

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Jan/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	132.405	2414.699	1) Gujrat	-0.700	-8.619
2) Hydro	14.315	295.261	2) Madhya Pradesh	12.331	175.577
3) Gas	7.122	175.735	3) Chattisgarh	9.040	149.330
Total MSPGCL	153.842	2885.695	4) Maharashtra Net	132.307	2102.699
B) 1) APML	43.305	860.005	5) Goa (Amona)	-0.626	-11.774
2) JSWEL	8.426	165.551	Total	152.352	2407.213
3) VIPL	6.354	113.773	a) Mumbai Schedule	19.705	284.895
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.966	389.308
5) WPCL	4.083	69.789	c) MSEDCL Bilateral *	37.066	608.384
6) PGPL	0.000	24.068	Include PX	7.446	56.336
7) Other IPP	7.570	154.586	d) Mumbai Bilateral *	19.705	284.895
C) 1) TPCL Thermal	5.408	121.999	Include PX	6.895	78.468
2) TPCL Hydro	5.136	91.378	Include Standby	0.000	0.000
3) TPCL Gas	2.241	66.244	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.717	186.591	1) MSEDCL	358.652	6390.298
D) STATE			2) Mumbai Discoms	48.468	855.522
1) Thermal	218.268	4086.993	TOTAL STATE	407.120	7245.820
(A1+C1+C4+(B1-B6))					
2) Hydro	19.451	386.639			
(A2+C2)					
3) Gas	9.363	266.047			
(A3+B6+C3)					
4) Wind	6.654	78.225			
6) SOLAR	1.032	20.701			
TOTAL STATE	254.768	4838.605			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5987	6028	6064	4766
MSPGCL Hydro	1514	597	574	115
MSPGCL Gas	330	274	290	301
MSPGCL Total Generation	7831	6899	6928	5182
Central Sector Receipt	7100	7924	6423	5063
WIND	380	242	315	125
CPP / IPP Thermal	2929	2850	2946	2906
CPP / IPP Gas	0	0	0	0
SOLAR	37	159	0	0
Exchange with Mumbai	-958	-1174	-1335	-630
MSEDCL DEMAND MET	17319	16900	15277	12646
Load Shedding	12	0	0	0
MSEDCL DEMAND	17331	16900	15277	12646
TPCL GENERATION	621	774	694	294
R-INFRA GENERATION	509	506	394	386
MUMBAI DEMAND	2088	2454	2423	1310
STATE DEMAND MET	19407	19354	17700	13956
STATE DEMAND	19419	19354	17700	13956
Frequency (Hz)	49.96	49.97	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 21.55 Hrs	49.77 Hz at 16.15 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 18/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	3.62	32.68	165	105
Unit 8	0.00	0.00	0	0
Unit 9	13.41	216.02	660	400
Total	17.03	248.69		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.72	155.79	510	360
Unit 5	10.75	183.76	510	350
Total	21.47	339.54		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.48	93.50	250	195
Unit 7	5.27	94.14	252	141
Unit 8	0.00	0.00	0	0
Total	10.76	187.64		
Chandrapur				
Unit 3	4.50	79.81	200	173
Unit 4	4.46	78.92	196	173
Unit 5	9.77	175.75	440	365
Unit 6	9.64	147.80	440	349
Unit 7	6.85	116.62	371	70
Unit 8	0.00	148.99	0	0
Unit 9	10.33	124.40	500	325
Total	45.55	872.30		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.48	94.51	250	190
Total	5.48	94.51		
Khaparkheda				
Unit 1	4.14	74.33	185	155
Unit 2	4.24	74.22	190	150
Unit 3	4.37	73.18	200	161
Unit 4	0.00	36.61	0	0
Unit 5	10.68	185.03	500	380
Total	23.44	443.36		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.35	74.44	201	162
Unit 5	4.33	73.03	198	163
Total	8.68	147.47		
Uran				
All Units	7.12	175.74	339	272
Total	7.12	175.74		
PGPL				
Unit 1	0.00	14.50	0	0
Unit 2	0.00	9.57	0	0
Total	0.00	24.07		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.16	8.78	40	0
Total	0.16	8.78		
Koyna				
Stage 1-2	4.07	69.86	570	40
Stage 4	3.61	104.78	760	0
Stage 3	1.18	34.98	240	0
Total	8.86	209.62		
Hydro				
KDPH	0.89	6.28	37	37
VTRNA	1.10	9.61	58	0
TILLARI	0.50	6.35	64	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.35	5.42	80	0
RNGR+BHTSA	0.35	5.79	15	14
BHANDARDRA	0.00	5.14	0	0
ELDARY	0.00	1.15	0	0
SMLHY_PTN	0.64	10.87	34	24
GHATGHAR	1.64	35.02	250	0
Total	5.46	85.64		
Wind				
Total	6.65	78.22	0	0
Total	6.65	78.22		
CPP				
APML(Mus)	43.30	860.00	0	0
JSWEL(Mus)	8.43	165.55	0	0
VIPL(Mus)	6.35	113.77	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.08	69.79	0	0
Other(Mus)	7.57	154.59	0	0
Total	69.74	1363.70		
SOLAR				
Total	1.03	20.70	0	0
Total	1.03	20.70		
Tata				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.25	40.62	55	51
Trombay 7B	0.99	25.62	42	40
Trombay 8	5.41	95.62	249	200
TATA Hydro	5.14	91.38	434	12
Total	12.78	279.62		
R-INFRA				
1-2	10.72	186.59	509	385
Total	10.72	186.59		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Koradi 10	0.00	81.18

