

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.546	3389.396	1) Gujrat	-0.507	16.969
2) Hydro	10.348	283.997	2) Madhya Pradesh	12.253	404.110
3) Gas	7.051	265.524	3) Chattisgarh	6.530	185.210
Total MSPGCL	138.945	3938.917	4) Maharashtra Net	110.081	3098.696
B) 1) APML	39.308	1288.691	5) Goa (Amona)	-0.594	-20.042
2) JSWEL	18.471	511.811	Total	127.763	3684.943
3) VIPL	10.007	300.295	a) Mumbai Schedule	19.015	673.294
4) RPL(AMT)	22.295	489.034	b) Mumbai Drawl	18.211	740.126
5) WPCL	4.008	113.815	c) MSEDCL Bilateral *	24.230	594.361
6) PGPL	0.000	0.000	Include PX	7.026	90.668
7) Other IPP	12.647	339.345	d) Mumbai Bilateral *	19.015	670.569
C) 1) TPCL Thermal	14.401	208.816	Include PX	3.525	178.955
2) TPCL Hydro	0.229	126.300	Include Standby	0.000	2.726
3) TPCL Gas	2.999	108.214	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.304	180.726	1) MSEDCL	361.839	10160.189
D) STATE			2) Mumbai Discoms	41.144	1364.190
1) Thermal	247.987	6821.929	TOTAL STATE	402.983	11524.379
(A1+C1+C4+(B1-B6))					
2) Hydro	10.577	410.297			
(A2+C2)					
3) Gas	10.050	373.738			
(A3+B6+C3)					
4) Wind	3.060	141.944			
6) SOLAR	3.546	91.520			
TOTAL STATE	275.220	7839.428			

* 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 3 Hrs
MSPGCL Thermal	5445	5450	4989	4454
MSPGCL Hydro	1449	856	204	120
MSPGCL Gas	285	281	286	308
MSPGCL Total Generation	7179	6587	5479	4882
Central Sector Receipt	6392	6354	5280	4632
WIND	143	150	125	57
CPP / IPP Thermal	4928	4954	4567	3812
CPP / IPP Gas	0	0	0	0
SOLAR	547	521	0	0
Exchange with Mumbai	-874	-828	-1053	-558
MSEDCL DEMAND MET	18315	17738	14398	12825
Load Shedding	0	0	0	0
MSEDCL DEMAND	18315	17738	14398	12825
TPCL GENERATION	874	881	644	625
R-INFRA GENERATION	253	253	191	193
MUMBAI DEMAND	2001	1962	1888	1376
STATE DEMAND MET	20316	19700	16286	14201
STATE DEMAND	20316	19700	16286	14201
Frequency (Hz)	49.95	49.93	50.00	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 18:01 Hrs	49.78 Hz at 08:17 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 28/Jan/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	23.40	0	0
Unit 8	12.31	291.81	580	460
Unit 9	12.93	245.64	660	460
Unit 10	0.00	210.38	0	0
Total	25.24	771.23		
Bhusawal				
Unit 3	0.00	46.65	0	0
Unit 4	9.94	250.98	490	350
Unit 5	10.00	281.06	500	355
Total	19.94	578.69		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.64	134.50	250	180
Unit 7	0.00	0.00	0	0
Unit 8	4.75	95.59	212	185
Total	9.39	230.09		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.34	284.14	480	361
Unit 6	0.00	22.82	0	0
Unit 7	10.45	282.73	477	364
Unit 8	0.00	0.00	0	0
Unit 9	10.94	286.97	491	360
Total	31.73	876.65		
Paras				
Unit 3	0.00	63.38	0	0
Unit 4	5.45	94.17	256	189
Total	5.45	157.55		
Khaparkheda				
Unit 1	3.70	48.17	160	145
Unit 2	3.84	111.23	160	160
Unit 3	0.00	0.00	0	0
Unit 4	3.89	110.21	166	160
Unit 5	10.18	278.97	480	360
Total	21.61	548.58		
Nasik				
Unit 3	4.21	89.46	193	155
Unit 4	3.97	115.07	173	160
Unit 5	0.00	22.07	0	0
Total	8.18	226.60		
Uran				
All Units	7.05	265.52	311	268
Total	7.05	265.52		
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)	0.14	4.13	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.14	4.13		
Koyna				
Stage 1-2	2.56	78.39	415	40
Stage 4	2.53	63.14	593	0
Stage 3	1.05	31.36	160	0
Total	6.15	172.89		
Hydro				
KDPH	0.87	17.05	37	36
VTRNA	0.99	25.30	60	0
TILLARI	0.00	3.95	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	7.39	77	0
RNGR+BHTSA	0.11	9.46	15	0
BHANDARDRA	0.46	1.95	27	14
ELDARY	0.00	0.33	0	0
SMLHY_PTN	0.60	19.15	35	22
GHATGHAR	1.01	26.54	125	0
Total	4.20	111.11		
Wind				
Total	3.06	141.94	0	0
Total	3.06	141.94		
CPP				
APML(Mus)	39.31	1288.69	0	0
JSWEL(Mus)	18.47	511.81	0	0
VIPL(Mus)	10.01	300.30	0	0
RPLAMT(Mus)	22.30	489.03	0	0
WPCL(Mus)	4.01	113.82	0	0
Other(Mus)	12.65	339.34	0	0
Total	106.74	3042.99		
SOLAR				
Total	3.55	91.52	0	0
Total	3.55	91.52		
Tata				
Trombay 5	9.15	115.21	486	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.71	67.35	73	67
Trombay 7B	1.29	40.87	55	52
Trombay 8	5.25	93.61	242	199
TATA Hydro	0.23	126.30	62	0
Total	17.63	443.33		
R-INFRA				
DTPS U-1&2	5.30	180.73	253	190
Total	5.30	180.73		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	121.55	3389.40	MSPGCL Total	138.94	3938.92
			MSPGCL Thml+Gas	128.60	3654.92	Koyna 1,2 & 4 Total	5.09	141.53
			MSPGCL Hydro	10.35	284.00	State Total	275.22	7839.43

