

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Jan/2018 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.523	3512.919	1) Gujrat	-1.574	15.395
2) Hydro	10.044	294.041	2) Madhya Pradesh	12.797	416.907
3) Gas	7.073	272.597	3) Chattisgarh	6.400	191.610
Total MSPGCL	140.640	4079.557	4) Maharashtra Net	117.582	3216.278
B) 1) APML	40.059	1328.750	5) Goa (Amona)	-0.748	-20.790
2) JSWEL	18.085	529.896	Total	134.457	3819.400
3) VIPL	9.999	310.294	a) Mumbai Schedule	21.622	694.916
4) RPL(AMT)	23.042	512.076	b) Mumbai Drawl	23.416	763.542
5) WPCL	4.209	118.024	c) MSEDCL Bilateral *	27.152	621.513
6) PGPL	0.000	0.000	Include PX	9.699	100.367
7) Other IPP	12.987	352.332	d) Mumbai Bilateral *	21.622	692.190
C) 1) TPCL Thermal	14.816	223.632	Include PX	7.056	186.011
2) TPCL Hydro	3.323	129.623	Include Standby	0.000	2.726
3) TPCL Gas	3.050	111.264	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.340	186.066	1) MSEDCL	367.765	10527.954
D) STATE			2) Mumbai Discoms	49.945	1414.135
1) Thermal	252.060	7073.989	TOTAL STATE	417.710	11942.089
(A1+C1+C4+(B1-B6))					
2) Hydro	13.367	423.664			
(A2+C2)					
3) Gas	10.123	383.861			
(A3+B6+C3)					
4) Wind	4.082	146.026			
6) SOLAR	3.621	95.141			
TOTAL STATE	283.253	8122.681			

* 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	5581	5580	5238	4437
MSPGCL Hydro	622	533	300	134
MSPGCL Gas	282	279	282	307
MSPGCL Total Generation	6485	6392	5820	4878
Central Sector Receipt	6933	7108	5551	4369
WIND	180	143	233	113
CPP / IPP Thermal	5032	4946	4752	3847
CPP / IPP Gas	0	0	0	0
SOLAR	497	535	0	0
Exchange with Mumbai	-1169	-1170	-1383	-528
MSEDCL DEMAND MET	17958	17954	14973	12679
Load Shedding	0	0	0	0
MSEDCL DEMAND	17958	17954	14973	12679
TPCL GENERATION	1188	1164	889	627
R-INFRA GENERATION	252	252	217	193
MUMBAI DEMAND	2609	2586	2489	1348
STATE DEMAND MET	20567	20540	17462	14027
STATE DEMAND	20567	20540	17462	14027
Frequency (Hz)	49.79	49.99	49.95	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 13:01 Hrs	49.75 Hz at 06:40 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 29/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	12.43	304.25	615	360
Unit 9	11.35	256.99	531	361
Unit 10	0.00	210.38	0	0
Total	23.78	795.02		
Bhusawal				
Unit 3	0.00	46.65	0	0
Unit 4	10.49	261.47	500	345
Unit 5	10.53	291.60	500	350
Total	21.02	599.71		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.46	139.96	250	187
Unit 7	0.00	0.00	0	0
Unit 8	5.04	100.63	248	184
Total	10.50	240.60		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.48	294.61	470	360
Unit 6	0.00	22.82	0	0
Unit 7	10.76	293.49	479	360
Unit 8	0.00	0.00	0	0
Unit 9	10.89	297.86	490	357
Total	32.13	908.78		
Paras				
Unit 3	0.00	63.38	0	0
Unit 4	5.59	99.76	258	192
Total	5.59	163.14		
Khaparkheda				
Unit 1	3.75	51.92	165	140
Unit 2	3.86	115.08	165	160
Unit 3	0.00	0.00	0	0
Unit 4	3.88	114.09	165	160
Unit 5	10.77	289.74	500	360
Total	22.26	570.83		
Nasik				
Unit 3	4.23	93.69	193	160
Unit 4	4.01	119.08	173	162
Unit 5	0.00	22.07	0	0
Total	8.24	234.84		
Uran				
All Units	7.07	272.60	336	265
Total	7.07	272.60		
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)	0.07	4.20	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	4.20		
Koyna				
Stage 1-2	2.60	81.00	460	40
Stage 4	1.89	65.03	250	0
Stage 3	0.85	32.21	142	0
Total	5.34	178.23		
Hydro				
KDPH	0.87	17.92	37	36
VTRNA	1.04	26.34	61	0
TILLARI	0.00	3.95	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	7.47	40	0
RNGR+BHTSA	0.38	9.84	16	15
BHANDARDRA	0.46	2.40	27	14
ELDARY	0.00	0.33	0	0
SMLHY_PTN	0.71	19.86	40	27
GHATGHAR	1.16	27.70	125	0
Total	4.70	115.81		
Wind				
Total	4.08	146.03	0	0
Total	4.08	146.03		
CPP				
APML(Mus)	40.06	1328.75	0	0
JSWEL(Mus)	18.08	529.90	0	0
VIPL(Mus)	10.00	310.29	0	0
RPLAMT(Mus)	23.04	512.08	0	0
WPCL(Mus)	4.21	118.02	0	0
Other(Mus)	12.99	352.33	0	0
Total	108.38	3151.37		
SOLAR				
Total	3.62	95.14	0	0
Total	3.62	95.14		
Tata				
Trombay 5	9.54	124.75	489	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.74	69.09	80	67
Trombay 7B	1.31	42.17	57	52
Trombay 8	5.28	98.88	241	200
TATA Hydro	3.32	129.62	331	0
Total	21.19	464.52		
R-INFRA				
DTPS U-1&2	5.34	186.07	253	192
Total	5.34	186.07		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	123.52	3512.92	MSPGCL Total	140.64	4079.56
			MSPGCL Thml+Gas	130.60	3785.52	Koyna 1,2 & 4 Total	4.49	146.03
			MSPGCL Hydro	10.04	294.04	State Total	283.25	8122.68

