

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.469	1534.964	1) Gujrat	2.102	1.442
2) Hydro	11.832	146.394	2) Madhya Pradesh	14.231	169.407
3) Gas	10.669	125.457	3) Chattisgarh	8.260	100.620
Total MSPGCL	135.970	1806.815	4) Maharashtra Net	124.562	1594.267
B) 1) APML	71.732	860.887	5) Goa (Amona)	-0.640	-8.106
2) JSWEL	17.682	189.342	Total	148.515	1857.630
3) VIPL	6.254	75.407	a) Mumbai Schedule	14.164	233.705
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	13.888	260.763
5) WPCL	2.662	40.201	c) MSEDCL Bilateral *	36.649	440.401
6) PGPL	0.000	0.000	Include PX	8.114	94.776
7) Other IPP	6.317	73.468	d) Mumbai Bilateral *	14.164	233.705
C) 1) TPCL Thermal	13.911	173.781	Include PX	3.656	94.031
2) TPCL Hydro	0.680	45.425	Include Standby	0.000	0.000
3) TPCL Gas	4.531	53.248	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.502	124.854	1) MSEDCL	380.364	4767.428
D) STATE			2) Mumbai Discoms	43.511	658.060
1) Thermal	242.529	3072.904	TOTAL STATE	423.875	5425.488
(A1+C1+C4+(B1-B6))					
2) Hydro	12.512	191.819			
(A2+C2)					
3) Gas	15.200	178.705			
(A3+B6+C3)					
4) Wind	3.581	107.696			
6) SOLAR	1.539	16.745			
TOTAL STATE	275.361	3567.869			

* 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 23 Hrs
MSPGCL Thermal	5047	5030	4466	4099
MSPGCL Hydro	1247	1056	281	195
MSPGCL Gas	452	424	452	453
MSPGCL Total Generation	6746	6510	5199	4747
Central Sector Receipt	7019	7025	6177	5785
WIND	43	29	91	202
CPP / IPP Thermal	4526	4512	4387	3682
CPP / IPP Gas	0	0	0	0
SOLAR	200	218	1	0
Exchange with Mumbai	-626	-585	-740	-833
MSEDCL DEMAND MET	17908	17709	15115	13583
Load Shedding	0	0	0	0
MSEDCL DEMAND	17908	17709	15115	13583
TPCL GENERATION	915	913	748	698
R-INFRA GENERATION	508	510	387	387
MUMBAI DEMAND	2049	2008	1875	1918
STATE DEMAND MET	19957	19717	16990	15501
STATE DEMAND	19957	19717	16990	15501
Frequency (Hz)	49.97	50.00	49.98	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06:03 Hrs	49.82 Hz at 21:05 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 12/Mar/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	14.21	166.15	660	491
Unit 9	9.17	102.04	402	296
Unit 10	0.00	0.00	0	0
Total	23.38	268.19		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	9.06	0	0
Unit 4	10.40	126.80	505	365
Unit 5	10.47	126.94	505	360
Total	20.87	262.80		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.39	65.61	255	187
Unit 7	5.32	63.75	252	192
Unit 8	0.00	0.00	0	0
Total	10.71	129.36		
Chandrapur				
Unit 3	4.32	53.19	193	172
Unit 4	4.56	38.86	196	173
Unit 5	10.41	120.13	450	365
Unit 6	0.00	92.37	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.30	72.21	500	365
Unit 9	0.00	82.99	0	0
Total	30.60	459.76		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	5.43	67.32	255	194
Total	5.43	67.32		
Khaparkheda				
Unit 1	0.00	6.32	0	0
Unit 2	4.24	42.73	200	155
Unit 3	0.00	43.03	0	0
Unit 4	0.00	26.57	0	0
Unit 5	10.19	126.93	495	380
Total	14.43	245.57		
Nasik				
Unit 3	4.06	51.17	175	165
Unit 4	3.99	50.79	170	164
Unit 5	0.00	0.00	0	0
Total	8.05	101.96		
Uran				
All Units	10.67	125.46	468	424
Total	10.67	125.46		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.13	1.22	25	0
Total	0.13	1.22		
Koyna				
Stage 1-2	3.82	35.48	445	40
Stage 4	2.33	31.07	489	0
Stage 3	1.21	14.72	160	0
Total	7.35	81.26		
Hydro				
KDPH	0.86	10.36	36	36
VTRNA	1.10	13.37	60	0
TILLARI	0.67	6.43	62	0
BHTGR/VEER	0.00	0.53	0	0
BHIRA T.R.	0.11	2.51	40	0
RNGR+BHTSA	0.29	3.79	12	12
BHANDARDRA	0.49	5.90	38	13
ELDARY	0.26	1.64	11	10
SMLHY_PTN	0.46	6.78	20	19
GHATGHAR	0.24	13.81	125	0
Total	4.48	65.13		
Wind				
Total	3.58	107.70	0	0
Total	3.58	107.70		
CPP				
APML(Mus)	71.73	860.89	0	0
JSWEL(Mus)	17.68	189.34	0	0
VIPL(Mus)	6.25	75.41	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.66	40.20	0	0
Other(Mus)	6.32	73.47	0	0
Total	104.65	1239.30		
SOLAR				
Total	1.54	16.74	0	0
Total	1.54	16.74		
Tata				
Trombay 5	8.83	110.66	486	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.91	34.16	122	115
Trombay 7B	1.62	19.09	69	66
Trombay 8	5.08	63.12	249	199
TATA Hydro	0.68	45.42	102	19
Total	19.12	272.45		
R-INFRA				
1-2	10.50	124.85	511	386
Total	10.50	124.85		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	113.47	1534.96	MSPGCL Total	135.97	1806.82
			MSPGCL Thml+Gas	124.14	1660.42	Koyna 1,2 & 4 Total	6.15	66.55
			MSPGCL Hydro	11.83	146.39	State Total	275.36	3567.87

