

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Oct/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	130.456	3246.460	1) Gujrat	-1.677	46.570
2) Hydro	3.600	263.110	2) Madhya Pradesh	16.353	519.169
3) Gas	6.860	174.442	3) Chattisgarh	6.990	185.900
Total MSPGCL	140.916	3684.012	4) Maharashtra Net	154.468	4198.079
B) 1) APML	75.677	1752.619	5) Goa (Amona)	-0.396	-7.062
2) JSWEL	27.061	717.621	Total	175.738	4942.656
3) VIPL	4.394	188.115	a) Mumbai Schedule	26.872	738.404
4) RPL(AMT)	6.110	167.173	b) Mumbai Drawl	33.159	803.315
5) WPCL	5.776	125.721	c) MSEDCL Bilateral *	73.995	2103.707
6) PGPL	0.000	0.000	Include PX	38.375	1225.425
7) Other IPP	9.208	192.942	d) Mumbai Bilateral *	26.872	736.369
C) 1) TPCL Thermal	15.366	412.917	Include PX	10.722	292.229
2) TPCL Hydro	2.742	108.965	Include Standby	0.000	2.035
3) TPCL Gas	4.341	113.153	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.224	300.638	1) MSEDCL	431.686	11306.649
D) STATE			2) Mumbai Discoms	65.835	1738.994
1) Thermal	284.272	7104.206	TOTAL STATE	497.521	13045.643
(A1+C1+C4+(B1-B6))					
2) Hydro	6.342	372.075			
(A2+C2)					
3) Gas	11.201	287.595			
(A3+B6+C3)					
4) Wind	14.179	194.112			
6) SOLAR	5.786	144.993			
TOTAL STATE	321.780	8102.981			

* 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	5673	5490	5360	5118
MSPGCL Hydro	188	130	352	125
MSPGCL Gas	271	274	277	297
MSPGCL Total Generation	6132	5894	5989	5540
Central Sector Receipt	8710	8617	7058	5877
WIND	784	842	324	865
CPP / IPP Thermal	5324	5285	5477	5034
CPP / IPP Gas	0	0	0	0
SOLAR	825	850	7	0
Exchange with Mumbai	-1948	-1896	-1347	-1587
MSEDCL DEMAND MET	19827	19592	17508	15729
Load Shedding	0	0	0	0
MSEDCL DEMAND	19827	19592	17508	15729
TPCL GENERATION	953	965	1303	699
R-INFRA GENERATION	374	378	501	378
MUMBAI DEMAND	3275	3239	3151	2664
STATE DEMAND MET	23102	22831	20659	18393
STATE DEMAND	23102	22831	20659	18393
Frequency (Hz)	49.98	49.99	50.00	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 13.02 Hrs	49.8 Hz at 06.23 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 26/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	7.89	110.89	372	285
Unit 9	7.96	246.42	400	287
Unit 10	8.99	141.47	441	300
Total	24.84	505.13		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.01	226.06	360	320
Unit 5	8.38	153.92	415	325
Total	16.38	379.98		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.56	116.63	250	190
Unit 7	0.00	77.02	0	0
Unit 8	5.43	35.60	247	186
Total	10.99	229.26		
Chandrapur				
Unit 3	0.00	1.50	0	0
Unit 4	4.02	108.30	179	155
Unit 5	0.00	170.45	0	0
Unit 6	9.98	233.48	439	350
Unit 7	8.71	233.27	406	325
Unit 8	10.07	260.76	430	370
Unit 9	10.25	258.96	440	402
Total	43.03	1266.72		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.83	149.05	250	190
Total	5.83	149.05		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.72	73.48	170	130
Unit 3	4.32	91.38	191	161
Unit 4	2.84	93.82	175	0
Unit 5	11.09	268.38	500	361
Total	21.97	527.06		
Nasik				
Unit 3	1.50	77.81	160	0
Unit 4	3.94	90.15	182	157
Unit 5	1.97	21.29	166	23
Total	7.41	189.26		
Uran				
All Units	6.86	174.44	301	267
Total	6.86	174.44		
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)	0.20	16.24	42	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.20	16.24		
Koyna				
Stage 1-2	1.04	80.34	55	40
Stage 4	0.00	93.29	0	0
Stage 3	0.23	38.43	80	0
Total	1.26	212.05		
Hydro				
KDPH	0.89	14.23	37	37
VTRNA	0.00	0.39	0	0
TILLARI	0.00	1.89	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.19	5.92	77	0
RNGR+BHTSA	0.40	10.04	17	16
BHANDARDRA	0.33	6.96	14	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.32	6.89	22	11
GHATGHAR	0.21	4.74	125	0
Total	2.34	51.06		
Wind				
Total	14.18	194.11	0	0
Total	14.18	194.11		
CPP				
APML(Mus)	75.68	1752.62	0	0
JSWEL(Mus)	27.06	717.62	0	0
VIPL(Mus)	4.39	188.12	0	0
RPLAMT(Mus)	6.11	167.17	0	0
WPCL(Mus)	5.78	125.72	0	0
Other(Mus)	9.21	192.94	0	0
Total	128.23	3144.19		
SOLAR				
Total	5.79	144.99	0	0
Total	5.79	144.99		
Tata				
Trombay 5	10.09	271.02	479	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.76	71.75	116	114
Trombay 7B	1.58	41.41	67	65
Trombay 8	5.28	141.90	233	201
TATA Hydro	2.74	108.96	420	47
Total	22.45	635.04		
R-INFRA				
DTPS U-1&2	10.22	300.64	503	374
Total	10.22	300.64		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	130.46	3246.46	MSPGCL Total	140.92	3684.01
			MSPGCL Thml+Gas	137.32	3420.90	Koyna 1,2 & 4 Total	1.04	173.62
			MSPGCL Hydro	3.60	263.11	State Total	321.78	8102.98

