

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 10/Dec/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.739	1124.923	1) Gujrat	0.803	8.034
2) Hydro	4.628	47.434	2) Madhya Pradesh	12.767	135.056
3) Gas	10.533	101.538	3) Chattisgarh	7.120	70.830
Total MSPGCL	128.900	1273.895	4) Maharashtra Net	114.045	1207.702
B) 1) APML	53.825	430.483	5) Goa (Amona)	-0.682	-8.778
2) JSWEL	16.651	155.049	Total	134.053	1412.844
3) VIPL	10.952	115.990	a) Mumbai Schedule	19.649	227.462
4) RPL(AMT)	9.636	103.217	b) Mumbai Drawl	21.696	244.471
5) WPCL	4.000	41.191	c) MSEDCL Bilateral *	29.569	373.927
6) PGPL	0.000	0.000	Include PX	0.941	74.472
7) Other IPP	11.563	118.328	d) Mumbai Bilateral *	19.649	227.462
C) 1) TPCL Thermal	7.479	81.063	Include PX	1.399	20.477
2) TPCL Hydro	2.755	49.549	Include Standby	0.000	0.000
3) TPCL Gas	4.141	40.753	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.051	95.854	1) MSEDCL	359.145	3547.608
D) STATE			2) Mumbai Discoms	45.122	511.687
1) Thermal	236.896	2266.098	TOTAL STATE	404.267	4059.295
(A1+C1+C4+(B1-B6))					
2) Hydro	7.383	96.983			
(A2+C2)					
3) Gas	14.674	142.291			
(A3+B6+C3)					
4) Wind	7.927	114.927			
6) SOLAR	3.334	26.155			
TOTAL STATE	270.214	2646.454			

* 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	5342	5218	4868	4326
MSPGCL Hydro	202	307	363	113
MSPGCL Gas	419	417	448	446
MSPGCL Total Generation	5963	5942	5679	4885
Central Sector Receipt	6373	6552	5434	4411
WIND	512	282	134	124
CPP / IPP Thermal	5174	5046	4776	3941
CPP / IPP Gas	0	0	0	0
SOLAR	486	498	1	0
Exchange with Mumbai	-1099	-1113	-1054	-895
MSEDCL DEMAND MET	17409	17207	14970	12466
Load Shedding	0	0	0	0
MSEDCL DEMAND	17409	17207	14970	12466
TPCL GENERATION	641	641	709	590
R-INFRA GENERATION	407	380	375	376
MUMBAI DEMAND	2147	2134	2138	1861
STATE DEMAND MET	19556	19341	17108	14327
STATE DEMAND	19556	19341	17108	14327
Frequency (Hz)	49.91	49.90	50.02	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 16.01 Hrs	49.97 Hz at 12.26 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 10/Dec/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.41	35.99	150	130
Unit 8	9.83	77.16	467	360
Unit 9	9.36	105.13	456	357
Unit 10	0.00	0.00	0	0
Total	22.60	218.28		
Bhusawal				
Unit 3	0.00	22.99	0	0
Unit 4	8.97	68.31	480	345
Unit 5	8.96	67.58	480	340
Total	17.93	158.88		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.58	45.45	199	184
Unit 7	0.00	12.88	0	0
Unit 8	3.96	39.32	172	155
Total	8.55	97.66		
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	89.00	395	327
Unit 7	9.79	96.79	455	342
Unit 8	9.72	97.92	465	340
Unit 9	9.72	98.27	457	351
Total	38.16	400.50		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.40	38.66	256	190
Total	5.40	38.66		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.64	37.14	165	150
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.69	94.66	460	350
Total	13.33	131.80		
Nasik				
Unit 3	3.86	39.41	190	156
Unit 4	3.90	39.74	192	154
Unit 5	0.00	0.00	0	0
Total	7.76	79.15		
Uran				
All Units	10.53	101.54	507	416
Total	10.53	101.54		
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)	0.50	1.35	51	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.50	1.35		
Koyna				
Stage 1-2	1.90	18.48	255	40
Stage 4	0.00	1.80	0	0
Stage 3	0.70	4.91	80	0
Total	2.60	25.20		
Hydro				
KDPH	0.44	0.87	19	18
VTRNA	0.02	0.02	15	0
TILLARI	0.38	3.70	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.19	2.65	80	0
RNGR+BHTSA	0.40	3.93	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.29	4.04	23	9
GHATGHAR	0.30	7.03	120	0
Total	2.02	22.24		
Wind				
Total	7.93	114.93	0	0
Total	7.93	114.93		
CPP				
APML(Mus)	53.82	430.48	0	0
JSWEL(Mus)	16.65	155.05	0	0
VIPL(Mus)	10.95	115.99	0	0
RPLAMT(Mus)	9.64	103.22	0	0
WPCL(Mus)	4.00	41.19	0	0
Other(Mus)	11.56	118.33	0	0
Total	106.63	964.26		
SOLAR				
Total	3.33	26.16	0	0
Total	3.33	26.16		
Tata				
Trombay 5	7.48	81.06	317	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.59	25.41	115	90
Trombay 7B	1.55	15.34	67	58
Trombay 8	0.00	0.00	0	0
TATA Hydro	2.76	49.55	213	0
Total	14.38	171.36		
R-INFRA				
DTPS U-1&2	9.05	95.85	407	374
Total	9.05	95.85		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	113.74	1124.92	MSPGCL Total	128.90	1273.90
			MSPGCL Thml+Gas	124.27	1226.46	Koyna 1,2 & 4 Total	1.90	20.29
			MSPGCL Hydro	4.63	47.43	State Total	270.21	2646.45

