

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 27/Oct/2018 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.707	3378.167	1) Gujrat	-1.606	44.964
2) Hydro	3.738	266.848	2) Madhya Pradesh	16.368	535.537
3) Gas	6.905	181.347	3) Chattisgarh	7.140	193.040
Total MSPGCL	142.350	3826.362	4) Maharashtra Net	148.663	4346.742
B) 1) APML	75.928	1828.547	5) Goa (Amona)	-0.198	-7.260
2) JSWEL	27.349	744.970	Total	170.367	5113.023
3) VIPL	6.443	194.558	a) Mumbai Schedule	22.434	760.838
4) RPL(AMT)	6.389	173.562	b) Mumbai Drawl	30.633	833.948
5) WPCL	5.643	131.364	c) MSEDCL Bilateral *	67.757	2171.464
6) PGPL	0.000	0.000	Include PX	33.156	1258.581
7) Other IPP	9.222	202.164	d) Mumbai Bilateral *	22.434	758.803
C) 1) TPCL Thermal	14.828	427.745	Include PX	6.806	299.035
2) TPCL Hydro	2.942	111.907	Include Standby	0.000	2.035
3) TPCL Gas	3.366	116.519	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.644	311.282	1) MSEDCL	433.646	11740.295
D) STATE			2) Mumbai Discoms	62.412	1801.406
1) Thermal	288.153	7392.359	TOTAL STATE	496.058	13541.701
(A1+C1+C4+(B1-B6))					
2) Hydro	6.680	378.755			
(A2+C2)					
3) Gas	10.271	297.866			
(A3+B6+C3)					
4) Wind	14.682	208.794			
6) SOLAR	5.906	150.899			
TOTAL STATE	325.692	8428.673			

* 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 23 Hrs
MSPGCL Thermal	5581	5582	5591	5468
MSPGCL Hydro	164	131	265	123
MSPGCL Gas	274	270	283	297
MSPGCL Total Generation	6019	5983	6139	5888
Central Sector Receipt	8131	8115	7010	5539
WIND	953	1159	363	493
CPP / IPP Thermal	5585	5410	5548	5374
CPP / IPP Gas	0	0	0	0
SOLAR	854	872	0	0
Exchange with Mumbai	-1271	-1589	-1328	-1545
MSEDCL DEMAND MET	20271	19950	17732	15749
Load Shedding	0	0	0	0
MSEDCL DEMAND	20271	19950	17732	15749
TPCL GENERATION	1233	960	1082	693
R-INFRA GENERATION	502	418	488	375
MUMBAI DEMAND	3006	2967	2898	2613
STATE DEMAND MET	23277	22917	20630	18362
STATE DEMAND	23277	22917	20630	18362
Frequency (Hz)	49.99	50.02	50.01	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13.04 Hrs	49.77 Hz at 17.44 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 27/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	9.64	120.53	420	361
Unit 9	9.32	255.74	445	327
Unit 10	9.36	150.84	422	307
Total	28.33	533.46		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.07	234.12	360	325
Unit 5	8.06	161.98	360	325
Total	16.13	396.11		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.28	121.92	245	200
Unit 7	0.00	77.02	0	0
Unit 8	5.25	40.85	243	180
Total	10.53	239.79		
Chandrapur				
Unit 3	0.00	1.50	0	0
Unit 4	3.64	111.93	171	130
Unit 5	0.00	170.45	0	0
Unit 6	10.42	243.90	450	420
Unit 7	9.82	243.08	430	375
Unit 8	10.38	271.14	450	407
Unit 9	10.55	269.51	449	426
Total	44.80	1311.53		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.93	154.98	250	212
Total	5.93	154.98		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.98	77.46	180	140
Unit 3	4.29	95.67	184	155
Unit 4	0.03	93.86	32	0
Unit 5	10.22	278.59	450	400
Total	18.52	545.58		
Nasik				
Unit 3	3.66	81.46	160	148
Unit 4	3.81	93.97	171	124
Unit 5	0.00	21.29	0	0
Total	7.47	196.72		
Uran				
All Units	6.90	181.35	303	269
Total	6.90	181.35		
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)	0.10	16.35	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	16.35		
Koyna				
Stage 1-2	1.04	81.38	50	40
Stage 4	0.00	93.29	0	0
Stage 3	0.32	38.75	80	0
Total	1.37	213.42		
Hydro				
KDPH	0.89	15.12	37	37
VTRNA	0.24	0.63	60	0
TILLARI	0.00	1.89	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.11	6.03	70	0
RNGR+BHTSA	0.40	10.44	17	16
BHANDARDRA	0.32	7.28	14	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.28	7.17	21	9
GHATGHAR	0.13	4.87	67	0
Total	2.37	53.43		
Wind				
Total	14.68	208.79	0	0
Total	14.68	208.79		
CPP				
APML(Mus)	75.93	1828.55	0	0
JSWEL(Mus)	27.35	744.97	0	0
VIPL(Mus)	6.44	194.56	0	0
RPLAMT(Mus)	6.39	173.56	0	0
WPCL(Mus)	5.64	131.36	0	0
Other(Mus)	9.22	202.16	0	0
Total	130.97	3275.16		
SOLAR				
Total	5.91	150.90	0	0
Total	5.91	150.90		
Tata				
Trombay 5	9.46	280.49	478	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.01	73.76	115	72
Trombay 7B	1.36	42.76	66	53
Trombay 8	5.36	147.26	234	203
TATA Hydro	2.94	111.91	398	25
Total	21.14	656.17		
R-INFRA				
DTPS U-1&2	10.64	311.28	503	374
Total	10.64	311.28		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	131.71	3378.17	MSPGCL Total	142.35	3826.36
			MSPGCL Thml+Gas	138.61	3559.51	Koyna 1,2 & 4 Total	1.04	174.67
			MSPGCL Hydro	3.74	266.85	State Total	325.69	8428.67

