

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Apr/2017 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	142.633	4587.617	1) Gujrat	-1.598	11.928
2) Hydro	7.017	502.058	2) Madhya Pradesh	12.046	362.806
3) Gas	6.519	295.987	3) Chattisgarh	6.520	174.840
Total MSPGCL	156.169	5385.662	4) Maharashtra Net	135.539	3981.933
B) 1) APML	40.845	1417.308	5) Goa (Amona)	-0.660	-19.820
2) JSWEL	16.928	630.962	Total	151.847	4511.687
3) VIPL	13.226	291.873	a) Mumbai Schedule	18.852	743.455
4) RPL(AMT)	13.095	553.920	b) Mumbai Drawl	20.304	818.340
5) WPCL	1.761	99.305	c) MSEDCL Bilateral *	47.608	1079.392
6) PGPL	0.000	0.000	Include PX	25.519	238.536
7) Other IPP	2.230	107.692	d) Mumbai Bilateral *	18.852	743.115
C) 1) TPCL Thermal	16.041	484.519	Include PX	0.169	181.860
2) TPCL Hydro	1.216	114.121	Include Standby	0.000	0.340
3) TPCL Gas	4.516	134.991	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.474	347.339	1) MSEDCL	386.986	12667.924
D) STATE			2) Mumbai Discoms	53.551	1899.308
1) Thermal	258.233	8520.535	TOTAL STATE	440.537	14567.232
(A1+C1+C4+(B1-B6))					
2) Hydro	8.233	616.179			
(A2+C2)					
3) Gas	11.035	430.978			
(A3+B6+C3)					
4) Wind	9.520	439.919			
6) SOLAR	1.669	47.936			
TOTAL STATE	288.690	10055.547			

* 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 20 Hrs	D. Night Minimum at 2 Hrs
MSPGCL Thermal	6078	6106	5660	6206
MSPGCL Hydro	279	168	275	203
MSPGCL Gas	295	290	308	107
MSPGCL Total Generation	6652	6564	6243	6516
Central Sector Receipt	7517	7588	5565	5720
WIND	244	313	843	247
CPP / IPP Thermal	3691	3665	3704	3752
CPP / IPP Gas	0	0	0	0
SOLAR	226	231	0	0
Exchange with Mumbai	-845	-831	-1148	-887
MSEDCL DEMAND MET	17485	17530	15207	15348
Load Shedding	193	465	12	19
MSEDCL DEMAND	17678	17995	15219	15367
TPCL GENERATION	960	1000	845	939
R-INFRA GENERATION	503	505	387	507
MUMBAI DEMAND	2308	2336	2380	2333
STATE DEMAND MET	19793	19866	17587	17681
STATE DEMAND	19986	20331	17599	17700
Frequency (Hz)	49.94	49.96	49.93	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18.01 Hrs	49.74 Hz at 19.11 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 30/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	3.26	100.74	164	110
Unit 8	11.94	316.15	557	430
Unit 9	10.39	356.40	579	342
Unit 10	2.73	127.27	316	0
Total	28.32	900.56		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.14	122.12	180	160
Unit 4	8.82	290.19	470	0
Unit 5	10.84	288.14	475	370
Total	23.78	700.46		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.80	175.41	250	200
Unit 7	5.31	147.44	241	192
Unit 8	0.00	35.14	0	0
Total	11.11	357.99		
Chandrapur				
Unit 3	4.44	128.79	188	175
Unit 4	3.22	138.39	198	0
Unit 5	10.52	274.96	450	400
Unit 6	0.00	285.60	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.86	270.04	470	403
Unit 9	10.78	208.38	500	369
Total	39.82	1306.17		
Paras				
Unit 3	0.00	122.69	0	0
Unit 4	0.00	150.79	0	0
Total	0.00	273.47		
Khaparkheda				
Unit 1	4.18	123.94	185	160
Unit 2	3.96	123.32	175	155
Unit 3	4.37	130.82	195	160
Unit 4	4.38	115.94	190	162
Unit 5	10.90	288.68	495	385
Total	27.80	782.69		
Nasik				
Unit 3	2.65	38.64	200	0
Unit 4	4.60	95.22	204	156
Unit 5	4.56	132.41	201	165
Total	11.80	266.27		
Uran				
All Units	6.52	295.99	313	73
Total	6.52	295.99		
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)	0.04	2.79	30	0
Total	0.04	2.79		
Koyna				
Stage 1-2	2.20	151.22	450	40
Stage 4	1.33	185.40	500	0
Stage 3	0.86	75.17	160	0
Total	4.39	411.79		
Hydro				
KDPH	0.62	17.85	26	25
VTRNA	0.52	16.49	61	0
TILLARI	0.00	2.88	0	0
BHTGR/VEER	0.00	0.08	0	0
BHIRA T.R.	0.09	6.07	40	0
RNGR+BHTSA	0.30	8.51	13	12
BHANDARDRA	0.46	14.77	39	11
ELDARY	0.24	0.60	10	9
SMLHY_PTN	0.40	14.14	25	14
GHATGHAR	0.00	8.88	0	0
Total	2.62	90.27		
Wind				
Total	9.52	439.92	0	0
Total	9.52	439.92		
CPP				
APML(Mus)	40.84	1417.31	0	0
JSWEL(Mus)	16.93	630.96	0	0
VIPL(Mus)	13.23	291.87	0	0
RPLAMT(Mus)	13.10	553.92	0	0
WPCL(Mus)	1.76	99.30	0	0
Other(Mus)	2.23	107.69	0	0
Total	88.08	3101.06		
SOLAR				
Total	1.67	47.94	0	0
Total	1.67	47.94		
Tata				
Trombay 5	10.59	318.55	493	308
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.92	86.91	123	120
Trombay 7B	1.60	48.08	67	66
Trombay 8	5.45	165.97	245	200
TATA Hydro	1.22	114.12	144	0
Total	21.77	733.63		
R-INFRA				
DTPS U-1&2	11.47	347.34	508	387
Total	11.47	347.34		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	142.63	4587.62	MSPGCL Total	156.17	5385.66
			MSPGCL Thml+Gas	149.15	4883.60	Koyna 1,2 & 4 Total	3.53	336.62
			MSPGCL Hydro	7.02	502.06	State Total	288.69	10055.55

