

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	116.974	2104.876	1) Gujrat	1.599	-5.460
2) Hydro	7.656	162.046	2) Madhya Pradesh	14.914	174.972
3) Gas	9.560	179.565	3) Chattisgarh	7.150	131.240
Total MSPGCL	134.190	2446.487	4) Maharashtra Net	129.281	2137.183
B) 1) APML	39.179	961.564	5) Goa (Amona)	-0.858	-14.256
2) JSWEL	23.465	409.122	Total	152.086	2423.679
3) VIPL	13.042	228.535	a) Mumbai Schedule	18.743	356.897
4) RPL(AMT)	11.730	250.831	b) Mumbai Drawl	21.817	443.952
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	51.720	693.142
6) PGPL	0.000	0.000	Include PX	10.479	79.077
7) Other IPP	14.495	171.726	d) Mumbai Bilateral *	18.743	356.897
C) 1) TPCL Thermal	13.660	259.930	Include PX	-0.045	35.037
2) TPCL Hydro	3.114	61.832	Include Standby	0.000	0.000
3) TPCL Gas	4.371	75.247	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.525	186.835	1) MSEDCL	374.357	6644.940
D) STATE			2) Mumbai Discoms	53.485	1027.801
1) Thermal	243.070	4573.419	TOTAL STATE	427.842	7672.741
(A1+C1+C4+(B1-B6))					
2) Hydro	10.770	223.878			
(A2+C2)					
3) Gas	13.931	254.812			
(A3+B6+C3)					
4) Wind	5.102	137.677			
6) SOLAR	2.885	59.271			
TOTAL STATE	275.758	5249.057			

* 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 1 Hrs
MSPGCL Thermal	5047	5068	5295	4461
MSPGCL Hydro	516	581	649	83
MSPGCL Gas	269	277	437	440
MSPGCL Total Generation	5832	5926	6381	4984
Central Sector Receipt	8166	7732	6010	4541
WIND	147	131	94	276
CPP / IPP Thermal	4648	4661	4454	3618
CPP / IPP Gas	0	0	0	0
SOLAR	453	433	1	0
Exchange with Mumbai	-1113	-1065	-994	-706
MSEDCL DEMAND MET	18133	17818	15946	12713
Load Shedding	14	0	0	0
MSEDCL DEMAND	18147	17818	15946	12713
TPCL GENERATION	1144	1138	1127	692
R-INFRA GENERATION	502	503	503	376
MUMBAI DEMAND	2759	2706	2624	1774
STATE DEMAND MET	20892	20524	18570	14487
STATE DEMAND	20906	20524	18570	14487
Frequency (Hz)	49.91	49.96	49.99	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06.01 Hrs	49.77 Hz at 09.13 Hrs	49.96	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/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	3.40	121.76	422	0
Unit 10	10.08	207.81	510	330
Total	13.48	376.04		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.94	153.74	480	345
Unit 5	10.02	155.18	480	355
Total	19.96	308.92		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.12	20.58	229	196
Unit 7	5.01	25.89	223	187
Unit 8	4.00	73.40	172	162
Total	14.13	119.87		
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	9.19	163.36	400	342
Unit 7	0.15	163.35	154	0
Unit 8	10.51	152.11	460	341
Unit 9	10.38	143.61	456	350
Total	30.23	625.62		
Paras				
Unit 3	5.14	93.16	237	182
Unit 4	5.50	94.57	254	190
Total	10.63	187.74		
Khaparkheda				
Unit 1	2.69	64.88	150	0
Unit 2	3.58	67.62	150	140
Unit 3	0.00	0.00	0	0
Unit 4	3.67	67.47	170	148
Unit 5	10.07	142.43	455	360
Total	20.01	342.39		
Nasik				
Unit 3	4.21	5.92	195	155
Unit 4	4.32	75.49	197	161
Unit 5	0.00	62.90	0	0
Total	8.53	144.31		
Uran				
All Units	9.56	179.56	446	269
Total	9.56	179.56		
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)	0.00	2.79	0	0
Total	0.00	2.79		
Koyna				
Stage 1-2	2.97	61.36	320	40
Stage 4	2.31	41.27	527	0
Stage 3	0.77	22.70	160	0
Total	6.06	125.33		
Hydro				
KDPH	0.00	5.28	0	0
VTRNA	0.00	0.28	0	0
TILLARI	0.36	4.90	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.21	3.81	80	0
RNGR+BHTSA	0.37	6.85	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.65	7.67	28	27
GHATGHAR	0.00	7.94	0	0
Total	1.60	36.72		
Wind				
Total	5.10	137.68	0	0
Total	5.10	137.68		
CPP				
APML(Mus)	39.18	961.56	0	0
JSWEL(Mus)	23.46	409.12	0	0
VIPL(Mus)	13.04	228.54	0	0
RPLAMT(Mus)	11.73	250.83	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	14.50	171.73	0	0
Total	101.91	2021.78		
SOLAR				
Total	2.88	59.27	0	0
Total	2.88	59.27		
Tata				
Trombay 5	9.32	166.48	486	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	47.34	119	113
Trombay 7B	1.61	27.91	69	66
Trombay 8	4.34	93.45	243	136
TATA Hydro	3.11	61.83	291	13
Total	21.14	397.01		
R-INFRA				
DTPS U-1&2	10.52	186.84	503	375
Total	10.52	186.84		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	116.97	2104.88	MSPGCL Total	134.19	2446.49
			MSPGCL Thml+Gas	126.53	2284.44	Koyna 1,2 & 4 Total	5.28	102.63
			MSPGCL Hydro	7.66	162.05	State Total	275.76	5249.06

