

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Jan/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.861	3100.489	1) Gujrat	-0.802	-13.002
2) Hydro	18.312	380.296	2) Madhya Pradesh	10.824	226.661
3) Gas	7.042	210.341	3) Chattisgarh	8.030	189.950
Total MSPGCL	169.215	3691.126	4) Maharashtra Net	127.546	2732.008
B) 1) APML	47.374	1081.275	5) Goa (Amona)	-0.606	-14.640
2) JSWEL	9.682	213.249	Total	144.992	3120.977
3) VIPL	6.325	146.042	a) Mumbai Schedule	20.678	379.892
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	27.929	517.380
5) WPCL	3.520	85.357	c) MSEDCL Bilateral *	36.095	782.631
6) PGPL	0.000	24.068	Include PX	5.692	80.671
7) Other IPP	7.783	192.138	d) Mumbai Bilateral *	20.678	379.892
C) 1) TPCL Thermal	5.282	148.724	Include PX	7.883	112.395
2) TPCL Hydro	6.123	117.553	Include Standby	0.000	0.000
3) TPCL Gas	2.204	77.421	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.652	239.612	1) MSEDCL	368.220	8185.624
D) STATE			2) Mumbai Discoms	52.190	1100.695
1) Thermal	234.479	5206.886	TOTAL STATE	420.410	9286.319
(A1+C1+C4+(B1-B6))					
2) Hydro	24.435	497.849			
(A2+C2)					
3) Gas	9.246	311.830			
(A3+B6+C3)					
4) Wind	6.065	122.227			
6) SOLAR	1.193	26.545			
TOTAL STATE	275.418	6165.337			

* 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 4 Hrs
MSPGCL Thermal	6462	6497	6645	5256
MSPGCL Hydro	1564	1634	476	89
MSPGCL Gas	285	277	279	299
MSPGCL Total Generation	8311	8408	7400	5644
Central Sector Receipt	7393	7277	5912	4558
WIND	214	138	207	368
CPP / IPP Thermal	3218	3212	3248	2842
CPP / IPP Gas	0	0	0	0
SOLAR	168	179	0	0
Exchange with Mumbai	-1431	-1389	-1405	-703
MSEDCL DEMAND MET	17873	17825	15362	12709
Load Shedding	0	0	0	0
MSEDCL DEMAND	17873	17825	15362	12709
TPCL GENERATION	799	799	733	295
R-INFRA GENERATION	496	507	411	386
MUMBAI DEMAND	2726	2695	2549	1384
STATE DEMAND MET	20599	20520	17911	14093
STATE DEMAND	20599	20520	17911	14093
Frequency (Hz)	49.98	49.97	49.90	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 17.02 Hrs	49.69 Hz at 18.19 Hrs	49.97	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 23/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	43.45	0	0
Unit 8	0.00	0.00	0	0
Unit 9	13.37	268.49	660	480
Unit 10	11.66	98.39	550	430
Total	25.04	410.33		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.64	208.19	510	365
Unit 5	10.66	236.26	510	370
Total	21.30	444.45		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	3.47	103.41	245	0
Unit 7	5.02	119.32	223	191
Unit 8	0.00	0.00	0	0
Total	8.49	222.73		
Chandrapur				
Unit 3	4.51	102.18	200	168
Unit 4	4.50	101.34	203	170
Unit 5	9.72	225.44	440	365
Unit 6	0.00	175.46	0	0
Unit 7	9.46	163.28	426	352
Unit 8	10.45	189.08	500	360
Unit 9	10.36	175.88	488	360
Total	49.00	1132.66		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	4.79	120.85	250	0
Total	4.79	120.85		
Khaparkheda				
Unit 1	2.90	93.74	190	0
Unit 2	4.30	95.24	200	160
Unit 3	4.39	95.08	202	160
Unit 4	4.24	56.99	190	158
Unit 5	10.72	237.76	505	375
Total	26.56	578.81		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.35	96.08	200	164
Unit 5	4.32	94.58	206	163
Total	8.68	190.66		
Uran				
All Units	7.04	210.34	311	266
Total	7.04	210.34		
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)	0.20	9.93	43	0
Total	0.20	9.93		
Koyna				
Stage 1-2	3.37	89.34	525	40
Stage 4	7.07	132.78	750	0
Stage 3	2.53	45.46	240	0
Total	12.97	267.58		
Hydro				
KDPH	0.68	8.95	38	18
VTRNA	0.95	14.70	59	0
TILLARI	0.51	8.85	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	6.79	71	0
RNGR+BHTSA	0.00	6.74	0	0
BHANDARDRA	0.00	5.14	0	0
ELDARY	0.28	2.55	12	11
SMLHY_PTN	0.33	13.28	14	13
GHATGHAR	2.33	45.71	250	0
Total	5.34	112.72		
Wind				
Total	6.06	122.23	0	0
Total	6.06	122.23		
CPP				
APML(Mus)	47.37	1081.28	0	0
JSWEL(Mus)	9.68	213.25	0	0
VIPL(Mus)	6.32	146.04	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.52	85.36	0	0
Other(Mus)	7.78	192.14	0	0
Total	74.68	1718.06		
SOLAR				
Total	1.19	26.54	0	0
Total	1.19	26.54		
Tata				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.22	46.82	53	49
Trombay 7B	0.99	30.60	43	40
Trombay 8	5.28	122.34	247	200
TATA Hydro	6.12	117.55	459	20
Total	13.61	343.70		
R-INFRA				
1-2	10.65	239.61	510	386
Total	10.65	239.61		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	143.86	3100.49	MSPGCL Total	169.22	3691.13
			MSPGCL Thml+Gas	150.90	3310.83	Koyna 1,2 & 4 Total	10.44	222.12
			MSPGCL Hydro	18.31	380.30	State Total	275.42	6165.34