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 30/Apr/2017

Annexure-2

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	6139	446	73	6658	318	3833	0	0	5728	5716	-1018	15507	10	15517	2474	17991	49.93
2	6206	203	107	6516	247	3752	0	0	5661	5720	-887	15348	19	15367	2333	17700	49.94
3	6193	354	152	6699	224	3752	0	0	5662	5954	-714	15915	19	15934	2142	18076	49.92
4	5766	843	220	6829	190	3556	0	0	5690	6194	-612	16157	19	16176	2037	18213	49.91
5	5672	1139	272	7083	140	3388	0	0	5692	6076	-569	16118	19	16137	1995	18132	49.98
6	5800	586	304	6690	129	3582	0	0	6063	5984	-581	15804	29	15833	2009	17842	50.03
7	5825	146	302	6273	177	3668	0	8	6630	6223	-535	15814	77	15891	1961	17852	50.01
8	5836	147	313	6296	223	3655	0	46	6715	6962	-558	16624	120	16744	1944	18688	49.98
9	6173	176	307	6656	196	3661	0	105	6582	6570	-613	16575	202	16777	2036	18813	50.00
10	6050	209	309	6568	165	3651	0	166	6563	6422	-650	16322	97	16419	2106	18525	49.99
11	6061	224	280	6565	173	3675	0	202	7056	7023	-821	16817	73	16890	2232	19122	49.96
12	6078	279	295	6652	244	3691	0	226	7302	7517	-845	17485	193	17678	2308	19986	49.94
13	6106	168	290	6564	313	3665	0	231	7326	7588	-831	17530	465	17995	2336	20331	49.96
14	6097	118	307	6522	440	3662	0	220	7383	6807	-819	16832	394	17226	2291	19517	49.96
15	6058	113	290	6461	565	3669	0	190	7395	7355	-834	17406	183	17589	2292	19881	49.97
16	6148	123	295	6566	500	3672	0	161	7389	7598	-810	17687	105	17792	2326	20118	49.98
17	6059	113	305	6477	534	3644	0	82	7353	6736	-886	16587	63	16650	2309	18959	50.03
18	5523	168	285	5976	681	3545	0	30	6218	5946	-1007	15171	22	15193	2215	17408	50.02
19	5380	212	297	5889	1015	3491	0	2	5901	5406	-983	14820	18	14838	2186	17024	50.00
20	5660	275	308	6243	843	3704	0	0	5534	5565	-1148	15207	12	15219	2380	17599	49.93
21	5845	238	299	6382	671	3715	0	0	5422	5222	-1174	14816	5	14821	2404	17225	50.00
22	5831	179	299	6309	606	3748	0	0	5372	5458	-1166	14955	4	14959	2381	17340	49.97
23	5977	162	299	6438	548	3852	0	0	5255	5795	-1165	15468	4	15472	2392	17864	49.93
24	6150	396	311	6857	378	3854	0	0	5693	6010	-1078	16021	2	16023	2462	18485	49.94
MUs	142.63	7.02	6.52	156.17	9.52	88.08	0.00	1.67	151.58	151.85	-20.30	386.99	2.15	389.14	53.55	442.69	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 30/Apr/2017