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	132.40	2414.70
MSPGCL Thml+Gas	139.53	2590.43
MSPGCL Hydro	14.32	295.26

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	153.84	2885.70
Koyna 1,2 & 4 Total	7.68	174.64
State Total	254.77	4838.60

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	4628	177	294	5099	146	2893	0	0	5508	5521	-850	12809	0	12809	1532	14341	49.95
2	4696	172	307	5175	134	2903	0	0	5619	5270	-686	12796	0	12796	1368	14164	49.99
3	4766	115	301	5182	125	2906	0	0	5491	5063	-630	12646	0	12646	1310	13956	49.99
4	4813	115	302	5230	144	2917	0	0	5381	5092	-609	12774	0	12774	1286	14060	49.96
5	4753	120	314	5187	153	2915	0	0	5582	5681	-621	13315	0	13315	1303	14618	49.97
6	5020	315	303	5638	236	2927	0	0	5705	5785	-713	13873	0	13873	1417	15290	49.96
7	5736	666	328	6730	450	3001	0	0	6284	6174	-815	15540	0	15540	1707	17247	49.95
8	5951	1327	339	7617	511	2983	0	3	6781	6461	-835	16740	12	16752	1883	18635	49.91
9	5987	1514	330	7831	380	2929	0	37	6992	7100	-958	17319	12	17331	2088	19419	49.96
10	5962	1289	302	7553	421	2898	0	86	7170	7027	-1211	16774	9	16783	2378	19161	49.98
11	5974	705	279	6958	419	2880	0	124	7279	7320	-1212	16489	0	16489	2458	18947	50.01
12	5934	744	291	6969	352	2844	0	149	7608	7670	-1263	16721	0	16721	2504	19225	50.01
13	6028	597	274	6899	242	2850	0	159	7578	7924	-1174	16900	0	16900	2454	19354	49.97
14	5998	474	293	6765	131	2846	0	153	7491	7535	-1108	16322	0	16322	2362	18684	50.01
15	6070	829	278	7177	92	2870	0	149	7196	7389	-1093	16584	0	16584	2373	18957	49.96
16	6156	991	284	7431	68	2888	0	103	7123	7368	-1115	16743	0	16743	2382	19125	49.95
17	6072	1258	272	7602	96	2901	0	57	6405	6450	-1134	15972	0	15972	2387	18359	49.93
18	6083	1011	285	7379	210	2941	0	12	6491	6648	-1159	16031	0	16031	2387	18418	49.93
19	6064	574	290	6928	315	2946	0	0	6498	6423	-1335	15277	0	15277	2423	17700	49.97
20	5837	430	291	6558	299	2958	0	0	6497	6254	-1386	14683	0	14683	2413	17096	50.04
21	5173	260	292	5725	379	2938	0	0	6324	6229	-1505	13766	0	13766	2320	16086	49.99
22	4925	259	284	5468	435	2869	0	0	5528	5809	-1338	13243	0	13243	2116	15359	50.04
23	4899	194	303	5396	478	2869	0	0	5288	5126	-1179	12690	0	12690	1896	14586	50.01
24	4880	179	286	5345	438	2866	0	0	5162	5031	-1037	12643	0	12643	1721	14364	50.03
MUs	132.40	14.31	7.12	153.84	6.65	69.74	0.00	1.03	152.98	152.35	-24.97	358.65	0.03	358.68	48.47	407.15	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 18/Jan/2017

