

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Nov/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.817	1407.154	1) Gujrat	-0.491	-3.969
2) Hydro	8.888	103.352	2) Madhya Pradesh	8.659	112.707
3) Gas	10.372	121.519	3) Chattisgarh	7.640	87.290
Total MSPGCL	138.077	1632.025	4) Maharashtra Net	117.486	1367.451
B) 1) APML	49.240	692.081	5) Goa (Amona)	-0.704	-9.680
2) JSWEL	18.660	274.458	Total	132.590	1553.799
3) VIPL	12.919	150.340	a) Mumbai Schedule	16.243	239.225
4) RPL(AMT)	11.710	179.954	b) Mumbai Drawl	17.939	312.623
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	42.109	416.588
6) PGPL	0.000	0.000	Include PX	12.128	11.626
7) Other IPP	9.833	86.028	d) Mumbai Bilateral *	16.243	239.225
C) 1) TPCL Thermal	15.198	169.977	Include PX	-0.069	29.504
2) TPCL Hydro	0.340	39.523	Include Standby	0.000	0.000
3) TPCL Gas	4.313	49.226	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.733	122.077	1) MSEDCL	363.226	4410.449
D) STATE			2) Mumbai Discoms	48.527	693.428
1) Thermal	247.110	3082.069	TOTAL STATE	411.753	5103.877
(A1+C1+C4+(B1-B6))					
2) Hydro	9.228	142.875			
(A2+C2)					
3) Gas	14.685	170.745			
(A3+B6+C3)					
4) Wind	4.724	113.447			
6) SOLAR	3.412	40.940			
TOTAL STATE	279.159	3550.076			

* 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	5223	5188	5110	4292
MSPGCL Hydro	713	548	581	114
MSPGCL Gas	413	412	419	447
MSPGCL Total Generation	6349	6148	6110	4853
Central Sector Receipt	6614	6843	5261	4554
WIND	170	138	65	127
CPP / IPP Thermal	4719	4655	4672	3617
CPP / IPP Gas	0	0	0	0
SOLAR	494	505	0	0
Exchange with Mumbai	-708	-653	-757	-980
MSEDCL DEMAND MET	17638	17636	15351	12171
Load Shedding	0	0	0	0
MSEDCL DEMAND	17638	17636	15351	12171
TPCL GENERATION	960	960	965	691
R-INFRA GENERATION	503	502	497	376
MUMBAI DEMAND	2171	2115	2219	2047
STATE DEMAND MET	19809	19751	17570	14218
STATE DEMAND	19809	19751	17570	14218
Frequency (Hz)	49.94	49.95	49.98	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06.04 Hrs	49.75 Hz at 05.10 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 12/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	10.78	111.45	518	376
Unit 10	9.64	137.04	432	351
Total	20.41	294.96		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.82	98.04	360	300
Unit 5	7.72	99.03	360	300
Total	15.54	197.08		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	4.05	49.24	179	164
Total	4.05	49.24		
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	9.32	108.50	405	351
Unit 7	9.74	115.66	431	360
Unit 8	9.90	118.51	495	0
Unit 9	10.81	81.81	499	360
Total	39.78	427.68		
Paras				
Unit 3	5.36	61.22	250	180
Unit 4	5.45	61.43	250	190
Total	10.82	122.65		
Khaparkheda				
Unit 1	3.49	44.70	160	130
Unit 2	3.66	45.68	155	150
Unit 3	0.00	0.00	0	0
Unit 4	3.66	44.58	155	147
Unit 5	9.56	81.90	455	355
Total	20.36	216.87		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.92	49.46	168	160
Unit 5	3.93	49.22	170	152
Total	7.85	98.68		
Uran				
All Units	10.37	121.52	460	410
Total	10.37	121.52		
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)	0.11	1.99	41	0
Total	0.11	1.99		
Koyna				
Stage 1-2	4.75	39.32	490	40
Stage 4	0.49	25.63	132	0
Stage 3	0.94	14.42	160	0
Total	6.18	79.37		
Hydro				
KDPH	0.43	3.57	18	17
VTRNA	0.00	0.28	0	0
TILLARI	0.37	2.71	63	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	2.67	80	0
RNGR+BHTSA	0.39	4.60	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.81	3.29	34	33
GHATGHAR	0.54	6.86	125	0
Total	2.71	23.98		
Wind				
Total	4.72	113.45	0	0
Total	4.72	113.45		
CPP				
APML(Mus)	49.24	692.08	0	0
JSWEL(Mus)	18.66	274.46	0	0
VIPL(Mus)	12.92	150.34	0	0
RPLAMT(Mus)	11.71	179.95	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	9.83	86.03	0	0
Total	102.36	1382.86		
SOLAR				
Total	3.41	40.94	0	0
Total	3.41	40.94		
Tata				
Trombay 5	9.85	107.56	488	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.74	30.85	116	101
Trombay 7B	1.58	18.37	67	62
Trombay 8	5.35	62.42	241	201
TATA Hydro	0.34	39.52	64	0
Total	19.85	258.73		
R-INFRA				
DTPS U-1&2	10.73	122.08	503	375
Total	10.73	122.08		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	118.82	1407.15	MSPGCL Total	138.08	1632.02
			MSPGCL Thml+Gas	129.19	1528.67	Koyna 1,2 & 4 Total	5.24	64.96
			MSPGCL Hydro	8.89	103.35	State Total	279.16	3550.08