Position as on 6.30 Hrs of 01/May/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 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.	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	
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	Nasik Unit 3	210	09/04/2017	15.50	30/04/2017	07.35	tripped on boiler feed pump problem and continued under zero schedule by MSEDCL	
IPP	RPL(AMT) U-5	270	15/04/2017	08.59		Continued.	Coal Shortage	
IPP	RPL(AMT) U-4	270	15/04/2017	12.08		Continued.	Coal Shortage	
IPP	Adani U-1	660	18/04/2017	13.12		Continued.	Due to coal shortage.	
IPP	RPL(AMT) U-3	270	19/04/2017	19.30		Continued.	Coal Shortage	
CPP	SWPGL U-3	135	25/04/2017	00.01		Continued.	ESP.	
MSPGCL	Parli Unit 8	250	25/04/2017	07.52		Continued.	Turbine bearing Vabration high	
IPP	JSW (J) U2	300	27/04/2017	00.29		Continued.	ZERO SCHEDULE.	
MSPGCL	Paras Unit 4	250	29/04/2017	11.41		Continued.	bunkering problem.	
MSPGCL	Paras Unit 3	250	29/04/2017	19.09		Continued.	Insufficient coal.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 30/Apr/2017

Position as on 6.30 Hrs of 01/May/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 6	500	29/04/2017	19.31		Continued.	Air heater problem	
MSPGCL	Koradi Unit 10	660	29/04/2017	21.28	30/04/2017	01.04	Low Vacuum	
MSPGCL	Uran Unit A0	120	29/04/2017	21.57	30/04/2017	01.34	Gasket leakage.	
MSPGCL	Uran Unit 5	108	29/04/2017	21.57	01/05/2017	17.26	Gasket leakage.	
MSPGCL	Uran Unit B0	120	29/04/2017	21.57	30/04/2017	04.24	Gasket leakage.	
MSPGCL	Bhusawal Unit 4	500	30/04/2017	02.47	30/04/2017	04.54	PA Fan problem	
IPP	VIPL U-1	300	30/04/2017	03.24	30/04/2017	04.46	class a Protection operated due to external fault.	
MSPGCL	Koradi Unit 10	660	30/04/2017	03.25	30/04/2017	07.36	BFP tripped.	
MSPGCL	Koradi Unit 10	660	30/04/2017	09.22	30/04/2017	14.25	water wall temp. high.	
MSPGCL	Chandrapur Unit 4	210	30/04/2017	16.39		Continued.	Boiler Tube Leakage	
RGPPL	Dabhol 3B	230	30/04/2017	20.49	01/05/2017	6.20	loss of flame.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 01/May/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	29/04/2017	20.17		Continued.	HT	Over Voltage
Akola Wardha I	InterState	30/04/2017	00.43	30/04/2017	02.24	HT	Sparking on Wave Trap
karad -kolhapur-I	IntraState	27/04/2017	11.48	30/04/2017	10.46	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	29/04/2017	08.42		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/04/2017	22.30	30/04/2017	08.07	HT	Over Voltage
Warora-Tirora-Ii	IntraState	29/04/2017	23.28	30/04/2017	00.51	T	Distance Protection
Alkud-Kolhapur(Talandage)	IntraState	30/04/2017	13.38	30/04/2017	19.30	PO	to check cvt.
Bhusawal-Aurangabad	IntraState	30/04/2017	18.39	01/05/2017	11.23	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	01/05/2017	09.45		Continued.	PO	Cold Method Insulator Washing.
Bhusawal-Aurangabad	IntraState	01/05/2017	18.11		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	01/05/2017	22.50	01/05/2017	22.50	HT	To Take Energy Reading.
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.
400/220 Kv 315 Mva Ict 1 @Chakan	IntraState	29/04/2017	23.56	30/04/2017	00.41	T	bus 1 tripped.
