

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Oct/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	124.578	2732.436	1) Gujrat	-0.810	45.333
2) Hydro	12.602	246.502	2) Madhya Pradesh	17.374	447.830
3) Gas	6.650	147.168	3) Chattisgarh	7.450	157.560
Total MSPGCL	143.830	3126.106	4) Maharashtra Net	170.467	3540.664
B) 1) APML	75.788	1449.515	5) Goa (Amona)	-0.220	-5.698
2) JSWEL	28.893	607.550	Total	194.261	4185.689
3) VIPL	4.392	170.526	a) Mumbai Schedule	26.825	626.767
4) RPL(AMT)	6.500	141.636	b) Mumbai Drawl	30.671	679.513
5) WPCL	4.480	104.946	c) MSEDCL Bilateral *	78.876	1781.739
6) PGPL	0.000	0.000	Include PX	42.522	1048.271
7) Other IPP	7.828	157.529	d) Mumbai Bilateral *	26.754	624.811
C) 1) TPCL Thermal	16.807	349.021	Include PX	12.486	242.782
2) TPCL Hydro	5.558	94.209	Include Standby	0.071	1.956
3) TPCL Gas	4.348	95.786	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.983	256.559	1) MSEDCL	444.600	9547.389
D) STATE			2) Mumbai Discoms	69.367	1475.091
1) Thermal	281.249	5969.718	TOTAL STATE	513.967	11022.480
(A1+C1+C4+(B1-B6))					
2) Hydro	18.160	340.711			
(A2+C2)					
3) Gas	10.998	242.954			
(A3+B6+C3)					
4) Wind	3.620	159.955			
6) SOLAR	5.679	123.450			
TOTAL STATE	319.706	6836.788			

* 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 23 Hrs
MSPGCL Thermal	5271	5318	5395	4922
MSPGCL Hydro	820	513	374	665
MSPGCL Gas	266	252	272	290
MSPGCL Total Generation	6357	6083	6041	5877
Central Sector Receipt	9517	9510	7561	6645
WIND	203	194	269	114
CPP / IPP Thermal	5315	5310	5354	5340
CPP / IPP Gas	0	0	0	0
SOLAR	819	839	0	0
Exchange with Mumbai	-1581	-1595	-1383	-1404
MSEDCL DEMAND MET	20630	20341	17842	16572
Load Shedding	950	1196	311	92
MSEDCL DEMAND	21580	21537	18153	16664
TPCL GENERATION	1302	1289	1341	1005
R-INFRA GENERATION	499	501	498	501
MUMBAI DEMAND	3382	3385	3222	2910
STATE DEMAND MET	24012	23726	21064	19482
STATE DEMAND	24962	24922	21375	19574
Frequency (Hz)	49.93	49.92	49.95	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 13.01 Hrs	49.69 Hz at 16.42 Hrs	49.92	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/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	6.35	0	0
Unit 7	0.00	0.00	0	0
Unit 8	5.16	85.84	281	108
Unit 9	6.24	217.03	282	224
Unit 10	6.19	112.41	280	210
Total	17.59	421.64		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.34	191.28	505	330
Unit 5	9.36	120.04	500	0
Total	19.70	311.33		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.12	94.15	249	190
Unit 7	0.00	77.02	0	0
Unit 8	4.90	14.00	233	187
Total	10.02	185.17		
Chandrapur				
Unit 3	0.00	1.50	0	0
Unit 4	4.26	91.67	186	165
Unit 5	0.00	170.45	0	0
Unit 6	9.90	193.79	437	390
Unit 7	9.38	195.23	435	330
Unit 8	10.79	218.94	460	430
Unit 9	10.69	217.20	462	427
Total	45.02	1088.78		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.74	126.30	248	230
Total	5.74	126.30		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.34	59.24	170	85
Unit 3	3.78	74.78	170	146
Unit 4	3.73	79.68	160	143
Unit 5	10.22	226.79	450	390
Total	21.06	440.49		
Nasik				
Unit 3	0.00	76.31	0	0
Unit 4	1.71	74.64	160	52
Unit 5	3.75	7.79	167	111
Total	5.46	158.74		
Uran				
All Units	6.65	147.17	293	250
Total	6.65	147.17		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.68	15.49	37	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.68	15.49		
Koyna				
Stage 1-2	4.54	75.24	375	40
Stage 4	4.04	92.34	628	0
Stage 3	1.76	37.29	160	0
Total	10.35	204.87		
Hydro				
KDPH	0.89	10.68	37	37
VTRNA	0.00	0.36	0	0
TILLARI	0.00	1.89	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	5.04	66	0
RNGR+BHTSA	0.40	8.46	17	16
BHANDARDRA	0.34	5.62	14	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.28	5.70	21	9
GHATGHAR	0.17	3.88	100	0
Total	2.26	41.63		
Wind				
Total	3.62	159.96	0	0
Total	3.62	159.96		
CPP				
APML(Mus)	75.79	1449.52	0	0
JSWEL(Mus)	28.89	607.55	0	0
VIPL(Mus)	4.39	170.53	0	0
RPLAMT(Mus)	6.50	141.64	0	0
WPCL(Mus)	4.48	104.95	0	0
Other(Mus)	7.83	157.53	0	0
Total	127.88	2631.70		
SOLAR				
Total	5.68	123.45	0	0
Total	5.68	123.45		
Tata				
Trombay 5	11.28	228.68	478	462
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	60.72	116	112
Trombay 7B	1.59	35.07	67	65
Trombay 8	5.52	120.34	234	225
TATA Hydro	5.56	94.21	459	12
Total	26.71	539.02		
R-INFRA				
DTPS U-1&2	11.98	256.56	501	497
Total	11.98	256.56		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	124.58	2732.44	MSPGCL Total	143.83	3126.11
			MSPGCL Thml+Gas	131.23	2879.60	Koyna 1,2 & 4 Total	8.58	167.58
			MSPGCL Hydro	12.60	246.50	State Total	319.71	6836.79

