

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Nov/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	109.346	1630.580	1) Gujrat	-2.702	-8.532
2) Hydro	12.812	131.245	2) Madhya Pradesh	8.809	129.795
3) Gas	10.460	142.449	3) Chattisgarh	7.240	101.770
Total MSPGCL	132.618	1904.274	4) Maharashtra Net	133.398	1624.563
B) 1) APML	51.480	794.824	5) Goa (Amona)	-0.352	-10.604
2) JSWEL	20.039	314.214	Total	146.393	1836.992
3) VIPL	13.147	176.409	a) Mumbai Schedule	20.574	279.465
4) RPL(AMT)	11.749	203.499	b) Mumbai Drawl	22.158	356.568
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	42.464	494.710
6) PGPL	0.000	0.000	Include PX	12.319	26.733
7) Other IPP	13.721	113.101	d) Mumbai Bilateral *	20.574	279.465
C) 1) TPCL Thermal	15.249	200.465	Include PX	1.261	31.387
2) TPCL Hydro	3.829	47.548	Include Standby	0.000	0.000
3) TPCL Gas	4.338	57.910	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.859	143.707	1) MSEDCL	372.483	5152.383
D) STATE			2) Mumbai Discoms	56.437	806.205
1) Thermal	245.590	3576.799	TOTAL STATE	428.920	5958.588
(A1+C1+C4+(B1-B6))					
2) Hydro	16.641	178.793			
(A2+C2)					
3) Gas	14.798	200.359			
(A3+B6+C3)					
4) Wind	2.391	118.284			
6) SOLAR	3.103	47.354			
TOTAL STATE	282.523	4121.589			

* 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	4685	4688	4717	4158
MSPGCL Hydro	1085	875	1167	96
MSPGCL Gas	423	412	422	446
MSPGCL Total Generation	6193	5975	6306	4700
Central Sector Receipt	7424	7636	5747	4579
WIND	71	95	149	64
CPP / IPP Thermal	4808	4839	4827	3887
CPP / IPP Gas	0	0	0	0
SOLAR	462	454	0	0
Exchange with Mumbai	-1103	-1075	-1033	-986
MSEDCL DEMAND MET	17855	17924	15996	12244
Load Shedding	0	0	0	0
MSEDCL DEMAND	17855	17924	15996	12244
TPCL GENERATION	1285	1262	1262	697
R-INFRA GENERATION	503	502	502	375
MUMBAI DEMAND	2891	2839	2797	2058
STATE DEMAND MET	20746	20763	18793	14302
STATE DEMAND	20746	20763	18793	14302
Frequency (Hz)	49.93	49.93	50.00	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 21.59 Hrs	49.66 Hz at 06.40 Hrs	49.95	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 14/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	0.00	118.36	0	0
Unit 10	8.61	157.07	460	301
Total	8.61	321.91		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.00	118.02	460	345
Unit 5	10.06	119.13	460	350
Total	20.06	237.15		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.33	0.33	87	0
Unit 7	4.81	5.57	241	187
Unit 8	4.08	57.33	176	165
Total	9.22	63.23		
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	9.30	127.16	405	352
Unit 7	9.95	135.34	430	361
Unit 8	0.00	118.51	0	0
Unit 9	10.50	102.88	452	360
Total	29.76	487.08		
Paras				
Unit 3	5.55	72.17	250	185
Unit 4	5.62	72.57	255	188
Total	11.16	144.74		
Khaparkheda				
Unit 1	3.56	51.91	160	140
Unit 2	3.74	53.40	165	140
Unit 3	0.00	0.00	0	0
Unit 4	4.08	52.61	183	152
Unit 5	10.46	102.55	450	360
Total	21.84	260.47		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.38	58.16	197	163
Unit 5	4.31	57.85	197	160
Total	8.69	116.00		
Uran				
All Units	10.46	142.45	461	408
Total	10.46	142.45		
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)	0.16	2.32	47	0
Total	0.16	2.32		
Koyna				
Stage 1-2	4.82	48.24	475	40
Stage 4	4.21	34.57	612	0
Stage 3	1.92	18.57	160	0
Total	10.96	101.38		
Hydro				
KDPH	0.43	4.42	18	17
VTRNA	0.00	0.28	0	0
TILLARI	0.37	3.43	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	3.09	77	0
RNGR+BHTSA	0.38	5.37	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.45	5.34	19	18
GHATGHAR	0.00	7.94	0	0
Total	1.86	29.87		
Wind				
Total	2.39	118.28	0	0
Total	2.39	118.28		
CPP				
APML(Mus)	51.48	794.82	0	0
JSWEL(Mus)	20.04	314.21	0	0
VIPL(Mus)	13.15	176.41	0	0
RPLAMT(Mus)	11.75	203.50	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	13.72	113.10	0	0
Total	110.14	1602.05		
SOLAR				
Total	3.10	47.35	0	0
Total	3.10	47.35		
Tata				
Trombay 5	9.90	127.35	488	310
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.75	36.36	115	110
Trombay 7B	1.59	21.55	67	65
Trombay 8	5.35	73.12	241	195
TATA Hydro	3.83	47.55	381	0
Total	23.42	305.92		
R-INFRA				
DTPS U-1&2	10.86	143.71	504	373
Total	10.86	143.71		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	109.35	1630.58	MSPGCL Total	132.62	1904.27
			MSPGCL Thml+Gas	119.81	1773.03	Koyna 1,2 & 4 Total	9.04	82.80
			MSPGCL Hydro	12.81	131.24	State Total	282.52	4121.59

