

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Dec/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.762	3561.544	1) Gujrat	1.163	17.485
2) Hydro	5.818	163.776	2) Madhya Pradesh	11.857	385.371
3) Gas	9.468	297.477	3) Chattisgarh	6.060	205.210
Total MSPGCL	138.048	4022.797	4) Maharashtra Net	106.657	3300.106
B) 1) APML	48.450	1478.111	5) Goa (Amona)	-0.902	-27.082
2) JSWEL	17.293	504.401	Total	124.835	3881.090
3) VIPL	12.165	344.579	a) Mumbai Schedule	18.017	602.968
4) RPL(AMT)	5.405	247.989	b) Mumbai Drawl	17.546	659.914
5) WPCL	3.874	123.112	c) MSEDCL Bilateral *	29.236	907.497
6) PGPL	0.000	0.000	Include PX	-4.011	27.286
7) Other IPP	16.247	398.801	d) Mumbai Bilateral *	18.017	602.968
C) 1) TPCL Thermal	12.642	323.864	Include PX	-1.101	27.134
2) TPCL Hydro	3.123	129.744	Include Standby	0.000	0.000
3) TPCL Gas	4.155	116.591	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.846	272.583	1) MSEDCL	356.255	10749.369
D) STATE			2) Mumbai Discoms	47.311	1502.698
1) Thermal	248.684	7254.984	TOTAL STATE	403.566	12252.067
(A1+C1+C4+(B1-B6))					
2) Hydro	8.941	293.520			
(A2+C2)					
3) Gas	13.623	414.068			
(A3+B6+C3)					
4) Wind	4.134	320.270			
6) SOLAR	3.350	88.133			
TOTAL STATE	278.732	8370.975			

* 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	5653	5575	5376	4534
MSPGCL Hydro	567	361	317	87
MSPGCL Gas	432	446	296	462
MSPGCL Total Generation	6652	6382	5989	5083
Central Sector Receipt	6707	6680	5465	3532
WIND	122	104	265	244
CPP / IPP Thermal	4557	4663	4371	3935
CPP / IPP Gas	0	0	0	0
SOLAR	498	502	0	0
Exchange with Mumbai	-913	-899	-1005	-352
MSEDCL DEMAND MET	17623	17432	15085	12442
Load Shedding	0	0	0	0
MSEDCL DEMAND	17623	17432	15085	12442
TPCL GENERATION	1028	1007	978	679
R-INFRA GENERATION	501	503	377	376
MUMBAI DEMAND	2442	2409	2360	1407
STATE DEMAND MET	20065	19841	17445	13849
STATE DEMAND	20065	19841	17445	13849
Frequency (Hz)	49.95	49.97	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 06:00 Hrs	49.78 Hz at 09:18 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 30/Dec/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.48	47.50	155	130
Unit 8	11.21	183.66	620	380
Unit 9	0.00	232.29	0	0
Unit 10	10.20	192.56	480	380
Total	24.89	656.00		
Bhusawal				
Unit 3	4.20	84.14	205	150
Unit 4	10.01	258.12	495	355
Unit 5	10.04	260.36	500	345
Total	24.26	602.62		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.44	134.86	189	178
Unit 7	0.00	12.88	0	0
Unit 8	3.86	115.71	164	158
Total	8.30	263.45		
Chandrapur				
Unit 3	0.00	8.28	0	0
Unit 4	0.00	10.22	0	0
Unit 5	10.05	169.67	465	348
Unit 6	0.00	244.01	0	0
Unit 7	9.95	292.19	460	351
Unit 8	0.00	143.56	0	0
Unit 9	9.91	291.59	457	351
Total	29.91	1159.52		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.30	143.91	256	189
Total	5.30	143.91		
Khaparkheda				
Unit 1	3.80	46.88	170	150
Unit 2	4.08	113.21	190	145
Unit 3	0.00	0.00	0	0
Unit 4	3.92	56.13	173	157
Unit 5	9.90	290.85	490	351
Total	21.70	507.06		
Nasik				
Unit 3	0.00	104.49	0	0
Unit 4	4.19	79.06	197	158
Unit 5	4.22	45.43	200	157
Total	8.40	228.98		
Uran				
All Units	9.47	297.48	478	289
Total	9.47	297.48		
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)	0.54	8.69	49	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.54	8.69		
Koyna				
Stage 1-2	2.11	60.24	300	40
Stage 4	0.00	5.73	0	0
Stage 3	0.49	15.58	80	0
Total	2.60	81.56		
Hydro				
KDPH	0.54	7.06	36	0
VTRNA	0.50	9.62	61	0
TILLARI	0.29	10.33	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.17	6.47	80	0
RNGR+BHTSA	0.37	11.85	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.23	1.84	10	9
SMLHY_PTN	0.55	13.37	33	20
GHATGHAR	0.57	21.69	125	0
Total	3.22	82.22		
Wind				
Total	4.13	320.27	0	0
Total	4.13	320.27		
CPP				
APML(Mus)	48.45	1478.11	0	0
JSWEL(Mus)	17.29	504.40	0	0
VIPL(Mus)	12.16	344.58	0	0
RPLAMT(Mus)	5.40	247.99	0	0
WPCL(Mus)	3.87	123.11	0	0
Other(Mus)	16.25	398.80	0	0
Total	103.43	3096.99		
SOLAR				
Total	3.35	88.13	0	0
Total	3.35	88.13		
Tata				
Trombay 5	7.68	237.99	399	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.61	71.98	115	68
Trombay 7B	1.55	44.61	67	52
Trombay 8	4.96	85.88	248	197
TATA Hydro	3.12	129.74	374	0
Total	19.92	570.20		
R-INFRA				
DTPS U-1&2	9.85	272.58	503	374
Total	9.85	272.58		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	122.76	3561.54	MSPGCL Total	138.05	4022.80
			MSPGCL Thml+Gas	132.23	3859.02	Koyna 1,2 & 4 Total	2.11	65.98
			MSPGCL Hydro	5.82	163.78	State Total	278.73	8370.98

