

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Dec/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.643	3078.536	1) Gujrat	0.813	15.473
2) Hydro	5.436	142.964	2) Madhya Pradesh	13.110	336.354
3) Gas	10.667	255.411	3) Chattisgarh	6.590	179.140
Total MSPGCL	139.746	3476.911	4) Maharashtra Net	108.251	2885.432
B) 1) APML	53.522	1268.670	5) Goa (Amona)	-0.902	-23.496
2) JSWEL	17.031	433.752	Total	127.862	3392.903
3) VIPL	12.258	299.663	a) Mumbai Schedule	20.561	528.851
4) RPL(AMT)	5.251	227.645	b) Mumbai Drawl	23.787	582.683
5) WPCL	4.173	106.679	c) MSEDCL Bilateral *	23.695	812.173
6) PGPL	0.000	0.000	Include PX	-4.076	48.517
7) Other IPP	15.858	334.326	d) Mumbai Bilateral *	20.561	528.851
C) 1) TPCL Thermal	12.610	273.594	Include PX	3.081	28.264
2) TPCL Hydro	4.292	114.428	Include Standby	0.000	0.000
3) TPCL Gas	4.017	99.435	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.218	235.045	1) MSEDCL	362.903	9320.896
D) STATE			2) Mumbai Discoms	49.927	1305.187
1) Thermal	249.564	6257.910	TOTAL STATE	412.830	10626.083
(A1+C1+C4+(B1-B6))					
2) Hydro	9.728	257.392			
(A2+C2)					
3) Gas	14.684	354.846			
(A3+B6+C3)					
4) Wind	7.696	288.587			
6) SOLAR	3.293	74.443			
TOTAL STATE	284.965	7233.178			

* 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	5760	5732	4807	4721
MSPGCL Hydro	461	384	279	80
MSPGCL Gas	436	424	442	466
MSPGCL Total Generation	6657	6540	5528	5267
Central Sector Receipt	6599	6457	5722	3525
WIND	318	275	324	450
CPP / IPP Thermal	4984	4975	5167	3893
CPP / IPP Gas	0	0	0	0
SOLAR	476	501	0	0
Exchange with Mumbai	-1238	-1303	-1231	-602
MSEDCL DEMAND MET	17796	17445	15510	12533
Load Shedding	0	0	0	0
MSEDCL DEMAND	17796	17445	15510	12533
TPCL GENERATION	1118	1037	1068	610
R-INFRA GENERATION	250	222	249	191
MUMBAI DEMAND	2606	2562	2548	1403
STATE DEMAND MET	20402	20007	18058	13936
STATE DEMAND	20402	20007	18058	13936
Frequency (Hz)	49.98	49.99	50.01	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 13.00 Hrs	49.79 Hz at 16.13 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/Dec/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	42.96	0	0
Unit 8	10.00	139.19	478	348
Unit 9	0.00	232.29	0	0
Unit 10	10.55	149.90	530	380
Total	20.55	564.34		
Bhusawal				
Unit 3	4.32	67.87	200	155
Unit 4	8.50	219.84	505	0
Unit 5	8.40	221.44	505	0
Total	21.22	509.14		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.48	117.07	195	181
Unit 7	0.00	12.88	0	0
Unit 8	3.84	100.28	163	154
Total	8.31	230.23		
Chandrapur				
Unit 3	0.00	8.28	0	0
Unit 4	0.00	10.22	0	0
Unit 5	9.97	130.10	465	351
Unit 6	8.91	231.33	390	334
Unit 7	9.96	252.58	450	360
Unit 8	0.00	143.56	0	0
Unit 9	9.94	252.43	469	352
Total	38.78	1028.50		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.38	122.60	258	188
Total	5.38	122.60		
Khaparkheda				
Unit 1	3.63	31.82	160	135
Unit 2	3.78	97.38	160	155
Unit 3	0.00	0.00	0	0
Unit 4	3.86	41.13	164	158
Unit 5	10.03	250.54	470	356
Total	21.30	420.88		
Nasik				
Unit 3	3.99	103.80	195	155
Unit 4	0.00	69.94	0	0
Unit 5	4.10	29.09	195	163
Total	8.10	202.83		
Uran				
All Units	10.67	255.41	473	406
Total	10.67	255.41		
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)	0.42	6.76	48	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.42	6.76		
Koyna				
Stage 1-2	1.82	53.20	345	40
Stage 4	0.00	5.73	0	0
Stage 3	0.38	13.49	160	0
Total	2.20	72.42		
Hydro				
KDPH	0.00	6.31	0	0
VTRNA	0.63	6.53	61	0
TILLARI	0.67	9.38	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.08	5.79	40	0
RNGR+BHTSA	0.40	10.29	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.24	0.89	11	10
SMLHY_PTN	0.21	11.56	21	7
GHATGHAR	1.00	19.80	125	0
Total	3.24	70.54		
Wind				
Total	7.70	288.59	0	0
Total	7.70	288.59		
CPP				
APML(Mus)	53.52	1268.67	0	0
JSWEL(Mus)	17.03	433.75	0	0
VIPL(Mus)	12.26	299.66	0	0
RPLAMT(Mus)	5.25	227.64	0	0
WPCL(Mus)	4.17	106.68	0	0
Other(Mus)	15.86	334.33	0	0
Total	108.09	2670.74		
SOLAR				
Total	3.29	74.44	0	0
Total	3.29	74.44		
Tata				
Trombay 5	7.64	207.54	434	295
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.50	61.15	115	64
Trombay 7B	1.52	38.29	68	50
Trombay 8	4.98	66.05	249	198
TATA Hydro	4.29	114.43	399	44
Total	20.92	487.46		
R-INFRA				
DTPS U-1&2	5.22	235.04	252	191
Total	5.22	235.04		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	123.64	3078.54	MSPGCL Total	139.75	3476.91
			MSPGCL Thml+Gas	134.31	3333.95	Koyna 1,2 & 4 Total	1.82	58.93
			MSPGCL Hydro	5.44	142.96	State Total	284.96	7233.18

