

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 11/Dec/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.310	1243.233	1) Gujrat	0.219	8.253
2) Hydro	8.647	56.081	2) Madhya Pradesh	14.133	149.189
3) Gas	10.634	112.172	3) Chattisgarh	6.990	77.820
Total MSPGCL	137.591	1411.486	4) Maharashtra Net	113.105	1320.807
B) 1) APML	47.764	478.247	5) Goa (Amona)	-0.858	-9.636
2) JSWEL	17.581	172.630	Total	133.589	1546.433
3) VIPL	12.868	128.858	a) Mumbai Schedule	24.327	251.789
4) RPL(AMT)	11.586	114.803	b) Mumbai Drawl	23.423	267.894
5) WPCL	4.112	45.303	c) MSEDCL Bilateral *	28.773	402.700
6) PGPL	0.000	0.000	Include PX	2.200	76.671
7) Other IPP	11.277	129.605	d) Mumbai Bilateral *	24.327	251.789
C) 1) TPCL Thermal	9.330	90.393	Include PX	2.027	22.504
2) TPCL Hydro	5.714	55.263	Include Standby	0.000	0.000
3) TPCL Gas	3.874	44.627	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.372	106.226	1) MSEDCL	360.741	3908.349
D) STATE			2) Mumbai Discoms	52.714	564.401
1) Thermal	243.200	2509.298	TOTAL STATE	413.455	4472.750
(A1+C1+C4+(B1-B6))					
2) Hydro	14.361	111.344			
(A2+C2)					
3) Gas	14.508	156.799			
(A3+B6+C3)					
4) Wind	5.073	120.000			
6) SOLAR	2.723	28.878			
TOTAL STATE	279.865	2926.319			

* 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 2 Hrs
MSPGCL Thermal	5309	5346	5379	4336
MSPGCL Hydro	934	847	393	82
MSPGCL Gas	467	516	440	444
MSPGCL Total Generation	6710	6709	6212	4862
Central Sector Receipt	6783	6646	5521	4421
WIND	135	169	296	266
CPP / IPP Thermal	4451	4355	4542	3909
CPP / IPP Gas	0	0	0	0
SOLAR	423	415	0	0
Exchange with Mumbai	-1200	-1083	-1253	-753
MSEDCL DEMAND MET	17302	17211	15318	12705
Load Shedding	0	0	0	0
MSEDCL DEMAND	17302	17211	15318	12705
TPCL GENERATION	1116	1106	938	446
R-INFRA GENERATION	503	504	374	375
MUMBAI DEMAND	2819	2693	2565	1574
STATE DEMAND MET	20121	19904	17883	14279
STATE DEMAND	20121	19904	17883	14279
Frequency (Hz)	49.94	49.94	49.99	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 17.01 Hrs	49.78 Hz at 07.14 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 11/Dec/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.39	39.37	150	132
Unit 8	9.57	86.74	470	340
Unit 9	10.55	115.68	560	361
Unit 10	0.00	0.00	0	0
Total	23.51	241.79		
Bhusawal				
Unit 3	0.00	22.99	0	0
Unit 4	10.12	78.43	490	345
Unit 5	10.18	77.76	500	345
Total	20.30	179.18		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.49	49.95	195	181
Unit 7	0.00	12.88	0	0
Unit 8	3.87	43.20	172	151
Total	8.37	106.03		
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	9.02	98.03	395	334
Unit 7	9.88	106.67	456	337
Unit 8	9.89	107.81	462	345
Unit 9	9.71	107.98	448	343
Total	38.50	438.99		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.39	44.05	253	188
Total	5.39	44.05		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	3.92	41.07	180	135
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.70	104.36	460	350
Total	13.63	145.43		
Nasik				
Unit 3	4.35	43.76	203	156
Unit 4	4.27	44.00	194	157
Unit 5	0.00	0.00	0	0
Total	8.62	87.77		
Uran				
All Units	10.63	112.17	516	417
Total	10.63	112.17		
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)	0.34	1.70	52	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.34	1.70		
Koyna				
Stage 1-2	3.15	21.64	475	40
Stage 4	1.51	3.32	259	0
Stage 3	1.02	5.93	160	0
Total	5.68	30.88		
Hydro				
KDPH	0.43	1.30	19	18
VTRNA	0.00	0.02	0	0
TILLARI	0.37	4.08	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	2.89	77	0
RNGR+BHTSA	0.40	4.33	17	16
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.24	4.28	21	7
GHATGHAR	1.28	8.31	125	0
Total	2.97	25.20		
Wind				
Total	5.07	120.00	0	0
Total	5.07	120.00		
CPP				
APML(Mus)	47.76	478.25	0	0
JSWEL(Mus)	17.58	172.63	0	0
VIPL(Mus)	12.87	128.86	0	0
RPLAMT(Mus)	11.59	114.80	0	0
WPCL(Mus)	4.11	45.30	0	0
Other(Mus)	11.28	129.60	0	0
Total	105.19	1069.45		
SOLAR				
Total	2.72	28.88	0	0
Total	2.72	28.88		
Tata				
Trombay 5	9.33	90.39	489	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.39	27.80	114	71
Trombay 7B	1.49	16.83	67	53
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.71	55.26	448	69
Total	18.92	190.28		
R-INFRA				
DTPS U-1&2	10.37	106.23	506	374
Total	10.37	106.23		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	118.31	1243.23	MSPGCL Total	137.59	1411.49
			MSPGCL Thml+Gas	128.94	1355.40	Koyna 1,2 & 4 Total	4.66	24.95
			MSPGCL Hydro	8.65	56.08	State Total	279.86	2926.32

