

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.620	2224.496	1) Gujrat	3.009	-2.451
2) Hydro	10.188	172.234	2) Madhya Pradesh	16.182	191.154
3) Gas	10.375	189.940	3) Chattisgarh	7.110	138.350
Total MSPGCL	140.183	2586.670	4) Maharashtra Net	121.993	2259.176
B) 1) APML	35.532	997.096	5) Goa (Amona)	-0.748	-15.004
2) JSWEL	21.635	430.757	Total	147.546	2571.225
3) VIPL	13.343	241.878	a) Mumbai Schedule	19.219	376.116
4) RPL(AMT)	11.730	262.561	b) Mumbai Drawl	20.868	464.820
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	52.015	745.157
6) PGPL	0.000	0.000	Include PX	12.205	91.283
7) Other IPP	14.807	186.533	d) Mumbai Bilateral *	19.219	376.116
C) 1) TPCL Thermal	9.992	269.922	Include PX	0.754	35.791
2) TPCL Hydro	1.027	62.859	Include Standby	0.000	0.000
3) TPCL Gas	4.372	79.619	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.704	197.539	1) MSEDCL	370.855	7015.795
D) STATE			2) Mumbai Discoms	46.962	1074.763
1) Thermal	237.363	4810.782	TOTAL STATE	417.817	8090.558
(A1+C1+C4+(B1-B6))					
2) Hydro	11.215	235.093			
(A2+C2)					
3) Gas	14.747	269.559			
(A3+B6+C3)					
4) Wind	4.661	142.338			
6) SOLAR	2.286	61.557			
TOTAL STATE	270.272	5519.329			

* 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 24 Hrs
MSPGCL Thermal	5050	5080	5072	4771
MSPGCL Hydro	1028	1017	711	85
MSPGCL Gas	422	416	421	429
MSPGCL Total Generation	6500	6513	6204	5285
Central Sector Receipt	7702	7565	5763	4788
WIND	163	138	56	50
CPP / IPP Thermal	4223	4281	4348	3494
CPP / IPP Gas	0	0	0	0
SOLAR	364	360	0	0
Exchange with Mumbai	-890	-904	-938	-1085
MSEDCL DEMAND MET	18063	17953	15433	12533
Load Shedding	0	0	0	0
MSEDCL DEMAND	18063	17953	15433	12533
TPCL GENERATION	742	743	779	498
R-INFRA GENERATION	503	504	503	376
MUMBAI DEMAND	2135	2151	2220	1959
STATE DEMAND MET	20198	20104	17653	14492
STATE DEMAND	20198	20104	17653	14492
Frequency (Hz)	49.95	49.93	50.00	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 06.02 Hrs	49.76 Hz at 17.42 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 19/Nov/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	0.01	0	0
Unit 8	0.00	46.46	0	0
Unit 9	10.20	131.97	500	393
Unit 10	10.12	217.93	480	350
Total	20.32	396.37		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.52	162.26	365	350
Unit 5	8.59	163.77	365	350
Total	17.12	326.04		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.74	25.32	220	190
Unit 7	5.25	31.14	245	191
Unit 8	4.08	77.48	177	164
Total	14.07	133.94		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	3.20	0	0
Unit 6	9.29	172.64	400	353
Unit 7	0.00	163.35	0	0
Unit 8	10.81	162.92	460	422
Unit 9	10.66	154.27	464	416
Total	30.76	656.37		
Paras				
Unit 3	5.33	98.49	238	190
Unit 4	5.70	100.27	254	190
Total	11.03	198.77		
Khaparkheda				
Unit 1	0.00	64.88	0	0
Unit 2	3.71	71.32	155	150
Unit 3	0.00	0.00	0	0
Unit 4	3.72	71.19	160	150
Unit 5	10.49	152.92	455	360
Total	17.91	360.30		
Nasik				
Unit 3	4.24	10.16	195	160
Unit 4	4.17	79.66	192	162
Unit 5	0.00	62.90	0	0
Total	8.41	152.72		
Uran				
All Units	10.38	189.94	450	409
Total	10.38	189.94		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.02	2.80	17	0
Total	0.02	2.80		
Koyna				
Stage 1-2	3.94	65.30	455	40
Stage 4	3.33	44.60	400	0
Stage 3	1.40	24.10	160	0
Total	8.67	134.00		
Hydro				
KDPH	0.00	5.28	0	0
VTRNA	0.00	0.28	0	0
TILLARI	0.37	5.27	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.15	3.96	80	0
RNGR+BHTSA	0.38	7.23	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.62	8.28	26	25
GHATGHAR	0.00	7.94	0	0
Total	1.52	38.24		
Wind				
Total	4.66	142.34	0	0
Total	4.66	142.34		
CPP				
APML(Mus)	35.53	997.10	0	0
JSWEL(Mus)	21.64	430.76	0	0
VIPL(Mus)	13.34	241.88	0	0
RPLAMT(Mus)	11.73	262.56	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	14.81	186.53	0	0
Total	97.05	2118.82		
SOLAR				
Total	2.29	61.56	0	0
Total	2.29	61.56		
Tata				
Trombay 5	9.99	176.47	489	307
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	50.10	115	115
Trombay 7B	1.61	29.52	68	66
Trombay 8	0.00	93.45	0	0
TATA Hydro	1.03	62.86	160	0
Total	15.39	412.40		
R-INFRA				
DTPS U-1&2	10.70	197.54	504	374
Total	10.70	197.54		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	119.62	2224.50	MSPGCL Total	140.18	2586.67
			MSPGCL Thml+Gas	130.00	2414.44	Koyna 1,2 & 4 Total	7.27	109.90
			MSPGCL Hydro	10.19	172.23	State Total	270.27	5519.33

