

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Oct/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	102.944	2472.662	1) Gujrat	-0.510	-57.926
2) Hydro	2.961	158.700	2) Madhya Pradesh	10.460	246.278
3) Gas	6.594	156.687	3) Chattisgarh	5.960	146.170
Total MSPGCL	112.499	2788.049	4) Maharashtra Net	108.137	2538.572
B) 1) APML	48.483	1036.653	5) Goa (Amona)	0.000	-4.004
2) JSWEL	20.730	539.561	Total	124.047	2869.090
3) VIPL	12.620	205.177	a) Mumbai Schedule	18.076	524.629
4) RPL(AMT)	0.000	193.245	b) Mumbai Drawl	27.509	727.343
5) WPCL	1.736	44.505	c) MSEDCL Bilateral *	34.494	744.905
6) PGPL	0.000	0.000	Include PX	0.000	44.719
7) Other IPP	5.334	134.167	d) Mumbai Bilateral *	18.076	523.779
C) 1) TPCL Thermal	11.745	304.167	Include PX	1.817	88.345
2) TPCL Hydro	1.520	75.340	Include Standby	0.000	0.850
3) TPCL Gas	2.342	57.824	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.590	176.997	1) MSEDCL	310.849	7239.433
D) STATE			2) Mumbai Discoms	52.706	1341.664
1) Thermal	213.182	5107.134	TOTAL STATE	363.555	8581.097
(A1+C1+C4+(B1-B6))					
2) Hydro	4.481	234.040			
(A2+C2)					
3) Gas	8.936	214.511			
(A3+B6+C3)					
4) Wind	10.143	99.137			
6) SOLAR	2.766	57.192			
TOTAL STATE	239.508	5712.014			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4412	4523	4670	3848
MSPGCL Hydro	222	151	288	59
MSPGCL Gas	268	266	273	276
MSPGCL Total Generation	4902	4940	5231	4183
Central Sector Receipt	5837	5799	5233	4345
WIND	249	184	489	638
CPP / IPP Thermal	3867	3931	3925	3285
CPP / IPP Gas	0	0	0	0
SOLAR	409	406	0	0
Exchange with Mumbai	-1209	-1265	-1070	-1038
MSEDCL DEMAND MET	14055	13995	13809	11413
Load Shedding	0	0	0	0
MSEDCL DEMAND	14055	13995	13809	11413
TPCL GENERATION	688	623	922	584
R-INFRA GENERATION	376	376	499	376
MUMBAI DEMAND	2273	2264	2491	1998
STATE DEMAND MET	16328	16259	16300	13411
STATE DEMAND	16328	16259	16300	13411
Frequency (Hz)	50.00	50.00	50.02	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 06.02 Hrs	49.74 Hz at 21.03 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 22/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	10.86	234.69	482	400
Unit 9	0.00	0.00	0	0
Unit 10	9.62	225.70	500	360
Total	20.48	460.40		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	9.98	181.68	500	355
Unit 5	9.93	180.76	500	370
Total	19.92	362.44		
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	4.27	63.00	190	160
Unit 5	0.00	182.65	0	0
Unit 6	0.00	107.21	0	0
Unit 7	10.06	208.64	458	360
Unit 8	1.54	158.73	279	0
Unit 9	9.72	179.33	444	360
Total	25.59	899.56		
Paras				
Unit 3	5.52	77.77	253	185
Unit 4	5.63	100.95	254	189
Total	11.15	178.72		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.03	33.44	190	155
Unit 3	0.00	0.00	0	0
Unit 4	3.83	53.09	164	156
Unit 5	9.99	202.46	450	365
Total	17.85	288.99		
Nasik				
Unit 3	3.81	61.56	167	154
Unit 4	4.14	41.87	201	160
Unit 5	0.00	56.82	0	0
Total	7.96	160.25		
Uran				
All Units	6.59	156.69	288	266
Total	6.59	156.69		
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)	0.40	12.34	33	0
Total	0.40	12.34		
Koyna				
Stage 1-2	1.48	59.28	270	40
Stage 4	0.00	46.18	0	0
Stage 3	0.83	25.69	124	0
Total	2.31	131.15		
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	5.08	40	0
RNGR+BHTSA	0.38	6.72	16	11
BHANDARDRA	0.00	1.80	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.06	4.71	3	2
GHATGHAR	0.17	2.30	125	0
Total	0.65	27.55		
Wind				
Total	10.14	99.14	0	0
Total	10.14	99.14		
CPP				
APML(Mus)	48.48	1036.65	0	0
JSWEL(Mus)	20.73	539.56	0	0
VIPL(Mus)	12.62	205.18	0	0
RPLAMT(Mus)	0.00	193.24	0	0
WPCL(Mus)	1.74	44.50	0	0
Other(Mus)	5.33	134.17	0	0
Total	88.90	2153.31		
SOLAR				
Total	2.77	57.19	0	0
Total	2.77	57.19		
Tata				
Trombay 5	7.68	188.84	474	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.30	32.66	56	53
Trombay 7B	1.04	25.16	45	43
Trombay 8	4.07	115.33	172	167
TATA Hydro	1.52	75.34	246	0
Total	15.61	437.33		
R-INFRA				
DTPS U-1&2	9.59	177.00	499	374
Total	9.59	177.00		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	102.94	2472.66	MSPGCL Total	112.50	2788.05
			MSPGCL Thml+Gas	109.54	2629.35	Koyna 1,2 & 4 Total	1.48	105.46
			MSPGCL Hydro	2.96	158.70	State Total	239.51	5712.01