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	4442	192	295	4929	153	3874	0	0	4607	4583	-702	12837	0	12837	1520	14357	49.98
2	4433	148	307	4888	130	3863	0	0	4501	4360	-593	12648	0	12648	1410	14058	50.00
3	4437	134	307	4878	113	3847	0	0	4491	4369	-528	12679	0	12679	1348	14027	49.97
4	4432	134	309	4875	119	3881	0	0	4490	4394	-492	12777	0	12777	1307	14084	50.00
5	4514	143	297	4954	155	3884	0	0	4658	4817	-512	13298	0	13298	1326	14624	49.98
6	5276	151	308	5735	190	4225	0	0	4912	4857	-648	14359	0	14359	1464	15823	49.95
7	5491	373	309	6173	153	4848	0	0	5186	5649	-688	16135	0	16135	1699	17834	49.93
8	5506	665	308	6479	208	4989	0	43	5920	6186	-708	17197	0	17197	1890	19087	49.95
9	5550	592	299	6441	192	5057	0	185	6020	6336	-817	17394	0	17394	2151	19545	49.94
10	5590	540	303	6433	159	5002	0	331	6111	6371	-987	17309	0	17309	2402	19711	49.95
11	5574	511	287	6372	167	5009	0	446	6458	6790	-1200	17584	0	17584	2572	20156	49.98
12	5581	622	282	6485	180	5032	0	497	6689	6933	-1169	17958	0	17958	2609	20567	49.79
13	5580	533	279	6392	143	4946	0	535	6560	7108	-1170	17954	0	17954	2586	20540	49.99
14	5567	569	277	6413	167	4814	0	516	6197	6949	-1084	17775	0	17775	2461	20236	50.02
15	5491	754	265	6510	113	4656	0	454	6312	6569	-1133	17169	0	17169	2489	19658	50.01
16	5497	944	274	6715	129	4650	0	351	6332	6593	-1156	17282	0	17282	2501	19783	49.96
17	5463	953	276	6692	144	4662	0	210	5773	6003	-1143	16568	0	16568	2507	19075	49.97
18	5413	679	271	6363	162	4818	0	53	5339	5008	-1119	15285	0	15285	2489	17774	49.96
19	5238	300	282	5820	233	4752	0	0	5497	5551	-1383	14973	0	14973	2489	17462	49.95
20	5134	288	294	5716	275	4742	0	0	5529	5597	-1399	14931	0	14931	2462	17393	50.01
21	4979	212	300	5491	208	4573	0	0	5368	5047	-1409	13910	0	13910	2319	16229	49.99
22	4714	207	304	5225	183	4242	0	0	5158	5092	-1261	13481	0	13481	2152	15633	50.00
23	4833	195	304	5332	186	4044	0	0	4921	4696	-1150	13108	0	13108	1989	15097	49.98
24	4788	205	336	5329	220	3971	0	0	4725	4599	-965	13154	0	13154	1803	14957	49.99
MUs	123.52	10.04	7.07	140.64	4.08	108.38	0.00	3.62	131.75	134.46	-23.42	367.76	0.00	367.76	49.94	417.71	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 29/Jan/2018