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	5348	120	288	5756	845	5288	0	0	5798	5642	-1446	16085	0	16085	2543	18628	49.98
2	5403	115	298	5816	766	5313	0	0	5979	6182	-1243	16834	0	16834	2341	19175	49.94
3	5393	115	299	5807	618	5317	0	0	5899	6370	-1108	17004	0	17004	2198	19202	49.92
4	5361	125	300	5786	614	5405	0	0	6145	6135	-870	17070	0	17070	2101	19171	49.94
5	5352	115	300	5767	555	5407	0	0	6429	6341	-701	17369	0	17369	2055	19424	49.93
6	5281	125	301	5707	476	5539	0	0	7305	7616	-721	18617	0	18617	2099	20716	49.97
7	5331	120	293	5744	383	5598	0	16	8195	8122	-789	19074	0	19074	2129	21203	49.98
8	5425	120	303	5848	308	5596	0	229	7513	7930	-816	19095	0	19095	2185	21280	50.00
9	5478	187	301	5966	322	5617	0	477	7490	7370	-947	18805	0	18805	2375	21180	50.02
10	5488	211	295	5994	409	5618	0	629	7785	7329	-1075	18904	0	18904	2642	21546	49.99
11	5610	214	279	6103	731	5604	0	756	8388	7988	-1183	19999	0	19999	2894	22893	49.97
12	5581	164	274	6019	953	5585	0	854	8724	8131	-1271	20271	0	20271	3006	23277	49.99
13	5582	131	270	5983	1159	5410	0	872	8717	8115	-1589	19950	0	19950	2967	22917	50.02
14	5618	199	269	6086	1090	5338	0	771	8232	7959	-1671	19573	0	19573	2857	22430	49.99
15	5571	178	270	6019	1047	5375	0	633	8272	8224	-1653	19645	0	19645	2922	22567	49.99
16	5613	183	269	6065	813	5371	0	415	8475	8330	-1661	19333	0	19333	2933	22266	49.92
17	5610	216	271	6097	589	5425	0	216	7741	7625	-1533	18419	0	18419	2876	21295	49.87
18	5612	162	275	6049	369	5606	0	38	7048	6927	-1353	17636	0	17636	2830	20466	49.91
19	5602	196	289	6087	298	5617	0	0	6633	7027	-1406	17623	0	17623	2899	20522	49.94
20	5591	265	283	6139	363	5548	0	0	6863	7010	-1328	17732	0	17732	2898	20630	50.01
21	5521	118	296	5935	474	5388	0	0	6304	6353	-1591	16559	0	16559	2793	19352	50.00
22	5424	118	287	5829	496	5293	0	0	5794	6069	-1573	16114	0	16114	2672	18786	50.03
23	5468	123	297	5888	493	5374	0	0	5483	5539	-1545	15749	0	15749	2613	18362	49.96
24	5444	118	298	5860	511	5338	0	0	5729	6033	-1560	16182	0	16182	2585	18767	49.98
MUs	131.71	3.74	6.90	142.35	14.68	130.97	0.00	5.91	170.94	170.37	-30.63	433.65	0.00	433.65	62.41	496.06	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 27/Oct/2018

