

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Oct/2018 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.499	2858.935	1) Gujrat	-0.060	45.273
2) Hydro	4.892	251.394	2) Madhya Pradesh	18.955	466.785
3) Gas	6.729	153.897	3) Chattisgarh	7.610	165.170
Total MSPGCL	138.120	3264.226	4) Maharashtra Net	172.333	3712.997
B) 1) APML	75.850	1525.365	5) Goa (Amona)	-0.286	-5.984
2) JSWEL	28.228	635.778	Total	198.552	4384.241
3) VIPL	4.390	174.916	a) Mumbai Schedule	27.930	654.697
4) RPL(AMT)	6.502	148.138	b) Mumbai Drawl	30.147	709.660
5) WPCL	4.951	109.897	c) MSEDCL Bilateral *	84.618	1866.358
6) PGPL	0.000	0.000	Include PX	48.836	1097.107
7) Other IPP	8.358	165.887	d) Mumbai Bilateral *	27.930	652.741
C) 1) TPCL Thermal	16.550	365.571	Include PX	14.029	256.811
2) TPCL Hydro	4.336	98.545	Include Standby	0.000	1.956
3) TPCL Gas	4.347	100.133	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.518	268.077	1) MSEDCL	446.505	9993.894
D) STATE			2) Mumbai Discoms	66.898	1541.989
1) Thermal	282.846	6252.564	TOTAL STATE	513.403	11535.883
(A1+C1+C4+(B1-B6))					
2) Hydro	9.228	349.939			
(A2+C2)					
3) Gas	11.076	254.030			
(A3+B6+C3)					
4) Wind	5.944	165.899			
6) SOLAR	5.757	129.207			
TOTAL STATE	314.851	7151.639			

* 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 24 Hrs
MSPGCL Thermal	5334	5289	5505	5478
MSPGCL Hydro	533	237	211	116
MSPGCL Gas	267	264	272	287
MSPGCL Total Generation	6134	5790	5988	5881
Central Sector Receipt	9723	9711	7216	6822
WIND	195	226	519	206
CPP / IPP Thermal	5385	5378	5412	5241
CPP / IPP Gas	0	0	0	0
SOLAR	806	837	0	0
Exchange with Mumbai	-1498	-1485	-1346	-1537
MSEDCL DEMAND MET	20745	20457	17789	16613
Load Shedding	862	1091	314	25
MSEDCL DEMAND	21607	21548	18103	16638
TPCL GENERATION	1316	1275	1308	728
R-INFRA GENERATION	501	501	484	375
MUMBAI DEMAND	3315	3261	3138	2640
STATE DEMAND MET	24060	23718	20927	19253
STATE DEMAND	24922	24809	21241	19278
Frequency (Hz)	49.97	49.96	49.95	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 12:01 Hrs	49.72 Hz at 17:24 Hrs	49.95	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 23/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	4.36	90.20	281	113
Unit 9	6.67	223.70	362	189
Unit 10	6.13	118.54	291	250
Total	17.16	438.79		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.36	201.64	475	320
Unit 5	9.33	129.37	450	80
Total	19.68	331.01		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.64	99.79	250	204
Unit 7	0.00	77.02	0	0
Unit 8	5.20	19.20	235	192
Total	10.84	196.01		
Chandrapur				
Unit 3	0.00	1.50	0	0
Unit 4	4.11	95.78	183	158
Unit 5	0.00	170.45	0	0
Unit 6	9.95	203.74	430	395
Unit 7	9.44	204.67	418	364
Unit 8	10.62	229.56	450	423
Unit 9	10.47	227.66	461	395
Total	44.59	1133.36		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.36	131.65	235	210
Total	5.36	131.65		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.08	62.32	170	80
Unit 3	3.97	78.75	175	155
Unit 4	3.83	83.50	170	150
Unit 5	10.07	236.86	450	379
Total	20.95	461.44		
Nasik				
Unit 3	0.00	76.31	0	0
Unit 4	4.04	78.68	180	158
Unit 5	3.88	11.67	178	144
Total	7.93	166.66		
Uran				
All Units	6.73	153.90	298	252
Total	6.73	153.90		
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)	0.19	15.68	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.19	15.68		
Koyna				
Stage 1-2	1.52	76.77	200	40
Stage 4	0.95	93.29	409	0
Stage 3	0.26	37.55	80	0
Total	2.74	207.61		
Hydro				
KDPH	0.89	11.57	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.	0.25	5.29	80	0
RNGR+BHTSA	0.40	8.85	17	16
BHANDARDRA	0.34	5.96	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.28	5.99	21	9
GHATGHAR	0.00	3.88	0	0
Total	2.15	43.78		
Wind				
Total	5.94	165.90	0	0
Total	5.94	165.90		
CPP				
APML(Mus)	75.85	1525.36	0	0
JSWEL(Mus)	28.23	635.78	0	0
VIPL(Mus)	4.39	174.92	0	0
RPLAMT(Mus)	6.50	148.14	0	0
WPCL(Mus)	4.95	109.90	0	0
Other(Mus)	8.36	165.89	0	0
Total	128.28	2759.98		
SOLAR				
Total	5.76	129.21	0	0
Total	5.76	129.21		
Tata				
Trombay 5	11.06	239.74	476	317
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	63.48	116	114
Trombay 7B	1.59	36.66	67	65
Trombay 8	5.49	125.83	234	219
TATA Hydro	4.34	98.54	433	0
Total	25.23	564.25		
R-INFRA				
DTPS U-1&2	11.52	268.08	502	375
Total	11.52	268.08		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.50	2858.94	MSPGCL Total	138.12	3264.23
			MSPGCL Thml+Gas	133.23	3012.83	Koyna 1,2 & 4 Total	2.48	170.06
			MSPGCL Hydro	4.89	251.39	State Total	314.85	7151.64