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/Dec/2017

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	4734	80	445	5259	406	3904	0	0	3858	3795	-749	12615	0	12615	1604	14219	49.97
2	4720	75	459	5254	433	3889	0	0	3812	3685	-654	12607	0	12607	1481	14088	49.99
3	4721	80	466	5267	450	3893	0	0	3658	3525	-602	12533	0	12533	1403	13936	50.00
4	4731	89	459	5279	442	3894	0	0	3615	3629	-566	12678	0	12678	1366	14044	49.97
5	4771	80	459	5310	430	3904	0	0	4091	3956	-569	13031	0	13031	1368	14399	49.98
6	4788	99	462	5349	549	3956	0	0	4867	4939	-669	14124	0	14124	1477	15601	49.97
7	5286	129	473	5888	500	4173	0	1	5590	5725	-741	15546	0	15546	1606	17152	49.99
8	5744	154	461	6359	469	4610	0	35	6082	6398	-838	17033	0	17033	1786	18819	49.95
9	5793	104	456	6353	370	4967	0	178	6236	6325	-1018	17175	0	17175	2073	19248	49.94
10	5762	125	452	6339	345	5101	0	332	6059	6117	-1091	17143	0	17143	2385	19528	49.92
11	5752	356	432	6540	352	5022	0	427	6471	6202	-1254	17289	0	17289	2560	19849	49.98
12	5760	461	436	6657	318	4984	0	476	6778	6599	-1238	17796	0	17796	2606	20402	49.98
13	5732	384	424	6540	275	4975	0	501	6703	6457	-1303	17445	0	17445	2562	20007	49.99
14	5707	305	421	6433	198	4889	0	475	6303	6424	-1200	17219	0	17219	2439	19658	49.97
15	5790	325	419	6534	136	4879	0	406	6301	6376	-1210	17121	0	17121	2479	19600	49.93
16	5775	320	406	6501	105	4854	0	295	6317	6242	-1198	16799	0	16799	2481	19280	49.90
17	5515	523	420	6458	141	4945	0	149	6220	6244	-1195	16742	0	16742	2483	19225	49.96
18	4965	624	434	6023	223	5112	0	18	5779	5698	-1177	15897	0	15897	2491	18388	49.98
19	4807	279	442	5528	324	5167	0	0	5717	5722	-1231	15510	0	15510	2548	18058	50.01
20	4636	208	433	5277	325	4844	0	0	6108	5477	-1390	14533	0	14533	2463	16996	50.01
21	4332	166	448	4946	243	4396	0	0	5632	5300	-1184	13701	0	13701	2319	16020	50.03
22	4512	195	451	5158	178	3915	0	0	4595	4838	-1009	13080	0	13080	2157	15237	50.01
23	4598	135	453	5186	193	3904	0	0	4159	4279	-902	12660	0	12660	1974	14634	49.98
24	4712	140	456	5308	291	3916	0	0	4035	3910	-799	12626	0	12626	1813	14439	50.02
MUs	123.64	5.44	10.67	139.75	7.70	108.09	0.00	3.29	128.99	127.86	-23.79	362.90	0.00	362.90	49.92	412.83	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/Dec/2017

