

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 17/Dec/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	119.122	1991.072	1) Gujrat	0.720	18.318
2) Hydro	5.164	91.178	2) Madhya Pradesh	10.714	228.333
3) Gas	8.510	165.373	3) Chattisgarh	6.040	120.510
Total MSPGCL	132.796	2247.623	4) Maharashtra Net	100.609	1955.814
B) 1) APML	49.062	797.975	5) Goa (Amona)	-0.880	-15.312
2) JSWEL	17.350	279.715	Total	117.203	2307.663
3) VIPL	10.032	198.390	a) Mumbai Schedule	17.055	366.806
4) RPL(AMT)	9.021	163.220	b) Mumbai Drawl	18.115	389.859
5) WPCL	3.932	70.033	c) MSEDCL Bilateral *	26.985	593.414
6) PGPL	0.000	0.000	Include PX	-1.460	84.388
7) Other IPP	12.259	201.759	d) Mumbai Bilateral *	17.055	366.806
C) 1) TPCL Thermal	12.329	161.258	Include PX	-0.860	22.322
2) TPCL Hydro	0.904	80.142	Include Standby	0.000	0.000
3) TPCL Gas	3.640	65.219	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.001	164.467	1) MSEDCL	357.723	6093.156
D) STATE			2) Mumbai Discoms	43.989	860.945
1) Thermal	242.108	4027.889	TOTAL STATE	401.712	6954.101
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	6.068	171.320			
3) Gas (A3+B6+C3)	12.150	230.592			
4) Wind	21.185	170.158			
6) SOLAR	2.998	46.479			
TOTAL STATE	284.509	4646.438			

* 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 24 Hrs
MSPGCL Thermal	5314	5307	4909	4561
MSPGCL Hydro	253	291	199	125
MSPGCL Gas	297	334	422	423
MSPGCL Total Generation	5864	5932	5530	5109
Central Sector Receipt	6080	5553	5115	3094
WIND	1147	1090	880	921
CPP / IPP Thermal	4858	4831	4388	3918
CPP / IPP Gas	0	0	0	0
SOLAR	451	473	0	0
Exchange with Mumbai	-972	-946	-1021	-729
MSEDCL DEMAND MET	17428	16932	14892	12313
Load Shedding	0	0	0	0
MSEDCL DEMAND	17428	16932	14892	12313
TPCL GENERATION	724	723	704	691
R-INFRA GENERATION	375	374	374	375
MUMBAI DEMAND	2071	2043	2099	1795
STATE DEMAND MET	19499	18975	16991	14108
STATE DEMAND	19499	18975	16991	14108
Frequency (Hz)	49.98	49.98	50.03	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 06.02 Hrs	49.77 Hz at 08.17 Hrs	50.01	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 17/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	0.00	119.38	0	0
Unit 9	9.79	181.26	454	376
Unit 10	9.84	53.64	478	380
Total	19.64	397.24		
Bhusawal				
Unit 3	3.76	31.78	160	155
Unit 4	8.46	134.94	360	345
Unit 5	8.50	135.84	365	350
Total	20.72	302.56		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.50	77.03	191	184
Unit 7	0.00	12.88	0	0
Unit 8	3.94	66.38	170	159
Total	8.43	156.29		
Chandrapur				
Unit 3	0.00	8.28	0	0
Unit 4	0.00	10.22	0	0
Unit 5	9.68	41.51	455	353
Unit 6	8.90	151.21	400	336
Unit 7	9.71	164.60	457	351
Unit 8	0.00	143.56	0	0
Unit 9	9.64	165.34	456	348
Total	37.92	684.72		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.04	75.50	256	185
Total	5.04	75.50		
Khaparkheda				
Unit 1	2.70	5.76	150	0
Unit 2	3.70	63.42	160	150
Unit 3	0.00	0.00	0	0
Unit 4	3.89	7.23	165	155
Unit 5	9.36	161.90	440	356
Total	19.65	238.31		
Nasik				
Unit 3	3.84	68.05	163	157
Unit 4	3.88	68.40	166	157
Unit 5	0.00	0.00	0	0
Total	7.72	136.44		
Uran				
All Units	8.51	165.37	439	284
Total	8.51	165.37		
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)	0.18	3.53	52	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.18	3.53		
Koyna				
Stage 1-2	1.70	33.60	260	40
Stage 4	0.00	5.07	0	0
Stage 3	0.20	8.97	80	0
Total	1.91	47.63		
Hydro				
KDPH	0.43	5.08	18	18
VTRNA	0.00	0.02	0	0
TILLARI	0.37	6.29	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	4.25	40	0
RNGR+BHTSA	0.40	6.72	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	1.18	8.23	59	46
GHATGHAR	0.73	12.94	125	0
Total	3.26	43.54		
Wind				
Total	21.18	170.16	0	0
Total	21.18	170.16		
CPP				
APML(Mus)	49.06	797.98	0	0
JSWEL(Mus)	17.35	279.72	0	0
VIPL(Mus)	10.03	198.39	0	0
RPLAMT(Mus)	9.02	163.22	0	0
WPCL(Mus)	3.93	70.03	0	0
Other(Mus)	12.26	201.76	0	0
Total	101.66	1711.09		
SOLAR				
Total	3.00	46.48	0	0
Total	3.00	46.48		
Tata				
Trombay 5	7.53	139.17	316	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.21	40.17	115	61
Trombay 7B	1.43	25.05	68	49
Trombay 8	4.80	22.09	202	198
TATA Hydro	0.90	80.14	105	0
Total	16.87	306.62		
R-INFRA				
DTPS U-1&2	9.00	164.47	376	374
Total	9.00	164.47		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	119.12	1991.07	MSPGCL Total	132.80	2247.62
			MSPGCL Thml+Gas	127.63	2156.44	Koyna 1,2 & 4 Total	1.70	38.67
			MSPGCL Hydro	5.16	91.18	State Total	284.51	4646.44

