

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	152.293	1515.102	1) Gujrat	2.941	13.682
2) Hydro	11.984	148.380	2) Madhya Pradesh	10.121	106.667
3) Gas	10.560	97.341	3) Chattisgarh	4.350	42.560
Total MSPGCL	174.837	1760.823	4) Maharashtra Net	133.951	1299.271
B) 1) APML	42.969	459.181	5) Goa (Amona)	-0.616	-6.268
2) JSWEL	21.854	204.883	Total	150.747	1455.912
3) VIPL	14.043	140.367	a) Mumbai Schedule	23.318	243.801
4) RPL(AMT)	28.249	259.329	b) Mumbai Drawl	29.599	266.382
5) WPCL	4.667	41.999	c) MSEDCL Bilateral *	40.124	345.204
6) PGPL	0.000	0.000	Include PX	2.065	29.930
7) Other IPP	4.533	38.745	d) Mumbai Bilateral *	23.318	243.801
C) 1) TPCL Thermal	14.760	153.187	Include PX	0.354	26.224
2) TPCL Hydro	5.324	33.670	Include Standby	0.000	0.000
3) TPCL Gas	4.493	45.262	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.853	112.060	1) MSEDCL	426.426	4244.215
D) STATE			2) Mumbai Discoms	65.029	610.565
1) Thermal	294.221	2924.853	TOTAL STATE	491.455	4854.780
(A1+C1+C4+(B1-B6))					
2) Hydro	17.308	182.050			
(A2+C2)					
3) Gas	15.053	142.603			
(A3+B6+C3)					
4) Wind	12.635	134.707			
6) SOLAR	1.491	14.651			
TOTAL STATE	340.708	3398.864			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6501	6498	6363	6129
MSPGCL Hydro	464	1456	555	207
MSPGCL Gas	423	424	424	457
MSPGCL Total Generation	7388	8378	7342	6793
Central Sector Receipt	7056	7076	6085	5592
WIND	720	217	365	571
CPP / IPP Thermal	4759	4962	4979	4629
CPP / IPP Gas	0	0	0	0
SOLAR	206	145	0	0
Exchange with Mumbai	-1604	-1468	-1302	-833
MSEDCL DEMAND MET	18525	19310	17469	16752
Load Shedding	0	0	0	0
MSEDCL DEMAND	18525	19310	17469	16752
TPCL GENERATION	1233	1368	1173	705
R-INFRA GENERATION	447	490	466	388
MUMBAI DEMAND	3284	3326	2941	1926
STATE DEMAND MET	21809	22636	20410	18678
STATE DEMAND	21809	22636	20410	18678
Frequency (Hz)	50.01	49.93	49.90	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 13.17 Hrs	49.69 Hz at 19.15 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/Apr/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	3.90	38.15	170	150
Unit 8	13.04	125.54	551	508
Unit 9	13.37	128.95	590	530
Unit 10	0.00	0.00	0	0
Total	30.30	292.63		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.13	42.26	185	160
Unit 4	8.50	101.10	365	350
Unit 5	8.59	101.48	365	350
Total	21.22	244.84		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.86	58.02	257	214
Unit 7	0.00	36.57	0	0
Unit 8	0.00	0.00	0	0
Total	5.86	94.58		
Chandrapur				
Unit 3	4.82	47.40	205	193
Unit 4	4.73	46.74	200	189
Unit 5	10.67	69.52	460	425
Unit 6	10.32	102.88	440	416
Unit 7	0.00	0.00	0	0
Unit 8	6.99	81.89	350	230
Unit 9	10.17	87.76	500	331
Total	47.69	436.20		
Paras				
Unit 3	6.02	59.02	255	225
Unit 4	5.79	43.54	254	220
Total	11.81	102.56		
Khaparkheda				
Unit 1	4.10	39.32	190	155
Unit 2	4.14	39.82	190	150
Unit 3	4.66	41.39	200	160
Unit 4	4.19	39.28	181	160
Unit 5	10.79	104.02	500	390
Total	27.88	263.83		
Nasik				
Unit 3	0.00	36.00	0	0
Unit 4	3.47	3.47	182	0
Unit 5	4.06	41.00	172	165
Total	7.52	80.47		
Uran				
All Units	10.56	97.34	457	420
Total	10.56	97.34		
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)	0.02	0.67	22	0
Total	0.02	0.67		
Koyna				
Stage 1-2	4.30	44.77	520	40
Stage 4	2.83	45.70	740	0
Stage 3	2.08	20.55	240	0
Total	9.20	111.02		
Hydro				
KDPH	0.74	5.24	31	31
VTRNA	0.00	9.07	0	0
TILLARI	0.11	1.70	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	1.75	63	0
RNGR+BHTSA	0.30	2.76	13	12
BHANDARDRA	0.51	5.04	44	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.56	5.70	33	20
GHATGHAR	0.35	6.11	108	0
Total	2.78	37.36		
Wind				
Total	12.64	134.71	0	0
Total	12.64	134.71		
CPP				
APML(Mus)	42.97	459.18	0	0
JSWEL(Mus)	21.85	204.88	0	0
VIPL(Mus)	14.04	140.37	0	0
RPLAMT(Mus)	28.25	259.33	0	0
WPCL(Mus)	4.67	42.00	0	0
Other(Mus)	4.53	38.74	0	0
Total	116.32	1144.50		
SOLAR				
Total	1.49	14.65	0	0
Total	1.49	14.65		
Tata				
Trombay 5	9.56	99.90	493	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.88	29.11	123	116
Trombay 7B	1.61	16.15	68	66
Trombay 8	5.20	53.29	240	199
TATA Hydro	5.32	33.67	459	0
Total	24.58	232.12		
R-INFRA				
DTPS U-1&2	10.85	112.06	508	388
Total	10.85	112.06		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	152.29	1515.10	MSPGCL Total	174.84	1760.82
			MSPGCL Thml+Gas	162.85	1612.44	Koyna 1,2 & 4 Total	7.13	90.47
			MSPGCL Hydro	11.98	148.38	State Total	340.71	3398.86

