

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	102.663	1398.062	1) Gujrat	-3.862	-24.646
2) Hydro	4.613	127.633	2) Madhya Pradesh	10.803	171.257
3) Gas	6.591	97.383	3) Chattisgarh	3.360	90.980
Total MSPGCL	113.867	1623.078	4) Maharashtra Net	116.814	1587.356
B) 1) APLM	54.309	611.218	5) Goa (Amona)	-0.330	-2.530
2) JSWEL	26.512	331.344	Total	126.785	1822.417
3) VIPL	6.940	106.517	a) Mumbai Schedule	23.355	354.486
4) RPL(AMT)	12.323	158.427	b) Mumbai Drawl	33.077	441.832
5) WPCL	2.353	27.240	c) MSEDCL Bilateral *	35.985	458.426
6) PGPL	0.000	0.000	Include PX	-1.355	49.325
7) Other IPP	6.495	82.594	d) Mumbai Bilateral *	23.355	354.205
C) 1) TPCL Thermal	14.901	195.635	Include PX	5.053	77.168
2) TPCL Hydro	3.617	54.358	Include Standby	0.000	0.281
3) TPCL Gas	2.430	36.763	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.594	89.644	1) MSEDCL	321.452	4408.061
D) STATE			2) Mumbai Discoms	64.618	818.233
1) Thermal	237.090	3000.681	TOTAL STATE	386.070	5226.294
(A1+C1+C4+(B1-B6))					
2) Hydro	8.230	181.991			
(A2+C2)					
3) Gas	9.021	134.146			
(A3+B6+C3)					
4) Wind	2.539	56.166			
6) SOLAR	2.406	30.892			
TOTAL STATE	259.286	3403.876			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4466	4371	4492	4123
MSPGCL Hydro	153	80	502	91
MSPGCL Gas	268	266	276	275
MSPGCL Total Generation	4887	4717	5270	4489
Central Sector Receipt	5495	5507	5620	4469
WIND	63	105	124	72
CPP / IPP Thermal	4664	4486	4790	4707
CPP / IPP Gas	0	0	0	0
SOLAR	344	275	0	0
Exchange with Mumbai	-1837	-1987	-1242	-940
MSEDCL DEMAND MET	13616	13103	14562	12797
Load Shedding	0	0	0	0
MSEDCL DEMAND	13616	13103	14562	12797
TPCL GENERATION	906	876	1292	621
R-INFRA GENERATION	500	398	502	377
MUMBAI DEMAND	3243	3261	3036	1938
STATE DEMAND MET	16859	16364	17598	14735
STATE DEMAND	16859	16364	17598	14735
Frequency (Hz)	49.98	49.93	49.91	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13.01 Hrs	49.65 Hz at 18.10 Hrs	49.94	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/Oct/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	0.00	0	0
Unit 8	9.12	137.12	509	273
Unit 9	0.00	0.00	0	0
Unit 10	9.46	127.90	465	348
Total	18.58	265.02		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.79	100.02	360	300
Unit 5	7.82	101.04	350	300
Total	15.60	201.06		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.86	57.15	228	182
Unit 7	0.00	34.96	0	0
Unit 8	0.00	10.92	0	0
Total	4.86	103.02		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	28.26	0	0
Unit 5	9.52	119.72	415	360
Unit 6	0.11	39.51	110	0
Unit 7	10.50	120.19	466	354
Unit 8	7.90	100.52	370	295
Unit 9	8.05	94.88	366	307
Total	36.08	503.07		
Paras				
Unit 3	0.00	37.17	0	0
Unit 4	5.18	54.68	227	183
Total	5.18	91.85		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.01	0.01	10	0
Unit 3	0.00	0.00	0	0
Unit 4	3.63	19.78	154	146
Unit 5	9.91	117.86	450	360
Total	13.55	137.65		
Nasik				
Unit 3	0.00	28.75	0	0
Unit 4	4.43	14.43	196	160
Unit 5	4.37	53.21	194	157
Total	8.80	96.39		
Uran				
All Units	6.59	97.38	289	255
Total	6.59	97.38		
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)	0.78	6.00	37	29
Total	0.78	6.00		
Koyna				
Stage 1-2	1.82	44.80	195	35
Stage 4	0.43	45.43	240	0
Stage 3	0.59	20.73	160	0
Total	2.85	110.96		
Hydro				
KDPH	0.00	0.18	0	0
VTRNA	0.18	3.45	61	0
TILLARI	0.00	0.12	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	3.61	80	0
RNGR+BHTSA	0.36	3.81	15	14
BHANDARDRA	0.35	1.35	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.26	3.05	11	10
GHATGHAR	0.38	1.10	125	0
Total	1.76	16.68		
Wind				
Total	2.54	56.17	0	0
Total	2.54	56.17		
CPP				
APML(Mus)	54.31	611.22	0	0
JSWEL(Mus)	26.51	331.34	0	0
VIPL(Mus)	6.94	106.52	0	0
RPLAMT(Mus)	12.32	158.43	0	0
WPCL(Mus)	2.35	27.24	0	0
Other(Mus)	6.50	82.59	0	0
Total	108.93	1317.34		
SOLAR				
Total	2.41	30.89	0	0
Total	2.41	30.89		
Tata				
Trombay 5	9.51	124.74	487	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.34	20.98	57	55
Trombay 7B	1.08	15.78	46	44
Trombay 8	5.39	70.90	248	200
TATA Hydro	3.62	54.36	459	0
Total	20.95	286.76		
R-INFRA				
DTPS U-1&2	10.59	89.64	502	374
Total	10.59	89.64		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	102.66	1398.06	MSPGCL Total	113.87	1623.08
			MSPGCL Thml+Gas	109.25	1495.44	Koyna 1,2 & 4 Total	2.26	90.23
			MSPGCL Hydro	4.61	127.63	State Total	259.29	3403.88

