

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.064	3148.652	1) Gujrat	-1.746	19.301
2) Hydro	4.558	264.146	2) Madhya Pradesh	13.158	378.312
3) Gas	7.042	251.413	3) Chattisgarh	6.710	172.210
Total MSPGCL	124.664	3664.211	4) Maharashtra Net	102.133	2885.151
B) 1) APML	36.320	1210.211	5) Goa (Amona)	-0.660	-18.810
2) JSWEL	16.394	475.407	Total	119.595	3436.164
3) VIPL	9.042	281.217	a) Mumbai Schedule	17.309	633.661
4) RPL(AMT)	19.461	444.775	b) Mumbai Drawl	20.686	702.184
5) WPCL	2.519	106.365	c) MSEDCL Bilateral *	17.289	546.683
6) PGPL	0.000	0.000	Include PX	-0.317	78.377
7) Other IPP	12.654	314.515	d) Mumbai Bilateral *	17.309	630.935
C) 1) TPCL Thermal	12.753	180.167	Include PX	4.201	169.631
2) TPCL Hydro	0.394	123.129	Include Standby	0.000	2.726
3) TPCL Gas	3.159	102.200	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	4.748	169.826	1) MSEDCL	328.182	9450.566
D) STATE			2) Mumbai Discoms	41.740	1277.513
1) Thermal	226.955	6331.135	TOTAL STATE	369.922	10728.079
(A1+C1+C4+(B1-B6))					
2) Hydro	4.952	387.275			
(A2+C2)					
3) Gas	10.201	353.613			
(A3+B6+C3)					
4) Wind	4.351	135.361			
6) SOLAR	3.868	84.524			
TOTAL STATE	250.327	7291.908			

* 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 20 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5092	5342	4421	4419
MSPGCL Hydro	552	303	184	167
MSPGCL Gas	282	280	287	304
MSPGCL Total Generation	5926	5925	4892	4890
Central Sector Receipt	5513	5572	4815	3382
WIND	214	175	116	100
CPP / IPP Thermal	4297	4242	3720	3737
CPP / IPP Gas	0	0	0	0
SOLAR	527	562	0	0
Exchange with Mumbai	-1047	-1045	-1179	-816
MSEDCL DEMAND MET	15430	15431	12364	11293
Load Shedding	0	0	0	0
MSEDCL DEMAND	15430	15431	12364	11293
TPCL GENERATION	723	722	666	645
R-INFRA GENERATION	190	190	193	192
MUMBAI DEMAND	1960	1957	2038	1653
STATE DEMAND MET	17390	17388	14402	12946
STATE DEMAND	17390	17388	14402	12946
Frequency (Hz)	49.97	49.97	50.01	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 14.00 Hrs	49.77 Hz at 06.11 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/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	10.70	267.80	539	360
Unit 9	10.84	220.69	551	360
Unit 10	0.00	210.38	0	0
Total	21.53	722.26		
Bhusawal				
Unit 3	0.00	46.65	0	0
Unit 4	8.98	231.08	485	345
Unit 5	9.08	261.05	490	345
Total	18.06	538.78		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.79	124.61	250	187
Unit 7	0.00	0.00	0	0
Unit 8	4.59	85.98	216	182
Total	9.38	210.59		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.00	264.26	475	354
Unit 6	0.00	22.82	0	0
Unit 7	9.92	262.01	472	360
Unit 8	0.00	0.00	0	0
Unit 9	10.08	265.19	488	358
Total	29.99	814.28		
Paras				
Unit 3	0.00	63.38	0	0
Unit 4	5.13	83.24	253	187
Total	5.13	146.62		
Khaparkheda				
Unit 1	3.64	40.90	170	130
Unit 2	3.72	103.71	170	140
Unit 3	0.00	0.00	0	0
Unit 4	3.72	102.54	168	140
Unit 5	9.97	258.68	500	358
Total	21.06	505.83		
Nasik				
Unit 3	3.98	81.10	191	161
Unit 4	3.93	107.13	171	157
Unit 5	0.00	22.07	0	0
Total	7.90	210.30		
Uran				
All Units	7.04	251.41	311	267
Total	7.04	251.41		
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)	0.13	3.85	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.13	3.85		
Koyna				
Stage 1-2	1.40	73.52	260	40
Stage 4	0.00	58.70	0	0
Stage 3	0.13	29.08	66	0
Total	1.53	161.30		
Hydro				
KDPH	0.44	15.52	19	18
VTRNA	1.00	23.33	61	0
TILLARI	0.00	3.95	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.19	7.09	80	0
RNGR+BHTSA	0.36	9.29	16	15
BHANDARDRA	0.46	1.02	27	14
ELDARY	0.00	0.33	0	0
SMLHY_PTN	0.55	17.96	33	20
GHATGHAR	0.04	24.36	25	0
Total	3.03	102.84		
Wind				
Total	4.35	135.36	0	0
Total	4.35	135.36		
CPP				
APML(Mus)	36.32	1210.21	0	0
JSWEL(Mus)	16.39	475.41	0	0
VIPL(Mus)	9.04	281.22	0	0
RPLAMT(Mus)	19.46	444.78	0	0
WPCL(Mus)	2.52	106.36	0	0
Other(Mus)	12.65	314.52	0	0
Total	96.39	2832.49		
SOLAR				
Total	3.87	84.52	0	0
Total	3.87	84.52		
Tata				
Trombay 5	7.84	96.99	466	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.84	63.92	83	65
Trombay 7B	1.32	38.28	57	50
Trombay 8	4.91	83.18	240	198
TATA Hydro	0.39	123.13	72	0
Total	16.31	405.50		
R-INFRA				
DTPS U-1&2	4.75	169.83	252	190
Total	4.75	169.83		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	113.06	3148.65	MSPGCL Total	124.66	3664.21
			MSPGCL Thml+Gas	120.11	3400.06	Koyna 1,2 & 4 Total	1.40	132.22
			MSPGCL Hydro	4.56	264.15	State Total	250.33	7291.91