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	4461	83	440	4984	276	3618	0	0	4702	4541	-706	12713	0	12713	1774	14487	49.94
2	4371	83	431	4885	291	3697	0	0	5016	5313	-603	13583	0	13583	1678	15261	49.98
3	4516	83	444	5043	257	3835	0	0	5277	5273	-574	13834	0	13834	1652	15486	49.99
4	4557	93	433	5083	225	3827	0	0	5351	5407	-540	14002	0	14002	1618	15620	49.99
5	4593	83	442	5118	279	3894	0	0	5677	5927	-551	14667	0	14667	1625	16292	49.98
6	4833	88	443	5364	302	4333	0	0	5953	6264	-608	15654	0	15654	1683	17337	49.99
7	4848	138	446	5432	345	4635	0	5	6428	6442	-586	16273	0	16273	1842	18115	49.95
8	4868	123	435	5426	349	4674	0	62	6725	6928	-628	16811	0	16811	2040	18851	49.95
9	4906	181	443	5530	258	4626	0	197	6638	6729	-759	16581	0	16581	2129	18710	49.93
10	5014	429	338	5781	221	4491	0	336	6490	6707	-1090	16446	0	16446	2375	18821	49.90
11	5039	452	284	5775	193	4680	0	410	6961	7399	-1116	17341	0	17341	2623	19964	49.99
12	5047	516	269	5832	147	4648	0	453	7876	8166	-1113	18133	14	18147	2759	20906	49.91
13	5068	581	277	5926	131	4661	0	433	7829	7732	-1065	17818	0	17818	2706	20524	49.96
14	5110	483	288	5881	83	4625	0	372	7601	7839	-1048	17753	12	17765	2606	20371	49.98
15	5156	567	306	6029	86	4582	0	315	7689	7514	-1002	17525	12	17537	2618	20155	49.91
16	5183	627	384	6194	84	4579	0	210	7603	7473	-920	17620	12	17632	2599	20231	49.95
17	5178	760	422	6360	91	4415	0	86	7196	7193	-899	17246	12	17258	2573	19831	49.98
18	5199	959	423	6581	64	4427	0	5	6107	6043	-899	16221	12	16233	2565	18798	49.93
19	5295	649	437	6381	94	4454	0	1	5664	6010	-994	15946	0	15946	2624	18570	49.99
20	5183	237	430	5850	167	4430	0	0	5654	5705	-1086	15066	0	15066	2516	17582	49.98
21	4933	149	429	5511	218	4026	0	0	5368	5632	-1365	14023	0	14023	2424	16447	49.98
22	4659	117	442	5218	253	3697	0	0	5324	5586	-1309	13446	0	13446	2317	15763	50.00
23	4489	92	441	5022	340	3552	0	0	5286	5309	-1234	12989	0	12989	2129	15118	49.92
24	4468	83	433	4984	348	3501	0	0	4921	4957	-1122	12668	0	12668	2012	14680	49.95
MUs	116.97	7.66	9.56	134.19	5.10	101.91	0.00	2.88	149.34	152.09	-21.82	374.36	0.07	374.43	53.49	427.92	49.96