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/Nov/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	4722	82	435	5239	425	3603	0	0	4757	4573	-980	12860	0	12860	1851	14711	49.98
2	4767	92	446	5305	394	3725	0	0	4936	4771	-859	13336	0	13336	1726	15062	49.94
3	4832	82	447	5361	314	3756	0	0	5230	5352	-784	13999	0	13999	1650	15649	49.94
4	4819	97	446	5362	351	3775	0	0	5294	5479	-706	14261	0	14261	1571	15832	49.99
5	4955	137	437	5529	362	3771	0	0	5552	5749	-699	14712	0	14712	1563	16275	49.94
6	5024	147	437	5608	367	4119	0	0	6323	6042	-667	15469	0	15469	1631	17100	50.01
7	4973	157	437	5567	397	4134	0	4	7039	6864	-739	16227	0	16227	1681	17908	49.99
8	5043	357	448	5848	361	4307	0	44	6729	6749	-661	16649	0	16649	1786	18435	49.92
9	5025	807	450	6282	318	4310	0	132	5952	6230	-666	16606	0	16606	1885	18491	49.91
10	5000	761	441	6202	252	4084	0	281	6042	6428	-769	16479	0	16479	1995	18474	49.92
11	5060	756	438	6254	204	4223	0	358	6828	6942	-865	17116	0	17116	2109	19225	49.98
12	5050	1028	422	6500	163	4223	0	364	7640	7702	-890	18063	0	18063	2135	20198	49.95
13	5080	1017	416	6513	138	4281	0	360	7484	7565	-904	17953	0	17953	2151	20104	49.93
14	5059	855	416	6330	73	4313	0	307	7389	7518	-854	17687	0	17687	2097	19784	49.97
15	5106	555	415	6076	65	4302	0	245	7393	7524	-831	17381	0	17381	2077	19458	50.01
16	5118	523	409	6050	57	4326	0	144	7390	7393	-800	17170	0	17170	2039	19209	49.96
17	5097	556	414	6067	52	4347	0	41	7056	7137	-794	16850	0	16850	2023	18873	49.98
18	5075	554	433	6062	39	4330	0	6	6316	6219	-825	15831	0	15831	2060	17891	49.94
19	5072	711	421	6204	56	4348	0	0	5449	5763	-938	15433	0	15433	2220	17653	50.00
20	5037	154	428	5619	53	4186	0	0	5444	5694	-950	14602	0	14602	2224	16826	49.97
21	4905	313	440	5658	49	3676	0	0	5319	5415	-1189	13609	0	13609	2235	15844	49.95
22	5014	281	441	5736	62	3682	0	0	5061	4944	-1195	13229	0	13229	2186	15415	50.02
23	5016	81	429	5526	59	3730	0	0	4866	4704	-1218	12802	0	12802	2109	14911	49.99
24	4771	85	429	5285	50	3494	0	0	4747	4788	-1085	12533	0	12533	1959	14492	50.00
MUs	119.62	10.19	10.37	140.18	4.66	97.05	0.00	2.29	146.24	147.55	-20.87	370.85	0.00	370.85	46.96	417.82	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 19/Nov/2017