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	4730	132	293	5155	729	3793	0	0	4346	4131	-676	13132	0	13132	1713	14845	50.02
2	4726	122	302	5150	740	3852	0	0	3969	4033	-572	13202	0	13202	1579	14781	50.00
3	4735	122	292	5149	772	3914	0	0	3799	3965	-491	13310	0	13310	1496	14806	50.03
4	4734	127	293	5154	787	3939	0	0	3968	3932	-444	13368	0	13368	1447	14815	50.06
5	4748	122	304	5174	803	3932	0	0	4654	4265	-448	13726	0	13726	1450	15176	50.01
6	4799	127	295	5221	881	3962	0	0	4830	4998	-516	14546	0	14546	1523	16069	50.02
7	5222	122	294	5638	1018	4117	0	1	5547	5398	-543	15629	0	15629	1598	17227	50.02
8	5299	122	303	5724	979	4241	0	33	5882	5783	-555	16204	0	16204	1655	17859	49.91
9	5332	222	288	5842	844	4620	0	178	5590	5379	-648	16215	0	16215	1789	18004	49.90
10	5317	293	287	5897	930	4734	0	303	5379	5557	-758	16663	0	16663	1934	18597	49.95
11	5310	246	284	5840	1061	4843	0	407	5677	5832	-934	17049	0	17049	2035	19084	50.02
12	5314	253	297	5864	1147	4858	0	451	6045	6080	-972	17428	0	17428	2071	19499	49.98
13	5307	291	334	5932	1090	4831	0	473	5838	5553	-946	16932	0	16932	2043	18975	49.98
14	5247	267	408	5922	1041	4550	0	428	5677	5527	-877	16591	0	16591	1961	18552	50.02
15	5096	286	418	5800	930	4336	0	372	5617	5709	-785	16362	0	16362	1903	18265	49.98
16	5082	483	408	5973	854	4288	0	233	5608	5894	-758	16485	0	16485	1874	18359	50.01
17	5072	546	417	6035	717	4334	0	106	5233	5612	-757	16047	0	16047	1868	17915	50.03
18	5255	333	421	6009	683	4492	0	13	4890	4950	-811	15336	0	15336	1934	17270	50.02
19	4909	199	422	5530	880	4388	0	0	5190	5115	-1021	14892	0	14892	2099	16991	50.03
20	4616	192	434	5242	889	3960	0	0	4957	4850	-1055	13887	0	13887	2142	16029	50.00
21	4567	182	425	5174	826	3899	0	0	4323	4326	-1023	13202	0	13202	2111	15313	50.03
22	4563	125	429	5117	775	3916	0	0	3884	3767	-954	12622	0	12622	2036	14658	50.05
23	4581	125	439	5145	888	3937	0	0	3581	3454	-842	12582	0	12582	1933	14515	50.04
24	4561	125	423	5109	921	3918	0	0	3316	3094	-729	12313	0	12313	1795	14108	50.03
MUs	119.12	5.16	8.51	132.80	21.19	101.66	0.00	3.00	117.80	117.20	-18.11	357.72	0.00	357.72	43.99	401.71	50.01

