

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 20/Oct/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	110.342	2264.456	1) Gujrat	-1.881	-56.225
2) Hydro	2.005	153.253	2) Madhya Pradesh	8.559	226.279
3) Gas	6.650	143.462	3) Chattisgarh	6.580	134.100
Total MSPGCL	118.997	2561.171	4) Maharashtra Net	91.201	2335.188
B) 1) APML	45.877	939.763	5) Goa (Amona)	0.000	-4.004
2) JSWEL	20.554	496.936	Total	104.459	2635.338
3) VIPL	10.328	181.718	a) Mumbai Schedule	18.075	486.862
4) RPL(AMT)	0.000	193.245	b) Mumbai Drawl	30.206	671.073
5) WPCL	1.515	41.512	c) MSEDCL Bilateral *	26.664	680.306
6) PGPL	0.000	0.000	Include PX	-3.551	45.218
7) Other IPP	5.567	123.614	d) Mumbai Bilateral *	18.075	486.012
C) 1) TPCL Thermal	12.231	280.570	Include PX	1.922	84.648
2) TPCL Hydro	0.294	72.071	Include Standby	0.000	0.850
3) TPCL Gas	2.176	53.190	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	8.994	158.106	1) MSEDCL	284.109	6634.828
D) STATE			2) Mumbai Discoms	53.897	1235.003
1) Thermal	215.408	4679.920	TOTAL STATE	338.006	7869.831
(A1+C1+C4+(B1-B6))					
2) Hydro	2.299	225.324			
(A2+C2)					
3) Gas	8.826	196.652			
(A3+B6+C3)					
4) Wind	4.024	80.493			
6) SOLAR	2.994	52.111			
TOTAL STATE	233.551	5234.500			

* 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	4604	4591	4677	4605
MSPGCL Hydro	103	78	62	57
MSPGCL Gas	269	266	273	289
MSPGCL Total Generation	4976	4935	5012	4951
Central Sector Receipt	4935	4876	4743	3354
WIND	62	70	320	109
CPP / IPP Thermal	3463	3461	3979	3411
CPP / IPP Gas	0	0	0	0
SOLAR	456	442	0	0
Exchange with Mumbai	-1405	-1410	-1467	-1022
MSEDCL DEMAND MET	12487	12374	12587	10803
Load Shedding	0	0	0	0
MSEDCL DEMAND	12487	12374	12587	10803
TPCL GENERATION	619	613	673	595
R-INFRA GENERATION	375	375	375	374
MUMBAI DEMAND	2399	2398	2515	1991
STATE DEMAND MET	14886	14772	15102	12794
STATE DEMAND	14886	14772	15102	12794
Frequency (Hz)	49.98	50.00	49.90	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 14.01 Hrs	49.72 Hz at 19.34 Hrs	49.98	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 20/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	10.56	212.47	463	350
Unit 9	0.00	0.00	0	0
Unit 10	11.10	205.82	497	430
Total	21.66	418.28		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	8.80	162.66	380	360
Unit 5	8.92	161.82	380	360
Total	17.72	324.48		
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	4.07	54.47	190	161
Unit 5	6.70	182.65	370	0
Unit 6	8.03	101.14	355	319
Unit 7	9.20	188.62	450	361
Unit 8	0.00	157.20	0	0
Unit 9	9.16	160.10	491	355
Total	37.17	844.18		
Paras				
Unit 3	4.60	67.03	247	172
Unit 4	4.78	90.08	248	182
Total	9.38	157.10		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.82	25.54	160	140
Unit 3	0.00	0.00	0	0
Unit 4	3.81	45.33	170	150
Unit 5	8.99	182.81	450	360
Total	16.62	253.68		
Nasik				
Unit 3	3.86	53.92	165	155
Unit 4	3.93	33.70	173	156
Unit 5	0.00	56.82	0	0
Total	7.79	144.44		
Uran				
All Units	6.65	143.46	293	266
Total	6.65	143.46		
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	11.18	34	24
Total	0.76	11.18		
Koyna				
Stage 1-2	1.30	56.32	105	40
Stage 4	0.00	45.92	0	0
Stage 3	0.24	24.64	80	0
Total	1.54	126.89		
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	4.98	30	0
RNGR+BHTSA	0.38	5.97	16	15
BHANDARDRA	0.00	1.80	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.04	4.61	2	1
GHATGHAR	0.00	2.07	0	0
Total	0.47	26.37		
Wind				
Total	4.02	80.49	0	0
Total	4.02	80.49		
CPP				
APML(Mus)	45.88	939.76	0	0
JSWEL(Mus)	20.55	496.94	0	0
VIPL(Mus)	10.33	181.72	0	0
RPLAMT(Mus)	0.00	193.24	0	0
WPCL(Mus)	1.52	41.51	0	0
Other(Mus)	5.57	123.61	0	0
Total	83.84	1976.79		
SOLAR				
Total	2.99	52.11	0	0
Total	2.99	52.11		
Tata				
Trombay 5	7.40	173.38	317	293
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.20	30.09	51	50
Trombay 7B	0.98	23.10	41	40
Trombay 8	4.83	107.19	212	196
TATA Hydro	0.29	72.07	76	0
Total	14.70	405.83		
R-INFRA				
DTPS U-1&2	8.99	158.11	375	374
Total	8.99	158.11		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	110.34	2264.46	MSPGCL Total	119.00	2561.17
			MSPGCL Thml+Gas	116.99	2407.92	Koyna 1,2 & 4 Total	1.30	102.24
			MSPGCL Hydro	2.00	153.25	State Total	233.55	5234.50