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/Jan/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	4570	182	307	5059	73	3819	0	0	4777	4774	-700	13025	0	13025	1568	14593	49.95
2	4560	153	297	5010	62	3813	0	0	4719	4720	-633	12972	0	12972	1450	14422	49.99
3	4454	120	308	4882	57	3812	0	0	4703	4632	-558	12825	0	12825	1376	14201	49.99
4	4452	115	309	4876	61	3812	0	0	4701	4906	-511	13144	0	13144	1330	14474	49.98
5	4653	115	309	5077	79	3877	0	0	4726	4926	-519	13440	0	13440	1336	14776	49.97
6	5062	132	309	5503	96	4060	0	0	4963	5144	-596	14207	0	14207	1412	15619	49.98
7	5404	136	300	5840	111	4797	0	0	5307	5470	-555	15663	0	15663	1496	17159	50.01
8	5534	406	311	6251	136	4942	0	43	5471	5548	-547	16373	0	16373	1573	17946	49.93
9	5542	987	307	6836	113	4912	0	175	5469	5730	-601	17165	0	17165	1733	18898	49.90
10	5529	1207	295	7031	102	4956	0	342	5514	5685	-709	17407	0	17407	1870	19277	49.94
11	5468	1179	268	6915	72	4953	0	437	5841	5968	-864	17481	0	17481	1976	19457	49.87
12	5445	1449	285	7179	143	4928	0	547	6128	6392	-874	18315	0	18315	2001	20316	49.95
13	5450	856	281	6587	150	4954	0	521	5958	6354	-828	17738	0	17738	1962	19700	49.93
14	5471	673	278	6422	108	4961	0	488	5625	5999	-742	17236	0	17236	1858	19094	50.02
15	5456	467	281	6204	144	4797	0	452	5720	6089	-675	17011	0	17011	1786	18797	50.00
16	5467	457	280	6204	119	4738	0	322	5727	5809	-656	16536	0	16536	1759	18295	49.98
17	5538	281	282	6101	137	4917	0	180	5436	5557	-644	16248	0	16248	1738	17986	49.97
18	5220	186	284	5690	133	4638	0	39	5030	4808	-804	14504	0	14504	1746	16250	49.92
19	4989	204	286	5479	125	4567	0	0	5137	5280	-1053	14398	0	14398	1888	16286	50.00
20	4936	210	287	5433	187	4531	0	0	5144	5140	-1131	14160	0	14160	1974	16134	50.00
21	4819	210	288	5317	213	4348	0	0	5014	4713	-1124	13467	0	13467	1955	15422	49.98
22	4568	205	302	5075	186	3979	0	0	4976	4796	-1080	12956	0	12956	1902	14858	50.03
23	4471	200	293	4964	225	3791	0	0	4979	4783	-970	12793	0	12793	1791	14584	50.01
24	4488	218	304	5010	228	3834	0	0	4793	4540	-837	12775	0	12775	1664	14439	50.03
MUs	121.55	10.35	7.05	138.95	3.06	106.74	0.00	3.55	125.86	127.76	-18.21	361.84	0.00	361.84	41.14	402.98	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 28/Jan/2018

