

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Oct/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	105.262	2369.718	1) Gujrat	-1.191	-57.416
2) Hydro	2.486	155.739	2) Madhya Pradesh	9.539	235.818
3) Gas	6.631	150.093	3) Chattisgarh	6.110	140.210
Total MSPGCL	114.379	2675.550	4) Maharashtra Net	95.247	2430.435
B) 1) APML	48.407	988.170	5) Goa (Amona)	0.000	-4.004
2) JSWEL	21.895	518.831	Total	109.705	2745.043
3) VIPL	10.839	192.557	a) Mumbai Schedule	19.691	506.553
4) RPL(AMT)	0.000	193.245	b) Mumbai Drawl	28.761	699.834
5) WPCL	1.257	42.769	c) MSEDCL Bilateral *	30.106	710.411
6) PGPL	0.000	0.000	Include PX	-0.498	44.719
7) Other IPP	5.219	128.833	d) Mumbai Bilateral *	19.691	505.703
C) 1) TPCL Thermal	11.852	292.422	Include PX	1.880	86.528
2) TPCL Hydro	1.749	73.820	Include Standby	0.000	0.850
3) TPCL Gas	2.292	55.482	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.301	167.407	1) MSEDCL	293.756	6928.584
D) STATE			2) Mumbai Discoms	53.955	1288.958
1) Thermal	214.032	4893.952	TOTAL STATE	347.711	8217.542
(A1+C1+C4+(B1-B6))					
2) Hydro	4.235	229.559			
(A2+C2)					
3) Gas	8.923	205.575			
(A3+B6+C3)					
4) Wind	8.501	88.994			
6) SOLAR	2.315	54.426			
TOTAL STATE	238.006	5472.506			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4421	4571	4735	4239
MSPGCL Hydro	246	77	63	67
MSPGCL Gas	270	269	274	277
MSPGCL Total Generation	4937	4917	5072	4583
Central Sector Receipt	5343	5073	4515	3537
WIND	181	147	399	421
CPP / IPP Thermal	3526	3899	4391	3335
CPP / IPP Gas	0	0	0	0
SOLAR	344	301	0	0
Exchange with Mumbai	-1422	-1396	-1274	-997
MSEDCL DEMAND MET	12909	12941	13103	10879
Load Shedding	0	0	0	0
MSEDCL DEMAND	12909	12941	13103	10879
TPCL GENERATION	675	641	771	609
R-INFRA GENERATION	374	374	490	375
MUMBAI DEMAND	2471	2411	2535	1981
STATE DEMAND MET	15380	15352	15638	12860
STATE DEMAND	15380	15352	15638	12860
Frequency (Hz)	49.95	49.99	50.01	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13.00 Hrs	49.83 Hz at 15.25 Hrs	49.97	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 21/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	11.36	223.83	500	425
Unit 9	0.00	0.00	0	0
Unit 10	10.27	216.08	461	320
Total	21.63	439.91		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.04	171.69	500	360
Unit 5	9.02	170.84	475	350
Total	18.05	342.52		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	60.41	0	0
Unit 7	0.00	34.96	0	0
Unit 8	0.00	26.94	0	0
Total	0.00	122.30		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	4.25	58.72	191	162
Unit 5	0.00	182.65	0	0
Unit 6	6.08	107.21	331	0
Unit 7	9.96	198.58	457	360
Unit 8	0.00	157.20	0	0
Unit 9	9.51	169.61	439	350
Total	29.80	873.97		
Paras				
Unit 3	5.23	72.25	250	186
Unit 4	5.24	95.32	250	188
Total	10.46	167.57		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.88	29.41	190	150
Unit 3	0.00	0.00	0	0
Unit 4	3.94	49.27	182	158
Unit 5	9.66	192.47	450	360
Total	17.47	271.14		
Nasik				
Unit 3	3.83	57.74	165	155
Unit 4	4.03	37.73	198	157
Unit 5	0.00	56.82	0	0
Total	7.85	152.30		
Uran				
All Units	6.63	150.09	288	269
Total	6.63	150.09		
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)	0.76	11.94	33	29
Total	0.76	11.94		
Koyna				
Stage 1-2	1.48	57.80	190	40
Stage 4	0.25	46.18	181	0
Stage 3	0.22	24.86	80	0
Total	1.95	128.84		
Hydro				
KDPH	0.00	2.03	0	0
VTRNA	0.00	4.68	0	0
TILLARI	0.00	0.23	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.05	5.03	40	0
RNGR+BHTSA	0.38	6.34	16	15
BHANDARDRA	0.00	1.80	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.05	4.65	2	1
GHATGHAR	0.06	2.13	63	0
Total	0.53	26.90		
Wind				
Total	8.50	88.99	0	0
Total	8.50	88.99		
CPP				
APML(Mus)	48.41	988.17	0	0
JSWEL(Mus)	21.90	518.83	0	0
VIPL(Mus)	10.84	192.56	0	0
RPLAMT(Mus)	0.00	193.24	0	0
WPCL(Mus)	1.26	42.77	0	0
Other(Mus)	5.22	128.83	0	0
Total	87.62	2064.40		
SOLAR				
Total	2.32	54.43	0	0
Total	2.32	54.43		
Tata				
Trombay 5	7.78	181.16	424	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.27	31.36	55	50
Trombay 7B	1.02	24.12	44	40
Trombay 8	4.07	111.26	204	137
TATA Hydro	1.75	73.82	155	0
Total	15.89	421.72		
R-INFRA				
DTPS U-1&2	9.30	167.41	494	374
Total	9.30	167.41		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	105.26	2369.72	MSPGCL Total	114.38	2675.55
			MSPGCL Thml+Gas	111.89	2519.81	Koyna 1,2 & 4 Total	1.73	103.98
			MSPGCL Hydro	2.49	155.74	State Total	238.01	5472.51

