

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Jan/2019 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	129.847	3909.492	1) Gujrat	4.543	67.277
2) Hydro	6.365	191.592	2) Madhya Pradesh	11.625	258.897
3) Gas	7.264	194.077	3) Chattisgarh	3.890	111.670
Total MSPGCL	143.476	4295.161	4) Maharashtra	86.218	2664.681
B) 1) APML	64.399	1847.872	5) Goa (Amona)	-0.352	-6.490
2) JSWEL	20.538	618.698	Total	105.924	3096.035
3) VIPL	0.000	81.108	a) Mumbai Schedule	20.037	575.465
4) RPL(AMT)	0.000	47.351	b) Mumbai Drawl	21.914	666.770
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	9.339	263.832
6) Other IPP	13.832	388.991	Include PX	-5.387	-144.208
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.037	568.285
C) 1) TPCL Thermal	4.960	228.913	Include PX	7.975	169.151
2) TPCL Hydro	5.243	110.523	Include Standby	0.000	7.180
3) TPCL Gas	4.385	122.454	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.965	165.071	1) MSEDCL	348.590	10082.616
D) STATE			2) Mumbai Discoms	45.465	1293.726
1) Thermal	242.541	7287.496	TOTAL STATE	394.055	11376.342
(A1+C1+C4+(B1-B6))					
2) Hydro	11.608	302.115			
(A2+C2)					
3) Gas	11.649	316.531			
(A3+B6+C3)					
4) Wind	15.895	215.309			
6) SOLAR	6.440	158.861			
TOTAL STATE	288.133	8280.312			

* 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 19 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	5622	5971	5690	4986
MSPGCL Hydro	351	403	385	88
MSPGCL Gas	297	293	304	303
MSPGCL Total Generation	6270	6667	6379	5377
Central Sector Receipt	6037	5357	5024	2168
WIND	623	407	345	936
CPP / IPP Thermal	4712	4382	4151	3698
CPP / IPP Gas	0	0	0	0
SOLAR	806	937	0	0
Exchange with Mumbai	-1252	-1176	-1102	-503
MSEDCL DEMAND MET	17196	16574	14797	11676
Load Shedding	0	0	0	0
MSEDCL DEMAND	17196	16574	14797	11676
TPCL GENERATION	746	779	793	384
AEML GENERATION	374	374	374	374
MUMBAI DEMAND	2372	2329	2269	1261
STATE DEMAND MET	19568	18903	17066	12937
STATE DEMAND	19568	18903	17066	12937
Frequency (Hz)	50.06	50.00	49.88	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 13.00 Hrs	49.75 Hz at 18.35 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 28/Jan/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.39	79.56	150	134
Unit 7	0.00	63.84	0	0
Unit 8	11.24	212.39	585	318
Unit 9	11.72	270.99	647	405
Unit 10	0.00	149.01	0	0
Total	26.34	775.80		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	4.80	229.90	360	0
Unit 5	8.71	266.38	420	350
Total	13.51	496.28		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	56.43	0	0
Total	0.00	56.43		
Chandrapur				
Unit 3	4.27	118.68	195	164
Unit 4	4.14	112.05	185	162
Unit 5	8.60	257.33	371	325
Unit 6	9.79	273.56	455	365
Unit 7	9.02	262.56	430	327
Unit 8	10.66	293.60	490	370
Unit 9	10.62	285.52	488	367
Total	57.10	1603.30		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.51	148.72	258	192
Total	5.51	148.72		
Khaparkheda				
Unit 1	3.66	103.12	170	130
Unit 2	3.55	103.07	170	120
Unit 3	3.77	105.23	172	145
Unit 4	3.15	104.06	165	0
Unit 5	9.37	275.86	440	380
Total	23.52	691.34		
Nasik				
Unit 3	0.00	22.11	0	0
Unit 4	3.86	115.52	167	155
Unit 5	0.00	0.00	0	0
Total	3.86	137.63		
Uran				
All Units	7.26	194.08	316	286
Total	7.26	194.08		
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)	0.01	1.02	9	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.01	1.02		
Koyna				
Stage 1-2	1.70	52.70	225	40
Stage 4	0.26	14.83	147	0
Stage 3	0.47	15.45	140	0
Total	2.43	82.97		
Hydro				
KDPH	0.44	10.84	19	18
VTRNA	0.55	14.38	61	0
TILLARI	0.49	12.47	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.10	5.56	80	0
RNGR+BHTSA	0.29	8.14	13	12
BHANDARDRA	0.00	0.06	0	0
ELDARY	0.00	2.78	0	0
SMLHY_PTN	0.42	11.44	25	15
GHATGHAR	1.64	42.95	125	0
Total	3.93	108.62		
Wind				
Total	15.90	215.31	0	0
Total	15.90	215.31		
CPP				
APML(Mus)	64.40	1847.87	0	0
JSWEL(Mus)	20.54	618.70	0	0
VIPL(Mus)	0.00	81.11	0	0
RPLAMT(Mus)	0.00	47.35	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	13.83	388.99	0	0
Total	98.77	2984.02		
SOLAR				
Total	6.44	158.86	0	0
Total	6.44	158.86		
Tata				
Trombay 5	0.00	83.46	0	0
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	77.60	116	115
Trombay 7B	1.60	44.85	68	66
Trombay 8	4.96	145.46	217	200
TATA Hydro	5.24	110.52	401	0
Total	14.59	461.89		
AEML				
DTPS U-1&2	8.96	165.07	374	373
Total	8.96	165.07		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	129.85	3909.49	MSPGCL Total	143.48	4295.16
			MSPGCL Thml+Gas	137.11	4103.57	Koyna 1,2 & 4 Total	1.96	67.53
			MSPGCL Hydro	6.36	191.59	State Total	288.13	8280.31