Position as on 6.30 Hrs of 27/Dec/2017

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	
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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
IPP	Dhariwal	300	27/10/2017	17.31		Continued.	Drum level Not Maintained	
IPP	Adani U-3	660	17/11/2017	20.59		Continued.	Tripped on APS Bellow Leakage	
MSPGCL	Paras Unit 3	250	29/11/2017	22.55		Continued.	bunkering problem, Water shortage	
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.	
IPP	RPL(AMT) U-1	270	12/12/2017	08.49		Continued.	switch gear problem (Coal shortage from 17.12.2017, 00:00hrs)	
MSPGCL	Koradi Unit 7	210	13/12/2017	00.10		Continued.	poor coal receipt.	
IPP	RPL(AMT) U-4	270	15/12/2017	00.01		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 4	210	18/12/2017	09.50		Continued.	Boiler Tube Leakage, Not available on account of poor coal receipt from 14:00hrs of 21.12.2017	
IPP	RPL(AMT) U-2	270	22/12/2017	00.01		Continued.	zero schedule	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Dec/2017

Position as on 6.30 Hrs of 27/Dec/2017

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	22/12/2017	09.39		Continued.	Turbine oil Leakage	
MSPGCL	Koradi Unit 9	660	22/12/2017	16.35		Continued.	Tripped on Rotor Earth Fault	
RINFRA-G	REL Unit 1	250	23/12/2017	23.56	27/12/2017	04.29	Boiler Validity Extension.	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	commission of venting system.	
MSPGCL	Bhusawal Unit 4	500	26/12/2017	16.32	26/12/2017	19.27	Flame Failure	
MSPGCL	Bhusawal Unit 5	500	26/12/2017	17.20	26/12/2017	20.49	Flame Failure	
MSPGCL	Nasik Unit 3	210	27/12/2017	04.30		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 27/Dec/2017

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	24/12/2017	07.01		Continued.	PO	OLTC Work At Padgha End.
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	25/12/2017	17.23	26/12/2017	09.20	HT	Over Voltage
Akola Wardha li	InterState	26/12/2017	08.24	26/12/2017	19.52	PO	Insulator Replacement Work
Dhule Sar'Sarovar I	InterState	26/12/2017	17.07		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	25/12/2017	17.10	26/12/2017	10.34	HT	Over Voltage
Karad-Jaigad - I	IntraState	25/12/2017	17.15	26/12/2017	10.38	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	25/12/2017	17.23	26/12/2017	07.23	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	25/12/2017	22.29	26/12/2017	07.12	HT	Over Voltage
Akola II - Akola I Ckt-I	IntraState	26/12/2017	09.05	26/12/2017	15.22	PO	Quarterly Maintenance Work
Koradi III(Adani)-Korad II Ckt-I	IntraState	26/12/2017	09.16	26/12/2017	19.42	PO	fixing of corona rings.
karad -kolhapur-II	IntraState	26/12/2017	16.09		Continued.	T	Distance Protection. RFC at 19:48.
karad -kolhapur-I	IntraState	26/12/2017	16.09		Continued.	T	Distance Protection. RFC at 19:48.
Khadka-Aurangabad (Waluj)	IntraState	26/12/2017	17.08		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	26/12/2017	19.29		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	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
Kalwa - Mulund 1	IntraState	23/12/2017	08.45	26/12/2017	20.03	PO	Bay Stringing work at Mulund end.
Mahad - Pedambe	IntraState	26/12/2017	08.40	26/12/2017	19.40	PO	jumper nut bolt tightening work.
Satara (MIDC)-Ajinkyatara	IntraState	26/12/2017	10.35	26/12/2017	14.30	PO	Testing Work
Miraj - Ichalkaranji II	IntraState	26/12/2017	12.02	26/12/2017	18.16	PO	Testing Work
satara MIDC- Malharpeth	IntraState	26/12/2017	14.33	26/12/2017	17.15	PO	Quarterly Maintenance Work
Ambazari-Amravati	IntraState	26/12/2017	16.34	26/12/2017	18.34	PO	jumper replacement work.
Bhosari- Bhosari 2	IntraState	26/12/2017	21.52	27/12/2017	00.04	PO	Attending red Hot Spot on wave trap.
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 Bhel Ict 1 @Kalwa	IntraState	26/12/2017	08.21	26/12/2017	09.51	EO	Attending Hot Spot
220/132/11 Kv 200 Mva Cgl Ict 2 @Amravati	IntraState	26/12/2017	08.36	26/12/2017	16.09	PO	removing of jumper for replacement aux bus isolator.
220/132 kV 100MVA ICT-I @	IntraState	26/12/2017	15.19	26/12/2017	19.34	PO	Testing Work

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 26/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 27/Dec/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Shivajinagar							
132 KV LINE Outages/Trippings							
Parbhani-Gangakhed	IntraState	26/12/2017	19.32	26/12/2017	19.55	T	Distance Protection