

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 28/Oct/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.994	3505.161	1) Gujrat	-2.059	42.905
2) Hydro	3.174	270.022	2) Madhya Pradesh	14.147	549.684
3) Gas	6.866	188.213	3) Chattisgarh	6.690	199.730
Total MSPGCL	137.034	3963.396	4) Maharashtra Net	144.550	4491.292
B) 1) APML	75.520	1904.067	5) Goa (Amona)	-0.176	-7.436
2) JSWEL	26.692	771.662	Total	163.152	5276.175
3) VIPL	6.630	201.188	a) Mumbai Schedule	21.124	781.962
4) RPL(AMT)	5.919	179.481	b) Mumbai Drawl	25.776	859.724
5) WPCL	5.233	136.597	c) MSEDCL Bilateral *	65.508	2236.973
6) PGPL	0.000	0.000	Include PX	31.606	1290.187
7) Other IPP	9.108	211.272	d) Mumbai Bilateral *	21.124	779.927
C) 1) TPCL Thermal	14.791	442.536	Include PX	5.854	304.889
2) TPCL Hydro	0.153	112.060	Include Standby	0.000	2.035
3) TPCL Gas	4.036	120.555	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.770	322.052	1) MSEDCL	421.959	12162.254
D) STATE			2) Mumbai Discoms	55.526	1856.932
1) Thermal	281.657	7674.016	TOTAL STATE	477.485	14019.186
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	3.327	382.082			
3) Gas (A3+B6+C3)	10.902	308.768			
4) Wind	12.410	221.204			
6) SOLAR	6.037	156.936			
TOTAL STATE	314.333	8743.006			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5405	5350	5531	5069
MSPGCL Hydro	267	124	117	112
MSPGCL Gas	277	261	281	288
MSPGCL Total Generation	5949	5735	5929	5469
Central Sector Receipt	8138	7689	6407	5424
WIND	391	1035	507	582
CPP / IPP Thermal	5474	5342	5319	4958
CPP / IPP Gas	0	0	0	0
SOLAR	770	855	0	0
Exchange with Mumbai	-946	-1185	-1313	-1389
MSEDCL DEMAND MET	19776	19471	16849	15044
Load Shedding	0	0	0	0
MSEDCL DEMAND	19776	19471	16849	15044
TPCL GENERATION	873	798	811	703
R-INFRA GENERATION	502	424	378	373
MUMBAI DEMAND	2321	2407	2502	2465
STATE DEMAND MET	22097	21878	19351	17509
STATE DEMAND	22097	21878	19351	17509
Frequency (Hz)	50.00	50.04	50.04	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 12.02 Hrs	49.84 Hz at 05.13 Hrs	49.99	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 28/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	6.87	127.40	354	210
Unit 9	7.81	263.55	352	279
Unit 10	7.23	158.06	330	280
Total	21.91	555.37		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.78	243.90	500	330
Unit 5	9.52	171.50	475	330
Total	19.29	415.40		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.01	126.92	250	167
Unit 7	0.00	77.02	0	0
Unit 8	5.36	46.21	249	175
Total	10.37	250.16		
Chandrapur				
Unit 3	0.00	1.50	0	0
Unit 4	3.60	115.53	175	111
Unit 5	1.99	172.44	350	0
Unit 6	10.55	254.45	445	420
Unit 7	10.14	253.23	436	410
Unit 8	3.63	274.76	446	0
Unit 9	10.31	279.82	445	422
Total	40.21	1351.74		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.63	160.61	255	190
Total	5.63	160.61		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.10	81.56	185	160
Unit 3	4.08	99.75	180	157
Unit 4	3.62	97.48	165	96
Unit 5	10.23	288.82	460	370
Total	22.03	567.61		
Nasik				
Unit 3	3.72	85.19	160	151
Unit 4	3.83	97.80	167	152
Unit 5	0.00	21.29	0	0
Total	7.56	204.28		
Uran				
All Units	6.87	188.21	305	256
Total	6.87	188.21		
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)	0.03	16.38	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	16.38		
Koyna				
Stage 1-2	1.04	82.42	50	40
Stage 4	0.00	93.29	0	0
Stage 3	0.22	38.97	80	0
Total	1.25	214.67		
Hydro				
KDPH	0.89	16.01	37	37
VTRNA	0.00	0.63	0	0
TILLARI	0.00	1.89	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.11	6.13	59	0
RNGR+BHTSA	0.40	10.84	17	16
BHANDARDRA	0.32	7.60	14	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.21	7.38	17	6
GHATGHAR	0.00	4.87	0	0
Total	1.92	55.35		
Wind				
Total	12.41	221.20	0	0
Total	12.41	221.20		
CPP				
APML(Mus)	75.52	1904.07	0	0
JSWEL(Mus)	26.69	771.66	0	0
VIPL(Mus)	6.63	201.19	0	0
RPLAMT(Mus)	5.92	179.48	0	0
WPCL(Mus)	5.23	136.60	0	0
Other(Mus)	9.11	211.27	0	0
Total	129.10	3404.27		
SOLAR				
Total	6.04	156.94	0	0
Total	6.04	156.94		
Tata				
Trombay 5	9.64	290.13	469	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.52	76.28	116	75
Trombay 7B	1.51	44.28	67	53
Trombay 8	5.15	152.40	237	202
TATA Hydro	0.15	112.06	67	2
Total	18.98	675.15		
R-INFRA				
DTPS U-1&2	10.77	322.05	503	373
Total	10.77	322.05		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.99	3505.16	MSPGCL Total	137.03	3963.40
			MSPGCL Thml+Gas	133.86	3693.37	Koyna 1,2 & 4 Total	1.04	175.70
			MSPGCL Hydro	3.17	270.02	State Total	314.33	8743.01

