

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Nov/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.325	128.325	1) Gujrat	1.470	1.470
2) Hydro	3.221	3.221	2) Madhya Pradesh	8.275	8.275
3) Gas	9.101	9.101	3) Chattisgarh	6.580	6.580
Total MSPGCL	140.647	140.647	4) Maharashtra Net	127.877	127.877
B) 1) APML	43.189	43.189	5) Goa (Amona)	-0.726	-0.726
2) JSWEL	20.806	20.806	Total	143.476	143.476
3) VIPL	11.659	11.659	a) Mumbai Schedule	21.687	21.687
4) RPL(AMT)	15.216	15.216	b) Mumbai Drawl	30.104	30.104
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	39.942	39.942
6) PGPL	0.000	0.000	Include PX	0.000	0.000
7) Other IPP	3.930	3.930	d) Mumbai Bilateral *	21.687	21.687
C) 1) TPCL Thermal	12.651	12.651	Include PX	4.422	4.422
2) TPCL Hydro	4.710	4.710	Include Standby	0.000	0.000
3) TPCL Gas	3.899	3.899	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.162	9.162	1) MSEDCL	358.184	358.184
D) STATE			2) Mumbai Discoms	60.526	60.526
1) Thermal	244.938	244.938	TOTAL STATE	418.710	418.710
(A1+C1+C4+(B1-B6))					
2) Hydro	7.931	7.931			
(A2+C2)					
3) Gas	13.000	13.000			
(A3+B6+C3)					
4) Wind	6.010	6.010			
6) SOLAR	3.355	3.355			
TOTAL STATE	275.234	275.234			

* 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	5509	5470	5508	5130
MSPGCL Hydro	140	86	136	67
MSPGCL Gas	400	407	415	303
MSPGCL Total Generation	6049	5963	6059	5500
Central Sector Receipt	6910	6915	6148	4919
WIND	432	307	195	190
CPP / IPP Thermal	4230	4132	4935	3476
CPP / IPP Gas	0	0	0	0
SOLAR	498	487	0	0
Exchange with Mumbai	-1241	-1519	-1586	-1171
MSEDCL DEMAND MET	16878	16285	15751	12914
Load Shedding	0	0	0	0
MSEDCL DEMAND	16878	16285	15751	12914
TPCL GENERATION	1308	1104	970	650
R-INFRA GENERATION	492	401	375	376
MUMBAI DEMAND	3041	3024	2931	2197
STATE DEMAND MET	19919	19309	18682	15111
STATE DEMAND	19919	19309	18682	15111
Frequency (Hz)	50.01	50.00	49.99	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 13.01 Hrs	49.77 Hz at 18.12 Hrs	49.99	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 01/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	0.01	0.01	10	0
Unit 8	8.53	8.53	414	280
Unit 9	5.38	5.38	315	47
Unit 10	11.79	11.79	550	460
Total	25.72	25.72		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.48	8.48	360	350
Unit 5	8.64	8.64	375	350
Total	17.13	17.13		
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	4.34	4.34	184	176
Total	4.34	4.34		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	3.20	3.20	375	0
Unit 6	8.93	8.93	390	348
Unit 7	9.50	9.50	440	360
Unit 8	9.87	9.87	450	360
Unit 9	9.86	9.86	450	360
Total	41.36	41.36		
Paras				
Unit 3	5.20	5.20	240	172
Unit 4	5.14	5.14	240	177
Total	10.34	10.34		
Khaparkheda				
Unit 1	3.74	3.74	160	150
Unit 2	3.95	3.95	180	150
Unit 3	0.00	0.00	0	0
Unit 4	3.91	3.91	185	152
Unit 5	9.80	9.80	460	360
Total	21.39	21.39		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.99	3.99	186	157
Unit 5	4.05	4.05	189	157
Total	8.04	8.04		
Uran				
All Units	9.10	9.10	443	286
Total	9.10	9.10		
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)	0.48	0.48	45	10
Total	0.48	0.48		
Koyna				
Stage 1-2	1.72	1.72	340	40
Stage 4	0.00	0.00	0	0
Stage 3	0.50	0.50	160	0
Total	2.22	2.22		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	0.30	80	0
RNGR+BHTSA	0.39	0.39	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.00	0.00	0	0
GHATGHAR	0.31	0.31	125	0
Total	1.00	1.00		
Wind				
Total	6.01	6.01	0	0
Total	6.01	6.01		
CPP				
APML(Mus)	43.19	43.19	0	0
JSWEL(Mus)	20.81	20.81	0	0
VIPL(Mus)	11.66	11.66	0	0
RPLAMT(Mus)	15.22	15.22	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	3.93	3.93	0	0
Total	94.80	94.80		
SOLAR				
Total	3.36	3.36	0	0
Total	3.36	3.36		
Tata				
Trombay 5	7.74	7.74	424	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.42	2.42	115	65
Trombay 7B	1.48	1.48	68	48
Trombay 8	4.91	4.91	247	200
TATA Hydro	4.71	4.71	459	0
Total	21.26	21.26		
R-INFRA				
DTPS U-1&2	9.16	9.16	492	374
Total	9.16	9.16		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	128.32	128.32	MSPGCL Total	140.65	140.65
			MSPGCL Thml+Gas	137.43	137.43	Koyna 1,2 & 4 Total	1.72	1.72
			MSPGCL Hydro	3.22	3.22	State Total	275.23	275.23