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/Mar/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	4452	163	444	5059	289	4304	0	0	5951	5577	-709	14520	0	14520	1789	16309	49.94
2	4540	148	453	5141	293	4394	0	0	5763	5493	-543	14778	0	14778	1626	16404	49.96
3	4551	133	451	5135	276	4404	0	0	5757	5331	-467	14679	0	14679	1547	16226	50.00
4	4596	147	451	5194	241	4430	0	0	5739	5242	-413	14694	0	14694	1497	16191	49.99
5	4611	131	444	5186	284	4459	0	0	5784	5352	-405	14876	0	14876	1485	16361	50.00
6	4892	166	464	5522	291	4527	0	0	5971	5669	-436	15573	0	15573	1563	17136	49.99
7	5077	212	445	5734	230	4495	0	0	6254	6152	-208	16403	0	16403	1606	18009	50.04
8	5074	463	467	6004	206	4522	0	20	6953	6714	-230	17236	0	17236	1664	18900	50.01
9	5078	934	468	6480	127	4526	0	84	6865	6866	-385	17698	0	17698	1809	19507	49.98
10	5108	896	437	6441	133	4522	0	142	6558	6252	-474	17016	0	17016	1893	18909	50.00
11	5065	1097	438	6600	100	4518	0	182	6696	6366	-590	17176	0	17176	2017	19193	50.01
12	5047	1247	452	6746	43	4526	0	200	7078	7019	-626	17908	0	17908	2049	19957	49.97
13	5030	1056	424	6510	29	4512	0	218	7060	7025	-585	17709	0	17709	2008	19717	50.00
14	5024	1222	427	6673	20	4470	0	196	6764	6583	-508	17434	0	17434	1932	19366	50.07
15	5028	886	434	6348	31	4506	0	187	6721	6863	-482	17453	0	17453	1904	19357	50.01
16	5055	689	432	6176	20	4525	0	148	6891	7035	-535	17369	0	17369	1844	19213	49.98
17	4991	485	425	5901	27	4513	0	101	6626	6711	-629	16624	0	16624	1813	18437	49.97
18	4597	374	431	5402	76	4518	0	60	6066	6431	-664	15823	0	15823	1806	17629	49.97
19	4466	281	452	5199	91	4387	0	1	6106	6177	-740	15115	0	15115	1875	16990	49.98
20	4415	280	440	5135	72	4076	0	0	6083	6285	-910	14658	0	14658	2049	16707	49.99
21	4396	247	440	5083	115	4023	0	0	6023	6098	-882	14437	0	14437	2007	16444	49.97
22	4190	190	446	4826	233	3936	0	0	6021	5623	-875	13743	0	13743	1965	15708	49.97
23	4099	195	453	4747	202	3682	0	0	5973	5785	-833	13583	0	13583	1918	15501	50.00
24	4087	190	451	4728	152	3873	0	0	5939	5866	-759	13860	0	13860	1846	15706	50.02
MUs	113.47	11.83	10.67	135.97	3.58	104.65	0.00	1.54	151.64	148.52	-13.89	380.36	0.00	380.36	43.51	423.88	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 12/Mar/2017

