

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 22/Jan/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.447	2956.628	1) Gujrat	-1.437	-12.200
2) Hydro	16.849	361.984	2) Madhya Pradesh	9.466	215.837
3) Gas	7.069	203.299	3) Chattisgarh	8.100	181.920
Total MSPGCL	159.365	3521.911	4) Maharashtra Net	125.985	2604.462
B) 1) APML	43.465	1033.901	5) Goa (Amona)	-0.556	-14.034
2) JSWEL	9.678	203.567	Total	141.558	2975.985
3) VIPL	6.807	139.717	a) Mumbai Schedule	15.846	359.214
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.702	489.451
5) WPCL	2.321	81.837	c) MSEDCL Bilateral *	35.303	746.536
6) PGPL	0.000	24.068	Include PX	6.034	74.979
7) Other IPP	7.014	184.355	d) Mumbai Bilateral *	15.846	359.214
C) 1) TPCL Thermal	5.284	143.442	Include PX	5.816	104.512
2) TPCL Hydro	2.688	111.430	Include Standby	0.000	0.000
3) TPCL Gas	2.263	75.217	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.523	228.960	1) MSEDCL	354.772	7817.404
D) STATE			2) Mumbai Discoms	44.460	1048.505
1) Thermal	220.539	4972.407	TOTAL STATE	399.232	8865.909
(A1+C1+C4+(B1-B6))					
2) Hydro	19.537	473.414			
(A2+C2)					
3) Gas	9.332	302.584			
(A3+B6+C3)					
4) Wind	7.055	116.162			
6) SOLAR	1.211	25.352			
TOTAL STATE	257.674	5889.919			

* 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	6189	6249	6115	4748
MSPGCL Hydro	1928	1620	416	103
MSPGCL Gas	286	268	287	309
MSPGCL Total Generation	8403	8137	6818	5160
Central Sector Receipt	7021	6643	5877	4836
WIND	218	144	263	484
CPP / IPP Thermal	2893	2907	2889	2916
CPP / IPP Gas	0	0	0	0
SOLAR	182	175	0	0
Exchange with Mumbai	-947	-1020	-1179	-929
MSEDCL DEMAND MET	17770	16986	14668	12467
Load Shedding	14	239	0	0
MSEDCL DEMAND	17784	17225	14668	12467
TPCL GENERATION	577	519	440	295
R-INFRA GENERATION	508	509	385	386
MUMBAI DEMAND	2032	2048	2004	1610
STATE DEMAND MET	19802	19034	16672	14077
STATE DEMAND	19816	19273	16672	14077
Frequency (Hz)	49.98	49.98	49.95	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 00.00 Hrs	49.8 Hz at 21.05 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 22/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	0.21	43.45	139	0
Unit 8	0.00	0.00	0	0
Unit 9	13.66	255.12	638	475
Unit 10	5.54	86.72	450	0
Total	19.42	385.29		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.06	197.54	510	355
Unit 5	10.17	225.60	500	355
Total	20.23	423.14		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	99.94	0	0
Unit 7	5.39	114.31	252	187
Unit 8	0.00	0.00	0	0
Total	5.39	214.25		
Chandrapur				
Unit 3	4.45	97.68	198	164
Unit 4	4.50	96.84	200	168
Unit 5	9.73	215.72	445	360
Unit 6	0.00	175.46	0	0
Unit 7	9.33	153.82	423	353
Unit 8	10.50	178.62	500	360
Unit 9	10.67	165.51	500	362
Total	49.18	1083.65		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.33	116.05	250	190
Total	5.33	116.05		
Khaparkheda				
Unit 1	4.08	90.83	185	160
Unit 2	4.22	90.94	200	160
Unit 3	4.34	90.69	205	160
Unit 4	4.10	52.75	188	160
Unit 5	10.52	227.04	500	368
Total	27.26	552.25		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.34	91.73	205	162
Unit 5	4.30	90.26	198	165
Total	8.63	181.99		
Uran				
All Units	7.07	203.30	316	262
Total	7.07	203.30		
PGPL				
Unit 1	0.00	14.50	0	0
Unit 2	0.00	9.57	0	0
Total	0.00	24.07		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.31	9.73	50	0
Total	0.31	9.73		
Koyna				
Stage 1-2	3.66	85.96	545	40
Stage 4	5.68	125.71	760	0
Stage 3	2.06	42.94	240	0
Total	11.41	254.61		
Hydro				
KDPH	0.45	8.26	19	18
VTRNA	1.02	13.75	59	0
TILLARI	0.51	8.35	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	6.53	80	0
RNGR+BHTSA	0.33	6.74	14	13
BHANDARDRA	0.00	5.14	0	0
ELDARY	0.28	2.27	12	10
SMLHY_PTN	0.44	12.94	29	15
GHATGHAR	2.24	43.39	250	0
Total	5.44	107.37		
Wind				
Total	7.06	116.16	0	0
Total	7.06	116.16		
CPP				
APML(Mus)	43.46	1033.90	0	0
JSWEL(Mus)	9.68	203.57	0	0
VIPL(Mus)	6.81	139.72	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.32	81.84	0	0
Other(Mus)	7.01	184.36	0	0
Total	69.28	1643.38		
SOLAR				
Total	1.21	25.35	0	0
Total	1.21	25.35		
Tata				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.25	45.60	53	52
Trombay 7B	1.01	29.62	43	41
Trombay 8	5.28	117.06	250	201
TATA Hydro	2.69	111.43	234	17
Total	10.24	330.09		
R-INFRA				
1-2	10.52	228.96	510	385
Total	10.52	228.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.45	2956.63	MSPGCL Total	159.36	3521.91
			MSPGCL Thml+Gas	142.52	3159.93	Koyna 1,2 & 4 Total	9.35	211.68
			MSPGCL Hydro	16.85	361.98	State Total	257.67	5889.92

