

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/Dec/2017 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	123.858	1367.091	1) Gujrat	0.556	8.809
2) Hydro	5.225	61.306	2) Madhya Pradesh	14.152	163.341
3) Gas	10.553	122.725	3) Chattisgarh	7.370	85.190
Total MSPGCL	139.636	1551.122	4) Maharashtra Net	113.870	1434.677
B) 1) APML	54.190	532.437	5) Goa (Amona)	-0.924	-10.560
2) JSWEL	17.839	190.469	Total	135.024	1681.457
3) VIPL	11.379	140.237	a) Mumbai Schedule	21.727	273.516
4) RPL(AMT)	7.768	122.571	b) Mumbai Drawl	24.013	291.907
5) WPCL	4.260	49.563	c) MSEDCL Bilateral *	38.084	440.784
6) PGPL	0.000	0.000	Include PX	6.907	83.578
7) Other IPP	12.052	141.657	d) Mumbai Bilateral *	21.727	273.516
C) 1) TPCL Thermal	8.220	98.613	Include PX	2.439	24.943
2) TPCL Hydro	6.083	61.346	Include Standby	0.000	0.000
3) TPCL Gas	3.735	48.362	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.755	115.981	1) MSEDCL	364.821	4273.170
D) STATE			2) Mumbai Discoms	51.806	616.207
1) Thermal	249.321	2758.619	TOTAL STATE	416.627	4889.377
(A1+C1+C4+(B1-B6))					
2) Hydro	11.308	122.652			
(A2+C2)					
3) Gas	14.288	171.087			
(A3+B6+C3)					
4) Wind	3.859	123.859			
6) SOLAR	2.827	31.705			
TOTAL STATE	281.603	3207.922			

* 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	5607	5658	5708	4743
MSPGCL Hydro	219	85	365	78
MSPGCL Gas	487	433	426	445
MSPGCL Total Generation	6313	6176	6499	5266
Central Sector Receipt	6549	6538	5359	4411
WIND	65	83	160	67
CPP / IPP Thermal	4997	5039	4706	3890
CPP / IPP Gas	0	0	0	0
SOLAR	443	415	0	0
Exchange with Mumbai	-1167	-1200	-1310	-864
MSEDCL DEMAND MET	17200	17051	15414	12770
Load Shedding	0	0	0	0
MSEDCL DEMAND	17200	17051	15414	12770
TPCL GENERATION	1046	979	908	542
R-INFRA GENERATION	503	476	376	376
MUMBAI DEMAND	2716	2655	2594	1782
STATE DEMAND MET	19916	19706	18008	14552
STATE DEMAND	19916	19706	18008	14552
Frequency (Hz)	49.90	49.92	49.94	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06.01 Hrs	49.72 Hz at 19.21 Hrs	49.95	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 12/Dec/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.58	42.96	165	138
Unit 8	10.60	97.33	540	351
Unit 9	11.54	127.22	591	360
Unit 10	5.21	5.21	520	0
Total	30.94	272.72		
Bhusawal				
Unit 3	0.00	22.99	0	0
Unit 4	9.80	88.23	490	350
Unit 5	9.96	87.72	500	350
Total	19.76	198.94		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.70	54.65	233	181
Unit 7	0.00	12.88	0	0
Unit 8	3.91	47.11	169	156
Total	8.62	114.64		
Chandrapur				
Unit 3	0.00	8.28	0	0
Unit 4	0.00	10.22	0	0
Unit 5	0.00	0.00	0	0
Unit 6	8.94	106.97	395	335
Unit 7	9.85	116.52	451	340
Unit 8	9.84	117.66	460	340
Unit 9	9.12	117.10	443	346
Total	37.75	476.74		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.27	49.32	252	188
Total	5.27	49.32		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.52	44.59	155	125
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.81	114.17	460	350
Total	13.33	158.76		
Nasik				
Unit 3	4.10	47.87	200	156
Unit 4	4.10	48.10	196	159
Unit 5	0.00	0.00	0	0
Total	8.20	95.97		
Uran				
All Units	10.55	122.72	487	344
Total	10.55	122.72		
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)	0.46	2.16	52	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.46	2.16		
Koyna				
Stage 1-2	2.46	24.09	375	40
Stage 4	0.00	3.32	0	0
Stage 3	0.81	6.74	150	0
Total	3.27	34.14		
Hydro				
KDPH	0.43	1.73	18	17
VTRNA	0.00	0.02	0	0
TILLARI	0.37	4.45	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	3.17	77	0
RNGR+BHTSA	0.40	4.73	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.18	4.46	17	4
GHATGHAR	0.30	8.60	125	0
Total	1.96	27.16		
Wind				
Total	3.86	123.86	0	0
Total	3.86	123.86		
CPP				
APML(Mus)	54.19	532.44	0	0
JSWEL(Mus)	17.84	190.47	0	0
VIPL(Mus)	11.38	140.24	0	0
RPLAMT(Mus)	7.77	122.57	0	0
WPCL(Mus)	4.26	49.56	0	0
Other(Mus)	12.05	141.66	0	0
Total	107.49	1176.93		
SOLAR				
Total	2.83	31.70	0	0
Total	2.83	31.70		
Tata				
Trombay 5	8.22	98.61	457	301
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.29	30.09	114	78
Trombay 7B	1.45	18.28	67	55
Trombay 8	0.00	0.00	0	0
TATA Hydro	6.08	61.35	459	0
Total	18.04	208.32		
R-INFRA				
DTPS U-1&2	9.76	115.98	503	375
Total	9.76	115.98		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	123.86	1367.09	MSPGCL Total	139.64	1551.12
			MSPGCL Thml+Gas	134.41	1489.82	Koyna 1,2 & 4 Total	2.46	27.40
			MSPGCL Hydro	5.22	61.31	State Total	281.60	3207.92