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 01/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	5130	67	303	5500	190	3476	0	0	5333	4919	-1171	12914	0	12914	2197	15111	49.98
2	5104	67	296	5467	221	3460	0	0	5287	5152	-1015	13285	0	13285	2029	15314	49.99
3	5145	62	286	5493	263	3344	0	0	5348	5124	-901	13323	0	13323	1908	15231	50.00
4	5177	72	308	5557	296	3331	0	0	5376	5225	-819	13590	0	13590	1826	15416	50.02
5	5199	62	300	5561	305	3340	0	0	5588	5430	-779	13857	0	13857	1793	15650	50.00
6	5621	62	300	5983	320	3474	0	0	5942	5893	-865	14805	0	14805	1873	16678	49.97
7	5776	121	326	6223	344	3611	0	6	6036	6200	-926	15458	0	15458	1984	17442	49.97
8	5609	356	355	6320	288	3767	0	94	6115	6548	-983	16034	0	16034	2120	18154	49.95
9	5708	96	407	6211	195	4292	0	244	6182	6147	-1206	15883	0	15883	2390	18273	49.99
10	5456	106	426	5988	284	3928	0	364	6417	6252	-1427	15389	0	15389	2755	18144	49.96
11	5455	146	427	6028	343	3731	0	453	6707	6646	-1413	15788	0	15788	2944	18732	50.00
12	5509	140	400	6049	432	4230	0	498	6816	6910	-1241	16878	0	16878	3041	19919	50.01
13	5470	86	407	5963	307	4132	0	487	6721	6915	-1519	16285	0	16285	3024	19309	50.00
14	5494	101	396	5991	272	3974	0	443	6595	6863	-1415	16128	0	16128	2899	19027	50.02
15	5495	302	393	6190	209	4008	0	381	6684	6899	-1401	16286	0	16286	2934	19220	49.95
16	5470	396	394	6260	134	4337	0	257	6735	6751	-1434	16305	0	16305	2966	19271	49.97
17	5443	356	406	6205	115	4644	0	111	6618	6439	-1440	16074	0	16074	2944	19018	49.97
18	5412	152	401	5965	116	4691	0	17	6269	6024	-1383	15430	0	15430	2877	18307	49.96
19	5508	136	415	6059	195	4935	0	0	6052	6148	-1586	15751	0	15751	2931	18682	49.99
20	5387	76	419	5882	192	4478	0	0	6298	5852	-1575	14829	0	14829	2878	17707	50.01
21	4962	56	427	5445	187	4082	0	0	6155	5894	-1434	14174	0	14174	2719	16893	49.99
22	4956	71	437	5464	266	3946	0	0	5493	5459	-1457	13678	0	13678	2616	16294	49.97
23	4928	71	429	5428	262	3801	0	0	5040	5146	-1385	13252	0	13252	2481	15733	49.98
24	4911	61	443	5415	274	3786	0	0	4960	4640	-1329	12786	0	12786	2397	15183	50.02
MUs	128.32	3.22	9.10	140.65	6.01	94.80	0.00	3.36	144.77	143.48	-30.10	358.18	0.00	358.18	60.53	418.71	49.99

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 01/Nov/2017

Position as on 6.30 Hrs of 02/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 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
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 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.	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.	
MSPGCL	Parli Unit 6	250	14/10/2017	17.04		Continued.	zero schedule by msedcl.	
IPP	Adani U-2	660	18/10/2017	05.58		Continued.	aph support bearing abnormal sound and oil leakage.	
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	
IPP	Adani U-5	660	28/10/2017	20.47	01/11/2017	15.31	ash handling problem.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 01/Nov/2017

Position as on 6.30 Hrs of 02/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	Uran Unit 5	108	30/10/2017	04.05	01/11/2017	06.20	Gas shortage	
MSPGCL	Nasik Unit 3	210	30/10/2017	23.35		Continued.	GOVERNING SYSTEM PROBLEM.	
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)
Details of Line outages/Trippings for 01/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 02/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 I	InterState	30/10/2017	18.16		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	26/10/2017	15.16		Continued.	PO	SCADA work (RFC 19.53Hrs Dt.27/10/2017)
Jaigad-Karad Ckt-I	IntraState	30/10/2017	22.14		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	31/10/2017	11.59	01/11/2017	11.01	EO	Attending Hot Spot (RFC 19.10)
Khadka-Aurangabad (Waluj)	IntraState	31/10/2017	17.19	01/11/2017	10.53	HT	Over Voltage
Warora-Tirora-li	IntraState	01/11/2017	11.01	01/11/2017	19.12	PO	Replacement of Wavetrap Jumper
Khadka-Aurangabad (Waluj)	IntraState	01/11/2017	18.28		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	01/11/2017	21.03		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.
Borivali - Tarapur	InterState	26/10/2017	11.01		Continued.	HT	Zone-II Main Bus outage
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.
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
Talandge(400)- Mudshingi 2 Line	IntraState	01/11/2017	19.55	02/11/2017	05.53	HT	Due to noise in CT
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
220/22 Kv 50 Mva Bb Ptr 2 @Uran	IntraState	01/11/2017	09.42	01/11/2017	17.55	PO	TF PAINTING WORK.
132 KV LINE Outages/Trippings							
Ambazari-Mankapur 1	IntraState	30/10/2017	16.54		Continued.	T	Distance Protection

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