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/Oct/2018

Annexure-2

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	4875	678	293	5846	189	5348	0	0	7448	7124	-1309	17198	247	17445	2691	20136	49.90
2	5045	411	283	5739	167	5313	0	0	7604	7735	-1063	17891	274	18165	2441	20606	49.91
3	5115	198	295	5608	172	5328	0	0	7934	8010	-891	18227	274	18501	2268	20769	49.94
4	5076	185	296	5557	193	5332	0	0	7874	8261	-761	18582	274	18856	2146	21002	49.96
5	4920	133	287	5340	181	5340	0	0	8089	8156	-705	18312	274	18586	2093	20679	49.90
6	4982	148	298	5428	221	5333	0	0	8609	8411	-751	18642	781	19423	2132	21555	49.90
7	4885	118	297	5300	204	5359	0	19	8747	8649	-826	18705	1387	20092	2207	22299	49.90
8	5065	118	298	5481	172	5261	0	170	8040	8083	-926	18241	1526	19767	2322	22089	49.93
9	5190	123	286	5599	182	5336	0	433	8303	8523	-1172	18901	1131	20032	2609	22641	49.95
10	5250	157	291	5698	201	5394	0	641	8744	8649	-1332	19251	851	20102	2953	23055	49.98
11	5297	272	275	5844	195	5389	0	752	9401	9497	-1455	20222	675	20897	3201	24098	49.97
12	5334	533	267	6134	195	5385	0	806	9666	9723	-1498	20745	862	21607	3315	24922	49.97
13	5289	237	264	5790	226	5378	0	837	9720	9711	-1485	20457	1091	21548	3261	24809	49.96
14	5424	126	252	5802	194	5372	0	730	9682	9570	-1477	20191	1140	21331	3149	24480	49.97
15	5411	151	259	5821	214	5376	0	651	9745	9819	-1459	20422	827	21249	3233	24482	49.88
16	5418	176	252	5846	398	5421	0	446	9720	9739	-1549	20301	657	20958	3297	24255	49.98
17	5428	121	263	5812	640	5418	0	233	9104	8644	-1482	19265	550	19815	3268	23083	49.91
18	5479	174	267	5920	282	5287	0	39	7879	7683	-1544	17667	530	18197	3162	21359	49.87
19	5505	211	272	5988	519	5412	0	0	7536	7216	-1346	17789	314	18103	3138	21241	49.95
20	5495	143	277	5915	315	5418	0	0	7678	7485	-1304	17829	180	18009	3051	21060	49.99
21	5553	116	290	5959	167	5316	0	0	7656	7387	-1428	17401	155	17556	2888	20444	50.01
22	5484	126	285	5895	211	5264	0	0	7116	6978	-1399	16949	116	17065	2744	19809	50.03
23	5501	121	295	5917	300	5258	0	0	7010	6677	-1448	16704	78	16782	2689	19471	49.99
24	5478	116	287	5881	206	5241	0	0	7032	6822	-1537	16613	25	16638	2640	19278	49.98
MUs	126.50	4.89	6.73	138.12	5.94	128.28	0.00	5.76	200.34	198.55	-30.15	446.50	14.22	460.72	66.90	527.62	49.95

