

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Nov/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.960	2347.456	1) Gujrat	1.806	-0.645
2) Hydro	7.292	179.526	2) Madhya Pradesh	17.431	208.585
3) Gas	10.466	200.406	3) Chattisgarh	7.690	146.040
Total MSPGCL	140.718	2727.388	4) Maharashtra Net	123.230	2382.406
B) 1) APML	37.115	1034.211	5) Goa (Amona)	-0.704	-15.708
2) JSWEL	24.803	455.560	Total	149.453	2720.678
3) VIPL	12.980	254.858	a) Mumbai Schedule	20.948	397.063
4) RPL(AMT)	11.755	274.316	b) Mumbai Drawl	26.650	491.470
5) WPCL	1.609	1.609	c) MSEDCL Bilateral *	51.131	796.288
6) PGPL	0.000	0.000	Include PX	13.906	105.188
7) Other IPP	14.594	201.127	d) Mumbai Bilateral *	20.948	397.063
C) 1) TPCL Thermal	9.640	279.562	Include PX	3.398	39.189
2) TPCL Hydro	5.457	68.316	Include Standby	0.000	0.000
3) TPCL Gas	4.373	83.992	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.553	208.092	1) MSEDCL	372.917	7388.712
D) STATE			2) Mumbai Discoms	56.673	1131.436
1) Thermal	246.009	5056.791	TOTAL STATE	429.590	8520.148
(A1+C1+C4+(B1-B6))					
2) Hydro	12.749	247.842			
(A2+C2)					
3) Gas	14.839	284.398			
(A3+B6+C3)					
4) Wind	4.409	146.747			
6) SOLAR	2.131	63.688			
TOTAL STATE	280.137	5799.466			

* 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 15 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	5270	5283	5270	4543
MSPGCL Hydro	437	557	836	82
MSPGCL Gas	444	420	437	442
MSPGCL Total Generation	6151	6260	6543	5067
Central Sector Receipt	7430	7651	5861	5335
WIND	226	110	275	77
CPP / IPP Thermal	4807	4847	4850	3303
CPP / IPP Gas	0	0	0	0
SOLAR	378	210	0	0
Exchange with Mumbai	-1262	-1175	-1231	-970
MSEDCL DEMAND MET	17730	17903	16298	12812
Load Shedding	0	0	0	0
MSEDCL DEMAND	17730	17903	16298	12812
TPCL GENERATION	1096	1114	1119	497
R-INFRA GENERATION	502	504	501	376
MUMBAI DEMAND	2860	2793	2851	1843
STATE DEMAND MET	20590	20696	19149	14655
STATE DEMAND	20590	20696	19149	14655
Frequency (Hz)	49.96	49.92	49.98	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.01 Hz at 06.02 Hrs	49.79 Hz at 06.39 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 20/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	11.66	143.63	551	410
Unit 10	11.30	229.22	510	420
Total	22.96	419.32		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.50	170.76	360	350
Unit 5	8.56	172.34	370	350
Total	17.06	343.10		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.74	30.06	226	184
Unit 7	4.37	35.52	238	0
Unit 8	4.09	81.56	175	164
Total	13.20	147.14		
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	9.22	181.86	400	340
Unit 7	6.25	169.60	355	0
Unit 8	10.48	173.40	460	350
Unit 9	10.54	164.81	459	355
Total	36.50	692.87		
Paras				
Unit 3	5.29	103.78	247	184
Unit 4	5.36	105.63	252	174
Total	10.64	209.41		
Khaparkheda				
Unit 1	0.00	64.88	0	0
Unit 2	1.92	73.24	180	0
Unit 3	0.00	0.00	0	0
Unit 4	3.67	74.86	155	150
Unit 5	9.06	161.98	450	348
Total	14.65	374.96		
Nasik				
Unit 3	3.94	14.10	185	156
Unit 4	4.00	83.66	193	157
Unit 5	0.00	62.90	0	0
Total	7.94	160.66		
Uran				
All Units	10.47	200.41	457	418
Total	10.47	200.41		
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	2.82	12	0
Total	0.02	2.82		
Koyna				
Stage 1-2	3.06	68.36	415	40
Stage 4	1.36	45.96	298	0
Stage 3	1.06	25.16	160	0
Total	5.48	139.48		
Hydro				
KDPH	0.22	5.49	17	0
VTRNA	0.00	0.28	0	0
TILLARI	0.32	5.59	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	4.21	77	0
RNGR+BHTSA	0.38	7.62	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.64	8.92	27	26
GHATGHAR	0.00	7.94	0	0
Total	1.81	40.04		
Wind				
Total	4.41	146.75	0	0
Total	4.41	146.75		
CPP				
APML(Mus)	37.12	1034.21	0	0
JSWEL(Mus)	24.80	455.56	0	0
VIPL(Mus)	12.98	254.86	0	0
RPLAMT(Mus)	11.76	274.32	0	0
WPCL(Mus)	1.61	1.61	0	0
Other(Mus)	14.59	201.13	0	0
Total	102.86	2221.68		
SOLAR				
Total	2.13	63.69	0	0
Total	2.13	63.69		
Tata				
Trombay 5	9.64	186.11	490	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	52.86	116	114
Trombay 7B	1.61	31.14	68	66
Trombay 8	0.00	93.45	0	0
TATA Hydro	5.46	68.32	459	0
Total	19.47	431.87		
R-INFRA				
DTPS U-1&2	10.55	208.09	504	375
Total	10.55	208.09		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.96	2347.46	MSPGCL Total	140.72	2727.39
			MSPGCL Thml+Gas	133.43	2547.86	Koyna 1,2 & 4 Total	4.43	114.33
			MSPGCL Hydro	7.29	179.53	State Total	280.14	5799.47