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/Jan/2019

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	4979	93	312	5384	1014	3688	0	0	2342	2477	-579	11984	0	11984	1367	13351	50.02
2	4986	88	303	5377	936	3698	0	0	2139	2168	-503	11676	0	11676	1261	12937	49.99
3	4962	123	304	5389	960	3703	0	0	1986	2265	-442	11875	0	11875	1199	13074	49.98
4	4929	88	314	5331	917	3689	0	0	2230	2369	-410	11896	0	11896	1167	13063	50.04
5	4933	88	314	5335	953	3695	0	0	2769	2886	-435	12434	0	12434	1194	13628	50.02
6	4911	248	315	5474	893	3682	0	0	3266	3815	-537	13327	0	13327	1345	14672	49.92
7	5162	504	316	5982	926	4056	0	2	4547	4498	-757	14707	0	14707	1576	16283	50.00
8	5517	232	316	6065	993	4609	0	65	5138	5157	-875	16014	0	16014	1760	17774	50.01
9	5554	329	305	6188	709	4781	0	251	5382	5441	-1027	16343	0	16343	2043	18386	49.95
10	5752	452	310	6514	663	4817	0	568	5723	5681	-1139	17104	0	17104	2252	19356	49.88
11	5622	351	297	6270	623	4712	0	806	6102	6037	-1252	17196	0	17196	2372	19568	50.06
12	5816	342	294	6452	421	4641	0	936	5956	5985	-1257	17178	0	17178	2390	19568	50.05
13	5971	403	293	6667	407	4382	0	937	5317	5357	-1176	16574	0	16574	2329	18903	50.00
14	5853	310	289	6452	302	4303	0	948	5280	5198	-1114	16089	0	16089	2211	18300	50.05
15	5631	289	286	6206	263	4096	0	826	5437	5517	-1097	15811	0	15811	2227	18038	49.93
16	5616	596	287	6499	234	4054	0	643	5294	5524	-1083	15871	0	15871	2232	18103	49.97
17	5620	406	299	6325	197	4056	0	372	5264	5230	-1077	15103	0	15103	2236	17339	49.95
18	5509	320	293	6122	301	4066	0	86	4896	4847	-1081	14341	0	14341	2229	16570	49.95
19	5690	385	304	6379	345	4151	0	0	4937	5024	-1102	14797	0	14797	2269	17066	49.88
20	5708	172	297	6177	433	4314	0	0	4851	4884	-1141	14667	0	14667	2278	16945	49.94
21	5481	145	309	5935	502	4107	0	0	4636	4805	-1115	14234	0	14234	2193	16427	50.00
22	5299	145	298	5742	750	4009	0	0	4676	4112	-992	13621	0	13621	1964	15585	50.02
23	5174	116	309	5599	1037	3793	0	0	3829	3547	-925	13051	0	13051	1773	14824	50.01
24	5172	140	300	5612	1116	3667	0	0	2869	3100	-798	12697	0	12697	1600	14297	49.93
MUs	129.85	6.37	7.26	143.48	15.90	98.77	0.00	6.44	104.87	105.92	-21.91	348.59	0.00	348.59	45.47	394.06	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 28/Jan/2019

