

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Dec/2017 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.437	3200.973	1) Gujrat	0.585	16.058
2) Hydro	4.532	147.496	2) Madhya Pradesh	12.752	349.106
3) Gas	10.992	266.403	3) Chattisgarh	6.730	185.870
Total MSPGCL	137.961	3614.872	4) Maharashtra Net	104.046	2989.478
B) 1) APML	53.582	1322.252	5) Goa (Amona)	-0.902	-24.398
2) JSWEL	19.068	452.820	Total	123.211	3516.114
3) VIPL	11.624	311.287	a) Mumbai Schedule	18.877	547.728
4) RPL(AMT)	5.019	232.664	b) Mumbai Drawl	20.403	603.086
5) WPCL	4.214	110.893	c) MSEDCL Bilateral *	22.571	834.744
6) PGPL	0.000	0.000	Include PX	-5.100	43.416
7) Other IPP	15.105	349.431	d) Mumbai Bilateral *	18.877	547.728
C) 1) TPCL Thermal	12.667	286.261	Include PX	0.332	28.596
2) TPCL Hydro	4.280	118.708	Include Standby	0.000	0.000
3) TPCL Gas	4.284	103.719	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.078	244.123	1) MSEDCL	360.859	9681.755
D) STATE			2) Mumbai Discoms	50.712	1355.899
1) Thermal	252.794	6510.704	TOTAL STATE	411.571	11037.654
(A1+C1+C4+(B1-B6))					
2) Hydro	8.812	266.204			
(A2+C2)					
3) Gas	15.276	370.122			
(A3+B6+C3)					
4) Wind	8.098	296.685			
6) SOLAR	3.380	77.823			
TOTAL STATE	288.360	7521.538			

* 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	5473	5605	5199	4772
MSPGCL Hydro	370	292	209	77
MSPGCL Gas	438	423	535	459
MSPGCL Total Generation	6281	6320	5943	5308
Central Sector Receipt	6046	6012	5507	3652
WIND	314	163	200	458
CPP / IPP Thermal	5171	5108	4760	3859
CPP / IPP Gas	0	0	0	0
SOLAR	487	492	0	0
Exchange with Mumbai	-1050	-1048	-1133	-523
MSEDCL DEMAND MET	17249	17047	15277	12754
Load Shedding	0	0	0	0
MSEDCL DEMAND	17249	17047	15277	12754
TPCL GENERATION	1111	1098	1037	681
R-INFRA GENERATION	503	502	376	252
MUMBAI DEMAND	2664	2648	2546	1456
STATE DEMAND MET	19913	19695	17823	14210
STATE DEMAND	19913	19695	17823	14210
Frequency (Hz)	49.94	49.98	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 05.07 Hrs	49.77 Hz at 11.11 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 27/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	9.87	149.06	487	345
Unit 9	0.00	232.29	0	0
Unit 10	11.12	161.02	555	380
Total	20.99	585.33		
Bhusawal				
Unit 3	4.01	71.88	200	150
Unit 4	9.28	229.12	475	350
Unit 5	9.46	230.90	500	350
Total	22.75	531.90		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.46	121.53	191	181
Unit 7	0.00	12.88	0	0
Unit 8	3.90	104.18	167	158
Total	8.35	238.59		
Chandrapur				
Unit 3	0.00	8.28	0	0
Unit 4	0.00	10.22	0	0
Unit 5	10.06	140.16	465	350
Unit 6	8.82	240.15	390	335
Unit 7	10.03	262.60	458	345
Unit 8	0.00	143.56	0	0
Unit 9	10.00	262.43	462	350
Total	38.89	1067.40		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.30	127.90	251	185
Total	5.30	127.90		
Khaparkheda				
Unit 1	3.61	35.44	160	130
Unit 2	3.78	101.17	160	135
Unit 3	0.00	0.00	0	0
Unit 4	3.85	44.98	164	155
Unit 5	10.14	260.68	470	360
Total	21.39	442.26		
Nasik				
Unit 3	0.69	104.49	163	0
Unit 4	0.00	69.94	0	0
Unit 5	4.08	33.17	199	160
Total	4.76	207.60		
Uran				
All Units	10.99	266.40	535	420
Total	10.99	266.40		
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)	0.40	7.15	45	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.40	7.15		
Koyna				
Stage 1-2	1.49	54.69	225	0
Stage 4	0.00	5.73	0	0
Stage 3	0.67	14.16	160	0
Total	2.16	74.59		
Hydro				
KDPH	0.00	6.31	0	0
VTRNA	0.88	7.41	60	0
TILLARI	0.13	9.50	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	6.01	57	0
RNGR+BHTSA	0.40	10.69	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.24	1.13	10	9
SMLHY_PTN	0.30	11.86	23	9
GHATGHAR	0.20	20.00	125	0
Total	2.37	72.91		
Wind				
Total	8.10	296.68	0	0
Total	8.10	296.68		
CPP				
APML(Mus)	53.58	1322.25	0	0
JSWEL(Mus)	19.07	452.82	0	0
VIPL(Mus)	11.62	311.29	0	0
RPLAMT(Mus)	5.02	232.66	0	0
WPCL(Mus)	4.21	110.89	0	0
Other(Mus)	15.10	349.43	0	0
Total	108.61	2779.35		
SOLAR				
Total	3.38	77.82	0	0
Total	3.38	77.82		
Tata				
Trombay 5	7.65	215.19	374	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.70	63.85	116	103
Trombay 7B	1.58	39.87	68	62
Trombay 8	5.02	71.07	247	200
TATA Hydro	4.28	118.71	381	0
Total	21.23	508.69		
R-INFRA				
DTPS U-1&2	9.08	244.12	503	251
Total	9.08	244.12		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.44	3200.97	MSPGCL Total	137.96	3614.87
			MSPGCL Thml+Gas	133.43	3467.38	Koyna 1,2 & 4 Total	1.49	60.42
			MSPGCL Hydro	4.53	147.50	State Total	288.36	7521.54

