

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Dec/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	115.573	232.487	1) Gujrat	-0.815	-1.396
2) Hydro	5.318	10.514	2) Madhya Pradesh	15.039	26.357
3) Gas	7.067	17.070	3) Chattisgarh	7.880	15.350
Total MSPGCL	127.958	260.071	4) Maharashtra Net	132.851	258.484
B) 1) APML	30.012	69.771	5) Goa (Amona)	-0.902	-1.804
2) JSWEL	13.933	26.272	Total	154.053	296.991
3) VIPL	12.758	25.727	a) Mumbai Schedule	25.599	48.596
4) RPL(AMT)	11.602	23.132	b) Mumbai Drawl	24.977	49.589
5) WPCL	4.024	8.571	c) MSEDCL Bilateral *	43.112	86.262
6) PGPL	0.000	0.000	Include PX	12.110	28.756
7) Other IPP	12.016	24.339	d) Mumbai Bilateral *	25.599	48.596
C) 1) TPCL Thermal	9.497	18.901	Include PX	2.557	5.443
2) TPCL Hydro	3.900	9.455	Include Standby	0.000	0.000
3) TPCL Gas	3.743	7.431	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.627	21.117	1) MSEDCL	359.340	720.314
D) STATE			2) Mumbai Discoms	52.746	106.493
1) Thermal	220.042	450.317	TOTAL STATE	412.086	826.807
(A1+C1+C4+(B1-B6))					
2) Hydro	9.218	19.969			
(A2+C2)					
3) Gas	10.810	24.501			
(A3+B6+C3)					
4) Wind	14.980	29.069			
6) SOLAR	2.981	5.960			
TOTAL STATE	258.031	529.816			

* 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 1 Hrs
MSPGCL Thermal	5195	5218	5305	4426
MSPGCL Hydro	392	217	316	83
MSPGCL Gas	284	272	297	285
MSPGCL Total Generation	5871	5707	5918	4794
Central Sector Receipt	7962	7780	6395	4206
WIND	650	468	474	770
CPP / IPP Thermal	3762	3768	3776	3300
CPP / IPP Gas	0	0	0	0
SOLAR	445	466	0	0
Exchange with Mumbai	-1211	-1149	-1149	-1080
MSEDCL DEMAND MET	17479	17040	15414	11991
Load Shedding	0	0	0	0
MSEDCL DEMAND	17479	17040	15414	11991
TPCL GENERATION	934	967	952	429
R-INFRA GENERATION	503	505	504	374
MUMBAI DEMAND	2648	2621	2605	1883
STATE DEMAND MET	20127	19661	18019	13874
STATE DEMAND	20127	19661	18019	13874
Frequency (Hz)	50.00	49.99	50.03	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 22.00 Hrs	49.76 Hz at 09.11 Hrs	49.99	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 02/Dec/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.71	7.52	170	140
Unit 8	5.96	5.96	354	32
Unit 9	11.30	23.11	600	357
Unit 10	0.00	0.00	0	0
Total	20.97	36.59		
Bhusawal				
Unit 3	3.98	7.96	180	145
Unit 4	0.35	8.56	345	0
Unit 5	9.46	17.72	455	340
Total	13.80	34.24		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.49	8.96	195	179
Unit 7	4.30	8.59	191	158
Unit 8	4.10	8.18	176	166
Total	12.90	25.72		
Chandrapur				
Unit 3	3.90	8.15	186	100
Unit 4	3.89	8.08	187	137
Unit 5	0.00	0.00	0	0
Unit 6	9.02	18.10	400	333
Unit 7	9.81	19.63	455	330
Unit 8	9.73	19.90	450	330
Unit 9	9.86	20.08	457	340
Total	46.22	93.94		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Total	0.00	0.00		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.82	7.73	170	145
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.70	18.10	500	350
Total	13.52	25.83		
Nasik				
Unit 3	4.05	8.04	180	155
Unit 4	4.13	8.12	184	163
Unit 5	0.00	0.00	0	0
Total	8.18	16.16		
Uran				
All Units	7.07	17.07	420	256
Total	7.07	17.07		
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)	0.06	0.13	31	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.06	0.13		
Koyna				
Stage 1-2	1.94	3.44	295	40
Stage 4	0.52	0.52	249	0
Stage 3	0.50	1.32	80	0
Total	2.97	5.27		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.37	0.73	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	0.63	80	0
RNGR+BHTSA	0.40	0.79	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.25	0.99	11	10
GHATGHAR	1.05	2.10	125	0
Total	2.35	5.24		
Wind				
Total	14.98	29.07	0	0
Total	14.98	29.07		
CPP				
APML(Mus)	30.01	69.77	0	0
JSWEL(Mus)	13.93	26.27	0	0
VIPL(Mus)	12.76	25.73	0	0
RPLAMT(Mus)	11.60	23.13	0	0
WPCL(Mus)	4.02	8.57	0	0
Other(Mus)	12.02	24.34	0	0
Total	84.34	177.81		
SOLAR				
Total	2.98	5.96	0	0
Total	2.98	5.96		
Tata				
Trombay 5	9.50	18.90	487	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.28	4.53	115	64
Trombay 7B	1.46	2.90	68	49
Trombay 8	0.00	0.00	0	0
TATA Hydro	3.90	9.46	339	0
Total	17.14	35.79		
R-INFRA				
DTPS U-1&2	10.63	21.12	505	373
Total	10.63	21.12		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	115.57	232.49	MSPGCL Total	127.96	260.07
			MSPGCL Thml+Gas	122.64	249.56	Koyna 1,2 & 4 Total	2.47	3.96
			MSPGCL Hydro	5.32	10.51	State Total	258.03	529.82

