

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Jan/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	136.158	2550.857	1) Gujrat	1.078	-7.541
2) Hydro	10.944	306.205	2) Madhya Pradesh	10.826	186.403
3) Gas	6.969	182.704	3) Chattisgarh	8.300	157.630
Total MSPGCL	154.071	3039.766	4) Maharashtra Net	126.615	2229.314
B) 1) APML	43.395	903.400	5) Goa (Amona)	-0.584	-12.358
2) JSWEL	9.487	175.038	Total	146.235	2553.448
3) VIPL	6.207	119.980	a) Mumbai Schedule	19.332	304.226
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.643	414.951
5) WPCL	3.848	73.637	c) MSEDCL Bilateral *	37.289	645.674
6) PGPL	0.000	24.068	Include PX	6.467	62.803
7) Other IPP	7.489	162.075	d) Mumbai Bilateral *	19.332	304.226
C) 1) TPCL Thermal	5.411	127.410	Include PX	6.557	85.026
2) TPCL Hydro	5.864	97.242	Include Standby	0.000	0.000
3) TPCL Gas	2.248	68.492	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.704	197.295	1) MSEDCL	359.068	6749.366
D) STATE			2) Mumbai Discoms	49.872	905.394
1) Thermal	222.699	4309.692	TOTAL STATE	408.940	7654.760
(A1+C1+C4+(B1-B6))					
2) Hydro	16.808	403.447			
(A2+C2)					
3) Gas	9.217	275.264			
(A3+B6+C3)					
4) Wind	12.839	91.064			
6) SOLAR	1.140	21.841			
TOTAL STATE	262.703	5101.308			

* 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	6230	6267	5847	4749
MSPGCL Hydro	883	697	542	117
MSPGCL Gas	275	280	272	294
MSPGCL Total Generation	7388	7244	6661	5160
Central Sector Receipt	7595	7455	6455	4520
WIND	348	490	464	708
CPP / IPP Thermal	2948	2982	2973	2887
CPP / IPP Gas	0	0	0	0
SOLAR	160	182	0	0
Exchange with Mumbai	-1301	-1281	-1349	-659
MSEDCL DEMAND MET	17138	17072	15204	12616
Load Shedding	0	0	0	0
MSEDCL DEMAND	17138	17072	15204	12616
TPCL GENERATION	777	763	731	296
R-INFRA GENERATION	507	509	421	386
MUMBAI DEMAND	2585	2553	2501	1341
STATE DEMAND MET	19723	19625	17705	13957
STATE DEMAND	19723	19625	17705	13957
Frequency (Hz)	50.00	49.99	49.93	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.32 Hz at 21.59 Hrs	49.83 Hz at 14.16 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 19/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	3.38	36.06	165	88
Unit 8	0.00	0.00	0	0
Unit 9	12.52	228.54	653	335
Total	15.90	264.60		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.65	166.44	510	360
Unit 5	10.57	194.32	510	355
Total	21.22	360.76		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.35	98.86	250	199
Unit 7	4.25	98.39	248	0
Unit 8	0.00	0.00	0	0
Total	9.60	197.25		
Chandrapur				
Unit 3	4.44	84.26	200	167
Unit 4	4.46	83.39	198	170
Unit 5	10.05	185.79	460	358
Unit 6	9.91	157.71	455	353
Unit 7	9.24	125.87	411	315
Unit 8	0.94	149.94	280	0
Unit 9	10.30	134.70	500	355
Total	49.35	921.64		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.40	99.90	251	190
Total	5.40	99.90		
Khaparkheda				
Unit 1	4.10	78.42	185	150
Unit 2	3.96	78.18	185	145
Unit 3	4.40	77.58	204	165
Unit 4	3.54	40.15	190	0
Unit 5	10.11	195.14	480	375
Total	26.11	469.48		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.28	78.72	202	161
Unit 5	4.29	77.32	198	163
Total	8.57	156.04		
Uran				
All Units	6.97	182.70	305	269
Total	6.97	182.70		
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)	0.24	9.02	52	0
Total	0.24	9.02		
Koyna				
Stage 1-2	3.54	73.40	475	40
Stage 4	0.99	105.77	250	0
Stage 3	1.00	35.98	160	0
Total	5.53	215.16		
Hydro				
KDPH	0.64	6.93	37	10
VTRNA	1.06	10.67	59	0
TILLARI	0.49	6.84	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	5.74	80	0
RNGR+BHTSA	0.00	5.79	0	0
BHANDARDRA	0.00	5.14	0	0
ELDARY	0.28	1.43	12	11
SMLHY_PTN	0.62	11.49	35	23
GHATGHAR	1.98	37.00	250	0
Total	5.41	91.05		
Wind				
Total	12.84	91.06	0	0
Total	12.84	91.06		
CPP				
APML(Mus)	43.40	903.40	0	0
JSWEL(Mus)	9.49	175.04	0	0
VIPL(Mus)	6.21	119.98	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	3.85	73.64	0	0
Other(Mus)	7.49	162.08	0	0
Total	70.43	1434.13		
SOLAR				
Total	1.14	21.84	0	0
Total	1.14	21.84		
Tata				
Trombay 5	0.00	26.38	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.25	41.87	53	51
Trombay 7B	1.00	26.62	43	41
Trombay 8	5.41	101.03	250	201
TATA Hydro	5.86	97.24	434	24
Total	13.52	293.14		
R-INFRA				
1-2	10.70	197.30	510	385
Total	10.70	197.30		