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/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	4554	97	469	5120	403	3924	0	0	3883	3674	-546	12575	0	12575	1615	14190	50.03
2	4537	87	461	5085	373	3948	0	0	3857	3558	-422	12542	0	12542	1489	14031	50.02
3	4534	87	462	5083	244	3935	0	0	3728	3532	-352	12442	0	12442	1407	13849	49.99
4	4542	102	462	5106	139	3933	0	0	3753	3647	-336	12489	0	12489	1392	13881	49.99
5	4535	87	464	5086	146	3962	0	0	4353	4146	-340	13000	0	13000	1396	14396	50.00
6	4747	87	475	5309	146	4121	0	0	5038	4941	-448	14069	0	14069	1501	15570	50.03
7	5216	177	478	5871	167	4418	0	0	5579	5439	-538	15357	0	15357	1592	16949	50.01
8	5611	256	467	6334	194	4630	0	46	5854	6123	-638	16689	0	16689	1715	18404	49.95
9	5753	209	473	6435	103	4729	0	200	6023	6141	-786	16822	0	16822	1920	18742	49.90
10	5723	343	458	6524	139	4611	0	342	6088	5989	-888	16717	0	16717	2192	18909	49.92
11	5664	326	438	6428	143	4523	0	427	6373	6404	-1100	16825	0	16825	2372	19197	49.88
12	5653	567	432	6652	122	4557	0	498	6642	6707	-913	17623	0	17623	2442	20065	49.95
13	5575	361	446	6382	104	4663	0	502	6423	6680	-899	17432	0	17432	2409	19841	49.97
14	5578	211	450	6239	88	4538	0	469	6352	6334	-820	16848	0	16848	2272	19120	50.01
15	5505	354	327	6186	103	4547	0	405	6348	6389	-902	16728	0	16728	2264	18992	49.98
16	5506	415	290	6211	103	4593	0	296	6337	6265	-891	16577	0	16577	2250	18827	49.94
17	5573	388	289	6250	88	4708	0	148	5807	5949	-703	16440	0	16440	2235	18675	49.94
18	5574	316	302	6192	155	4643	0	17	5568	5150	-861	15296	0	15296	2241	17537	49.93
19	5376	317	296	5989	265	4371	0	0	5477	5465	-1005	15085	0	15085	2360	17445	49.97
20	4886	217	299	5402	274	4260	0	0	5439	5243	-1010	14169	0	14169	2339	16508	49.98
21	4555	254	311	5120	195	4091	0	0	4772	4955	-921	13440	0	13440	2225	15665	50.00
22	4553	186	302	5041	161	3904	0	0	4266	4302	-860	12548	0	12548	2058	14606	50.01
23	4540	187	303	5030	144	3920	0	0	3791	3912	-710	12296	0	12296	1866	14162	49.97
24	4472	187	314	4973	135	3905	0	0	3847	3890	-657	12246	0	12246	1760	14006	50.01
MUs	122.76	5.82	9.47	138.05	4.13	103.43	0.00	3.35	125.60	124.83	-17.55	356.26	0.00	356.26	47.31	403.57	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 30/Dec/2017