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	4426	83	285	4794	770	3300	0	0	4462	4206	-1080	11991	0	11991	1883	13874	50.04
2	4198	68	298	4564	773	3384	0	0	4841	4676	-936	12461	0	12461	1738	14199	50.02
3	4219	68	296	4583	781	3387	0	0	4994	5292	-841	13202	0	13202	1645	14847	50.00
4	4194	73	297	4564	740	3385	0	0	5019	5456	-785	13360	0	13360	1587	14947	50.00
5	4260	83	293	4636	745	3331	0	0	5517	5660	-734	13637	0	13637	1590	15227	49.98
6	4711	78	256	5045	816	3305	0	0	6158	6415	-830	14752	0	14752	1681	16433	50.01
7	4862	133	278	5273	850	3561	0	1	6789	6777	-789	15673	0	15673	1786	17459	49.99
8	4872	133	295	5300	751	3688	0	53	7062	7060	-717	16136	0	16136	1898	18034	49.95
9	4959	299	292	5550	769	3703	0	175	7037	7015	-911	16300	0	16300	2118	18418	49.89
10	5104	331	280	5715	880	3731	0	319	6671	6784	-1049	16380	0	16380	2388	18768	49.93
11	5205	424	286	5915	778	3766	0	395	7178	7096	-1156	16794	0	16794	2577	19371	49.94
12	5195	392	284	5871	650	3762	0	445	7845	7962	-1211	17479	0	17479	2648	20127	50.00
13	5218	217	272	5707	468	3768	0	466	7850	7780	-1149	17040	0	17040	2621	19661	49.99
14	5065	211	281	5557	391	3760	0	420	7755	8022	-1103	17048	0	17048	2532	19580	50.01
15	5051	473	279	5803	298	3751	0	358	7722	7704	-1049	16865	0	16865	2532	19397	49.94
16	5191	581	271	6043	259	3752	0	241	7754	7799	-1047	17048	0	17048	2520	19568	49.98
17	5230	525	280	6035	235	3765	0	100	7550	7468	-1033	16570	0	16570	2496	19066	49.97
18	5236	344	284	5864	331	3761	0	8	6924	7127	-1058	16033	0	16033	2506	18539	49.96
19	5305	316	297	5918	474	3776	0	0	6427	6395	-1149	15414	0	15414	2605	18019	50.03
20	5065	155	278	5498	572	3636	0	0	6066	5950	-1204	14451	0	14451	2531	16982	50.00
21	4597	128	290	5015	634	3185	0	0	5695	5888	-1317	13406	0	13406	2416	15822	49.99
22	4530	66	317	4913	674	3002	0	0	5497	5745	-1352	12981	0	12981	2256	15237	50.02
23	4468	66	358	4892	653	2943	0	0	5263	5125	-1271	12342	0	12342	2131	14473	50.03
24	4412	71	420	4903	688	2942	0	0	4479	4651	-1206	11978	0	11978	2059	14037	50.00
MUs	115.57	5.32	7.07	127.96	14.98	84.35	0.00	2.98	152.55	154.05	-24.98	359.34	0.00	359.34	52.74	412.08	49.99

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 02/Dec/2017

Position as on 6.30 Hrs of 03/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 5	500	01/11/2017	09.20		Continued.	Annual Overhaul	
TPC_G	Trombay 8	250	18/11/2017	19.40		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	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
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-3	270	17/09/2017	00.02		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	
MSPGCL	Koradi Unit-8	660	07/11/2017	00.06	02/12/2017	00.02	poor coal receipt.	
IPP	RPL(AMT) U-2	270	10/11/2017	00.00		Continued.	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	
MSPGCL	Khaparkheda Unit 1	210	18/11/2017	19.19		Continued.	Coal Shortage	
IPP	Adani U-5	660	19/11/2017	20.40		Continued.	Due to heavy leakage in seal air duct.	
CPP	IEPL Unit 1	270	22/11/2017	23.50		Continued.	Electrical fault	
MSPGCL	Khaparkheda Unit 4	210	25/11/2017	19.19		Continued.	CHP coal feeding problem	
MSPGCL	Koradi Unit 10	660	29/11/2017	05.00		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Dec/2017