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/Nov/2017

Position as on 6.30 Hrs of 19/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	
MSPGCL	Uran Unit 6	108	18/11/2017	09.37	18/11/2017	13.29	Filter replacement work.	
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 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.	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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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		Continued.	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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 18/Nov/2017

Position as on 6.30 Hrs of 19/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 7	210	01/11/2017	00.05		Continued.	Poor Coal Receipt.	
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		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 9	660	13/11/2017	14.44	18/11/2017	11.36	electrohydraulic oil pressure low.	
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		Continued.	pressure parts leakage.	
CPP	IEPL Unit 1	270	18/11/2017	16:00	18/11/2017	18:17	ID Fan Problem	
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 18/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 19/Nov/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 1	IntraState	17/11/2017	22.08	18/11/2017	07.31	T	blocked Over Voltage.
Chandrapur - Padghe Hvdc Pole 2	IntraState	17/11/2017	22.09	18/11/2017	07.31	T	blocked Over Voltage.
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		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	17/11/2017	17.53	18/11/2017	11.09	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	17/11/2017	18.03	18/11/2017	10.10	HT	Over Voltage
karad -kolhapur-II	IntraState	17/11/2017	18.23	18/11/2017	11.10	HT	Over Voltage
Main Bus I @ Kalwa	IntraState	17/11/2017	21.16	18/11/2017	06.22	EO	Emergency outage
Ektuni-Bableswhar ckt I	IntraState	17/11/2017	21.55		Continued.	HT	Over Voltage
Padghe - Kalwa-II	IntraState	17/11/2017	21.59	18/11/2017	23.15	EO	Attending Hot Spot
Lonikand I - Koyna stage-IV	IntraState	18/11/2017	0.29	18/11/2017	06.06	HT	Over Voltage
New Koyna - Dabhol-I	IntraState	18/11/2017	10.14	18/11/2017	22.49	PO	Testing Work RFC 19.35 HRS.
Main Bus - II @ Kalwa	IntraState	18/11/2017	10.34	19/11/2017	12.03	PO	Bus isolator maintenance work.
Babhaleshwar - Padghe-I	IntraState	18/11/2017	11.36	18/11/2017	19.00	PO	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
Lonikand I - Koyna stage-IV	IntraState	18/11/2017	21.27	18/11/2017	05.31	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		Continued.	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)
Dondaicha- Shahada	IntraState	17/11/2017	17.07	18/11/2017	01.29	T	Distance Protection operated zone1.
Balapur-Akola I	IntraState	18/11/2017	06.10	18/11/2017	13.20	T	Distance Protection operated zone 1.
Kharghar Trombay	IntraState	18/11/2017	07.33	18/11/2017	18.12	PO	Testing Work
220KV Chalisagaon-Kopergaon	IntraState	18/11/2017	10.24	18/11/2017	17.29	PO	Routine Maintenance Work
220KV Chalisagaon-Kopergaon	IntraState	18/11/2017	10.27	18/11/2017	17.39	PO	Outage at kopargaon end.
Dhule-Amalner (220kv)	IntraState	18/11/2017	11.10	18/11/2017	14.12	PO	C.T jumper hot spot attending work.
Flagship-Chinchwad	IntraState	18/11/2017	11.35	18/11/2017	18.54	PO	Routine Maintenance Work

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 18/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 19/Nov/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nanded-Parbhani	IntraState	18/11/2017	12.26	18/11/2017	16.50	T	CKT handtripped in view of outage of 220kv partly extrn-parly GCR ckt.
Padegaon-Sawangi	IntraState	18/11/2017	17.36	18/11/2017	19.20	PO	R-PH c.t hot spot attending work.
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
100 KV LINE Outages/Trippings							
Kalwa-Kalyan	IntraState	17/11/2017	17.08	18/11/2017	00.19	T	Tripped On D P, B PH LA Burst At Kalwa

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