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 13/Oct/2017

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4012	96	273	4381	50	4466	0	0	5221	5305	-1391	12811	0	12811	2384	15195	49.90
2	4094	181	285	4560	39	4406	0	0	4905	4994	-1132	12867	0	12867	2127	14994	49.93
3	4126	76	275	4477	51	4650	0	0	4747	4703	-1028	12853	0	12853	2026	14879	49.96
4	4123	91	275	4489	72	4707	0	0	4674	4469	-940	12797	0	12797	1938	14735	49.94
5	4129	81	286	4496	78	4708	0	0	4647	4755	-924	13113	0	13113	1922	15035	49.94
6	4144	263	274	4681	94	4701	0	0	5006	5009	-982	13503	0	13503	2010	15513	49.91
7	4191	251	275	4717	102	4679	0	8	5563	5575	-823	14258	0	14258	2125	16383	49.88
8	4164	156	286	4606	91	4643	0	96	5645	5461	-898	13999	0	13999	2338	16337	49.92
9	4278	148	274	4700	29	4659	0	228	5815	5553	-1166	14003	0	14003	2573	16576	49.99
10	4404	161	270	4835	61	4731	0	293	5959	5164	-1558	13526	0	13526	3046	16572	49.99
11	4466	153	268	4887	63	4664	0	344	6134	5495	-1837	13616	0	13616	3243	16859	49.98
12	4457	81	265	4803	65	4646	0	348	6256	5467	-1882	13447	0	13447	3298	16745	49.95
13	4371	80	266	4717	105	4486	0	275	6176	5507	-1987	13103	0	13103	3261	16364	49.93
14	4208	85	265	4558	62	4373	0	290	6090	5575	-1872	12986	0	12986	3082	16068	50.00
15	4161	85	255	4501	85	4296	0	304	6131	5743	-1961	12968	0	12968	3131	16099	49.95
16	4205	80	267	4552	208	4223	0	123	6099	5465	-1986	12585	0	12585	3158	15743	49.95
17	4200	155	279	4634	187	4259	0	73	5339	5266	-1857	12562	0	12562	3117	15679	49.91
18	4459	306	268	5033	187	4627	0	24	5457	4910	-1568	13213	0	13213	3132	16345	49.85
19	4513	706	276	5495	168	4789	0	0	5670	5335	-1368	14419	0	14419	3117	17536	49.88
20	4492	502	276	5270	124	4790	0	0	6102	5620	-1242	14562	0	14562	3036	17598	49.91
21	4461	291	289	5041	147	4728	0	0	5870	5476	-1187	14205	0	14205	2815	17020	49.97
22	4378	163	278	4819	141	4479	0	0	5669	5407	-1141	13705	0	13705	2690	16395	49.97
23	4274	268	278	4820	154	4130	0	0	5282	5434	-1090	13448	0	13448	2554	16002	49.96
24	4353	154	288	4795	176	4090	0	0	5161	5097	-1257	12901	0	12901	2496	15397	49.98
MUs	102.66	4.61	6.59	113.87	2.54	108.93	0.00	2.41	133.62	126.79	-33.08	321.45	0.00	321.45	64.62	386.07	49.94