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	4887	137	295	5319	333	2919	0	0	5198	5219	-1057	12733	0	12733	1738	14471	50.00
2	4823	103	287	5213	364	2925	0	0	5080	5119	-975	12646	0	12646	1656	14302	50.00
3	4748	103	309	5160	484	2916	0	0	5133	4836	-929	12467	0	12467	1610	14077	50.02
4	4736	108	302	5146	510	2931	0	0	5083	4963	-901	12649	0	12649	1584	14233	49.99
5	4753	115	310	5178	471	2920	0	0	5082	4831	-910	12490	0	12490	1591	14081	49.99
6	5101	149	311	5561	433	2913	0	0	5290	5436	-916	13427	0	13427	1637	15064	50.00
7	5778	276	312	6366	465	2911	0	0	5861	5856	-945	14653	0	14653	1744	16397	50.00
8	5954	795	313	7062	495	2923	0	5	6356	6396	-786	16095	0	16095	1820	17915	49.93
9	5958	1591	316	7865	437	2908	0	53	6719	7079	-862	17480	0	17480	1876	19356	49.92
10	5957	1907	291	8155	288	2904	0	110	6453	6025	-901	16581	0	16581	1900	18481	49.98
11	5966	1876	298	8140	242	2898	0	138	6454	6456	-975	16899	0	16899	1987	18886	49.96
12	6189	1928	286	8403	218	2893	0	182	6777	7021	-947	17770	14	17784	2032	19816	49.98
13	6249	1620	268	8137	144	2907	0	175	6835	6643	-1020	16986	239	17225	2048	19273	49.98
14	6299	1304	279	7882	112	2873	0	175	6846	6702	-963	16781	58	16839	1959	18798	49.97
15	6330	1029	283	7642	77	2913	0	161	6816	6784	-934	16643	0	16643	1920	18563	49.98
16	6312	771	262	7345	77	2901	0	121	6804	6750	-850	16344	0	16344	1858	18202	49.97
17	6358	794	285	7437	69	2897	0	72	6089	6389	-864	16000	0	16000	1853	17853	49.97
18	6287	656	284	7227	130	2901	0	19	5919	6105	-964	15418	0	15418	1870	17288	50.00
19	6115	416	287	6818	263	2889	0	0	6084	5877	-1179	14668	0	14668	2004	16672	49.95
20	5868	250	291	6409	287	2859	0	0	6126	5866	-1261	14160	0	14160	2088	16248	49.97
21	5214	225	306	5745	306	2777	0	0	5843	5962	-1188	13602	0	13602	2033	15635	49.94
22	5186	167	294	5647	301	2822	0	0	5440	5341	-1147	12964	0	12964	1972	14936	49.97
23	5208	272	303	5783	279	2802	0	0	4952	4878	-1145	12597	0	12597	1893	14490	49.99
24	5171	257	297	5725	270	2787	0	0	5072	5024	-1083	12723	0	12723	1787	14510	50.05
MUs	135.45	16.85	7.07	159.37	7.05	69.29	0.00	1.21	142.31	141.56	-23.70	354.77	0.31	355.08	44.46	399.54	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 22/Jan/2017

Position as on 6.30 Hrs of 23/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 22/Jan/2017