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	4525	146	435	5106	525	3757	0	0	3777	4192	-1042	12538	0	12538	2115	14653	49.97
2	4482	106	446	5034	466	3756	0	0	4535	4725	-878	13103	0	13103	1952	15055	49.99
3	4531	156	445	5132	448	3813	0	0	4794	5045	-764	13674	0	13674	1839	15513	49.96
4	4844	106	446	5396	411	3912	0	0	4774	4988	-684	14023	0	14023	1761	15784	49.98
5	4994	266	447	5707	330	3988	0	0	4810	5122	-661	14486	0	14486	1735	16221	49.95
6	5091	337	460	5888	294	4402	0	0	4977	5054	-607	15031	0	15031	1795	16826	49.95
7	5206	117	451	5774	311	4569	0	12	5791	5533	-440	15759	0	15759	1808	17567	49.94
8	5246	127	439	5812	224	4572	0	88	6006	5712	-430	15978	0	15978	1836	17814	49.94
9	5220	367	449	6036	144	4583	0	237	5656	5722	-520	16202	0	16202	1927	18129	49.91
10	5164	668	448	6280	184	4593	0	365	5018	5293	-632	16083	0	16083	2041	18124	49.93
11	5156	830	422	6408	256	4581	0	465	5741	5834	-719	16825	0	16825	2146	18971	49.93
12	5223	713	413	6349	170	4719	0	494	6513	6614	-708	17638	0	17638	2171	19809	49.94
13	5188	548	412	6148	138	4655	0	505	6778	6843	-653	17636	0	17636	2115	19751	49.95
14	5156	462	411	6029	108	4474	0	466	6754	6840	-587	17330	0	17330	2060	19390	50.01
15	5152	900	411	6463	89	4579	0	378	6528	6621	-660	17470	0	17470	2067	19537	50.00
16	5168	599	410	6177	77	4454	0	273	6842	6803	-623	17161	0	17161	2031	19192	49.96
17	5231	518	411	6160	63	4451	0	117	6412	6418	-619	16590	0	16590	2026	18616	49.97
18	5163	666	417	6246	50	4700	0	12	4945	5177	-618	15567	0	15567	2065	17632	49.98
19	5110	581	419	6110	65	4672	0	0	4686	5261	-757	15351	0	15351	2219	17570	49.98
20	4897	191	423	5511	56	4170	0	0	4970	5309	-1038	14008	0	14008	2217	16225	49.97
21	4841	148	436	5425	58	3917	0	0	4837	5211	-1116	13495	0	13495	2223	15718	49.96
22	4641	108	440	5189	71	3795	0	0	4815	4802	-1125	12732	0	12732	2194	14926	49.99
23	4296	114	434	4844	59	3633	0	0	4747	4915	-1078	12373	0	12373	2133	14506	49.97
24	4292	114	447	4853	127	3617	0	0	4509	4554	-980	12171	0	12171	2047	14218	50.01
MUs	118.82	8.89	10.37	138.08	4.72	102.36	0.00	3.41	129.21	132.59	-17.94	363.23	0.00	363.23	48.52	411.75	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 12/Nov/2017