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	4055	129	446	4630	44	3957	0	0	4850	4844	-897	12578	0	12578	1969	14547	49.96
2	4146	173	451	4770	57	4144	0	0	5003	4948	-733	13186	0	13186	1803	14989	49.97
3	4286	303	450	5039	57	4291	0	0	5138	5285	-633	14039	0	14039	1697	15736	49.95
4	4422	98	454	4974	88	4383	0	0	5116	5329	-563	14211	0	14211	1631	15842	49.95
5	4560	138	453	5151	126	4516	0	0	5170	5421	-573	14641	0	14641	1638	16279	50.00
6	4768	412	461	5641	163	4762	0	0	5420	5357	-499	15424	0	15424	1739	17163	49.96
7	4782	878	449	6109	151	4823	0	8	6001	5703	-479	16315	0	16315	1910	18225	49.87
8	4759	918	452	6129	131	4826	0	87	6356	6511	-596	17088	0	17088	2061	19149	49.90
9	4740	514	447	5701	71	4811	0	219	6524	6611	-847	16566	0	16566	2329	18895	49.89
10	4713	497	446	5656	75	4820	0	342	6593	6542	-999	16436	0	16436	2625	19061	49.86
11	4678	958	421	6057	98	4808	0	433	6922	7310	-1109	17597	0	17597	2858	20455	49.97
12	4685	1085	423	6193	71	4808	0	462	7760	7424	-1103	17855	0	17855	2891	20746	49.93
13	4688	875	412	5975	95	4839	0	454	7669	7636	-1075	17924	0	17924	2839	20763	49.93
14	4716	478	408	5602	94	4885	0	412	7319	7460	-1006	17447	0	17447	2719	20166	49.97
15	4708	657	415	5780	73	4895	0	347	7376	7499	-1031	17563	0	17563	2759	20322	49.95
16	4687	725	419	5831	95	4856	0	229	7544	7669	-1043	17637	0	17637	2791	20428	49.96
17	4693	801	423	5917	84	4863	0	101	7214	7058	-1006	17017	0	17017	2795	19812	49.94
18	4707	1242	418	6367	74	4746	0	9	5861	6080	-998	16278	0	16278	2767	19045	49.95
19	4717	1167	422	6306	149	4827	0	0	5399	5747	-1033	15996	0	15996	2797	18793	50.00
20	4656	289	422	5367	182	4648	0	0	5529	5964	-1192	14969	0	14969	2662	17631	50.02
21	4488	172	438	5098	173	4363	0	0	5435	5630	-1342	13922	0	13922	2545	16467	49.96
22	4328	101	430	4859	97	4301	0	0	5062	4969	-1272	12954	0	12954	2345	15299	50.02
23	4206	106	454	4766	79	4075	0	0	4903	4816	-1143	12593	0	12593	2205	14798	50.01
24	4158	96	446	4700	64	3887	0	0	4893	4579	-986	12244	0	12244	2058	14302	49.97
MUs	109.35	12.81	10.46	132.62	2.39	110.14	0.00	3.10	145.06	146.39	-22.16	372.48	0.00	372.48	56.43	428.92	49.95

