

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 13/Nov/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	114.080	1521.234	1) Gujrat	-1.861	-5.830
2) Hydro	15.081	118.433	2) Madhya Pradesh	8.279	120.986
3) Gas	10.470	131.989	3) Chattisgarh	7.240	94.530
Total MSPGCL	139.631	1771.656	4) Maharashtra Net	123.714	1491.165
B) 1) APML	51.263	743.344	5) Goa (Amona)	-0.572	-10.252
2) JSWEL	19.717	294.175	Total	136.800	1690.599
3) VIPL	12.922	163.262	a) Mumbai Schedule	19.665	258.891
4) RPL(AMT)	11.796	191.750	b) Mumbai Drawl	21.787	334.410
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	35.659	452.247
6) PGPL	0.000	0.000	Include PX	2.788	14.414
7) Other IPP	13.352	99.380	d) Mumbai Bilateral *	19.665	258.891
C) 1) TPCL Thermal	15.239	185.216	Include PX	0.622	30.126
2) TPCL Hydro	4.196	43.719	Include Standby	0.000	0.000
3) TPCL Gas	4.346	53.572	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.771	132.848	1) MSEDCL	369.451	4779.900
D) STATE			2) Mumbai Discoms	56.340	749.768
1) Thermal	249.140	3331.209	TOTAL STATE	425.791	5529.668
(A1+C1+C4+(B1-B6))					
2) Hydro	19.277	162.152			
(A2+C2)					
3) Gas	14.816	185.561			
(A3+B6+C3)					
4) Wind	2.446	115.893			
6) SOLAR	3.311	44.251			
TOTAL STATE	288.990	3839.066			

* 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 14 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	5160	5149	4778	4351
MSPGCL Hydro	1529	1223	717	146
MSPGCL Gas	417	407	423	437
MSPGCL Total Generation	7106	6779	5918	4934
Central Sector Receipt	6675	6702	5978	4419
WIND	117	104	92	137
CPP / IPP Thermal	4809	4853	4959	3783
CPP / IPP Gas	0	0	0	0
SOLAR	481	464	0	0
Exchange with Mumbai	-1091	-1041	-974	-850
MSEDCL DEMAND MET	18097	17861	15973	12423
Load Shedding	0	0	0	0
MSEDCL DEMAND	18097	17861	15973	12423
TPCL GENERATION	1285	1193	1297	697
R-INFRA GENERATION	504	503	502	376
MUMBAI DEMAND	2880	2737	2773	1923
STATE DEMAND MET	20977	20598	18746	14346
STATE DEMAND	20977	20598	18746	14346
Frequency (Hz)	49.97	50.01	49.97	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 12.01 Hrs	49.72 Hz at 06.41 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 13/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	6.92	118.36	491	0
Unit 10	11.42	148.46	534	360
Total	18.34	313.30		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.97	108.02	475	340
Unit 5	10.04	109.07	475	340
Total	20.01	217.08		
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	0.76	0.76	166	0
Unit 8	4.01	53.25	174	161
Total	4.77	54.01		
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	9.36	117.86	405	347
Unit 7	9.72	125.38	428	348
Unit 8	0.00	118.51	0	0
Unit 9	10.57	92.38	480	356
Total	29.65	457.33		
Paras				
Unit 3	5.40	66.62	250	185
Unit 4	5.52	66.95	252	190
Total	10.92	133.58		
Khaparkheda				
Unit 1	3.64	48.34	165	140
Unit 2	3.97	49.66	180	135
Unit 3	0.00	0.00	0	0
Unit 4	3.96	48.53	181	148
Unit 5	10.19	92.10	455	360
Total	21.76	238.63		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.31	53.77	196	160
Unit 5	4.32	53.54	196	155
Total	8.64	107.31		
Uran				
All Units	10.47	131.99	464	407
Total	10.47	131.99		
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)	0.17	2.16	49	0
Total	0.17	2.16		
Koyna				
Stage 1-2	4.08	43.41	470	40
Stage 4	4.72	30.35	696	0
Stage 3	2.24	16.66	240	0
Total	11.05	90.42		
Hydro				
KDPH	0.43	4.00	18	17
VTRNA	0.00	0.28	0	0
TILLARI	0.35	3.06	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	2.87	80	0
RNGR+BHTSA	0.39	4.99	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	1.60	4.88	67	66
GHATGHAR	1.07	7.94	125	0
Total	4.03	28.01		
Wind				
Total	2.45	115.89	0	0
Total	2.45	115.89		
CPP				
APML(Mus)	51.26	743.34	0	0
JSWEL(Mus)	19.72	294.18	0	0
VIPL(Mus)	12.92	163.26	0	0
RPLAMT(Mus)	11.80	191.75	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	13.35	99.38	0	0
Total	109.05	1491.91		
SOLAR				
Total	3.31	44.25	0	0
Total	3.31	44.25		
Tata				
Trombay 5	9.89	117.45	489	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	33.61	116	114
Trombay 7B	1.59	19.96	67	65
Trombay 8	5.35	67.76	241	200
TATA Hydro	4.20	43.72	404	61
Total	23.78	282.51		
R-INFRA				
DTPS U-1&2	10.77	132.85	504	373
Total	10.77	132.85		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	114.08	1521.23	MSPGCL Total	139.63	1771.66
			MSPGCL Thml+Gas	124.55	1653.22	Koyna 1,2 & 4 Total	8.81	73.76
			MSPGCL Hydro	15.08	118.43	State Total	288.99	3839.07