Position as on 6.30 Hrs of 23/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.	withdraw on BTL ,converted to zero schedule w.e.f 16.12.2016 at 00:00 Hrs	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	
PGPL	PGPL U1	262	13/01/2017	19.15		Continued.	No schedule.	
PGPL	PGPL U2	126	13/01/2017	19.15		Continued.	No schedule.	
MSPGCL	Koradi Unit 10	660	15/01/2017	04.10	22/01/2017	05.09	Boiler Tube Leakage	
MSPGCL	Koyna STG- IV Unit - 1	250	19/01/2017	17.00		Continued.	GV Bolt Replacement.	
MSPGCL	Parli Unit 6	250	20/01/2017	05.30	23/01/2017	02.50	Drum level low	
CPP	WPCL U-4	135	21/01/2017	06.01	23/01/2017	06.07	Drag chain conveyer problem.	
MSPGCL	Uran Unit 7	108	21/01/2017	07.20		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	21/01/2017	07.22		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 6	500	21/01/2017	20.45		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 7	210	22/01/2017	01.47		Continued.	Water Valve leakage	
MSPGCL	Khaparkheda Unit 1	210	23/01/2017	08.13	23/01/2017	14.03	uat trip.	
MSPGCL	Paras Unit 4	250	23/01/2017	21.00		Continued.	ID Fan Problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 22/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 23/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	22/01/2017	18.05	23/01/2017	06.39	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	23/01/2017	17.21		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	21/01/2017	16.37	22/01/2017	10.05	HT	Over Voltage
Karad-Jaigad - I	IntraState	21/01/2017	16.42	22/01/2017	10.08	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	21/01/2017	19.58	22/01/2017	07.15	HT	Over Voltage
koaradi II - Wardha(PG)	IntraState	22/01/2017	09.45	22/01/2017	18.43	PO	Testing Work
karad -kolhapur-I	IntraState	22/01/2017	16.03	23/01/2017	08.15	HT	Over Voltage
Karad - Jaigad - II	IntraState	22/01/2017	16.04	23/01/2017	07.05	HT	Over Voltage
New Koyana - Koyana Stage IV-II	IntraState	22/01/2017	16.30	23/01/2017	09.39	T	Over Voltage
Bhusawal-Aurangabad	IntraState	22/01/2017	19.39	23/01/2017	06.37	HT	Over Voltage
karad -kolhapur-II	IntraState	23/01/2017	17.00		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	23/01/2017	17.02		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/01/2017	18.05		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 315 Mva Ict -2 @New Koyana	IntraState	23/01/2017	09.44		Continued.	PO	Line Maintenance 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.
Wani-Warora	IntraState	22/01/2017	10.03	22/01/2017	12.58	PO	Damaged Leg Of Tower.
Trombay Carnac 5	IntraState	22/01/2017	10.30	22/01/2017	14.30	PO	Annual Maintenance Work
Bhira Dharavi 8	IntraState	22/01/2017	22.25	23/01/2017	02.56	PO	Attending Hot Spot
Trombay Salsette 1 Backbay	IntraState	22/01/2017	23.25	23/01/2017	03.30	PO	Attending Hot Spot
Taloja II - OCIL-I	IntraState	23/01/2017	07.20		Continued.	PO	Testing Work
Kalwa - Mulund 2	IntraState	23/01/2017	12.30	23/01/2017	16.01	T	kite fault between loc 12-13.
Karad(400kv) - Ogalewadi Ckt 1	IntraState	23/01/2017	12.32	23/01/2017	13.21	T	Distance Protection
220kv Lonand- Phaltan line	IntraState	23/01/2017	12.33	23/01/2017	14.40	PO	Line Maintenance work
Kalwa - Mulund 1	IntraState	23/01/2017	12.53	23/01/2017	02.43	HT	jumper replacement work.
Trombay - Kalwa	IntraState	23/01/2017	13.10	23/01/2017	18.37	T	phase to phase faulty trip.
Karad(400kv) - Ogalewadi Ckt 2	IntraState	23/01/2017	13.39	23/01/2017	15.15	T	Distance Protection
Nagothane - Spcl	IntraState	23/01/2017	14.43	23/01/2017	17.45	PO	ct tan delta work.
Mahad - Pedambe	IntraState	23/01/2017	15.35	23/01/2017	17.35	PO	Testing Work
Karad(400kv) - Ogalewadi Ckt 2	IntraState	23/01/2017	18.54	23/01/2017	19.13	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	Augumentation Work(Outage for 3 Months).
220/132 Kv 100 Mva Gec Ict 1 @Pusad	IntraState	13/01/2017	15.23		Continued.	PO	Work of tap changer.
220/33kV 125 MVA Transformer 1 @Saki R/S	IntraState	22/01/2017	00.28	22/01/2017	04.05	PO	Testing Work
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	22/01/2017	09.50	22/01/2017	14.30	PO	Checking Gas Purity.

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 22/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 23/Jan/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
132 KV LINE Outages/Trippings							
Chitegaon - Paithan	IntraState	21/01/2017	00.00	22/01/2017	06.34	T	CKT Under Breakdown Y Phase Conductor Snapped AT Loc 99.