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 17/Dec/2017

Position as on 6.30 Hrs of 18/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 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	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	RPL(AMT) U-2	270	10/11/2017	00.00	17/12/2017	00.31	Coal Shortage	
MSPGCL	Nasik Unit 5	210	16/11/2017	04.45		Continued.	Flame Failure, withdrawn due to coal shortage since 20.11.2017 at 11:00Hrs	
IPP	Adani U-3	660	17/11/2017	20.59		Continued.	Tripped on APS Bellow Leakage	
CPP	IEPL Unit 1	270	22/11/2017	23.50		Continued.	Electrical fault	
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.	
MSPGCL	Koradi Unit-8	660	14/12/2017	19.27		Continued.	Poor Coal Receipt	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Dec/2017

Position as on 6.30 Hrs of 18/Dec/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-4	270	15/12/2017	00.01		Continued.	Coal Shortage	
MSPGCL	Uran Unit 8	108	15/12/2017	08.00	17/12/2017	11.22	Drum level low	
MSPGCL	Khaparkheda Unit 1	210	17/12/2017	19.35		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 18/Dec/2017

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
Dabhol Nagothane I	InterState	13/12/2017	07.50	17/12/2017	09.33	PO	cold washing, insul. repl and miscl. work.(RFC 20.30 DT.14-12-2017)
Dhule Sar'Sarovar I	InterState	14/12/2017	18.06	17/12/2017	11.32	HT	Over Voltage
Dabhol Nagothane II	InterState	17/12/2017	09.48		Continued.	T	Emergency Work At Dabhol End.
Dhule Sar'Sarovar II	InterState	17/12/2017	17.12		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	16/12/2017	18.01	17/12/2017	08.42	HT	Over Voltage
Karad-Jaigad - I	IntraState	16/12/2017	18.09		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	16/12/2017	18.10	18/12/2017	06.27	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	17/12/2017	08.57	17/12/2017	12.19	PO	Work Down By Powergrid.
Parly(MS)- Nanded ckt II	IntraState	17/12/2017	10.05	17/12/2017	15.54	PO	Line Maintenance work
Babhaleshwar - Padghe-II	IntraState	17/12/2017	11.34	17/12/2017	17.50	PO	Emergency Outage For Hot Spot Attending.
Khadka-Aurangabad (Waluj)	IntraState	17/12/2017	17.16		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	17/12/2017	20.34	18/12/2017	06.44	HT	Over Voltage
karad -kolhapur-II	IntraState	18/12/2017	06.28		Continued.	HT	Heavy Sparking On Isolater
400 KV ICT Outages/Trippings							
400/220 kV 167 MVA Spare ICT @Deepnagar	IntraState	10/12/2017	08.52		Continued.	T	Replacement of ICT-1 R-PH CT.
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	13/12/2017	20.54		Continued.	T	Differential protection
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
Dasturi-Kandalgaon Line	IntraState	14/12/2017	14.58	18/12/2017	01.38	PO	Bus Outage At Kandalgaon And CB Work At Dasturi.
Bableshwar- Bableshwar-II	IntraState	17/12/2017	06.19	17/12/2017	07.39	T	Distance Protection
Kalwa Salsette III	IntraState	17/12/2017	07.50	17/12/2017	14.31	PO	For Safety Purpose.
Trombay Salsette 1 Backbay	IntraState	17/12/2017	08.47	17/12/2017	18.00	PO	Closer Inspection.
Kalwa - Mulund 2	IntraState	17/12/2017	09.04	17/12/2017	16.30	PO	C T Replacement.
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)
220/22 Kv 50 Mva Vijai Ptr 2 @Urse	IntraState	17/12/2017	20.16	17/12/2017	22.30	T	Differential protection

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