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 10/Apr/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	6068	758	449	7275	490	5005	0	0	5768	5899	-978	17691	0	17691	2404	20095	49.96
2	6070	265	452	6787	322	5013	0	0	6073	5959	-754	17327	0	17327	2147	19474	49.99
3	6096	202	455	6753	465	4816	0	0	5949	5912	-886	17060	0	17060	2038	19098	49.99
4	6129	207	457	6793	571	4629	0	0	5693	5592	-833	16752	0	16752	1926	18678	49.99
5	6195	212	455	6862	665	4634	0	0	5668	5608	-795	16974	0	16974	1888	18862	49.97
6	6228	234	456	6918	775	4887	0	0	5709	5715	-852	17443	0	17443	1946	19389	49.97
7	6232	229	456	6917	847	5018	0	0	6058	6101	-917	17966	34	18000	2044	20044	50.00
8	6324	163	450	6937	855	4873	0	31	6279	6059	-960	17795	45	17840	2137	19977	50.03
9	6257	137	447	6841	786	4597	0	80	6483	6708	-1279	17733	0	17733	2521	20254	49.98
10	6406	276	444	7126	989	4554	0	129	6297	6147	-1479	17466	0	17466	2814	20280	50.00
11	6574	465	425	7464	931	4616	0	172	6450	6408	-1653	17938	0	17938	3153	21091	50.03
12	6501	464	423	7388	720	4759	0	206	6820	7056	-1604	18525	0	18525	3284	21809	50.01
13	6579	652	432	7663	422	4836	0	192	6816	7326	-1435	19004	0	19004	3290	22294	50.02
14	6538	734	427	7699	275	4877	0	219	6797	7072	-1364	18778	0	18778	3241	22019	50.05
15	6527	1138	421	8086	169	4950	0	168	6792	7294	-1439	19228	0	19228	3307	22535	49.94
16	6498	1456	424	8378	217	4962	0	145	6662	7076	-1468	19310	0	19310	3326	22636	49.93
17	6475	1161	420	8056	252	4962	0	99	6786	6911	-1466	18814	0	18814	3287	22101	49.89
18	6420	572	437	7429	319	4927	0	44	6509	6666	-1523	17862	0	17862	3104	20966	49.95
19	6262	356	423	7041	327	4706	0	5	6365	6155	-1578	16656	0	16656	2938	19594	49.99
20	6363	555	424	7342	365	4979	0	0	6002	6085	-1302	17469	0	17469	2941	20410	49.90
21	6360	373	443	7176	532	4950	0	0	5693	5809	-1198	17269	0	17269	2858	20127	49.97
22	6379	195	444	7018	539	4927	0	0	5654	5540	-1289	16735	0	16735	2795	19530	49.96
23	6409	418	448	7275	428	4940	0	0	5612	5723	-1277	17089	0	17089	2804	19893	49.93
24	6403	762	448	7613	374	4897	0	0	5867	5926	-1270	17540	0	17540	2836	20376	49.93
MUs	152.29	11.98	10.56	174.84	12.64	116.31	0.00	1.49	148.80	150.75	-29.60	426.42	0.08	426.50	65.03	491.53	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/Apr/2017