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/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	4368	86	433	4887	477	3905	0	0	4672	4919	-911	13277	0	13277	1746	15023	50.01
2	4350	86	444	4880	445	3890	0	0	4983	4591	-789	13017	0	13017	1615	14632	50.02
3	4349	91	450	4890	462	3907	0	0	4816	4602	-703	13158	0	13158	1530	14688	50.03
4	4366	86	426	4878	487	3870	0	0	4684	4739	-662	13312	0	13312	1487	14799	49.98
5	4369	91	444	4904	533	3905	0	0	4940	5202	-610	13934	0	13934	1488	15422	49.96
6	4474	90	434	4998	575	4025	0	0	5460	5801	-631	14768	0	14768	1558	16326	50.00
7	4874	175	453	5502	641	4489	0	4	5790	5613	-629	15620	0	15620	1617	17237	49.93
8	5017	98	435	5550	629	4730	0	59	5925	6048	-698	16318	0	16318	1690	18008	49.92
9	5001	247	441	5689	430	4749	0	190	5937	6215	-813	16460	0	16460	1821	18281	49.90
10	5005	239	452	5696	433	4756	0	339	6012	6056	-963	16317	0	16317	1977	18294	49.93
11	5029	362	428	5819	614	4806	0	443	6037	6097	-1031	16748	0	16748	2095	18843	49.90
12	5342	202	419	5963	512	5174	0	486	6489	6373	-1099	17409	0	17409	2147	19556	49.91
13	5218	307	417	5942	282	5046	0	498	6575	6552	-1113	17207	0	17207	2134	19341	49.90
14	5149	209	416	5774	175	4958	0	471	6382	6429	-1043	16764	0	16764	2058	18822	49.99
15	5199	209	428	5836	127	4962	0	403	6615	6324	-974	16678	0	16678	1989	18667	50.03
16	5082	202	430	5714	94	4873	0	284	6614	6400	-913	16452	0	16452	1929	18381	49.98
17	4933	224	422	5579	82	4760	0	137	6494	6447	-888	16117	0	16117	1903	18020	49.96
18	4892	269	427	5588	89	4752	0	19	5599	5784	-940	15292	0	15292	1956	17248	49.97
19	4868	363	448	5679	134	4776	0	1	5338	5434	-1054	14970	0	14970	2138	17108	50.02
20	4510	293	447	5250	172	4454	0	0	5243	5167	-1127	13916	0	13916	2156	16072	49.96
21	4357	255	507	5119	138	4023	0	0	4944	5226	-1132	13374	0	13374	2148	15522	49.96
22	4345	163	452	4960	137	3935	0	0	4949	4968	-1075	12925	0	12925	2090	15015	50.01
23	4316	168	434	4918	135	3941	0	0	4589	4657	-1003	12648	0	12648	1989	14637	50.02
24	4326	113	446	4885	124	3941	0	0	4344	4411	-895	12466	0	12466	1861	14327	50.03
MUs	113.74	4.63	10.53	128.90	7.93	106.63	0.00	3.33	133.43	134.05	-21.70	359.15	0.00	359.15	45.12	404.27	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 10/Dec/2017

Position as on 6.30 Hrs of 11/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 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	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56	10/12/2017	19.43	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 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		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		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		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	29/11/2017	22.55		Continued.	bunkering problem,Water shortage	
IPP	JSW (J) U4	300	30/11/2017	07.16		Continued.	Turbine Vibration Problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 10/Dec/2017

Position as on 6.30 Hrs of 11/Dec/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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.	
MSPGCL	Bhusawal Unit 3	210	06/12/2017	23.52		Continued.	Coal Shortage	
MSPGCL	Uran Unit 8	108	10/12/2017	20.56		Continued.	Balancing work	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 10/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 11/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 II	InterState	09/12/2017	18.08		Continued.	HT	Over Voltage
Akola Aurangabad(PG) II	InterState	11/12/2017	04.45		Continued.	T	Tripped on PDR at Akola end
Bhusawal-Aurangabad	IntraState	09/12/2017	17.42	10/12/2017	11.17	T	Over Voltage
Karad - Jaigad - II	IntraState	09/12/2017	17.48		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	09/12/2017	17.50		Continued.	HT	Over Voltage
Padghe - Kalwa-II	IntraState	09/12/2017	23.04	10/12/2017	10.03	PO	To reconnect the removed IPS tubes of 400kv kalwa 2.(RFC 01.45 Date.10.12.2017).
Babhaleshwar - Padghe-II	IntraState	10/12/2017	13.54	10/12/2017	14.18	HT	Shift from bus B to bus A.
Khadka-Aurangabad (Waluj)	IntraState	10/12/2017	17.39		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.
400/220/33 Kv 315 Mva Ict 2 @Koradi	IntraState	09/12/2017	08.23		Continued.	PO	Replacement Of Tertiary Bushings.
400/220 kv 167 MVA Spare ICT @Deepnagar	IntraState	10/12/2017	08.52		Continued.	T	Replacement of ICT-1 R-PH CT.
400/220/22 Kv 100 Mva Ict 1 @Koradi	IntraState	10/12/2017	12.33	10/12/2017	13.39	T	Crane movement.
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
Kalwa - Colourchem	IntraState	09/12/2017	12.58	10/12/2017	09.42	T	R PH E/F breakdown.
Kalwa - Mulund 2	IntraState	10/12/2017	10.10	10/12/2017	17.49	PO	Routine Maintenance Work
Kanhan-Bhandara I	IntraState	10/12/2017	10.53	10/12/2017	14.40	PO	Replacement of faulty cable of busbar.
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.
220/132 Kv 100 Mva Vijai Ict 2 @Virur	IntraState	10/12/2017	10.01	10/12/2017	11.48	PO	Attending Oil Leakages from LV CT.

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