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/Oct/2018

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	5100	473	278	5851	148	5301	0	0	6858	6847	-1213	16934	330	17264	2646	19910	49.89
2	5123	395	290	5808	110	5312	0	0	7159	7003	-994	17239	332	17571	2436	20007	49.90
3	5116	118	282	5516	92	5317	0	0	7545	7756	-878	17803	332	18135	2284	20419	49.98
4	5128	118	292	5538	86	5300	0	0	7583	7814	-812	17926	332	18258	2185	20443	49.96
5	5121	373	293	5787	92	5309	0	0	7694	7897	-780	18305	332	18637	2154	20791	49.94
6	5106	286	281	5673	106	5296	0	0	8260	7969	-826	18218	869	19087	2201	21288	49.87
7	5089	138	291	5518	116	5325	0	12	8409	8017	-928	18060	1548	19608	2303	21911	49.87
8	5101	383	285	5769	108	5322	0	169	7771	7923	-1056	18235	1631	19866	2440	22306	49.93
9	5015	596	293	5904	123	5330	0	378	7907	8088	-1205	18618	1150	19768	2733	22501	49.88
10	5026	836	289	6151	142	5397	0	589	8360	8780	-1337	19722	864	20586	3084	23670	49.90
11	5156	1138	274	6568	187	5335	0	754	9008	9089	-1427	20506	695	21201	3253	24454	49.96
12	5271	820	266	6357	203	5315	0	819	9478	9517	-1581	20630	950	21580	3382	24962	49.93
13	5318	513	252	6083	194	5310	0	839	9369	9510	-1595	20341	1196	21537	3385	24922	49.92
14	5398	161	262	5821	177	5314	0	772	9235	9749	-1491	20342	1173	21515	3337	24852	49.96
15	5340	511	260	6111	174	5346	0	639	9279	9784	-1567	20487	810	21297	3416	24713	49.86
16	5347	826	250	6423	188	5369	0	464	9282	9414	-1620	20238	608	20846	3467	24313	49.84
17	5329	742	261	6332	163	5353	0	210	8725	8756	-1531	19283	577	19860	3376	23236	49.81
18	5329	679	265	6273	198	5334	0	34	7751	7723	-1410	18152	559	18711	3261	21972	49.85
19	5395	374	272	6041	269	5354	0	0	7410	7561	-1383	17842	311	18153	3222	21375	49.95
20	5400	738	277	6415	193	5345	0	0	7272	7263	-1369	17847	140	17987	3119	21106	49.98
21	5344	403	286	6033	141	5335	0	0	7134	7247	-1413	17343	134	17477	2996	20473	49.98
22	5346	410	280	6036	144	5322	0	0	6915	6959	-1402	17059	107	17166	2892	20058	50.00
23	4922	665	290	5877	114	5340	0	0	6819	6645	-1404	16572	92	16664	2910	19574	49.90
24	4758	906	281	5945	152	5296	0	0	6987	6950	-1449	16894	90	16984	2885	19869	49.93
MUs	124.58	12.60	6.65	143.83	3.62	127.88	0.00	5.68	192.21	194.26	-30.67	444.60	15.16	459.76	69.37	529.13	49.92