Position as on 6.30 Hrs of 11/Apr/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	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
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)	
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	
MSPGCL	Koradi Unit 10	660	07/02/2017	00.10	11/04/2017	04.24	Work Of PG Test.	
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	Koyana STG- IV Unit - 1	250	17/03/2017	10.45		Continued.	Turbine bearing Vibration high	
MSPGCL	Nasik Unit 4	210	25/03/2017	05.45	10/04/2017	01.04	BTL continued under zero schedule by MSEDCL w.e.f. 26.03.2017 at 00:00	
MSPGCL	Parli Unit 8	250	31/03/2017	12.55		Continued.	Low furnace pressure	
IPP	Adani U-3	660	03/04/2017	01.22		Continued.	Reduction in Hydrogen Pressure.	
IPP	Adani U-1	660	04/04/2017	12.52		Continued.	Bearing vibration high	
MSPGCL	Parli Unit 7	250	07/04/2017	16.20	11/04/2017	06.35	Boiler Tube Leakage	
MSPGCL	Nasik Unit 3	210	09/04/2017	15.50		Continued.	tripped on boiler feed pump problem.	
MSPGCL	Khaparkheda Unit 3	210	11/04/2017	04.22		Continued.	Flame Failure	

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

Statement-VII

Position as on 6.30 Hrs of 11/Apr/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 II	InterState	09/04/2017	17.54	10/04/2017	06.42	HT	Over Voltage
Akola Aurangabad(PG) I	InterState	10/04/2017	11.08	10/04/2017	11.34	PO	PGCIL Work to Take Reactor Out.
Akola Aurangabad(PG) I	InterState	10/04/2017	15.07	10/04/2017	15.36	PO	For Takeing Reactor in Service.
Dhule Sar'Sarovar II	InterState	10/04/2017	20.21		Continued.	HT	Over Voltage
Akola II - Akola I Ckt-I	IntraState	10/04/2017	11.45	10/04/2017	16.47	PO	R.M. & Testing Work.
Chandrapur - Khaperkheda	IntraState	10/04/2017	12.43	10/04/2017	15.36	T	Dist.Prot.Z-1 A/R Lockout B Ph
Parly(MS)- Nanded ckt I	IntraState	10/04/2017	13.42	10/04/2017	14.57	T	Dist Prot.,R Ph to Earth Z-1.
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- II @Warora	IntraState	27/03/2017	12.58		Continued.	PO	Dismantling Work And Will Be Transport At Padgha.
400/220KV 500MVA ICT 1 @Koaradi2	IntraState	10/04/2017	13.04	10/04/2017	16.17	EO	Fire Protection Work.
400/220 Kv 500 Mva ICT- I @Jejuri	IntraState	11/04/2017	00.51	11/04/2017	03.37	PO	Load Trimming Modification.
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	11/04/2017	03.43	11/04/2017	05.15	PO	Load Trimming Modification.
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.
Trombay MSETCL Tie 1	IntraState	05/04/2017	12.33		Continued.	PO	Relay and scada panel replacement
Adlabs - Pedambe	IntraState	07/04/2017	07.20		Continued.	PO	R.M & C T Replacement Work.
Nashik-Airoli Knowledge Park	IntraState	09/04/2017	23.16	10/04/2017	00.52	HT	control bableswhar-nashik line loading.
Kalmeshwar-Pandhurna	IntraState	10/04/2017	08.09	10/04/2017	19.14	T	Distance Protection
Sawantwadi-Bidri	IntraState	10/04/2017	09.14	10/04/2017	19.00	PO	Insulator Washing Work.
Padghe - Jambhul 1	IntraState	10/04/2017	11.45	10/04/2017	12.01	T	Distance Protection
Colourchem - Temghar	IntraState	10/04/2017	13.55	10/04/2017	16.52	T	Dist.Prot.R Phase to Nutral.
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)
132 KV LINE Outages/Trippings							
Kanhan-Bhandara	IntraState	10/04/2017	11.47	10/04/2017	15.47	T	Distance Protection

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