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 13/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	4351	146	437	4934	137	3783	0	0	4568	4419	-850	12423	0	12423	1923	14346	50.02
2	4326	141	450	4917	142	3789	0	0	4747	4815	-698	12965	0	12965	1773	14738	49.99
3	4317	140	464	4921	122	3930	0	0	4885	5090	-603	13460	0	13460	1674	15134	49.98
4	4527	150	453	5130	86	4022	0	0	4844	4966	-551	13653	0	13653	1622	15275	50.01
5	4710	150	454	5314	90	4181	0	0	4920	5246	-539	14292	0	14292	1610	15902	49.95
6	5117	355	464	5936	73	4721	0	0	4759	4929	-545	15114	0	15114	1721	16835	49.88
7	5168	1105	455	6728	106	4819	0	7	5279	5004	-439	16224	0	16224	1891	18116	49.85
8	5232	937	456	6625	110	4822	0	85	6146	5859	-557	16944	0	16944	2028	18972	49.91
9	5208	387	452	6047	117	4830	0	248	6450	6140	-836	16546	0	16546	2316	18862	49.93
10	5185	342	458	5985	118	4815	0	354	6209	5973	-1029	16216	0	16216	2616	18832	49.93
11	5179	1014	427	6620	137	4798	0	450	6316	6110	-1056	17059	0	17059	2839	19898	49.96
12	5160	1529	417	7106	117	4809	0	481	6721	6675	-1091	18097	0	18097	2880	20977	49.97
13	5137	1114	412	6663	129	4816	0	483	6886	6509	-1035	17565	0	17565	2829	20394	49.91
14	5149	1223	407	6779	104	4853	0	464	6563	6702	-1041	17861	0	17861	2737	20598	50.01
15	5074	1104	412	6590	97	4834	0	368	6849	6728	-1005	17612	0	17612	2763	20375	49.97
16	4756	1261	408	6425	92	4858	0	257	6985	6638	-1000	17270	0	17270	2771	20041	49.93
17	4800	1406	411	6617	106	4866	0	102	6591	6249	-948	16992	0	16992	2761	19753	49.89
18	4833	961	418	6212	111	4883	0	12	5817	5977	-948	16247	0	16247	2741	18988	49.92
19	4778	717	423	5918	92	4959	0	0	5722	5978	-974	15973	0	15973	2773	18746	49.97
20	4564	252	434	5250	72	4696	0	0	5711	5943	-1215	14746	0	14746	2704	17450	49.98
21	4371	212	429	5012	88	4454	0	0	5517	5713	-1330	13937	0	13937	2554	16491	49.98
22	4096	140	436	4672	75	4244	0	0	5144	5499	-1262	13228	0	13228	2430	15658	50.01
23	4025	140	447	4612	74	4165	0	0	5058	5006	-1180	12677	0	12677	2255	14932	50.00
24	4017	155	446	4618	51	4103	0	0	4945	4631	-1055	12348	0	12348	2128	14476	49.98
MUs	114.08	15.08	10.47	139.63	2.45	109.05	0.00	3.31	137.63	136.80	-21.79	369.45	0.00	369.45	56.34	425.79	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 13/Nov/2017

Position as on 6.30 Hrs of 14/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 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	Parli Unit 7	250	12/10/2017	00.00	13/11/2017	15.00	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 13/Nov/2017

Position as on 6.30 Hrs of 14/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	
MSPGCL	Koradi Unit 9	660	13/11/2017	14.44		Continued.	electrohydraulic oil pressure low.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 14/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		Continued.	HT	Over Voltage
Akola Aurangabad(PG) I	InterState	13/11/2017	11.07	13/11/2017	17.55	PO	Routine Maintenance Work
Ektuni-Bableshtar ckt II	IntraState	08/11/2017	12.41		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	12/11/2017	17.48	13/11/2017	11.40	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	12/11/2017	17.49	13/11/2017	11.31	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
Chandrapur - Khaperkheda	IntraState	13/11/2017	10.27	13/11/2017	16.23	EO	Attending Hot Spot
Babhaleshtar - Padghe-I	IntraState	13/11/2017	15.27	13/11/2017	18.20	PO	hot line work.
Karad-Jaigad - I	IntraState	13/11/2017	18.36		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	13/11/2017	18.38		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	13/11/2017	18.39		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT 3 @Kolhapur	IntraState	13/11/2017	09.35	13/11/2017	18.18	PO	Quarterly Maintenance Work
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	13/11/2017	18.10	13/11/2017	19.22	PO	tap changing work.
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	13/11/2017	19.32	13/11/2017	20.53	PO	tap changing 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.
Borivali - Tarapur	InterState	13/11/2017	10.16	13/11/2017	19.10	PO	outage by wrldc.
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
Butibori-Indorama	IntraState	13/11/2017	06.37		Continued.	PO	Tan Delta Measurement of CTs
mudshingi Bus section no.1	IntraState	13/11/2017	09.35	13/11/2017	12.45	PO	Annual Maintenance Work
Kharepatan -Pawas Line	IntraState	13/11/2017	09.56	13/11/2017	15.49	PO	breaker work.
Deepnagar Bambhori	IntraState	13/11/2017	17.18	13/11/2017	22.09	T	Distance Protection
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
220/100 Kv 200 MVA ICT I @Apta	IntraState	13/11/2017	10.35	13/11/2017	18.02	PO	oltc overhauling work.
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	13/11/2017	11.10	13/11/2017	16.34	PO	replacement of b phase la.

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 13/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 14/Nov/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
132 KV LINE Outages/Trippings							
Nanded - Umri II	IntraState	11/11/2017	17.42		Continued.	T	B Phase CT Burst, Bus Bar Prot.operated
Beed (220kv) - Beed (132kv)	IntraState	13/11/2017	18.42		Continued.	T	Distance Protection