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 11/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	4324	82	443	4849	191	3907	0	0	4496	4638	-875	12710	0	12710	1704	14414	50.00
2	4336	82	444	4862	266	3909	0	0	4678	4421	-753	12705	0	12705	1574	14279	50.01
3	4319	82	443	4844	261	3917	0	0	4632	4519	-677	12864	0	12864	1494	14358	50.02
4	4325	92	444	4861	179	3908	0	0	4630	4592	-634	12906	0	12906	1450	14356	50.01
5	4315	92	445	4852	136	3925	0	0	4810	4897	-585	13225	0	13225	1470	14695	49.97
6	4630	247	433	5310	100	4208	0	0	5123	5753	-655	14716	0	14716	1594	16310	49.92
7	5073	371	454	5898	103	4804	0	1	5480	5694	-733	15767	0	15767	1801	17568	49.91
8	5303	632	435	6370	82	5144	0	42	5684	5853	-770	16721	0	16721	1993	18714	49.97
9	5324	413	444	6181	92	5291	0	180	5793	5881	-972	16653	0	16653	2283	18936	49.98
10	5332	377	427	6136	82	5291	0	304	5873	5842	-1073	16582	0	16582	2583	19165	49.96
11	5296	492	449	6237	92	4964	0	378	6130	6109	-1186	16594	0	16594	2774	19368	49.94
12	5309	934	467	6710	135	4451	0	423	6628	6783	-1200	17302	0	17302	2819	20121	49.94
13	5346	847	516	6709	169	4355	0	415	6672	6646	-1083	17211	0	17211	2693	19904	49.94
14	5367	615	417	6399	189	4338	0	399	6407	6556	-1089	16792	0	16792	2670	19462	49.98
15	5367	688	421	6476	273	4346	0	262	6540	6548	-1021	16884	0	16884	2550	19434	49.98
16	5311	627	418	6356	369	4356	0	208	6566	6361	-1050	16600	0	16600	2586	19186	49.93
17	5351	447	436	6234	376	4549	0	101	6267	6301	-985	16576	0	16576	2541	19117	49.95
18	5375	367	427	6169	316	4532	0	10	5660	5549	-1125	15451	0	15451	2580	18031	49.99
19	5379	393	440	6212	296	4542	0	0	5616	5521	-1253	15318	0	15318	2565	17883	49.99
20	5344	186	433	5963	254	4455	0	0	5632	5169	-1321	14520	0	14520	2549	17069	50.02
21	4536	254	456	5246	275	4090	0	0	5466	5342	-1218	13735	0	13735	2375	16110	49.95
22	4400	147	446	4993	249	4081	0	0	5285	5067	-1146	13244	0	13244	2190	15434	49.98
23	4322	92	437	4851	259	3942	0	0	4913	4825	-1088	12789	0	12789	2023	14812	49.99
24	4326	88	459	4873	329	3883	0	0	4605	4719	-931	12873	0	12873	1852	14725	50.00
MUs	118.31	8.65	10.63	137.59	5.07	105.19	0.00	2.72	133.59	133.59	-23.42	360.74	0.00	360.74	52.71	413.45	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 11/Dec/2017