Position as on 6.30 Hrs of 13/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	
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.	Shutdown	
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	
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		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	Parli Unit 7	250	12/10/2017	00.00		Continued.	Zero Schedule from 12.10.2017 to 31.10.2017, Shutdown due to coal shortage from 00:00Hrs of 01.11.2017	
MSPGCL	Parli Unit 6	250	14/10/2017	17.04		Continued.	Zero Schedule from 14.10.2017 to 31.10.2017, Shutdown due to coal shortage from 00:00Hrs of 01.11.2017	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/Nov/2017

Position as on 6.30 Hrs of 13/Nov/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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.	
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	
IPP	JSW (J) U2	300	12/11/2017	01.33		Continued.	CW duct leakage	
MSPGCL	Chandrapur Unit-8	500	12/11/2017	22.06		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 13/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							
HVDC Pole-I	IntraState	08/11/2017	06.25		Continued.	PO	Annual Maintenance Work
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	06/11/2017	18.57	13/11/2017	06.26	HT	Over Voltage
Ektuni-Bableshtar ckt II	IntraState	08/11/2017	12.41		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	10/11/2017	18.43	12/11/2017	11.18	HT	Over Voltage
karad -kolhapur-II	IntraState	10/11/2017	18.51	12/11/2017	11.26	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	11/11/2017	17.43	12/11/2017	06.38	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	11/11/2017	21.45	12/11/2017	05.20	HT	Over Voltage
karad -kolhapur-I	IntraState	12/11/2017	17.48		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	12/11/2017	17.49		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	12/11/2017	17.49	13/11/2017	06.14	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	12/11/2017	23.14	13/11/2017	06.10	HT	Over Voltage
Dhule - Ssnl I	IntraState	13/11/2017	06.45		Continued.	T	Over Voltage at ssnl end.
400 KV ICT Outages/Trippings							
400/220/33kv 315MVA ICT-I @Lonikand	IntraState	12/11/2017	09.18	12/11/2017	11.01	T	Emergency outage for oil top up.
400/220 kV 500 MVA ICT-III @ Kalwa	IntraState	12/11/2017	10.38	12/11/2017	15.36	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.
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, 36KA practice in progress fault clear near borivali end.
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
Trombay - Mulund	IntraState	12/11/2017	07.21	12/11/2017	11.50	PO	Replacement of jumper.
Dahanu Versova	IntraState	12/11/2017	09.14	12/11/2017	19.39	PO	La Replacement work.
Salsette Borivli 2	IntraState	12/11/2017	8.40	12/11/2017	15.51	PO	For safety purpose.
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 @Ghodbunder R/S	IntraState	29/10/2017	09:26		Continued.	PO	Refurbishment of 100 MVA-3 Transformer under SIS DPR scheme
132 KV LINE Outages/Trippings							
Nanded - Umri II	IntraState	11/11/2017	17.42		Continued.	T	B Phase CT Burst, Bus Bar Prot.operated
Harangul-Jagruti sugar	IntraState	12/11/2017	04.41	12/11/2017	04.52	T	3 PH Indication.

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