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/Oct/2017

Position as on 6.30 Hrs of 14/Oct/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	Koradi Unit 9	660	07/09/2017	00.38		Continued.	Coal shortage form 12.09.2017.converted to AOH dt.1.10.2017.	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	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	
RGPPL	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	Bhusawal Unit 3	210	27/08/2017	07.43		Continued.	Coal Shortage From 29.08.2017.	
MSPGCL	Khaparkheda Unit 1	210	08/09/2017	12.23		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	12/09/2017	00.12		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	Khaparkheda Unit 2	210	25/09/2017	06.50	13/10/2017	23.48	Coal Shortage	
MSPGCL	Parli Unit 8	250	03/10/2017	17.00		Continued.	Coal Shortage	
MSPGCL	Uran Unit 7	108	05/10/2017	00.06		Continued.	Gas Turbine Work	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 13/Oct/2017

Position as on 6.30 Hrs of 14/Oct/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit B0	120	05/10/2017	00.11		Continued.	Gas Turbine Work	
IPP	RPL(AMT) U-1	270	06/10/2017	00.45		Continued.	Problem in submerged Scrapper chain	
MSPGCL	Chandrapur Unit 6	500	07/10/2017	00.35	13/10/2017	23.00	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 4	210	08/10/2017	22.57		Continued.	Coal Shortage	
MSPGCL	Paras Unit 3	250	10/10/2017	09.55		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	10/10/2017	13.35	14/10/2017	05.00	Boiler Tube Leakage	
IPP	VIPL U-1	300	11/10/2017	19.12		Continued.	Boiler Tube Leakage	
MSPGCL	Parli Unit 7	250	12/10/2017	00.00		Continued.	ZERO SCHEDULE.	
MSPGCL	Koyna Unit 5	80	12/10/2017	09.20		Continued.	Pressure Shaft Work	
MSPGCL	Koyna Unit 6	75	12/10/2017	09.30		Continued.	Pressure Shaft Work	
IPP	Adani U-5	660	13/10/2017	21.54		Continued.	APHP outlet PA below leakage	

