12479	1982	14461	50.03
23	5433	117	389	5939	212	2943	0	0	4659	4151	-1109	12136	0	12136	1836	13972	50.00
24	5421	107	395	5923	210	2941	0	0	4297	4038	-998	12114	0	12114	1719	13833	50.04
MUs	138.57	14.44	10.76	163.76	3.05	72.27	0.00	1.20	134.74	132.64	-19.52	353.41	0.00	353.41	41.63	395.04	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 08/Jan/2017

Position as on 6.30 Hrs of 09/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 08/Jan/2017

Position as on 6.30 Hrs of 09/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	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature 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.	
MSPGCL	Khaparkheda Unit 3	210	07/01/2017	00.46	08/01/2017	02.23	Boiler Tube Leakage	
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 08/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 09/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	07/01/2017	18.05	08/01/2017	07.13	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	08/01/2017	16.36	09/01/2017	06.14	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	09/01/2017	06.29	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	09/01/2017	06.59	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.
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.
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.
220/33kV 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-Alegaoon	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