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	4807	113	460	5380	398	3852	0	0	3781	3791	-712	12709	0	12709	1647	14356	49.98
2	4781	82	460	5323	361	3849	0	0	3631	3908	-595	12846	0	12846	1527	14373	49.99
3	4772	77	459	5308	458	3859	0	0	3624	3652	-523	12754	0	12754	1456	14210	50.00
4	4765	77	472	5314	502	3857	0	0	3785	3712	-478	12907	0	12907	1412	14319	49.97
5	4672	92	465	5229	485	3874	0	0	4076	4309	-454	13443	0	13443	1428	14871	50.00
6	4608	82	463	5153	451	3926	0	0	4894	5084	-454	14160	0	14160	1534	15694	49.99
7	5153	82	463	5698	512	4439	0	2	5503	5764	-596	15819	0	15819	1653	17472	49.95
8	5357	262	475	6094	517	4837	0	47	5952	5966	-723	16738	0	16738	1831	18569	49.91
9	5354	423	470	6247	404	5104	0	205	6080	6056	-725	17291	0	17291	2137	19428	49.90
10	5361	440	445	6246	406	5011	0	343	6128	5970	-953	17023	0	17023	2427	19450	49.95
11	5282	401	445	6128	375	5173	0	444	6254	6237	-1088	17269	0	17269	2617	19886	49.96
12	5473	370	438	6281	314	5171	0	487	6404	6046	-1050	17249	0	17249	2664	19913	49.94
13	5605	292	423	6320	163	5108	0	492	6134	6012	-1048	17047	0	17047	2648	19695	49.98
14	5603	226	420	6249	108	5089	0	467	6124	5917	-1091	16739	0	16739	2501	19240	50.00
15	5562	149	421	6132	86	5061	0	422	6116	6116	-1095	16722	0	16722	2519	19241	49.94
16	5547	141	442	6130	82	5035	0	305	6114	5983	-1086	16449	0	16449	2504	18953	49.93
17	5518	185	483	6186	68	4936	0	145	5972	5994	-1067	16262	0	16262	2505	18767	49.91
18	5505	183	509	6197	130	4801	0	21	5562	5423	-1080	15492	0	15492	2499	17991	49.99
19	5199	209	535	5943	200	4760	0	0	5320	5507	-1133	15277	0	15277	2546	17823	49.99
20	5012	187	444	5643	253	4580	0	0	5213	5343	-1086	14733	0	14733	2475	17208	49.99
21	4793	140	445	5378	284	4299	0	0	5113	4840	-1030	13771	0	13771	2311	16082	50.00
22	4568	104	444	5116	323	4124	0	0	4479	4384	-885	13062	0	13062	2126	15188	50.02
23	4592	120	464	5176	445	3992	0	0	3807	3805	-767	12651	0	12651	1949	14600	50.01
24	4548	95	447	5090	773	3875	0	0	3606	3392	-684	12446	0	12446	1796	14242	50.04
MUs	122.44	4.53	10.99	137.96	8.10	108.61	0.00	3.38	123.67	123.21	-20.40	360.86	0.00	360.86	50.71	411.57	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 27/Dec/2017