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/Oct/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	4258	57	287	4602	406	3396	0	0	4009	3976	-1312	11067	0	11067	2296	13363	49.97
2	4236	62	278	4576	399	3327	0	0	3520	3788	-1130	10960	0	10960	2114	13074	49.98
3	4239	67	277	4583	421	3335	0	0	3442	3537	-997	10879	0	10879	1981	12860	49.98
4	4232	67	287	4586	441	3334	0	0	3531	3609	-911	11059	0	11059	1895	12954	49.95
5	4237	72	278	4587	491	3322	0	0	3919	3988	-883	11504	0	11504	1864	13368	49.94
6	4228	57	277	4562	441	3354	0	0	4358	4699	-929	12127	0	12127	1912	14039	49.94
7	4581	57	288	4926	458	3514	0	4	4869	4953	-967	12888	0	12888	1920	14808	49.99
8	4636	62	277	4975	378	3513	0	53	4879	5060	-989	12990	0	12990	1970	14960	49.93
9	4410	57	276	4743	291	3492	0	167	4778	4991	-1056	12629	0	12629	2087	14716	49.97
10	4208	324	283	4815	234	3437	0	270	4316	4911	-1186	12481	0	12481	2243	14724	49.98
11	4348	190	273	4811	185	3489	0	301	4710	5131	-1340	12577	0	12577	2436	15013	49.99
12	4421	246	270	4937	181	3526	0	344	5007	5343	-1422	12909	0	12909	2471	15380	49.95
13	4511	203	271	4985	174	3663	0	345	4981	5114	-1399	12883	0	12883	2460	15343	49.99
14	4571	77	269	4917	147	3899	0	301	4848	5073	-1396	12941	0	12941	2411	15352	49.99
15	4578	63	270	4911	147	3839	0	226	4874	4803	-1373	12553	0	12553	2397	14950	49.99
16	4606	68	269	4943	175	3769	0	189	4917	4950	-1318	12708	0	12708	2374	15082	49.96
17	4579	58	272	4909	208	3562	0	94	4543	4666	-1300	12139	0	12139	2335	14474	49.94
18	4587	78	272	4937	229	3606	0	21	4029	4339	-1204	11929	0	11929	2304	14233	49.95
19	4842	68	274	5184	391	4259	0	0	4255	4256	-1208	12882	0	12882	2451	15333	49.94
20	4735	63	274	5072	399	4391	0	0	4440	4515	-1274	13103	0	13103	2535	15638	50.01
21	4352	58	284	4694	559	4318	0	0	4248	4586	-1313	12844	0	12844	2371	15215	49.99
22	4137	58	275	4470	568	4177	0	0	4230	4436	-1306	12345	0	12345	2377	14722	49.97
23	3852	207	274	4333	580	3580	0	0	4233	4616	-1289	11821	0	11821	2407	14228	49.92
24	3878	167	276	4321	598	3514	0	0	4060	4366	-1259	11540	0	11540	2344	13884	49.94
MUs	105.26	2.49	6.63	114.38	8.50	87.62	0.00	2.31	105.00	109.71	-28.76	293.76	0.00	293.76	53.95	347.71	49.97