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/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	4543	82	442	5067	77	3303	0	0	5124	5335	-970	12812	0	12812	1843	14655	49.99
2	4648	82	434	5164	103	3358	0	0	5092	5426	-846	13205	0	13205	1719	14924	50.01
3	4886	92	443	5421	121	3462	0	0	5288	5312	-769	13547	0	13547	1643	15190	50.01
4	5108	92	443	5643	127	3543	0	0	5632	5220	-717	13816	0	13816	1590	15406	50.01
5	5235	87	446	5768	173	3570	0	0	5471	5500	-723	14288	0	14288	1598	15886	49.99
6	5296	197	440	5933	181	3866	0	0	5696	5793	-751	15022	0	15022	1721	16743	49.96
7	5402	257	434	6093	244	4168	0	2	6404	6066	-746	15827	0	15827	1940	17767	49.92
8	5413	217	445	6075	207	4477	0	38	6641	6644	-842	16599	0	16599	2087	18686	49.92
9	5369	131	457	5957	234	4710	0	140	6477	6598	-1072	16567	0	16567	2339	18906	49.95
10	5298	225	436	5959	334	4690	0	224	6086	6264	-1332	16139	0	16139	2636	18775	49.90
11	5230	278	447	5955	293	4807	0	283	6668	6914	-1359	16893	0	16893	2836	19729	49.94
12	5270	437	444	6151	226	4807	0	378	7460	7430	-1262	17730	0	17730	2860	20590	49.96
13	5227	368	429	6024	187	4842	0	386	7476	7539	-1211	17767	0	17767	2825	20592	49.97
14	5254	150	436	5840	142	4727	0	299	7503	7697	-1144	17561	0	17561	2746	20307	49.98
15	5283	557	420	6260	110	4847	0	210	7362	7651	-1175	17903	0	17903	2793	20696	49.92
16	5223	729	419	6371	125	4853	0	118	7387	7402	-1187	17682	0	17682	2821	20503	49.95
17	5265	710	418	6393	110	4873	0	49	7049	7280	-1183	17522	0	17522	2809	20331	49.92
18	5257	637	423	6317	143	4858	0	4	6131	6166	-1179	16309	0	16309	2786	19095	49.94
19	5270	836	437	6543	275	4850	0	0	5414	5861	-1231	16298	0	16298	2851	19149	49.98
20	5242	270	438	5950	278	4649	0	0	5382	5616	-1365	15128	0	15128	2739	17867	49.97
21	5100	277	430	5807	181	4129	0	0	5320	5626	-1433	14310	0	14310	2588	16898	49.96
22	4864	299	427	5590	177	3896	0	0	5304	5581	-1448	13796	0	13796	2432	16228	50.05
23	4699	184	438	5321	195	3836	0	0	5342	5430	-1435	13347	0	13347	2308	15655	49.99
24	4578	98	440	5116	166	3733	0	0	4899	5102	-1270	12847	0	12847	2163	15010	49.93
MUs	122.96	7.29	10.47	140.72	4.41	102.86	0.00	2.13	146.61	149.45	-26.65	372.92	0.00	372.92	56.67	429.59	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 20/Nov/2017