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/2018

Position as on 6.30 Hrs of 23/Oct/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
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	
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	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	Coal Swapping IEPL	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
MSPGCL	Koradi Unit 7	210	03/08/2018	15.54		Continued.	Poor Coal Receipt.	
MSPGCL	Khaparkheda Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit 8	108	08/09/2018	22.08		Continued.	Withdrawn due to B0 & U-7	
MSPGCL	Paras Unit 3	250	15/09/2018	00.55		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	20/09/2018	00.01		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-5	270	21/09/2018	00.05		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-1	270	22/09/2018	00.00		Continued.	Poor Coal Receipt	
IPP	RPL(AMT) U-3	270	25/09/2018	0.00		Continued.	Poor Coal Receipt	
MSPGCL	Chandrapur Unit 3	210	01/10/2018	08.48		Continued.	Condenser Tube Leakage.	
MSPGCL	Parli Unit 7	250	19/10/2018	00.23		Continued.	Poor Coal Receipt.	
MSPGCL	Nasik Unit 4	210	20/10/2018	05.47	22/10/2018	12.00	Boiler Tube Leakage	
MSPGCL	Koradi Unit 6	210	20/10/2018	05.48		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	20/10/2018	22.30		Continued.	Poor Coal Receipt	
MSPGCL	Nasik Unit 3	210	21/10/2018	11.58		Continued.	Coal Swapping With DIL	
MSPGCL	Bhusawal Unit 5	500	22/10/2018	22.13	23/10/2018	00.30	Flame Failure	
CPP	SWPGL U-4	135	23/10/2018	06.45	23/10/2018	07.56	Flame Failure	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 23/Oct/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV ICT Outages/Trippings							
765/400KV 1500MVA ICT II @ Ektuni	IntraState	23/10/2018	11.02	23/10/2018	13.45	PO	Routine Maintenance Work(Main Bay 713)
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	20/10/2018	17.58	22/10/2018	06.07	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	22/10/2018	18.10	23/10/2018	07.24	HT	Over Voltage
Padgha Tarapur I	InterState	23/10/2018	09.05		Continued.	PO	Annual Maintenance Work
Alkud-Solapur(PG)	InterState	23/10/2018	11.20	23/10/2018	16.41	PO	Quarterly Maintenance Work
Dhule Sar'Sarovar I	InterState	23/10/2018	17.23		Continued.	HT	Over Voltage
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Khadka-Aurangabad (Waluj)	IntraState	21/10/2018	17.54	22/10/2018	02.52	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	22/10/2018	20.02	23/10/2018	06.03	HT	Over Voltage
Bableshwar- Aurangabad (Waluj)	IntraState	23/10/2018	12.27	23/10/2018	17.22	EO	to attend red hot spot on the R PH , 29 A isolator , Hanger (corona ring)
Bhusawal-Aurangabad	IntraState	23/10/2018	20.00		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33kV 500MVA ICT 5 @ Padghe	IntraState	23/10/2018	23.45		Continued.	EO	To attend red hot spot on B-Bus B-ph isolator of 500 MVA 400/220KV ICT-5 on 220KV side.
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.
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	For Bunching Of Conductor at Loc No.86 Disconnecting Of jumper at Loc No.86 to 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To control line loading.
Kalwa 52B Interconnector CB	IntraState	16/10/2018	08.28		Continued.	HT	Interconnector open.
Nerul-Trombay	IntraState	19/10/2018	13.13		Continued.	PO	Conductor Replacement Work.continuous Upto
Kadegaon-Miraj	IntraState	22/10/2018	09.30	22/10/2018	13.32	PO	Replacement of Jumper
Talandge-Hamidwada	IntraState	22/10/2018	10.07	22/10/2018	13.25	PO	SCADA work
Kalwa Salsette III	IntraState	22/10/2018	10.41	22/10/2018	14.56	T	Distance Protection, Zone-1,RY-E,IA-12.2KAMP, D-6.8KM
Kolhapur-Bidri	IntraState	22/10/2018	11.28	22/10/2018	14.04	PO	Testing Work
Kalwa-TIFIL	IntraState	22/10/2018	12.25	22/10/2018	15.15	PO	Emergency outage
Bapgaon - Kalwa	IntraState	22/10/2018	12.25	22/10/2018	14.39	T	Distance Protection
Ghatghar - Bapgaon	IntraState	22/10/2018	12.25	22/10/2018	13.04	T	Distance Protection
Shirsuphal-Kurkumbh	IntraState	22/10/2018	12.50	22/10/2018	16.35	PO	Restranging work
Hamidwada-Mumewadi	IntraState	22/10/2018	13.30	22/10/2018	15.37	PO	Testing Work
Vita - Mhaishal	IntraState	22/10/2018	13.48	22/10/2018	15.32	PO	Tan Delta Measurment of CTs
TOPWORTH VILEBHAGAD	IntraState	22/10/2018	14.30	23/10/2018	16.55	PO	CB Problem At Topworth.
Eklahare (Gcr) - Ghatghar	IntraState	22/10/2018	15.19		Continued.	PO	Routine Maintenance Work