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 20/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	4636	67	276	4979	122	3510	0	0	3383	3417	-1358	10670	0	10670	2328	12998	49.96
2	4621	62	278	4961	135	3415	0	0	3322	3434	-1167	10778	0	10778	2137	12915	49.96
3	4605	57	289	4951	109	3411	0	0	3307	3354	-1022	10803	0	10803	1991	12794	50.00
4	4631	57	280	4968	105	3373	0	0	3351	3383	-934	10895	0	10895	1903	12798	49.96
5	4598	62	290	4950	99	3390	0	0	3696	3702	-901	11240	0	11240	1872	13112	49.96
6	4599	136	280	5015	105	3400	0	0	4325	4439	-962	11997	0	11997	1930	13927	49.92
7	4596	188	293	5077	137	3373	0	8	4922	5005	-974	12626	0	12626	1942	14568	49.98
8	4618	188	283	5089	93	3353	0	87	4970	5032	-1000	12654	0	12654	1972	14626	49.98
9	4644	132	292	5068	64	3339	0	230	4705	4631	-1099	12233	0	12233	2074	14307	50.02
10	4626	78	279	4983	36	3344	0	323	4317	4484	-1272	11898	0	11898	2246	14144	49.98
11	4593	128	274	4995	34	3364	0	387	4582	4626	-1371	12035	0	12035	2346	14381	49.95
12	4604	103	269	4976	62	3463	0	456	4818	4935	-1405	12487	0	12487	2399	14886	49.98
13	4591	78	266	4935	70	3461	0	442	4973	4876	-1410	12374	0	12374	2398	14772	50.00
14	4607	83	266	4956	86	3409	0	401	4705	4741	-1366	12227	0	12227	2336	14563	50.01
15	4573	58	268	4899	111	3417	0	317	4668	4775	-1379	12140	0	12140	2348	14488	50.03
16	4604	57	267	4928	127	3367	0	218	4804	4560	-1335	11865	0	11865	2313	14178	49.96
17	4638	57	269	4964	128	3354	0	103	4434	4554	-1289	11814	0	11814	2270	14084	49.98
18	4631	57	272	4960	175	3427	0	21	4159	4175	-1270	11488	0	11488	2251	13739	50.00
19	4566	57	273	4896	296	3706	0	1	4845	4982	-1408	12473	0	12473	2426	14899	49.97
20	4677	62	273	5012	320	3979	0	0	4804	4743	-1467	12587	0	12587	2515	15102	49.90
21	4730	62	275	5067	358	3874	0	0	4605	4438	-1481	12256	0	12256	2539	14795	50.02
22	4599	62	285	4946	398	3780	0	0	4077	4183	-1498	11809	0	11809	2496	14305	50.02
23	4578	57	277	4912	428	3718	0	0	3917	3991	-1466	11583	0	11583	2450	14033	50.00
24	4177	57	276	4510	426	3615	0	0	3644	3999	-1372	11178	0	11178	2419	13597	49.98
MUs	110.34	2.01	6.65	119.00	4.02	83.84	0.00	2.99	103.33	104.46	-30.21	284.11	0.00	284.11	53.90	338.01	49.98

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 20/Oct/2017

Position as on 6.30 Hrs of 21/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	Khaparkhedha Unit 1	210	08/09/2017	12.23		Continued.	Coal Shortage	
MSPGCL	Khaparkhedha Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Chandrapur 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 20/Oct/2017

Position as on 6.30 Hrs of 21/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		Continued.	Turbine oil Leakage	
MSPGCL	Ghatghar Unit-1	125	20/10/2017	00.00		Continued.	PLC G/M Link Fault Troubleshooting experts from Japan	
MSPGCL	Chandrapur Unit 5	500	20/10/2017	18.40		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 20/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 21/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		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	19/10/2017	01.53	20/10/2017	11.09	T	Over Voltage
Chandrapur Bhadravati II	InterState	20/10/2017	22.00		Continued.	HT	Over Voltage
Koradi Satpur	InterState	20/10/2017	22.30	20/10/2017	23.30	T	Distance Protection
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
Nagothane - Dabhol I	IntraState	19/10/2017	14.38	20/10/2017	19.22	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	19/10/2017	15.55		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt I	IntraState	20/10/2017	23.57		Continued.	T	Distance Protection
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	19/10/2017	00.19		Continued.	T	Over Voltage
Tillari 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 - Degaon Rangari	IntraState	20/10/2017	10.25	20/10/2017	14.47	EO	To attend Hot Spot
Ranjangaon-Fiat 1	IntraState	20/10/2017	12.30	20/10/2017	16.30	PO	Tan Delta Measurment of CTs
Babhaleshwar-Nagar-I	IntraState	20/10/2017	12.37	21/10/2017	00.09	T	Distance Protection
Parli 3 (Old Gcr)-Osmanabad	IntraState	20/10/2017	21.48	20/10/2017	22.47	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

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