Position as on 6.30 Hrs of 12/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	
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	
IPP	JSW (J) U2	300	01/12/2017	24.00		Continued.	no schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 11/Dec/2017

Position as on 6.30 Hrs of 12/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 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	
MSPGCL	Uran Unit 8	108	11/12/2017	13.03		Continued.	Due To Heavy Vibration.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 11/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 12/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							
HVDC Pole-I	IntraState	11/12/2017	17.32	11/12/2017	17.51	PO	shift a bus to b bus.
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	11/12/2017	08.44	HT	Over Voltage
Akola Aurangabad(PG) II	InterState	11/12/2017	04.45	11/12/2017	07.28	T	Tripped on PDR at Akola end
Akola Aurangabad(PG) II	InterState	11/12/2017	07.24		Continued.	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
Karad - Jaigad - II	IntraState	09/12/2017	17.48	11/12/2017	09.37	HT	Over Voltage
karad -kolhapur-II	IntraState	09/12/2017	17.50	11/12/2017	09.35	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	10/12/2017	17.39	11/12/2017	08.39	HT	Over Voltage
Pune(GIS) - Parli II	IntraState	11/12/2017	10.00		Continued.	PO	air compressor problem.
Akola II - Akola I Ckt-II	IntraState	11/12/2017	10.08	11/12/2017	17.48	PO	Routine Maintenance Work
Padghe - Nagothane - I	IntraState	11/12/2017	13.17	11/12/2017	13.35	PO	bus normalisation bus b to bus a.
Padghe - Kalwa-II	IntraState	11/12/2017	16.49	11/12/2017	17.05	PO	shift a bus to b bus.
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		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	11/12/2017	18.04		Continued.	HT	Over Voltage
Lonikand I - Koyana stage-IV	IntraState	11/12/2017	23.29	12/12/2017	06.09	HT	Over Voltage
Jejuri- Koyanastage-IV	IntraState	12/12/2017	04.33		Continued.	T	Dist. Protection Tripping R-E Ph. 123km Dist. 2.5 KA.
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	11/12/2017	15.28	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.
400/220KV 500MVA ICT-I @Nanded	IntraState	11/12/2017	14.24	11/12/2017	16.08	EO	Attending Hot Spot
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 Koyana - Loteparshuram	IntraState	09/12/2017	08.31		Continued.	PO	Insulator Replacement Work
Main Bus Section @ Ichalkaranji II	IntraState	11/12/2017	11.00	11/12/2017	16.25	PO	Routine Maintenance Work
Mudshingi-Belewadi	IntraState	11/12/2017	12.23		Continued.	T	Distance Protection
Wardha - Wardha Rly Tss 2	IntraState	11/12/2017	13.25	11/12/2017	14.20	PO	Replacement Of ABT Meter.
Mudshingi-Wathar	IntraState	12/12/2017	02.19	12/12/2017	02.40	T	Distance Protection

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 11/Dec/2017

Statement-VII

Position as on 6.30 Hrs of 12/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)
220/33kv 100 Mvatransformer 2 @Versova R/S	IntraState	04/12/2017	10.43		Continued.	PO	tf refurbishment work.

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