Position as on 6.30 Hrs of 21/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	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.	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 20/Nov/2017

Position as on 6.30 Hrs of 21/Nov/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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.	
CPP	SWPGL U-3	135	20/11/2017	07.35	20/11/2017	08.36	Coal mill problem	
MSPGCL	Khaparkheda Unit 2	210	20/11/2017	12.14		Continued.	Coal Shortage	
MSPGCL	Parli Unit 7	250	20/11/2017	21.00		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 21/Nov/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400kv Ict 1 @Tirora	IntraState	20/11/2017	11.47	20/11/2017	20.02	EO	Attending Hot Spot
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 I	InterState	19/11/2017	18.03	20/11/2017	06.30	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	20/11/2017	19.07	21/11/2017	06.29	HT	Over Voltage
Ektuni-Bableshtar ckt I	IntraState	17/11/2017	21.55	20/11/2017	15.49	HT	Over Voltage
Karad - Jaigad - II	IntraState	18/11/2017	17.44		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	18/11/2017	20.07		Continued.	HT	Over Voltage
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
Alkud-Kolhapur(Talandage)	IntraState	20/11/2017	11.54		Continued.	PO	Quarterly Maintenance Work
Ektuni-Bableshtar ckt II	IntraState	20/11/2017	16.02		Continued.	EO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	20/11/2017	18.47	21/11/2017	06.12	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	20/11/2017	23.59	21/11/2017	06.08	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220KV 500MVA ICT-II@Taptitanda	IntraState	20/11/2017	09.10	20/11/2017	19.29	PO	Quarterly Maintenance Work
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	20/11/2017	09.27	20/11/2017	13.23	PO	Testing Work
400/220kv 315 Mva ICT II @Karad	IntraState	20/11/2017	10.29	20/11/2017	18.27	PO	Testing Work
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.
Mahalakshmi Amona	InterState	20/11/2017	05.30	20/11/2017	07.16	T	Over Voltage
Tillari Amona	InterState	20/11/2017	05.30	20/11/2017	06.56	T	Over Voltage
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)
Purti-Bhugaon	IntraState	20/11/2017	02.05	20/11/2017	03.17	T	Distance Protection
Nigade- Peth Line	IntraState	20/11/2017	10.00	20/11/2017	17.00	PO	Testing Work
Bhugaon- Wardha	IntraState	20/11/2017	10.01	20/11/2017	11.49	PO	Measurment of stackwise ir values of la.
Butibori - VIPL Ckt I	IntraState	20/11/2017	10.04	20/11/2017	17.36	EO	Attending Hot Spot
Niwali - Pawas Line	IntraState	20/11/2017	10.14	20/11/2017	16.45	PO	Routine Maintenance Work
New Koyna - Loteparshuram	IntraState	20/11/2017	10.45	20/11/2017	16.00	EO	Attending Hot Spot
Gadchandur - Virur-I	IntraState	20/11/2017	12.40	20/11/2017	16.46	PO	relay Replacement work.
Pophali - New Koyna	IntraState	20/11/2017	16.28	20/11/2017	19.57	T	Distance Protection
Kandalgaon - Koyna	IntraState	20/11/2017	16.28	20/11/2017	20.20	T	Distance Protection

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 20/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 21/Nov/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
220/132 Kv 100 Mva Ict 1 @Yavatmal	IntraState	20/11/2017	10.51	20/11/2017	17.10	PO	Attending Oil Leakage
132 KV LINE Outages/Trippings							
Dhule(220kv)-Dondaicha(132 Kv)	IntraState	20/11/2017	14.16	20/11/2017	15.42	T	e/w removing work.