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	30/04/2017	08.07	30/04/2017	13.40	PO	ct replacemant.
400/220kv 315 MVA ICT- III@Padgha	IntraState	30/04/2017	15.06	30/04/2017	22.16	PO	replacement of ct cable.
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	26/04/2017	10.00	30/04/2017	20.15	HT	HANDTRIPPED.
Mudshingi - Chikodi	InterState	29/04/2017	10.55	30/04/2017	19.40	PO	Tower Work
Talandage - Chikodi	InterState	29/04/2017	11.45	30/04/2017	20.15	PO	Tower Work.
Borivali - Tarapur	InterState	30/04/2017	10.25	30/04/2017	16.30	PO	safty purpose of bunching of borivali kamba.
Mahalakshmi Amona	InterState	01/05/2017	05.45	01/05/2017	07.10	T	Distance Protection
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.
Borivali(M)- Vasai	IntraState	29/04/2017	08.14	30/04/2017	16.30	PO	Line Maintenance work
Chakan-Mahindra Vehicle	IntraState	29/04/2017	23.56	30/04/2017	00.53	T	bus 1 tripped.
Chakan-Chinchwad	IntraState	29/04/2017	23.56	30/04/2017	00.44	T	bus 1 tripped.
Chakan I - Chakan II (tap to Volkswagen)	IntraState	29/04/2017	23.56		Continued.	T	Y P H CT BRUST.
Butibori - Wardha	IntraState	30/04/2017	03.24	30/04/2017	13.48	T	R PH JUMPER OPENED.
Kharepatan -Pawas Line	IntraState	30/04/2017	04.55	30/04/2017	16.35	T	Distance Protection
Niwali - Pawas Line	IntraState	30/04/2017	06.34	30/04/2017	14.22	T	Distance Protection
Kamba-Borivali	IntraState	30/04/2017	08.14	30/04/2017	16.30	PO	removal off bunching New Borivali boisar line charge.
Ambazari-Amravati	IntraState	30/04/2017	08.50	30/04/2017	09.22	HT	Distance Protection
Boisar(M) - Ghodbunder	IntraState	30/04/2017	12.56	30/04/2017	13.22	PO	safty purpose.
Butibori - Wardha	IntraState	30/04/2017	13.57	30/04/2017	14.09	HT	DUE TO SPARKING ON LINE ISOLATOR.
Padgha - Temghar I	IntraState	30/04/2017	15.02	30/04/2017	22.26	HT	under outage 315 mva ict 3.
Padgha-Temghar-II	IntraState	30/04/2017	15.02	30/04/2017	22.26	HT	under outage 315 mva ict 3.
Ambazari-Amravati	IntraState	30/04/2017	17.55	30/04/2017	22.24	HT	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 30/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 01/May/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bableshwar-Alephata ckt I	IntraState	30/04/2017	19.28	30/04/2017	20.36	HT	trip due to isolator heavy spark.
Deepnagar Amalner	IntraState	30/04/2017	20.55	30/04/2017	21.03	HT	Over Voltage
Kharepatan -Pawas Line	IntraState	01/05/2017	02.36	01/05/2017	20.10	T	Distance Protection
Uran - Jnpt	IntraState	01/05/2017	08.38	01/05/2017	15.04	PO	Routine Maintenance Work
Hinganghat - Hinganghat Rly TSS 1	IntraState	01/05/2017	15.07	01/05/2017	15.23	T	Backup Protection
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)
220/22 KV 50MVA T/F-I @ Chakan II	IntraState	29/04/2017	23.56	30/04/2017	00.46	T	bus 1 tripped.
220/22 Kv 50 Mva Ptr 3 @Chakan	IntraState	29/04/2017	23.56	30/04/2017	00.47	T	bus 1 tripped.
132 KV LINE Outages/Trippings							
Kaulewada-Madgi-I	IntraState	30/04/2017	00.04	30/04/2017	06.50	HT	Distance Protection

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