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 23/Oct/2018

Position as on 6.30 Hrs of 24/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	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 23/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 24/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 II	InterState	22/10/2018	18.10	23/10/2018	07.24	HT	Over Voltage
Padgha Tarapur I	InterState	23/10/2018	09.05	24/10/2018	21.19	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	24/10/2018	09.30	HT	Over Voltage
Chandrapur Bhadravati III	InterState	24/10/2018	09.50	24/10/2018	22.26	PO	Annual Maintenance Work
Dhule Sar'Sarovar II	InterState	24/10/2018	16.36		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule - Bableshtar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Bhusawal-Aurangabad	IntraState	22/10/2018	20.02	23/10/2018	06.03	HT	Over Voltage
Bableshtar- 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	24/10/2018	09.24	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	24/10/2018	12.50	24/10/2018	17.31	PO	Overhauling and servicing of Isolators
Main Bus-II @ Koradi	IntraState	24/10/2018	13.07	24/10/2018	16.30	PO	Tan Delta Measurment of CTs
Lonikand I - Koyna stage-IV	IntraState	24/10/2018	19.48		Continued.	T	Distance Protection B Phase zone -2, 169 KM from Lonikand
400 KV ICT Outages/Trippings							
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	23/10/2018	23.45	24/10/2018	01.38	EO	To attend red hot spot on B-Bus B-ph isolator of 500 MVA 400/220KV ICT-5 on 220KV side.
400/220/33 Kv 315 Mva ICT 2 @Padghe	IntraState	24/10/2018	01.45	24/10/2018	01.50	EO	Handtripped to carry out Load Balance On Bus Coupler.
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	24/10/2018	03.57	24/10/2018	11.14	T	Buccholz Protection Optd
400/220kv 315 Mva ICT II @Karad	IntraState	24/10/2018	10.06	24/10/2018	12.51	PO	Shifted On TBC For Breaker Overhauling Work.
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.
Khaparkhedha-Butibori 3	InterState	24/10/2018	10.44	24/10/2018	16.10	PO	Routine Maintenance Work
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
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
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.

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 23/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 24/Oct/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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	24/10/2018	07.40	EO	Attending Hot Spot At Tower No.SS277.
Bapgaon - Kalwa	IntraState	23/10/2018	23.45	24/10/2018	01.18	EO	Attending Hot Spot
Nadgaonpeth-Amravati	IntraState	24/10/2018	08.27	24/10/2018	14.38	EO	To attend Hot Spot
Dhule-Chalisagaon	IntraState	24/10/2018	08.35	24/10/2018	11.20	PO	Attending Oil Leakage
Vita-Hiwarwadi	IntraState	24/10/2018	10.07	24/10/2018	13.08	PO	Testing Work
Tembhurni - Jeur	IntraState	24/10/2018	10.25	24/10/2018	15.05	PO	Quarterly Maintainance Work
Karad -Mudshingi Ckt- IV	IntraState	24/10/2018	11.00	24/10/2018	14.47	PO	Quarterly Maintainance Work
Nagothane - Ipcl	IntraState	24/10/2018	11.46	24/10/2018	18.39	PO	Testing Work
Umred-Virangana 1	IntraState	24/10/2018	12.06	24/10/2018	16.19	PO	Tan Delta Measurment of CTs
Koradi-Ambazari-li	IntraState	24/10/2018	12.53	24/10/2018	17.26	PO	Testing Work
220 KV ICT Outages/Trippings							
220/33kV 100 MVA Transformer 2 @Versova R/S	IntraState	24/10/2018	09.47	24/10/2018	17.49	PO	Attending Oil Leakage
132 KV LINE Outages/Trippings							
Dhule(220kv) - Dhule(132 Kv) 1	IntraState	24/10/2018	06.00	24/10/2018	15.58	T	Distance Protection Zone-2, B phase

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