Position as on 6.30 Hrs of 29/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Chandrapur Unit-8	500	16/12/2017	00.16		Continued.	Annual Overhaul	
RINFRA-G	REL Unit 2	250	06/01/2018	00.46		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
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	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	De-commissioned on dt. 01.04.2017	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	De-commissioned on dt.02.03.2017	
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	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Khaparkhedda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
IPP	JSW (J) U2	300	01/12/2017	24.00		Continued.	no schedule.	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
MSPGCL	Parli Unit 7	250	03/12/2017	23.35		Continued.	Poor Coal Receipt.	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	commission of venting system.	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage	
MSPGCL	Nasik Unit 5	210	06/01/2018	06.30		Continued.	PA Fan Problem (Not available due to Coal shortage from 07.01.2018, 14:00Hrs)	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
MSPGCL	Uran Unit 8	108	17/01/2018	13.41		Continued.	vibration testing.	
IPP	RPL(AMT) U-2	270	19/01/2018	06.50		Continued.	Cooling Water Line Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/Jan/2018

Position as on 6.30 Hrs of 29/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koyana Unit 4	75	20/01/2018	08.50		Continued.	Thrust Bearing Temperature Problem	
MSPGCL	Paras Unit 3	250	21/01/2018	06.45		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 10	660	22/01/2018	09.30		Continued.	Maintenance work	
IPP	Adani U-3	660	23/01/2018	02.14		Continued.	APH-3A Current Hunting & Jamming.	
MSPGCL	Uran Unit 7	108	25/01/2018	16.25		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	25/01/2018	16.30		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 3	210	25/01/2018	23.59		Continued.	poor coal receipt.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 29/Jan/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	28/01/2018	11.04	28/01/2018	14.09	T	Reduced Voltage A.C.Filter Trip.
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	25/01/2018	17.05	28/01/2018	08.40	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	28/01/2018	16.06	29/01/2018	06.28	HT	Over Voltage
Main Bus-II @ Kolhapur	IntraState	27/01/2018	10.40	28/01/2018	20.36	PO	New Reactor Bus Jumpering Work.
Main Bus I @ Kalwa	IntraState	27/01/2018	12.25	28/01/2018	18.52	PO	Overhauling Of Isolators.
Khadka-Aurangabad (Waluj)	IntraState	27/01/2018	18.33	28/01/2018	11.02	HT	Over Voltage
karad -kolhapur-I	IntraState	27/01/2018	19.39		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	27/01/2018	19.41	28/01/2018	09.38	HT	Over Voltage
Padghe - Kalwa-II	IntraState	28/01/2018	09.10	28/01/2018	14.10	PO	Shifted On TBC.
Karad - Jaigad - II	IntraState	28/01/2018	17.09		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	28/01/2018	17.17	29/01/2018	06.26	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/01/2018	01.34	29/01/2018	06.27	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	28/01/2018	06.18	28/01/2018	09.02	PO	Shifted On TBC For Isolator Maintenance Work.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	28/01/2018	17.01	28/01/2018	20.26	PO	Overhauling Of 29 A Isolator & Replacement Of 29 D Isolator (ICT Taken On TBC)
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	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Kharghar-Borivali ckt II	IntraState	07/12/2017	12.23		Continued.	T	Distance Protection
Nagothane - Ipcl	IntraState	16/01/2018	11.42		Continued.	PO	Line Bunching Work For Height Rising For Railway Line.
IPCL - SPCL	IntraState	16/01/2018	12.07		Continued.	PO	Line Bunching Work Height Rising For Railway Line.
Kalwa - Taloja	IntraState	23/01/2018	10.28		Continued.	PO	Bunching Arrangement At LOC No 665 For Tower Height Rising Work At Railway Crossing.
Apta - Kalwa	IntraState	23/01/2018	10.59		Continued.	PO	Bunching Arrangement At LOC No 665 For Tower Height Rising Work At Railway Crossing.
Tata Borivli MSETCL Borivli 5	IntraState	28/01/2018	07.24	28/01/2018	18.01	PO	Routine Maintenance Work
Main Bus-I@Versova	IntraState	28/01/2018	09.17	28/01/2018	15.43	PO	Isoletor Maintenance Work.
Kalwa - Borivali	IntraState	28/01/2018	09.30	28/01/2018	17.44	PO	Red Hot Spot Attending Work.
Chinchwad-Hinjewadi I	IntraState	28/01/2018	11.05	28/01/2018	13.42	PO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)

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/2018

Statement-VII

Position as on 6.30 Hrs of 29/Jan/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/132 Kv 200 MVA ICT III @Ambazari	IntraState	28/01/2018	09.37	28/01/2018	18.50	PO	CTR NIFPS Test.