Position as on 6.30 Hrs of 20/Nov/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.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Chandrapur Unit 5	500	01/11/2017	09.20		Continued.	Annual Overhaul	
TPC_G	Trombay 8	250	18/11/2017	19.40		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	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
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.	De-commissioned on dt. 01.04.2017	
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.	De-commissioned on dt.02.03.2017	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
CPP	SWPGL U-3	135	26/08/2017	17.40	20/11/2017	01.52	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-3	270	17/09/2017	00.02		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	25/10/2017	00.45		Continued.	Boiler tube leakage. Continued due to shortage of water from dt.01/11/17 0:00 hrs	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
MSPGCL	Chandrapur Unit 4	210	29/10/2017	04.45		Continued.	Auxiliary supply failure. Continued due to water shortage from dt. 01/11/17 0:00 hrs.	
MSPGCL	Nasik Unit 3	210	30/10/2017	23.35		Continued.	GOVERNING SYSTEM PROBLEM.(Coal Shortage since 07.11.2017)	
MSPGCL	Bhusawal Unit 3	210	31/10/2017	22.37		Continued.	Coal Shortage	
CPP	SWPGL U-4	135	01/11/2017	00.02		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 7	210	01/11/2017	00.05		Continued.	Poor Coal Receipt.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 19/Nov/2017

Position as on 6.30 Hrs of 20/Nov/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit-8	660	07/11/2017	00.06		Continued.	poor coal receipt.	
IPP	RPL(AMT) U-2	270	10/11/2017	00.00		Continued.	Coal Shortage	
IPP	Adani U-1	660	10/11/2017	02.29	20/11/2017	06.08	Coal Shortage	
MSPGCL	Ghatghar Unit-1	125	13/11/2017	19.45		Continued.	COMPRESSER PROBLEM.	
MSPGCL	Nasik Unit 5	210	16/11/2017	04.45		Continued.	Flame Failure	
IPP	Adani U-3	660	17/11/2017	20.59		Continued.	Tripped on APS Bellow Leakage	
MSPGCL	Chandrapur Unit 7	500	18/11/2017	00.43	20/11/2017	03.07	pressure parts leakage.	
MSPGCL	Khaparkheda Unit 1	210	18/11/2017	19.19		Continued.	Coal Shortage	
IPP	Adani U-5	660	19/11/2017	20.40		Continued.	Due to heavy leakage in seal air duct.	

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

Statement-VII

Position as on 6.30 Hrs of 20/Nov/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	03/05/2017	11:49		Continued.	PO	Line converted as 220 kV Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar II	InterState	16/11/2017	17.26	19/11/2017	06.57	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	19/11/2017	18.03	20/11/2017	06.30	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	17/11/2017	21.55		Continued.	HT	Over Voltage
Main Bus - II @ Kalwa	IntraState	18/11/2017	10.34	19/11/2017	12.03	PO	Bus isolator maintenance work.
Karad - Jaigad - II	IntraState	18/11/2017	17.44		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	18/11/2017	19.25	19/11/2017	06.57	HT	Over Voltage
karad -kolhapur-I	IntraState	18/11/2017	20.07		Continued.	HT	Over Voltage
Padghe - Kalwa-II	IntraState	19/11/2017	13.32	19/11/2017	22.15	PO	Emergency outage for insulator string replacement work.
Khadka-Aurangabad (Waluj)	IntraState	19/11/2017	18.03	20/11/2017	06.22	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	20/11/2017	00.04	20/11/2017	06.08	HT	Over Voltage
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	NO SCHEDULE.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper 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 jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection RY phase fault.
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Tambati - Adlabs	IntraState	18/11/2017	21.34	19/11/2017	02.50	PO	Testing Work
Padegaon-Sawangi	IntraState	19/11/2017	13.32	19/11/2017	15.25	PO	REPL of jumper due to hot spot.
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)
220/33kV 100 MVA Transformer 3 @Versova R/S	IntraState	16/11/2017	09:09		Continued.	PO	REFURBISHMENT OF TF UNDER SIS DPR SCHEME

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