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	3877	59	275	4211	657	3373	0	0	4228	4257	-1300	11198	0	11198	2259	13457	49.95
2	3896	59	286	4241	683	3307	0	0	4078	4298	-1172	11358	0	11358	2131	13489	49.93
3	3848	59	276	4183	638	3285	0	0	4085	4345	-1038	11413	0	11413	1998	13411	49.92
4	3831	59	278	4168	581	3278	0	0	4413	4461	-962	11525	0	11525	1919	13444	49.98
5	3842	64	287	4193	505	3403	0	0	4491	4593	-924	11770	0	11770	1885	13655	49.97
6	4041	110	278	4429	561	3563	0	0	4705	5168	-963	12759	0	12759	1923	14682	49.97
7	4211	135	278	4624	548	3807	0	6	5434	5135	-964	13156	0	13156	1916	15072	50.01
8	4250	64	288	4602	519	3865	0	73	5383	5486	-993	13552	0	13552	1935	15487	50.00
9	4208	64	275	4547	421	3821	0	205	5146	5271	-1057	13209	0	13209	2011	15220	49.96
10	3941	76	273	4290	433	3619	0	300	5233	5403	-1133	12912	0	12912	2107	15019	49.93
11	4011	312	271	4594	252	3634	0	376	5205	5724	-1172	13409	0	13409	2195	15604	49.96
12	4412	222	268	4902	249	3867	0	409	5499	5837	-1209	14055	0	14055	2273	16328	50.00
13	4523	151	266	4940	184	3931	0	406	5732	5799	-1265	13995	0	13995	2264	16259	50.00
14	4526	143	266	4935	255	3934	0	350	5570	5752	-1267	13959	0	13959	2230	16189	50.02
15	4465	138	267	4870	299	3929	0	291	5646	5738	-1275	13852	0	13852	2253	16105	50.01
16	4598	144	268	5010	320	3905	0	222	5526	5666	-1218	13904	0	13904	2245	16149	49.98
17	4725	96	269	5090	268	3887	0	104	5415	5349	-1076	13621	0	13621	2207	15828	49.94
18	4626	68	271	4965	256	3869	0	24	5085	5025	-1118	13021	0	13021	2203	15224	49.94
19	4529	336	271	5136	330	3907	0	0	5201	5353	-1089	13637	0	13637	2450	16087	49.97
20	4670	288	273	5231	489	3925	0	0	5378	5233	-1070	13809	0	13809	2491	16300	50.02
21	4515	125	273	4913	536	3857	0	0	5430	5028	-1285	13049	0	13049	2542	15591	49.97
22	4392	63	275	4730	471	3740	0	0	5220	5095	-1315	12721	0	12721	2429	15150	49.96
23	4470	58	285	4813	283	3633	0	0	4987	5076	-1317	12489	0	12489	2489	14978	49.97
24	4537	68	277	4882	405	3564	0	0	5000	4953	-1327	12476	0	12476	2351	14827	49.99
MUs	102.94	2.96	6.59	112.50	10.14	88.90	0.00	2.77	122.09	124.05	-27.51	310.85	0.00	310.85	52.71	363.56	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 22/Oct/2017

Position as on 6.30 Hrs of 23/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 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	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 22/Oct/2017

Position as on 6.30 Hrs of 23/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	23/10/2017	03.34	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	23/10/2017	06.03	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit-8	500	19/10/2017	22.58	22/10/2017	14.18	Turbine oil Leakage	
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 22/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 23/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 II	InterState	18/10/2017	17.27	23/10/2017	06.56	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	22/10/2017	20.31		Continued.	HT	Over Voltage
Ektuni-Bableshwar 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	23/10/2017	06.32	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 padgha.
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
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							
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
Solapur II(Bale)-Naldurg	IntraState	22/10/2017	19.10	22/10/2017	19.19	T	Backup Protection

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