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/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	4327	79	450	4856	414	3952	0	0	4850	4739	-877	13084	0	13084	1699	14783	50.01
2	4314	79	446	4839	370	3960	0	0	4739	4704	-737	13136	0	13136	1560	14696	49.98
3	4315	89	478	4882	321	3934	0	0	4589	4647	-658	13126	0	13126	1482	14608	49.98
4	4314	84	457	4855	335	3932	0	0	4781	4744	-619	13247	0	13247	1442	14689	50.01
5	4338	84	456	4878	320	3936	0	0	5092	5273	-571	13836	0	13836	1451	15287	49.94
6	4731	415	469	5615	197	4153	0	0	5421	5803	-661	15107	0	15107	1588	16695	49.98
7	5456	360	458	6274	124	4750	0	2	5857	6287	-775	16662	0	16662	1787	18449	49.98
8	5559	305	459	6323	97	5191	0	48	6167	6243	-754	17148	0	17148	1964	19112	49.99
9	5533	223	464	6220	38	5224	0	177	6183	6195	-940	16914	0	16914	2239	19153	49.94
10	5526	439	444	6409	36	5002	0	314	5929	5895	-1016	16640	0	16640	2511	19151	49.92
11	5564	378	473	6415	48	4991	0	421	6231	6169	-1132	16912	0	16912	2688	19600	49.94
12	5607	219	487	6313	65	4997	0	443	6958	6549	-1167	17200	0	17200	2716	19916	49.90
13	5658	85	433	6176	83	5039	0	415	6999	6538	-1200	17051	0	17051	2655	19706	49.92
14	5650	80	410	6140	100	4652	0	408	6918	6729	-1222	16807	0	16807	2528	19335	49.96
15	5709	115	405	6229	181	4567	0	298	7070	6683	-1246	16712	0	16712	2552	19264	49.85
16	5726	95	377	6198	176	4618	0	195	7041	6725	-1253	16659	0	16659	2550	19209	49.89
17	5627	255	344	6226	175	4721	0	95	6555	6398	-1222	16393	0	16393	2535	18928	49.90
18	5641	503	403	6547	172	4693	0	11	5572	5595	-1208	15810	0	15810	2525	18335	49.89
19	5708	365	426	6499	160	4706	0	0	5589	5359	-1310	15414	0	15414	2594	18008	49.94
20	5275	406	437	6118	121	4452	0	0	5226	5139	-1249	14581	0	14581	2509	17090	49.91
21	4969	305	443	5717	90	4137	0	0	5106	4929	-1188	13685	0	13685	2331	16016	49.97
22	4774	106	444	5324	82	4065	0	0	5128	4796	-1131	13136	0	13136	2148	15284	50.00
23	4794	78	445	5317	87	3924	0	0	4715	4474	-1013	12789	0	12789	1970	14759	49.97
24	4743	78	445	5266	67	3890	0	0	4504	4411	-864	12770	0	12770	1782	14552	49.91
MUs	123.86	5.23	10.55	139.64	3.86	107.49	0.00	2.83	137.22	135.02	-24.01	364.82	0.00	364.82	51.81	416.63	49.95

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 12/Dec/2017

Position as on 6.30 Hrs of 13/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	13/12/2017	06.40	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 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-3	270	17/09/2017	00.02	12/12/2017	18.54	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		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	
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	12/12/2017	08.35	Boiler Tube 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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/Dec/2017