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	4234	189	295	4718	149	3841	0	0	4814	4974	-782	12900	0	12900	1610	14510	49.93
2	4247	126	306	4679	186	3856	0	0	4739	4596	-646	12671	0	12671	1476	14147	49.96
3	4250	123	297	4670	171	3870	0	0	4752	4682	-565	12828	0	12828	1398	14226	49.98
4	4249	133	306	4688	220	3863	0	0	4776	4596	-530	12837	0	12837	1359	14196	49.99
5	4233	132	308	4673	222	3854	0	0	4910	5291	-537	13503	0	13503	1365	14868	49.94
6	4850	129	310	5289	229	4136	0	0	5406	5887	-592	14949	0	14949	1480	16429	49.94
7	5417	114	311	5842	283	4618	0	4	5982	5922	-521	16148	0	16148	1596	17744	49.96
8	5435	114	301	5850	283	4697	0	48	5974	5795	-584	16089	0	16089	1662	17751	50.02
9	5405	138	308	5851	260	4487	0	227	5823	5613	-873	15565	0	15565	1779	17344	50.01
10	4884	188	303	5375	264	4360	0	372	5496	5410	-996	14785	0	14785	1878	16663	49.93
11	4695	241	288	5224	253	4232	0	496	5504	5638	-1034	14809	0	14809	1922	16731	49.92
12	5092	552	282	5926	214	4297	0	527	5563	5513	-1047	15430	0	15430	1960	17390	49.97
13	5342	303	280	5925	175	4242	0	562	5590	5572	-1045	15431	0	15431	1957	17388	49.97
14	5118	185	278	5581	141	4218	0	523	5549	5529	-982	15010	0	15010	1845	16855	50.07
15	4887	180	267	5334	126	4069	0	488	5376	5485	-936	14566	0	14566	1791	16357	50.04
16	4858	193	277	5328	120	3823	0	356	5257	5380	-912	14095	0	14095	1756	15851	49.99
17	4874	198	280	5352	117	3803	0	216	4948	5043	-913	13618	0	13618	1757	15375	49.98
18	4449	183	284	4916	84	3737	0	49	4735	4434	-956	12264	0	12264	1800	14064	50.00
19	4420	269	286	4975	103	3723	0	0	4168	4619	-1067	12353	0	12353	1954	14307	49.94
20	4421	184	287	4892	116	3720	0	0	4503	4815	-1179	12364	0	12364	2038	14402	50.01
21	4435	172	299	4906	201	3721	0	0	3800	4193	-1134	11887	0	11887	2005	13892	49.99
22	4439	177	292	4908	204	3741	0	0	3699	3707	-1079	11481	0	11481	1910	13391	50.02
23	4411	168	293	4872	130	3745	0	0	3376	3519	-960	11306	0	11306	1789	13095	49.99
24	4419	167	304	4890	100	3737	0	0	3182	3382	-816	11293	0	11293	1653	12946	49.98
MUs	113.06	4.56	7.04	124.66	4.35	96.39	0.00	3.87	117.92	119.60	-20.69	328.18	0.00	328.18	41.74	369.92	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/Jan/2018