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 22/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 23/Oct/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kharghar-Borivali ckt I	IntraState	23/10/2018	06.04	23/10/2018	09.09	PO	Repair of sleeves & maintainance
Alkud Miraj	IntraState	23/10/2018	08.26	23/10/2018	12.40	EO	Hot Spot And Crimping Work.
Chandrapur GCR - Warora - I	IntraState	23/10/2018	09.14	23/10/2018	13.49	PO	Quarterly Maintainance Work
Mumewadi -Halkarni II	IntraState	23/10/2018	10.10	23/10/2018	12.38	PO	Replacement Of Insulator At LOC No.15
satara MIDC- Malharpeth	IntraState	23/10/2018	10.19	23/10/2018	15.17	PO	Quarterly Maintainance Work
Peth- Mudshingi -I	IntraState	23/10/2018	10.21	23/10/2018	13.34	PO	Quarterly Maintainance Work
Kalwa-TIFIL	IntraState	23/10/2018	14.14	23/10/2018	17.16	EO	Replacement Of CB Contactor/CB Lock Out Problem.
Boisar Versova Line	IntraState	23/10/2018	23.43		Continued.	EO	Attending Hot Spot At Tower No.SS277.
Bapgaon - Kalwa	IntraState	23/10/2018	23.45		Continued.	EO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/33kV 100 MVA Transformer 3 @Versova R/S	IntraState	22/10/2018	10.29	22/10/2018	20.01	PO	Attending Oil Leakage
220/100 Kv 200 Mva Vijai Ict 3 @Padghe	IntraState	22/10/2018	11.43	22/10/2018	13.35	EO	Relay replacement work

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