Position as on 6.30 Hrs of 28/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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	28/10/2018	17.18	Poor Coal Receipt	
MSPGCL	Nasik Unit 5	210	26/10/2018	12.15		Continued.	Coal Swapping with DIL.	
MSPGCL	Khaparkheda Unit 4	210	26/10/2018	17.08	27/10/2018	23.23	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit-8	500	28/10/2018	09.00		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 28/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 @ Akola-II	IntraState	27/10/2018	11.00	27/10/2018	19.56	PO	Annual Maintenance Work
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	27/10/2018	15.22	27/10/2018	18.41	T	On DC Line Protection Due To Which Pole-1 Gone In Reduced Mode.
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	26/10/2018	17.42	27/10/2018	09.29	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	27/10/2018	18.19		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Khadka-Aurangabad (Waluj)	IntraState	26/10/2018	20.05	27/10/2018	06.29	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	27/10/2018	08.54	27/10/2018	19.34	PO	Quarterly Maintainance Work
Akola II - Akola I Ckt-I	IntraState	27/10/2018	18.02	27/10/2018	20.21	T	O/V Prot.Operated At Akola 2 End.
Khadka-Aurangabad (Waluj)	IntraState	27/10/2018	18.24	28/10/2018	06.40	HT	Over Voltage
Main Bus I @ Kalwa	IntraState	28/10/2018	11.37	28/10/2018	17.10	PO	Replacement of damaged B Phase 29A Isolator Scissor of 400KV Kalwa-Padgha CKT 2
Bhusawal-Aurangabad	IntraState	28/10/2018	17.18		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	27/10/2018	09.24	27/10/2018	17.43	PO	Testing Work
400/220 KV 500MVA ICT II @ Nanded	IntraState	27/10/2018	17.00	27/10/2018	20.30	EO	Attending Hot Spot
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	27/10/2018	13.21	PO	Conductor Replacement Work.continuous Upto
Eklahare (Gcr) - Ghatghar	IntraState	22/10/2018	15.19		Continued.	PO	Routine Maintenance Work
Bombay Dyeing - Sahara	IntraState	26/10/2018	16.20	28/10/2018	23.00	PO	CB & Isolator Replacement Work At Bombay Dyeing End.
Sonkhar - Trombay	IntraState	27/10/2018	06.20	27/10/2018	09.00	PO	E/W removing work
Waluj-Padegaon I	IntraState	27/10/2018	13.29	27/10/2018	15.05	T	Distance Protection Operated Zone 1 R-PH.1.53KA.4.6KM.
Sonkhar - Trombay	IntraState	27/10/2018	14.08	28/10/2018	19.06	PO	Stringing Of HTLS Conductor.
Trombay Carnac 5	IntraState	27/10/2018	23.06	28/10/2018	07.25	PO	220 KV Main Bus 5 Outage At Trombay.
Trombay Dharavi 6	IntraState	27/10/2018	23.18	28/10/2018	07.30	PO	220 KV Main Bus 5 Outage At Trombay.
Trombay-Salsette II	IntraState	27/10/2018	23.26	28/10/2018	12.15	PO	Tree Trimming.
Kandalgaon - ONGC Panvel	IntraState	28/10/2018	02.15	28/10/2018	02.45	T	Distance Protection R phase E/F

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 27/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 28/Oct/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/110 Kv 200 Mva Vel Ptr 1 @Kolhapur-Ij (Mudshingi)	IntraState	27/10/2018	10.20	27/10/2018	16.08	PO	Routine Maintenance Work & Testing Work.
220/132 Kv 200 Mva Cgl lct 1 @Raymond (Nasik 2)	IntraState	27/10/2018	11.40	27/10/2018	17.27	EO	Red Hot.