Position as on 6.30 Hrs of 31/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 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)Converted to zero schedule w.e.f 01.01.2018, 00:00hrs	
IPP	RPL(AMT) U-4	270	15/12/2017	00.01		Continued.	Coal Shortage (Converted to zero schedule w.e.f 01.01.2018, 00:00Hrs)	
IPP	RPL(AMT) U-2	270	22/12/2017	00.01		Continued.	zero schedule	
MSPGCL	Koradi Unit 9	660	22/12/2017	16.35		Continued.	Tripped on Rotor Earth Fault	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	commission of venting	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 30/Dec/2017

Position as on 6.30 Hrs of 31/Dec/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							system.	
MSPGCL	Nasik Unit 3	210	27/12/2017	04.30		Continued.	BTL, not available on account of PCR w.e.f 30.12.2017 at 18:00Hrs	
MSPGCL	Uran Unit 8	108	27/12/2017	18.51	30/12/2017	12.30	thrust bearing trip.	
MSPGCL	Chandrapur Unit 6	500	28/12/2017	11.41		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	30/12/2017	14.07	31/12/2017	18.23	Air Filter Replacement	
MSPGCL	Uran Unit 8	108	30/12/2017	14.24		Continued.	Thrust Bearing Trip	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
MSPGCL	Khaparkheda Unit 1	210	31/12/2017	15.47		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 31/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
Dhule Sar'Sarovar I	InterState	29/12/2017	17.37	30/12/2017	10:13	HT	Over Voltage
Akola Wardha li	InterState	30/12/2017	09:21	30/12/2017	19:40	PO	Insulator Replacement Work
Dhule Sar'Sarovar II	InterState	30/12/2017	10.23	31/12/2017	08.53	PO	Work at SSNL end(RFC 17.40Hrs)
Dhule Khandwa II	InterState	31/12/2017	10.15	31/12/2017	21.18	PO	Outage By WRLDC.
Dhule Sar'Sarovar II	InterState	31/12/2017	17.38		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/12/2017	17.28	30/12/2017	07:29	HT	Over Voltage
Karad-Jaigad - I	IntraState	29/12/2017	17.29	30/12/2017	07:18	HT	Over Voltage
karad -kolhapur-II	IntraState	29/12/2017	17.32	30/12/2017	10:24	HT	Over Voltage
Karad - Jaigad - II	IntraState	29/12/2017	18.03	30/12/2017	10:23	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/12/2017	20.31	30/12/2017	07:18	HT	Over Voltage
Solapur - Parli(PG) I	IntraState	30/12/2017	08:28	30/12/2017	20:20	PO	Line Crossing Work.
Solapur - Parli(PG) II	IntraState	30/12/2017	08:33	31/12/2017	05.44	PO	Line Crossing Work.
Karad - Jaigad - II	IntraState	30/12/2017	17:36	31/12/2017	10.52	HT	Over Voltage
karad -kolhapur-I	IntraState	30/12/2017	17:37	31/12/2017	09.02	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	30/12/2017	17:58	31/12/2017	08.57	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	30/12/2017	21.08	31/12/2017	08.43	HT	Over Voltage
Karad - Jaigad - II	IntraState	31/12/2017	17.20		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	31/12/2017	17.23		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	31/12/2017	17.37		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	31/12/2017	20.39		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
Padghe - Jambhul 1	IntraState	28/12/2017	09.06	30/12/2017	22:15	PO	BREAKER REPLACEMENT WORK.
Loteparshuram- Dasturi Line	IntraState	30/12/2017	04.55	30/12/2017	13.00	T	Distance Protection
Nashik-Airoli Knowledge Park	IntraState	30/12/2017	07:45	30/12/2017	09:54	PO	Line Maintenance work
Badnera Tss-li	IntraState	30/12/2017	10.00	30/12/2017	15.24	PO	Quarterly Maintainance Work
Oni Kharepatan Line	IntraState	30/12/2017	10:05	30/12/2017	18:37	PO	Insulator Cleaning Work.
Padghe - Kamba	IntraState	30/12/2017	13:00	30/12/2017	17:41	PO	Jumper Replacement Work.
Ranjangaon-Fiat 1	IntraState	31/12/2017	06.50	31/12/2017	13.58	PO	Routine Maintenance Work
Jamde-Dondaicha 1	IntraState	31/12/2017	09.05	31/12/2017	13.12	PO	Replacement of Copper Clamp of CT
Jamde-Dondaicha 2	IntraState	31/12/2017	14.10	31/12/2017	18.28	PO	Replacement of Copper Clamp of CT

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 30/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 31/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)
220/100 Kv 200 Mva Vijai Ict 3 @Padghe	IntraState	30/12/2017	11:21	30/12/2017	18:19	PO	Diagnostic Testing and Bay Maintenance Work.