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	5432	117	299	5848	385	5344	0	0	6368	6109	-1098	16588	0	16588	2462	19050	49.97
2	5426	122	288	5836	449	5297	0	0	6446	6533	-1098	17017	0	17017	2241	19258	49.96
3	5450	127	301	5878	497	5284	0	0	6670	6711	-1056	17314	0	17314	2128	19442	49.99
4	5423	117	299	5839	550	5269	0	0	6761	6723	-958	17423	0	17423	2036	19459	49.99
5	5451	122	299	5872	580	5289	0	0	7060	7047	-904	17884	0	17884	1992	19876	49.95
6	5453	118	299	5870	583	5411	0	0	8009	7635	-786	18713	0	18713	2080	20793	49.93
7	5525	123	299	5947	545	5459	0	7	8198	8164	-790	19332	0	19332	2175	21507	49.88
8	5602	118	291	6011	423	5421	0	138	7457	7901	-811	19083	0	19083	2289	21372	50.00
9	5625	118	298	6041	443	5447	0	388	7562	7320	-1124	18515	0	18515	2600	21115	50.00
10	5685	134	292	6111	586	5452	0	602	7986	7760	-1452	19059	0	19059	2934	21993	49.99
11	5604	190	276	6070	780	5370	0	728	8786	8592	-1676	19864	0	19864	3174	23038	50.01
12	5673	188	271	6132	784	5324	0	825	9176	8710	-1948	19827	0	19827	3275	23102	49.98
13	5490	130	274	5894	842	5285	0	850	8832	8617	-1896	19592	0	19592	3239	22831	49.99
14	5478	129	269	5876	774	5281	0	790	8636	8426	-1772	19375	0	19375	3117	22492	50.04
15	5336	128	268	5732	707	5280	0	661	8637	8813	-1798	19395	0	19395	3209	22604	49.97
16	5559	199	267	6025	553	5348	0	476	8586	8298	-1879	18821	0	18821	3259	22080	49.98
17	5537	127	269	5933	489	5356	0	244	7843	7865	-1771	18116	0	18116	3226	21342	49.92
18	5359	119	273	5751	368	5442	0	70	7040	6804	-1443	16992	0	16992	3163	20155	49.94
19	5360	352	277	5989	324	5477	0	7	6891	7058	-1347	17508	0	17508	3151	20659	50.00
20	5296	337	282	5915	406	5477	0	0	6969	6808	-1360	17246	0	17246	3066	20312	50.02
21	5292	120	292	5704	631	5390	0	0	6659	6295	-1438	16582	0	16582	2914	19496	50.02
22	5169	120	285	5574	788	5261	0	0	6193	5857	-1561	15919	0	15919	2744	18663	50.03
23	5113	120	295	5528	827	5223	0	0	5811	5815	-1606	15787	0	15787	2694	18481	49.99
24	5118	125	297	5540	865	5034	0	0	6037	5877	-1587	15729	0	15729	2664	18393	49.97
MUs	130.46	3.60	6.86	140.92	14.18	128.23	0.00	5.79	178.61	175.74	-33.16	431.69	0.00	431.69	65.83	497.52	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 26/Oct/2018