Position as on 6.30 Hrs of 13/Mar/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,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Paras Unit 3	250	25/10/2016	08.54		Continued.	(Stator Fault)continued under AOH.26/10/2016 00.00hrs	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
MSPGCL	Koyana Unit 7	80	10/02/2017	11.20		Continued.	Maintenance Work.	
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	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
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.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
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.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
IPP	RPL(AMT) U-5	270	15/11/2016	20.00		Continued.	Zero schedule by MSEDCL	
IPP	RPL(AMT) U-4	270	16/11/2016	21.03		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	16/11/2016	22.36		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	17/11/2016	17.23		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Parli Unit 8	250	18/11/2016	16.23		Continued.	w/dn for balance work.	
IPP	JSW (J) U2	300	01/12/2016	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	03/01/2017	00.45		Continued.	turbine bearing temprature high.	
MSPGCL	Koradi Unit 10	660	07/02/2017	00.10		Continued.	Work Of PG Test.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	

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

Position as on 6.30 Hrs of 13/Mar/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Koradi Unit 7	210	15/02/2017	14.18		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Nasik Unit 5	210	24/02/2017	14.30		Continued.	Zero Schedule.	
MSPGCL	Khaparkhedda Unit 1	210	02/03/2017	13.08		Continued.	zero schedule.	
MSPGCL	Bhusawal Unit 3	210	03/03/2017	06.42		Continued.	zero schedule	
MSPGCL	Khaparkhedda Unit 4	210	07/03/2017	07.19		Continued.	Boiler Tube Leakage	
CPP	SWPGL U-3	135	08/03/2017	15.00		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 6	500	10/03/2017	08.50	13/03/2017	03.20	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	10/03/2017	19.46	13/03/2017	05.17	Air Preheater Problem.	
MSPGCL	Khaparkhedda Unit 3	210	10/03/2017	23.50		Continued.	Zero Schedule.	

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

Statement-VII

Position as on 6.30 Hrs of 13/Mar/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							
Dhule Sar'Sarovar I	InterState	11/03/2017	18.25	12/03/2017	07.03	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	12/03/2017	18.05		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	11/03/2017	17.36	12/03/2017	06.52	HT	Over Voltage
karad -kolhapur-II	IntraState	11/03/2017	18.01	12/03/2017	07.07	HT	Over Voltage
Karad-Jaigad - I	IntraState	11/03/2017	18.03	12/03/2017	08.54	HT	Over Voltage
Bus Coupler @ Kalwa	IntraState	12/03/2017	11.28	12/03/2017	11.44	PO	For filling SF6 gas in R-phase pole.
Karad - Jaigad - II	IntraState	12/03/2017	16.35		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	12/03/2017	16.37		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	12/03/2017	17.55		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	12/03/2017	07.11	12/03/2017	18.20	PO	Isolator Maintenance work.
400/220/33 Kv 315 Mva ICT- II @Padghe	IntraState	12/03/2017	11.47	12/03/2017	19.20	HT	Only LV hand tripped for padgha A bus outage.
220 KV LINE Outages/Trippings							
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer 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 jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kharghar - Tss Panvel	IntraState	05/03/2017	08.16		Continued.	PO	Removal of bunching to from TSS -PGPL line.
Kharghar-PGPL	IntraState	05/03/2017	08.35		Continued.	EO	Removal of bunching to from TSS -PGPL line.
Padgha - Temghar I	IntraState	12/03/2017	08.12	12/03/2017	19.55	HT	Padgha A bus outage.
Padgha-Temghar-II	IntraState	12/03/2017	08.12	12/03/2017	19.55	HT	Padgha A bus outage.
Bus A at Padgha	IntraState	12/03/2017	11.49	12/03/2017	18.00	PO	Attending SF6 gas leakage.
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 @Aarey R/S	IntraState	11/03/2017	08.25	12/03/2017	01.22	PO	Replacement of CT & LA.
220/100 Kv 200 MVA ICT IV @Padghe	IntraState	12/03/2017	12.30	12/03/2017	14.00	HT	Only LV hnd tripped for padgha A bus outage.

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