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

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	136.16	2550.86
MSPGCL Thml+Gas	143.13	2733.56
MSPGCL Hydro	10.94	306.20

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	154.07	3039.77
Koyna 1,2 & 4 Total	4.53	179.17
State Total	262.70	5101.31

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/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	4706	142	305	5153	507	2885	0	0	5152	4946	-874	12617	0	12617	1555	14172	50.01
2	4711	123	288	5122	537	2891	0	0	4988	4737	-722	12565	0	12565	1406	13971	49.99
3	4749	117	294	5160	708	2887	0	0	4633	4520	-659	12616	0	12616	1341	13957	50.00
4	4818	113	296	5227	862	2901	0	0	4461	4356	-626	12720	0	12720	1307	14027	49.97
5	4920	118	299	5337	773	2893	0	0	4870	4720	-644	13079	0	13079	1327	14406	49.96
6	5003	135	299	5437	736	2905	0	0	5408	5540	-786	13832	0	13832	1468	15300	49.96
7	5809	303	297	6409	700	2967	0	0	6155	6149	-842	15383	0	15383	1742	17125	49.94
8	6274	641	300	7215	719	3006	0	4	6565	6541	-760	16725	0	16725	1897	18622	49.93
9	6224	1158	287	7669	519	2957	0	44	6694	6967	-971	17185	0	17185	2236	19421	49.98
10	6305	793	295	7393	491	2965	0	92	6873	6894	-1111	16724	0	16724	2395	19119	49.99
11	6169	593	299	7061	360	2950	0	143	7011	7262	-1294	16482	0	16482	2579	19061	49.99
12	6230	883	275	7388	348	2948	0	160	7370	7595	-1301	17138	0	17138	2585	19723	50.00
13	6267	697	280	7244	490	2982	0	182	7341	7455	-1281	17072	0	17072	2553	19625	49.99
14	6275	428	269	6972	482	2966	0	173	7233	7290	-1180	16703	0	16703	2429	19132	50.00
15	6211	556	292	7059	401	2992	0	150	6931	7133	-1169	16566	0	16566	2454	19020	49.90
16	6198	1019	284	7501	364	2960	0	115	6913	7037	-1177	16800	0	16800	2463	19263	49.97
17	6192	1063	284	7539	326	2969	0	62	6472	6868	-1175	16589	0	16589	2461	19050	49.97
18	6228	477	278	6983	359	2976	0	15	6304	6566	-1162	15737	0	15737	2448	18185	50.02
19	5847	542	272	6661	464	2973	0	0	6389	6455	-1349	15204	0	15204	2501	17705	49.93
20	5665	354	290	6309	513	2922	0	0	6418	6359	-1397	14706	0	14706	2479	17185	50.00
21	5403	227	290	5920	581	2890	0	0	6216	5887	-1459	13819	0	13819	2330	16149	49.97
22	5310	153	302	5765	589	2878	0	0	5786	5633	-1343	13522	0	13522	2165	15687	50.01
23	5315	161	291	5767	517	2872	0	0	5206	4765	-1261	12660	0	12660	1967	14627	50.01
24	5329	148	303	5780	493	2889	0	0	4579	4560	-1100	12622	0	12622	1782	14404	50.00
MUs	136.16	10.94	6.97	154.07	12.84	70.43	0.00	1.14	145.97	146.23	-25.64	359.07	0.00	359.07	49.87	408.94	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 19/Jan/2017