Position as on 6.30 Hrs of 27/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	26/10/2018	11.40	Coal Swapping With DIL	
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	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 27/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 I	InterState	25/10/2018	19.14	26/10/2018	09.13	HT	Over Voltage
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 - Bableswhar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableswhar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Khadka-Aurangabad (Waluj)	IntraState	25/10/2018	20.33	26/10/2018	06.08	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	26/10/2018	08.58	26/10/2018	19.14	PO	Routine Maintenance Work
New Koyna - Dabhol-I	IntraState	26/10/2018	10.17	26/10/2018	19.30	PO	Cold washing Of insulator String.
Koradi-RattanIndia	IntraState	26/10/2018	10.24	26/10/2018	16.22	PO	PID Testing.
Akola II - RPL(Rattanindia) Ckt-II	IntraState	26/10/2018	11.02	26/10/2018	17.01	PO	Routine Maintenance Work
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		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33kv, 500 MVA ICT-I @Khaparkheda	IntraState	26/10/2018	09.17	26/10/2018	18.12	PO	Routine Maintenance Work & Diagnostic Testing Work.
400/220/33 Kv 315 MVA ICT-II @Waluj	IntraState	26/10/2018	10.29	26/10/2018	19.27	PO	Routine Maintenance Work & Diagnostic Testing Work.
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	26/10/2018	14.15	26/10/2018	20.52	EO	Attending Hot Spot
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
220KV Borivali (M) - Borivali (T) ckt I	IntraState	25/10/2018	06.20	26/10/2018	16.52	EO	To attend Hot Spot on CT.
Dhule-Chalisagaon	IntraState	26/10/2018	05.36	26/10/2018	06.04	T	Distance Protection, R PH,Z1, 41KM. 3.56KA.

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 26/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 27/Oct/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kolshet-Roma	IntraState	26/10/2018	08.47	26/10/2018	18.39	PO	Line Is Under Outage For Safety To Attend maint.Work On 100KV Vasai- Kolshet Line.
Jambhul - Anandnagar	IntraState	26/10/2018	09.15	26/10/2018	18.45	PO	Y-PH LA Replacement & Routine Maintenance Work
Roma-Bhavegar	IntraState	26/10/2018	09.17	26/10/2018	17.50	HT	HT For Outage Work.
Butibori - Khaperkheda	IntraState	26/10/2018	11.59	26/10/2018	14.07	PO	Tan Delta Measurment of CTs & Diagnostic Testing Work.
Bombay Dyeing - Sahara	IntraState	26/10/2018	16.20		Continued.	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		Continued.	PO	Stringing Of HTLS Conductor.
Trombay Carnac 5	IntraState	27/10/2018	23.06		Continued.	PO	220 KV Main Bus 5 Outage At Trombay.
Trombay Dharavi 6	IntraState	27/10/2018	23.18		Continued.	PO	220 KV Main Bus 5 Outage At Trombay.
Trombay-Salsette II	IntraState	27/10/2018	23.26		Continued.	PO	Tree Trimming.
220 KV ICT Outages/Trippings							
220 Kv /132 Kv 100 Mva Ptr @Chitegaon	IntraState	26/10/2018	09.04	26/10/2018	18.27	PO	Routine Maintenance Work & Diagnostic Testing Work.
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	26/10/2018	10.10	26/10/2018	18.45	PO	Routine Maintenance Work & Diagnostic Testing Work
220/132 Kv 200MVA ICT II @ Girwali	IntraState	26/10/2018	10.40	26/10/2018	13.03	EO	Attending Hot Spot Work On Y PH LV Side Main Bus Contact.
220/22 Kv 50 Mva Areva Ptr 3 @Kamba	IntraState	26/10/2018	10.50	26/10/2018	17.00	PO	Routine Maintenance Work & Diagnostic Testing Work
220/110 Kv 200 Mva Vel Ptr 1 @Kolhapur-Ii (Mudshingi)	IntraState	27/10/2018	10.20	27/10/2018	16.08	PO	Routine Maintenance Work & Testing Work.
220/132 Kv 200 Mva Cgl Ict 1 @Raymond (Nasik 2)	IntraState	27/10/2018	11.40	27/10/2018	17.27	EO	Red Hot.
132 KV LINE Outages/Trippings							
Parli- Gangakhed	IntraState	26/10/2018	04.45	26/10/2018	05.05	T	Distance Protection, Y PH Z1.5.041KM.3.9KA.
Killari Tap On Ujani-Omerga	IntraState	26/10/2018	05.37	26/10/2018	06.02	T	Distance Protection,R PH,Z1
Chikhali-Deulgaon Mahi	IntraState	26/10/2018	17.03	26/10/2018	17.11	T	Distance Protection,Y PH Load Affected 34 MW.
100 KV LINE Outages/Trippings							
Kolshet - Vasai	IntraState	26/10/2018	08.16	26/10/2018	18.41	PO	Erection Of Cross ARM At Location No.127/1 (127-128).

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