Position as on 6.30 Hrs of 19/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 18/Jan/2017

Position as on 6.30 Hrs of 19/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.	
MSPGCL	Khaparkheda Unit 4	210	09/01/2017	21.56	19/01/2017	01.54	POSITIVE SIDE ROTER TRIPPED.	
MSPGCL	Chandrapur Unit 7	500	12/01/2017	22.10	18/01/2017	00.12	Boiler validity work	
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		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	16/01/2017	0730	18/01/2017	06.15	Gas shortage	
MSPGCL	Chandrapur Unit-8	500	16/01/2017	09.00		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 6	108	18/01/2017	09.55		Continued.	Gas shortage	
MSPGCL	Parli Unit 7	250	18/01/2017	23.40	19/01/2017	04.09	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 19/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							
Karad Solapur (PG)	InterState	17/01/2017	09.12	18/01/2017	11.27	PO	Maintenance work(RFC 17.52Hrs)
Dhule Sar'Sarovar II	InterState	17/01/2017	19.19	18/01/2017	06.51	HT	Over Voltage
Waluj Aurangabad(PG) II	InterState	18/01/2017	11.40	18/01/2017	12.38	T	DT Received @ A'bad End.
Dhule Sar'Sarovar I	InterState	18/01/2017	17.26	19/01/2017	06.22	HT	Over Voltage
karad -kolhapur-I	IntraState	17/01/2017	16.39		Continued.	HT	Opportunity Outage availed on 18.01.2017 at 10.34Hrs for Cold Washing of Insulator String.RFC @ 16.30 Hrs
Karad - Jaigad - II	IntraState	17/01/2017	19.44	18/01/2017	08.50	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	17/01/2017	20.16		Continued.	HT	Over Voltage
Main Bus-I @ Koradi-II	IntraState	18/01/2017	08.58		Continued.	PO	For Dropper Connection from Bus -I TO Dia2
Padghe - Nagothane - II	IntraState	18/01/2017	10.14	18/01/2017	17.05	PO	Testing Work
Kalwa - Kharghar	IntraState	18/01/2017	14.30	18/01/2017	15.18	PO	Shifted on TBC AR Kharghar End.
TBC @ Babhaleshwar	IntraState	18/01/2017	16:50		Continued.	PO	Repairing,Retrofitting & Alignment Work of 400KV PG Isolator.
Bhusawal-Aurangabad	IntraState	18/01/2017	19.38	19/01/2017	06.42	HT	Over Voltage
Karad - Jaigad - II	IntraState	18/01/2017	21.36		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	18/01/2017	22.03	19/01/2017	06.35	HT	Over Voltage
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.
220KV Sawangi- Bhokardan	IntraState	17/01/2017	13.20		Continued.	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.
220/100 Kv 200 MVA ICT IV @Apta	IntraState	18/01/2017	11.31	18/01/2017	15.53	PO	Testing Work
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	18/01/2017	11.39	18/01/2017	21.20	PO	Y Ph HV Bushing Replacement.

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