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/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	5428	115	288	5831	552	5448	0	0	5869	5534	-1226	16139	0	16139	2460	18599	49.92
2	5423	115	299	5837	472	5455	0	0	6088	5920	-975	16709	0	16709	2298	19007	49.93
3	5412	120	301	5833	425	5489	0	0	6201	6256	-849	17154	0	17154	2167	19321	49.93
4	5407	115	301	5823	326	5500	0	0	6275	6285	-755	17179	0	17179	2072	19251	49.96
5	5437	125	303	5865	218	5521	0	0	6765	6752	-706	17650	0	17650	2030	19680	49.92
6	5431	120	302	5853	211	5549	0	0	7618	7668	-742	18539	0	18539	2064	20603	49.97
7	5464	115	305	5884	156	5532	0	14	8274	7765	-693	18658	0	18658	2046	20704	50.04
8	5467	125	303	5895	157	5493	0	182	7593	7744	-689	18782	0	18782	2058	20840	49.98
9	5371	126	300	5797	188	5500	0	409	7461	7422	-756	18560	0	18560	2131	20691	49.96
10	5397	249	285	5931	225	5509	0	656	7396	7238	-848	18711	0	18711	2232	20943	50.01
11	5405	267	277	5949	391	5474	0	770	8166	8138	-946	19776	0	19776	2321	22097	50.00
12	5397	176	282	5855	535	5480	0	865	8507	7825	-1002	19558	0	19558	2373	21931	50.03
13	5350	124	261	5735	1035	5342	0	855	8343	7689	-1185	19471	0	19471	2407	21878	50.04
14	4889	129	268	5286	1052	5301	0	828	7858	7575	-1273	18769	0	18769	2347	21116	50.05
15	4835	113	266	5214	996	5260	0	669	7669	7841	-1295	18685	0	18685	2369	21054	50.04
16	5029	113	256	5398	793	5269	0	501	7722	7537	-1308	18190	0	18190	2384	20574	50.00
17	5159	113	270	5542	794	5302	0	249	7082	7132	-1288	17731	0	17731	2411	20142	49.99
18	5269	117	274	5660	496	5397	0	39	6545	6159	-1101	16650	0	16650	2418	19068	49.97
19	5429	122	288	5839	468	5410	0	0	6553	6341	-1217	16841	0	16841	2498	19339	50.02
20	5531	117	281	5929	507	5319	0	0	6798	6407	-1313	16849	0	16849	2502	19351	50.04
21	5231	117	291	5639	570	5258	0	0	6011	5820	-1402	15885	0	15885	2500	18385	50.00
22	5077	112	283	5472	618	5233	0	0	5654	5465	-1412	15376	0	15376	2489	17865	50.03
23	5087	117	294	5498	643	5099	0	0	5621	5215	-1406	15049	0	15049	2484	17533	50.01
24	5069	112	288	5469	582	4958	0	0	5883	5424	-1389	15044	0	15044	2465	17509	50.02
MUs	126.99	3.17	6.87	137.03	12.41	129.10	0.00	6.04	167.95	163.15	-25.78	421.96	0.00	421.96	55.53	477.49	49.99

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 28/Oct/2018

Position as on 6.30 Hrs of 29/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	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 28/Oct/2018

Statement-VII

Position as on 6.30 Hrs of 29/Oct/2018

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 I	InterState	27/10/2018	18.19	29/10/2018	05.35	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	29/10/2018	18.10		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	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	29/10/2018	06.29	HT	Over Voltage
New Koyna - Dabhol - li	IntraState	29/10/2018	10.40	29/10/2018	19.06	PO	Cold washing of insulator strings
Chandrapur-II - Nanded ckt I	IntraState	29/10/2018	11.09	29/10/2018	17.15	PO	Nut bolt tightening at loc 434
Koradi-Bhusawal	IntraState	29/10/2018	12.07	29/10/2018	21.14	PO	Flashover
Khadka-Aurangabad (Waluj)	IntraState	29/10/2018	21.29		Continued.	HT	Over Voltage
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.
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	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
Nerul-Trombay	IntraState	29/10/2018	06.32		Continued.	PO	Stinging of HTLC conductor.
Vita - Ghatnandre	IntraState	29/10/2018	10.22	29/10/2018	16.40	PO	Attending Oil Leakage

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