Position as on 6.30 Hrs of 20/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 19/Jan/2017

Position as on 6.30 Hrs of 20/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.	
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	Chandrapur Unit-8	500	16/01/2017	09.00	19/01/2017	17.53	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	
MSPGCL	Koyna Unit 4	75	19/01/2017	14.25	19/01/2017	15.30	Oil Leakage.	
MSPGCL	Koyna STG- IV Unit - 1	250	19/01/2017	17.00		Continued.	GV Bolt Replacement.	
MSPGCL	Koradi Unit 9	660	20/01/2017	01.08	20/01/2017	04.59	Condenser Level High.	
MSPGCL	Koradi Unit 9	660	20/01/2017	05.09		Continued.	Boiler Feed Pump.	
MSPGCL	Parli Unit 6	250	20/01/2017	05.30		Continued.	Drum level low	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Jan/2017

Statement-VII

Position as on 6.30 Hrs of 20/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	18/01/2017	17.26	19/01/2017	06.22	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	19/01/2017	18.07	20/01/2017	05.49	HT	Over Voltage
karad -kolhapur-I	IntraState	17/01/2017	16.39		Continued.	HT	Opportunity Outage availed on 19.01.2017 at 09.45Hrs for Cold Washing of Insulator(RFC @ 19.15 Hrs).
Main Bus-I @ Koradi-II	IntraState	18/01/2017	08.58	19/01/2017	20.52	PO	For Dropper Connection from Bus -I TO Dia2
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	19/01/2017	09.24	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	18/01/2017	22.03	19/01/2017	06.35	HT	Over Voltage
Karad - Jaigad - II	IntraState	19/01/2017	16.44		Continued.	PO	Over Voltage
Bhusawal-Aurangabad	IntraState	19/01/2017	18.12		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT II @Babhleshwar	IntraState	19/01/2017	09.21		Continued.	PO	Oil Filtration & R.M.Work.
400/220KV 500MVA ICT-I @Nanded	IntraState	19/01/2017	11.44	19/01/2017	17.19	PO	For Attending PRV Leakage Problem.
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
Boisar-Viraj	IntraState	19/01/2017	06.29	19/01/2017	13.40	PO	Construction Work.
Nanded-Parbhani	IntraState	19/01/2017	10.41	19/01/2017	14.05	PO	Attending Hot Spot on R Ph Isolator Clamp & R.M.Work.
TALEGAON - TALEGAON ambi (PG) -I	IntraState	19/01/2017	10.59	19/01/2017	19.55	PO	For CT Repcemen.
Balapur-Akola I	IntraState	19/01/2017	11.10	19/01/2017	16.26	PO	Routine Maintenance Work
Koradi II - Kawlewada	IntraState	19/01/2017	11.42	19/01/2017	13.36	PO	Carrying Out Signature Test.
Paras-Chikhali Ckt No-Ii	IntraState	19/01/2017	12.32	19/01/2017	17.26	PO	Measurment of Breaker Timings Carrying out Signature Test.
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.
220/132 kv 200MVA ICT II @ Girwali	IntraState	19/01/2017	09.41	19/01/2017	12.17	PO	Oil Top up in OLTC Tank & Bay Maint. Work.
132 KV LINE Outages/Trippings							
Kopergaon - Vaijapur	IntraState	19/01/2017	18.15	19/01/2017	18.46	T	Distance Protection

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