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	5191	112	309	5612	288	2921	0	0	4941	4869	-915	12775	0	12775	1597	14372	49.99
2	5203	82	299	5584	276	2994	0	0	4981	4612	-813	12653	0	12653	1494	14147	49.98
3	5222	82	309	5613	315	2840	0	0	4832	4787	-748	12807	0	12807	1429	14236	49.99
4	5256	89	299	5644	368	2842	0	0	4841	4558	-703	12709	0	12709	1384	14093	49.97
5	5272	89	309	5670	388	2843	0	0	4929	4967	-719	13149	0	13149	1399	14548	49.99
6	5538	127	311	5976	559	2983	0	0	5294	5620	-784	14354	0	14354	1535	15889	50.02
7	6184	392	309	6885	532	3130	0	0	5867	5337	-872	15012	0	15012	1740	16752	49.97
8	6575	880	310	7765	510	3144	0	5	6399	6457	-869	17012	0	17012	1940	18952	49.97
9	6429	1509	310	8248	333	3146	0	55	6696	6797	-1084	17495	0	17495	2241	19736	50.03
10	6382	1527	296	8205	235	3169	0	110	6945	6459	-1316	16862	0	16862	2488	19350	50.03
11	6359	1390	287	8036	233	3189	0	147	7046	6818	-1448	16975	0	16975	2720	19695	49.99
12	6462	1564	285	8311	214	3218	0	168	7208	7393	-1431	17873	0	17873	2726	20599	49.98
13	6497	1634	277	8408	138	3212	0	179	7350	7277	-1389	17825	0	17825	2695	20520	49.97
14	6501	1417	269	8187	72	3237	0	176	7227	7179	-1338	17513	0	17513	2584	20097	49.93
15	6542	1372	279	8193	56	3244	0	151	7104	7231	-1330	17545	0	17545	2612	20157	49.86
16	6538	1554	266	8358	48	3223	0	116	7030	7110	-1347	17508	0	17508	2637	20145	49.94
17	6571	1577	281	8429	39	3237	0	69	6445	6373	-1314	16833	0	16833	2610	19443	49.91
18	6754	833	285	7872	114	3220	0	17	6190	6424	-1301	16346	0	16346	2578	18924	49.98
19	6645	476	279	7400	207	3248	0	0	6268	5912	-1405	15362	0	15362	2549	17911	49.90
20	6436	575	290	7301	241	3214	0	0	6318	5741	-1470	15027	0	15027	2561	17588	50.01
21	5594	428	288	6310	243	3148	0	0	6101	6138	-1547	14292	0	14292	2504	16796	49.97
22	5259	276	291	5826	232	3140	0	0	5776	5752	-1309	13641	0	13641	2219	15860	49.96
23	5231	161	310	5702	222	3086	0	0	5703	5560	-1303	13267	0	13267	2077	15344	49.97
24	5220	166	294	5680	202	3056	0	0	5480	5621	-1174	13385	0	13385	1871	15256	49.97
MUs	143.86	18.31	7.04	169.21	6.07	74.68	0.00	1.19	146.97	144.99	-27.93	368.22	0.00	368.22	52.19	420.41	49.97

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 23/Jan/2017

Position as on 6.30 Hrs of 24/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 23/Jan/2017

Position as on 6.30 Hrs of 24/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	Koyana 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	24/01/2017	03.04	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	
MSPGCL	Koradi Unit 9	660	24/01/2017	03.11	24/01/2017	05.55	Flame Failure	
MSPGCL	Chandrapur Unit 6	500	24/01/2017	06.29		Continued.	air flow porblem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 24/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-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 Koyna - Koyna 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 Koyna	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.
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	24/01/2017	02.25	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	Augmentation 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.

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