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 14/Nov/2017

Position as on 6.30 Hrs of 15/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 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 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 14/Nov/2017

Position as on 6.30 Hrs of 15/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	
IPP	JSW (J) U2	300	12/11/2017	01.33	14/11/2017	20.28	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.	
MSPGCL	Parli Unit 6	250	14/11/2017	17.04	14/11/2017	19.30	zero schedule.	
MSPGCL	Uran Unit 5	108	15/11/2017	04.06		Continued.	filter replacement work.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 15/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	14/11/2017	19.59	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
Ektuni-Bableshwar ckt II	IntraState	08/11/2017	12.41	14/11/2017	10.11	HT	Over Voltage
Karad-Jaigad - I	IntraState	13/11/2017	18.36	14/11/2017	09.05	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	13/11/2017	18.38	14/11/2017	09.06	HT	Over Voltage
karad -kolhapur-II	IntraState	13/11/2017	18.39	14/11/2017	09.11	HT	Over Voltage
Ektuni-Taptitanda II	IntraState	14/11/2017	10.57	14/11/2017	18.52	PO	Routine Maintenance Work
Karad-Jaigad - I	IntraState	14/11/2017	18.01		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	14/11/2017	18.02		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	14/11/2017	18.42		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	14/11/2017	23.57	15/11/2017	06.54	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	14/11/2017	08.18	14/11/2017	19.30	PO	Routine Maintenance Work
Butibori 3-Butibori 1	InterState	14/11/2017	11.16	14/11/2017	16.20	PO	Tan Delta Measurment of CTs
Boiser(M)-Boiser(PG) -III	InterState	14/11/2017	20.10		Continued.	PO	Taken On TBC B Phase Jumper Open.
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 Measurment of CTs
Ambazari-Kalmeshwar	IntraState	14/11/2017	08.00	14/11/2017	15.32	PO	removal of elw at loc 125 to 136.
Bus Coupler @ Kalwa	IntraState	14/11/2017	09.19		Continued.	PO	Isolator Maintenance Work.
Koradi-Khaperkheda	IntraState	14/11/2017	10.19	14/11/2017	19.02	PO	Tan Delta Measurment of CTs
Badnera-Akola I	IntraState	14/11/2017	10.23	14/11/2017	15.08	PO	Tan Delta Measurment of CTs
Wadkhal - Ndil 2	IntraState	14/11/2017	10.56	14/11/2017	19.57	PO	Routine Maintenance Work
Parli 2-(Girwali) -Murud	IntraState	14/11/2017	10.58	14/11/2017	15.25	PO	Quarterly Maintainance Work
Aurangabad-Babhaleshwar	IntraState	14/11/2017	12.17	14/11/2017	17.34	PO	Line Maintenance work
Miraj - Ichalkaranji II	IntraState	14/11/2017	13.54	14/11/2017	18.45	PO	Insulator Replacement Work
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
220/132 Kv 200 MVA ICT II @Babhleshwar	IntraState	14/11/2017	09.46	14/11/2017	18.00	PO	Routine Maintenance Work
220/132 Kv 100 Mva Ict 1 @Tuljapur	IntraState	14/11/2017	15.06	14/11/2017	16.33	PO	Attending Oil Leakage

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 14/Nov/2017

Statement-VII

Position as on 6.30 Hrs of 15/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
Amravati - Tiwasa	IntraState	14/11/2017	02.20	14/11/2017	17.04	T	Distance Protection
Chalisgaon - Manmad	IntraState	14/11/2017	13.15	14/11/2017	13.35	T	on Z3 at cgaon end only.