Position as on 6.30 Hrs of 28/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 27/Dec/2017

Position as on 6.30 Hrs of 28/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	27/12/2017	14.51	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	Nasik Unit 3	210	27/12/2017	04.30		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 8	108	27/12/2017	18.51		Continued.	thrust bearing trip.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 28/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	27/12/2017	18.29	PO	OLTC Work At Padgha End.
Chandrapur - Padghe Hvdc Pole 2	IntraState	27/12/2017	21.51	27/12/2017	23.41	EO	attending sparking on plcc capacitor bank jumper.
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	26/12/2017	17.07		Continued.	HT	Over Voltage
Akola Wardha I	InterState	27/12/2017	08.22	27/12/2017	19.30	PO	string replacement work.
karad -kolhapur-II	IntraState	26/12/2017	16.09	27/12/2017	09.38	T	Distance Protection. RFC at 19:48.
karad -kolhapur-I	IntraState	26/12/2017	16.09	27/12/2017	09.32	T	Distance Protection. RFC at 19:48.
Khadka-Aurangabad (Waluj)	IntraState	26/12/2017	17.08	27/12/2017	07.32	HT	Over Voltage
Karad - Jaigad - II	IntraState	26/12/2017	19.29	27/12/2017	11.57	HT	Over Voltage
Koradi III(Adani)-Koradi II ckt 2	IntraState	27/12/2017	08.50	27/12/2017	17.49	PO	fixing of corona ring.
Khadka-Aurangabad (Waluj)	IntraState	27/12/2017	18.00	28/12/2017	06.26	HT	Over Voltage
Karad-Jaigad - I	IntraState	27/12/2017	18.07		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	27/12/2017	18.10		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	27/12/2017	21.23		Continued.	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	27/12/2017	23.02	28/12/2017	06.20	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
Bhosari- Bhosari 2	IntraState	26/12/2017	21.52	27/12/2017	00.04	PO	Attending red Hot Spot on wave trap.
Mahad-Kandalgaon	IntraState	27/12/2017	08.10	27/12/2017	19.25	PO	Line Maintenance work
Deepnagar Bambhori	IntraState	27/12/2017	09.22	27/12/2017	15.09	PO	replacement of disc insulator string.
Solapur(Bale) - Tuljapur	IntraState	27/12/2017	09.59	27/12/2017	17.42	PO	main bus outage.
Lamboti - Solapur li(Bale) Ckt- I	IntraState	27/12/2017	10.20	27/12/2017	17.13	PO	main bus outage.
Lamboti -Solapur li(Bale) Ckt- li	IntraState	27/12/2017	10.20	27/12/2017	17.14	PO	main bus outage.
Chinchwad- Parvati	IntraState	27/12/2017	11.08	27/12/2017	15.59	PO	Routine Maintenance Work
Parli New Tps - Beed Ckt 1	IntraState	27/12/2017	12.45	27/12/2017	14.10	PO	Quarterly Maintainance Work
Wani-Warora	IntraState	27/12/2017	15.15	27/12/2017	20.28	T	Distance Protection
Warora - Warora Rly Tss 2	IntraState	27/12/2017	15.15	27/12/2017	16.36	T	lbb operated.
Warora - Wardha	IntraState	27/12/2017	15.15	27/12/2017	16.15	T	lbb operated.
Warora - Hinganghat	IntraState	27/12/2017	15.15	27/12/2017	16.17	T	lbb operated.
V Warora - Waroralytss1	IntraState	27/12/2017	15.15	27/12/2017	16.35	T	lbb operated.
Flagship-Chinchwad	IntraState	27/12/2017	16.12	27/12/2017	19.10	PO	Routine Maintenance 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 27/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 28/Dec/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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)
220/33 Kv 100 Mva Alstom Ptr 1 @Valve	IntraState	27/12/2017	08.10	27/12/2017	12.25	PO	Testing Work
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	27/12/2017	09.22	27/12/2017	16.15	PO	Routine Maintenance Work
220/132 Kv 200 Mva Bbl Ict 1 @Beed	IntraState	27/12/2017	10.06	27/12/2017	12.06	PO	Quarterly Maintainance Work
220/33 Kv 100 Mva Bbl Ptr 2 @Valve	IntraState	27/12/2017	12.35	27/12/2017	22.26	PO	Testing Work
220/132KV 100MVA ICT- II@Shivajinagar	IntraState	27/12/2017	15.42	27/12/2017	20.27	PO	Routine Maintenance Work

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