Position as on 6.30 Hrs of 03/Dec/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Paras Unit 3	250	29/11/2017	22.55		Continued.	bunkering problem.	
MSPGCL	Paras Unit 4	250	30/11/2017	00.01	03/12/2017	10.58	BUNKERING PROBLEM	
IPP	JSW (J) U4	300	30/11/2017	07.16		Continued.	Turbine Vibration Problem	
MSPGCL	Uran Unit 5	108	01/12/2017	22.13	02/12/2017	21.16	Gas shortage	
IPP	JSW (J) U2	300	01/12/2017	24.00		Continued.	no schedule.	
MSPGCL	Bhusawal Unit 4	500	02/12/2017	01.12		Continued.	Boiler Tube Leakage	
IPP	Adani U-2	660	02/12/2017	05.41	02/12/2017	23.51	Support Bearing abnormal sound	
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.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 03/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	26/11/2017	06.35	03/12/2017	21.13	PO	Routine Maintenance Work
Chandrapur - Padghe Hvdc Pole 1	IntraState	01/12/2017	13.21	03/12/2017	21.12	PO	Annual Maintenance Work
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	01/12/2017	17.15	02/12/2017	08.16	HT	Over Voltage
New Koyna - Dabhol - li	IntraState	01/12/2017	08.52	02/12/2017	10.15	PO	B PHASE CVT REPLACEMENT WORK.
karad -kolhapur-II	IntraState	01/12/2017	16.59	02/12/2017	11.04	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	01/12/2017	17.04	02/12/2017	07.09	HT	Over Voltage
Karad - Jaigad - II	IntraState	01/12/2017	19.38	02/12/2017	10.57	T	Over Voltage (RFC 20.46).
karad -kolhapur-I	IntraState	02/12/2017	17.05	03/12/2017	10.48	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	02/12/2017	17.08	03/12/2017	10.47	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	02/12/2017	18.07	03/12/2017	10.52	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	03/12/2017	17.31		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	03/12/2017	17.32		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	03/12/2017	17.33		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/12/2017	20.21		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33kV 500MVA ICT 5 @ Padghe	IntraState	02/12/2017	10.02	03/12/2017	23.04	PO	Testing Work
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	03/12/2017	06.18	03/12/2017	19.52	PO	Replacement of Isolator Work.
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.
Boisar(MS) - Boisar (PG) II	InterState	03/12/2017	09.35	03/12/2017	11.56	PO	LA Replacement.
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.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12.23		Continued.	T	Distance Protection RY phase fault.
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
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)
Chinchwad- Parvati	IntraState	30/11/2017	10.36	02/12/2017	14.46	PO	New Tower Erection For Height Raising Work Between LOC.NO.16-17.
Flagship-Chinchwad	IntraState	30/11/2017	10.46	02/12/2017	14.46	PO	New Tower Erection For Height Raising Work Between LOC.NO.16-17.
Dhule-Dondaicha-2	IntraState	01/12/2017	23.32	02/12/2017	00.08	PO	Distance Protection Operated Zone 1 y ph.
Trombay - Kalwa	IntraState	02/12/2017	09.08	02/12/2017	19.08	PO	Testing Work
Deepnagar Amalner	IntraState	02/12/2017	09.09	02/12/2017	15.37	PO	String Replacement Work.
Bombay Dyeing - Sahara	IntraState	02/12/2017	10.35	02/12/2017	18.05	PO	Tree Cutting.
Wathar - Mudshingi 3 Line	IntraState	02/12/2017	11.15	02/12/2017	14.32	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 02/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 03/Dec/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Parli(U-VIII) GCR CKT	IntraState	02/12/2017	15.15	02/12/2017	17.18	PO	Measurement Of Tan Delta.
Kharghar Trombay	IntraState	03/12/2017	06.44	03/12/2017	17.44	PO	Shifting Of Bunching To Reduce Line Length.
New Koyana - Niwali	IntraState	03/12/2017	09.25	03/12/2017	17.54	PO	Isolator Cleaning Work.
Kalwa - Mulund 1	IntraState	03/12/2017	10.10	03/12/2017	14.27	EO	Attending Oil Leakages of CT.
Kharghar-Borivali ckt I	IntraState	03/12/2017	15.17	03/12/2017	17.13	PO	Line Maintenance work
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)
220/33kv 100 MVA Transformer 3 @Versova R/S	IntraState	16/11/2017	09:09		Continued.	PO	REFURBISHMENT OF TF UNDER SIS DPR SCHEME
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	BUCHHOLZ PRV OPERATED.
220/132 kv 100MVA ICT @ Bhandara	IntraState	02/12/2017	10.00	02/12/2017	20.25	PO	Diagnostic Testing Work.
220/132 Kv 200 Mva Cgl Ict 1 @Raymond (Nasik 2)	IntraState	02/12/2017	10.42	02/12/2017	17.32	PO	Replacement work
220/132kv 200mva Vijai Ptr 2 @Lonand	IntraState	02/12/2017	16.40	02/12/2017	17.10	PO	Removing A Wire From Conductor On Gantry.

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