Position as on 6.30 Hrs of 30/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	
MSPGCL	Koyana Unit 4	75	20/01/2018	08.50		Continued.	Thrust Bearing Temperature Problem, converted to COH w.e.f 25.01.2018	
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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	Khaparkheda 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.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/Jan/2018

Position as on 6.30 Hrs of 30/Jan/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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 (not available due to coal shortage w.e.f 28.01.2018)	
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	29/01/2018	20.45	Gas shortage	
MSPGCL	Uran Unit B0	120	25/01/2018	16.30	30/01/2018	04.31	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 29/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 30/Jan/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 II	InterState	28/01/2018	16.06	29/01/2018	06.28	HT	Over Voltage
Dabhol Nagothane I	InterState	29/01/2018	15.56	29/01/2018	18.22	HT	Due To Heavy Oil Leakage In CB.
Dhule Sar'Sarovar I	InterState	29/01/2018	17.53		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	27/01/2018	19.39	29/01/2018	09.32	HT	Over Voltage
Karad - Jaigad - II	IntraState	28/01/2018	17.09	29/01/2018	09.28	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
Chandrapur-II - Nanded ckt I	IntraState	29/01/2018	10.07	29/01/2018	13.11	PO	Routine Maintenance Work
Chandrapur-II - Nanded ckt I	IntraState	29/01/2018	14.28	29/01/2018	15.44	HT	Due To Abnormal Sound.
Jaigad-Karad Ckt-I	IntraState	29/01/2018	17.08		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	29/01/2018	17.09		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	29/01/2018	17.52	30/01/2018	06.50	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	30/01/2018	00.03	30/01/2018	06.52	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	29/01/2018	10.08	29/01/2018	18.50	PO	Routine Maintenance 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.
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.
Badnera - Amravati	IntraState	29/01/2018	09.37	29/01/2018	18.45	PO	Repl. Line Side Isolator Under Les Scheme.
Nagothane - Posco	IntraState	29/01/2018	09:23	29/01/2018	18:40	PO	Jumper Replacement Work.
Dahanu Ghodbunder Line 2	IntraState	30/01/2018	02.15	30/01/2018	3.57	T	Distance Protection
Dahanu Ghodbunder Line 1	IntraState	30/01/2018	02.15	30/01/2018	3.55	T	Distance Protection
Dahanu Ghodbunder Line 1	IntraState	30/01/2018	04.31		Continued.	T	Distance Protection
Dahanu Ghodbunder Line 2	IntraState	30/01/2018	04.31		Continued.	T	Distance Protection
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

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 29/Jan/2018

Statement-VII

Position as on 6.30 Hrs of 30/Jan/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							commissioning)
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 100 Mva lbt Ptr @Old Gcr Parli	IntraState	29/01/2018	11.44	29/01/2018	14.44	PO	SF6 Gas Leakage From Breaker Pole
220/132 Kv 200 MVA ICT II @Kalmeshwar	IntraState	29/01/2018	15.58	29/01/2018	16.40	PO	Attending Oil Leakage

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