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 21/Oct/2017

Position as on 6.30 Hrs of 22/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								
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	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	Uran Unit 7	108	05/10/2017	00.06		Continued.	Gas Turbine Work	
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. (Coal	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 21/Oct/2017

Position as on 6.30 Hrs of 22/Oct/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							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.	
MSPGCL	Nasik Unit 5	210	14/10/2017	21.05		Continued.	zero schedule by msedcl.	
IPP	RPL(AMT) U-4	270	16/10/2017	14.47		Continued.	Flame Failure Converted into zero schedule.(21.30 hrs. Dt 16-10-2017)	
IPP	RPL(AMT) U-2	270	18/10/2017	02.57		Continued.	zero schedule.	
IPP	Adani U-2	660	18/10/2017	05.58		Continued.	aph support bearing abnormal sound and oil leakage.	
MSPGCL	Parli Unit 8	250	18/10/2017	22.18		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit-8	500	19/10/2017	22.58	22/10/2017	14.18	Turbine oil Leakage	
MSPGCL	Ghatghar Unit-1	125	20/10/2017	00.00	21/10/2017	17.00	PLC G/M Link Fault Troubleshooting experts from Japan	
MSPGCL	Chandrapur Unit 5	500	20/10/2017	18.40		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	21/10/2017	19.25		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 21/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 22/Oct/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							
Chandrapur - Padghe Hvdc Pole 2	IntraState	20/10/2017	21.46	21/10/2017	10.25	HT	Over Voltage
Chandrapur - Padghe Hvdc Pole 1	IntraState	20/10/2017	21.46	21/10/2017	10.25	HT	Over Voltage
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 II	InterState	18/10/2017	17.27		Continued.	HT	Over Voltage
Chandrapur Bhadravati II	InterState	20/10/2017	22.00	21/10/2017	08.15	HT	Over Voltage
Parli(MS)-Parli (PG) II	InterState	21/10/2017	15.05	21/10/2017	18.53	PO	Attending Hot Spot
Kolhapur Solapur (PG) II	InterState	22/10/2017	20.31		Continued.	HT	Over Voltage
Ektuni-Bableshtar ckt II	IntraState	06/10/2017	15.03		Continued.	EO	To attend Hot Spot
Karad-Jaigad - I	IntraState	16/10/2017	18.39		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	17/10/2017	17.28		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	18/10/2017	19.09		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	19/10/2017	15.55	22/10/2017	12.29	HT	Over Voltage
Chandrapur-II - Nanded ckt I	IntraState	20/10/2017	23.57		Continued.	T	Distance Protection (RFC from 21/10/17@ 16:18 hrs.)
Padghe - Kalwa-II	IntraState	22/10/2017	08.29	22/10/2017	18.25	PO	Line reorientation work at padghe.
Lonikand I - Koyna stage-IV	IntraState	22/10/2017	21.36		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.
Tillari Amona	InterState	19/10/2017	00.19		Continued.	T	Over Voltage
Mahalakshmi Amona	InterState	19/10/2017	00.19		Continued.	T	Over Voltage
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
Babhaleshwar-Nagar-I	IntraState	20/10/2017	12.37	21/10/2017	00.09	T	Distance Protection
Ghatghar - Jindal	IntraState	21/10/2017	12.40	21/10/2017	14.18	PO	Annual Maintenance Work
Padghe - Nalasopara	IntraState	21/10/2017	14.07	21/10/2017	15.17	PO	Attending Hot Spot
Shivajinagar-Gangapur	IntraState	22/10/2017	11.17		Continued.	HT	Conductor alarm appears.
Warora - Wardha	IntraState	22/10/2017	20.29	22/10/2017	20.53	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)
220/110kv 100MVA ICT-II @Miraj	IntraState	18/09/2017	11.27		Continued.	PO	Replacement 220/110KV 100MVA ICT 2 by new 220/132-110KV 200MVA ICT
132 KV LINE Outages/Trippings							
Nanded - Umri II	IntraState	21/10/2017	10.37	21/10/2017	12.16	PO	Attending Oil Leakage
Solapur II(Bale)-Naldurg	IntraState	21/10/2017	21.05	22/10/2017	02.04	T	Distance Protection
Beed (220kv) - Georai	IntraState	22/10/2017	04.50	22/10/2017	05.15	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 21/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 22/Oct/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Solapur II(Bale)-Naldurg	IntraState	22/10/2017	19.10	22/10/2017	19.19	T	Backup Protection