Position as on 6.30 Hrs of 29/Jan/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Nasik Unit 5	210	22/11/2018	03.50		Continued.	Boiler Tube Leakage Work Completed On 24/11/2018. Available Against Case 4 From 25/11/2018. Converted To COH From 00:00 Hrs of 05/12/2018 (For 40 Days)	
TPC-G	Trombay 5	500	11/01/2019	23.56		Continued.	Annual Overhaul	
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.	
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	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
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.	Zero Schedule.	
MSPGCL	Koyana Unit 1	70	26/11/2018	00.00		Continued.	Oil Cooler Leakage.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	14/12/2018	03.00		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-3	270	14/12/2018	16.30		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	RPL(AMT) U-2	270	27/12/2018	19.30		Continued.	Zero Schedule.	
IPP	RPL(AMT) U-5	270	28/12/2018	19.30		Continued.	Zero Schedule.	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	09/01/2019	19.30		Continued.	Zero Schedule	
IPP	Dhariwal	300	12/01/2019	10.15		Continued.	Coal Shortage	
MSPGCL	Parli Unit 8	250	12/01/2019	12.00		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Koradi Unit 10	660	15/01/2019	23.25		Continued.	Condenser Tube Cleaning Work & PCR.	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/Jan/2019

Position as on 6.30 Hrs of 29/Jan/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 4	500	24/01/2019	08.14	28/01/2019	08.37	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	27/01/2019	02.17		Continued.	Withdrawn On RSD.	
MSPGCL	Khaparkheda Unit 4	210	28/01/2019	05.50	28/01/2019	08.23	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 29/Jan/2019

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	22/01/2019	17.30		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	27/01/2019	23.38	28/01/2019	19.15	T	Distance Protection,R Phase:Fault Current 1.92KA Trail Taken AT 04.38HRS But Not Successful And Declared As
Padghe - Kalwa-II	IntraState	25/01/2019	09.17		Continued.	PO	Dismantalling Erection & Conductor Replacement Work For MMRDA.
Bhusawal-Aurangabad	IntraState	25/01/2019	16.42	28/01/2019	11.34	HT	Over Voltage
Koradi-RattanIndia	IntraState	27/01/2019	21.27	28/01/2019	07.50	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	27/01/2019	21.35	28/01/2019	07.35	HT	Over Voltage
Padghe - Nagothane - I	IntraState	27/01/2019	23.34	28/01/2019	10.33	HT	Over Voltage
Chandrapur - Khaperkheda	IntraState	28/01/2019	11.50	28/01/2019	15.38	PO	Replacement of Flashover At Loc No.154
Babhaleshwar - Padghe-II	IntraState	28/01/2019	13.35	28/01/2019	15.55	T	Distance Protection,Zone-1,Dist =92.53KM,BPH FLT.CURR=3.789KA.
Bhusawal-Aurangabad	IntraState	28/01/2019	16.55		Continued.	HT	Over Voltage
Koradi-RattanIndia	IntraState	29/01/2019	00.29		Continued.	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/01/2019	00.31		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 600 MVA ICT 4 @Padghe	IntraState	25/01/2019	23.25	28/01/2019	01.54	PO	Oil Filtration Work.
400/220/33 Kv 600 MVA ICT 4 @Padghe	IntraState	28/01/2019	06.25	28/01/2019	08.10	HT	To Remove Gases.
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	28/01/2019	08.24	29/01/2019	00.07	PO	Routine Maintenance Work.Diagnostic Testing Work.
400/220kv 315 MVA ICT I @ Kolhapur	IntraState	28/01/2019	09.00	28/01/2019	17.54	PO	Annual Maintenance Work
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	28/01/2019	09.09	28/01/2019	20.02	PO	Bushing Tan Delta Measurement And Painting 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.
Talandage - Chikodi	InterState	28/01/2019	10.18	28/01/2019	18.50	PO	Routine Maintenance Work.Diagnostic Testing 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.
Vita-Khanapur(Mahuli Tap)	IntraState	28/01/2019	10.29	28/01/2019	15.22	PO	Testing Work Bay Equipment.
Karad(400kv) - Ogalewadi Ckt 2	IntraState	28/01/2019	10.47	28/01/2019	16.07	PO	Tan Delta Testing Of Ct And Wave Trap Hot Spot Work.
Nanded-Ghatodi	IntraState	28/01/2019	11.05	28/01/2019	18.14	PO	Line Maintenance work
Parly-Parly Extn.-II	IntraState	28/01/2019	11.24	28/01/2019	13.50	PO	R PH CT Leakage.
TALANDGE TILWANI CKT-II	IntraState	28/01/2019	19.45	28/01/2019	20.47	PO	For New CB Operation.
132 KV LINE Outages/Trippings							

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 28/Jan/2019

Statement-VII

Position as on 6.30 Hrs of 29/Jan/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Mansar Pench	InterState	22/01/2019	18.40		Continued.	HT	After Completion of Outage.
Kanhan-Pench	IntraState	22/01/2019	18.44		Continued.	HT	After Completion of Outage.