Position as on 6.30 Hrs of 27/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								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	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	
RGPPL	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.	
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 26/Jan/2018

Position as on 6.30 Hrs of 27/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	Ghatghar Unit-1	125	23/01/2018	17.00	26/01/2018	17.55	Bearing Cooling problem	
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.	
CPP	SWPGL U-4	135	26/01/2018	06.00		Continued.	Low Schedule	

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

Statement-VII

Position as on 6.30 Hrs of 27/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 I	InterState	25/01/2018	17.05		Continued.	HT	Over Voltage
Padgha Tarapur I	InterState	27/01/2018	02.03		Continued.	T	Distance Protection
N.Koyna-Karad -Ckt I	IntraState	25/01/2018	09.48		Continued.	PO	rfc 18.05 insulator cleaning work.
Khadka-Aurangabad (Waluj)	IntraState	25/01/2018	17.18		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	25/01/2018	18.18		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	26/01/2018	00.47		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt I	IntraState	26/01/2018	07.54		Continued.	PO	Repl.of Damaged Conductor(RFC 00.33 Hrs DT.27-1-18)
Girwali-Solapur (Lamboti)	IntraState	26/01/2018	17.28		Continued.	T	Distance Protection
Karad - Lonikand 1	IntraState	26/01/2018	22.56		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	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.
Versova Aarey Line 1	IntraState	26/01/2018	08.45	26/01/2018	14.19	PO	Safety purpose,Civil work
Parli 2 (Girwali)- Parbhani	IntraState	26/01/2018	10.08	26/01/2018	19.48	PO	Attending Oil Leakage
Apta - Taloja	IntraState	26/01/2018	17.05	26/01/2018	18.25	T	Distance Protection
Apta - Tambati	IntraState	26/01/2018	17.05	26/01/2018	18.45	T	LA Burst at HOCL end
Apta - Bombay Dyeing	IntraState	26/01/2018	17.05	26/01/2018	17.35	T	LA Burst at HOCL end
Apta - Hoc	IntraState	26/01/2018	17.05		Continued.	T	LA Burst at HOCL end
Bombay Dyeing - Sahara	IntraState	26/01/2018	17.05	26/01/2018	17.50	T	LA Burst at HOCL end
Uran - Hoc 1	IntraState	26/01/2018	17.05	26/01/2018	20.25	T	LA Burst at HOCL end
Uran - Apta II	IntraState	26/01/2018	17.05	26/01/2018	18.10	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 commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/100 Kv 200 MVA ICT IV @Apta	IntraState	26/01/2018	17.05	26/01/2018	18.22	T	LA Burst at HOCL end
220/100 kV 200 MVA ICT III @Apta	IntraState	26/01/2018	17.05	26/01/2018	18.22	T	LA Burst at HOCL end

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