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

Statement-VII

Position as on 6.30 Hrs of 14/Oct/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	11/10/2017	19.34		Continued.	HT	Over Voltage
Koradi Bhilai	InterState	13/10/2017	08.50	13/10/2017	20.37	PO	Line Maintenance work
Ektuni-Bableshwar ckt II	IntraState	06/10/2017	15.03		Continued.	EO	To attend Hot Spot
karad -kolhapur-I	IntraState	12/10/2017	00.30		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	12/10/2017	00.33		Continued.	HT	Over Voltage
Chandrapur - Parli	IntraState	12/10/2017	09.13	13/10/2017	21.08	PO	Line Maintenance work
New Koyna - Dabhol-I	IntraState	12/10/2017	13.43	13/10/2017	10.15	T	Distance Protection
Khadka- Deepnagar Ckt 2	IntraState	12/10/2017	15.11		Continued.	HT	Sparking in Isolator
Girwali - Lonikand 1	IntraState	13/10/2017	10.19	13/10/2017	18.36	PO	Signature Analysis
New Koyna - Dabhol - li	IntraState	13/10/2017	11.19		Continued.	T	Distance protection(RFC 18.10Hrs)
Bhusawal-Aurangabad	IntraState	13/10/2017	20.13		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT I @Babhleshwar	IntraState	10/10/2017	17.43		Continued.	PO	Oil Filtration Work.
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	12/10/2017	17.05	13/10/2017	00.48	T	Winding Temperature High
400/220kv 315 Mva ICT II @Karad	IntraState	13/10/2017	16.05	13/10/2017	19.02	PO	Testing Work
400/220kv 315 Mva ICT I @Karad	IntraState	13/10/2017	23.30	14/10/2017	00.29	T	LBB operated
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	13/10/2017	04.31	13/10/2017	08.35	T	Over Voltage(Tripped at Amona end only)
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.
Pusad - Hingoli	IntraState	11/09/2017	20.06		Continued.	HT	Distance Relay Faulty at pusad end
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
Nanded-Ghatodi	IntraState	09/10/2017	17.25		Continued.	T	Distance Protection
Parli 3 (Old Gcr)-Osmanabad	IntraState	10/10/2017	02.50	10/10/2017	Continued.	T	Bus Bar Protection Operated
New Koyna - Pedambe	IntraState	12/10/2017	08.35	13/10/2017	18.00	HT	Heavy Sparking on Isolator
Pophali - New Koyna	IntraState	12/10/2017	17.05	13/10/2017	15.50	T	Wave Trap Conductor Snapped
Main Bus Section-I@ Pedambe	IntraState	13/10/2017	06.30	13/10/2017	14.05	PO	Routine Maintenance Work
Nashik-Airoli Knowledge Park	IntraState	13/10/2017	09.18	13/10/2017	19.09	PO	Routine Maintenance Work
Padghe - Nalasopara	IntraState	13/10/2017	09.35	13/10/2017	21.14	PO	Line Insulator String replacement work
Malegaon-Sayne	IntraState	13/10/2017	10.08	13/10/2017	18.05	PO	Isolator Maint.work
Bableshwar- Alephata ckt I	IntraState	13/10/2017	10.40	13/10/2017	19.18	PO	NIT Switch replacement work
Raymond - Washala	IntraState	13/10/2017	11.05	13/10/2017	17.30	PO	Testing Work
Trombay - Mulund	IntraState	13/10/2017	12.28	13/10/2017	18.49	PO	Line Maintenance work
Adlabs - Pedambe	IntraState	13/10/2017	15.44	13/10/2017	16.30	T	Distance Protection
Butibori - Wardha	IntraState	13/10/2017	17.15	13/10/2017	17.43	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 13/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 14/Oct/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Parli 3 (Oldgcr)-Harangul Ckt 2	IntraState	13/10/2017	17.24	13/10/2017	18.28	T	Distance Protection
Sadawaghapur Karad Ckt 2	IntraState	13/10/2017	23.30		Continued.	T	B Phase LA Burst at Sadawaghapur
Karad(400kv) - Ogalewadi Ckt 1	IntraState	13/10/2017	23.30	14/10/2017	00.20	T	LBB operated
Karad(400kv) - Ogalewadi Ckt 2	IntraState	13/10/2017	23.30	14/10/2017	00.23	T	LBB operated
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)
220/110kv 100MVA ICT-II @Miraj	IntraState	18/09/2017	11.27		Continued.	PO	Replacement Of Ict-2.
220/33 Kv 100 Mva Bbl Ptr 2 @Valve	IntraState	13/10/2017	10.30	13/10/2017	15.31	PO	Quarterly Maintainance Work
220/132 Kv 200 Mva Vijay Ict 1 @Chalisingaon	IntraState	13/10/2017	13.38	13/10/2017	16.25	PO	Tan Delta Measurment of CTs
132 KV LINE Outages/Trippings							
Padegaon Paithan	IntraState	13/10/2017	01.28	13/10/2017	01.46	T	Distance Protection
Narsi - Degloor	IntraState	13/10/2017	14.20	13/10/2017	19.28	T	Distance Protection