Position as on 6.30 Hrs of 13/Dec/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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.	
MSPGCL	Bhusawal Unit 3	210	06/12/2017	23.52		Continued.	Coal Shortage	
MSPGCL	Uran Unit 8	108	11/12/2017	13.03	12/12/2017	10.10	Due To Heavy Vibration.	
IPP	RPL(AMT) U-1	270	12/12/2017	08.49		Continued.	switch gear problem.	
MSPGCL	Uran Unit 8	108	12/12/2017	16.26	13/12/2017	07.19	Gas shortage	
MSPGCL	Koradi Unit 7	210	13/12/2017	00.10		Continued.	poor coal receipt.	
MSPGCL	Chandrapur Unit 5	500	13/12/2017	06.48		Continued.	control fid pressure Low.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 13/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
Akola Aurangabad(PG) II	InterState	11/12/2017	07.24	12/12/2017	15.38	PO	Due To Y-PH Pole Tripped Only and R and B In Close Position.
Dhule Sar'Sarovar I	InterState	11/12/2017	17.21	12/12/2017	06.30	HT	Over Voltage
Koradi Satpur	InterState	12/12/2017	02.41	12/12/2017	03.29	T	Distance Protection
Dabhol Nagothane I	InterState	12/12/2017	08.14	12/12/2017	19.23	PO	cold washing,ins.repl.and miscl.work.
Dhule Sar'Sarovar II	InterState	12/12/2017	17.30		Continued.	HT	Over Voltage
Pune(GIS) - Parli II	IntraState	11/12/2017	10.00		Continued.	PO	air compressor problem.
Khadka-Aurangabad (Waluj)	IntraState	11/12/2017	17.32	12/12/2017	06.10	HT	Over Voltage
karad -kolhapur-I	IntraState	11/12/2017	17.58	12/12/2017	11.42	HT	Over Voltage
Karad-Jaigad - I	IntraState	11/12/2017	18.04	12/12/2017	11.35	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	11/12/2017	23.29	12/12/2017	06.09	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	12/12/2017	04.33	12/12/2017	11.23	T	Dist. Protection Tripping R-E Ph. 123km Dist. 2.5 KA.
Main Bus-II @Deepnagar	IntraState	12/12/2017	14.27		Continued.	PO	for jumper replacement work.
Girwali-Solapur (Lamboti)	IntraState	12/12/2017	15.20	13/12/2017	05.07	T	Distance Protection
karad -kolhapur-I	IntraState	12/12/2017	17.30		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	12/12/2017	17.54		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	12/12/2017	18.08		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	09/12/2017	05.24		Continued.	T	R PH CT Burst & Bus 2 PROT OPTD.
400/220 kV 167 MVA Spare ICT @Deepnagar	IntraState	10/12/2017	08.52		Continued.	T	Replacement of ICT-1 R-PH CT.
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
New Koyna - Loteparshuram	IntraState	09/12/2017	08.31		Continued.	PO	Insulator Replacement Work
Mudshingi-Wathar	IntraState	12/12/2017	02.19	12/12/2017	02.40	T	Distance Protection
Bus section @ Kalwa	IntraState	12/12/2017	06.49	12/12/2017	09.41	EO	Attending Hot Spot
Dhamangaon New- Tss -I	IntraState	12/12/2017	08.36	12/12/2017	14.34	PO	Measurement of contact resistances Measurement of breaker timings.
Karad - Kadegaon	IntraState	12/12/2017	09.08	12/12/2017	12.15	PO	Testing Work
Kharepatan -Pawas Line	IntraState	12/12/2017	09.15	12/12/2017	19.19	PO	cleaning of insulator string.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	12/12/2017	10.03	12/12/2017	12.53	PO	Annual Maintenance Work
Centuri Enka- Bhosari	IntraState	12/12/2017	10.38	12/12/2017	15.00	PO	Testing Work
Abhijeet-Wardha-I	IntraState	12/12/2017	11.16	12/12/2017	15.28	PO	replacement of Ia.

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 12/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 13/Dec/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Ranjangaon-Fiat 2	IntraState	12/12/2017	12.12	12/12/2017	14.30	PO	Testing 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)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/33kv 100 Mvatransformer 2 @Versova R/S	IntraState	04/12/2017	10.43		Continued.	PO	tf refurbishment work.
132 KV LINE Outages/Trippings							
Amravati-Akola	IntraState	12/12/2017	18.55	12/12/2017	19.04	T	Distance Protection

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