

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 08/Apr/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.985	1214.924	1) Gujrat	1.717	6.866
2) Hydro	15.610	124.061	2) Madhya Pradesh	10.889	86.577
3) Gas	10.722	76.265	3) Chattisgarh	4.870	33.690
Total MSPGCL	171.317	1415.250	4) Maharashtra Net	132.522	1038.134
B) 1) APML	42.557	373.083	5) Goa (Amona)	-0.616	-5.102
2) JSWEL	23.202	161.010	Total	149.382	1160.165
3) VIPL	14.206	112.145	a) Mumbai Schedule	25.828	197.415
4) RPL(AMT)	29.814	204.396	b) Mumbai Drawl	22.827	217.221
5) WPCL	4.512	33.084	c) MSEDCL Bilateral *	41.829	265.713
6) PGPL	0.000	0.000	Include PX	3.584	26.406
7) Other IPP	3.676	29.828	d) Mumbai Bilateral *	25.828	197.415
C) 1) TPCL Thermal	13.984	122.097	Include PX	2.619	23.871
2) TPCL Hydro	5.121	27.733	Include Standby	0.000	0.000
3) TPCL Gas	4.521	36.272	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.240	89.425	1) MSEDCL	424.010	3397.376
D) STATE			2) Mumbai Discoms	57.693	492.752
1) Thermal	288.176	2339.992	TOTAL STATE	481.703	3890.128
(A1+C1+C4+(B1-B6))					
2) Hydro	20.731	151.794			
(A2+C2)					
3) Gas	15.243	112.537			
(A3+B6+C3)					
4) Wind	6.612	113.935			
6) SOLAR	1.559	11.701			
TOTAL STATE	332.321	2729.959			

* 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 5 Hrs
MSPGCL Thermal	5708	5860	6209	6072
MSPGCL Hydro	1225	1462	605	185
MSPGCL Gas	427	423	428	471
MSPGCL Total Generation	7360	7745	7242	6728
Central Sector Receipt	6976	6906	6178	5635
WIND	33	135	220	503
CPP / IPP Thermal	4969	5023	4777	4920
CPP / IPP Gas	0	0	0	0
SOLAR	211	146	0	0
Exchange with Mumbai	-1073	-968	-1173	-747
MSEDCL DEMAND MET	18476	18987	17244	17039
Load Shedding	0	0	0	0
MSEDCL DEMAND	18476	18987	17244	17039
TPCL GENERATION	1229	1299	1102	696
R-INFRA GENERATION	502	503	407	390
MUMBAI DEMAND	2804	2770	2682	1833
STATE DEMAND MET	21280	21757	19926	18872
STATE DEMAND	21280	21757	19926	18872
Frequency (Hz)	49.92	49.90	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 17.33 Hrs	49.7 Hz at 14.12 Hrs	49.95	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 08/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	3.80	30.41	160	148
Unit 8	7.71	100.76	453	0
Unit 9	11.53	102.39	512	450
Unit 10	0.00	0.00	0	0
Total	23.04	233.55		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.88	34.10	180	155
Unit 4	8.52	84.18	400	350
Unit 5	8.61	84.32	400	350
Total	21.01	202.60		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.94	46.22	250	244
Unit 7	0.00	36.57	0	0
Unit 8	0.00	0.00	0	0
Total	5.94	82.78		
Chandrapur				
Unit 3	4.84	37.72	206	192
Unit 4	4.73	37.28	200	195
Unit 5	10.66	48.18	450	428
Unit 6	10.42	82.18	445	421
Unit 7	0.00	0.00	0	0
Unit 8	7.98	67.59	344	317
Unit 9	11.46	68.64	500	388
Total	50.08	341.59		
Paras				
Unit 3	5.99	47.02	254	245
Unit 4	5.84	31.79	255	230
Total	11.83	78.82		
Khaparkheda				
Unit 1	3.55	31.02	175	130
Unit 2	3.56	32.28	180	130
Unit 3	3.58	32.48	180	135
Unit 4	3.56	30.80	181	133
Unit 5	10.59	82.96	470	410
Total	24.84	209.53		
Nasik				
Unit 3	4.16	33.26	200	165
Unit 4	0.00	0.00	0	0
Unit 5	4.08	32.79	200	164
Total	8.24	66.05		
Uran				
All Units	10.72	76.26	475	421
Total	10.72	76.26		
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)	0.15	0.61	40	0
Total	0.15	0.61		
Koyna				
Stage 1-2	3.88	36.08	470	40
Stage 4	4.23	39.55	759	0
Stage 3	1.96	17.12	240	0
Total	10.07	92.75		
Hydro				
KDPH	0.77	3.72	32	32
VTRNA	0.45	9.07	60	0
TILLARI	0.47	1.16	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	1.37	80	0
RNGR+BHTSA	0.30	2.46	13	12
BHANDARDRA	0.50	4.02	38	12
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.59	4.56	33	21
GHATGHAR	2.17	4.95	250	0
Total	5.54	31.31		
Wind				
Total	6.61	113.94	0	0
Total	6.61	113.94		
CPP				
APML(Mus)	42.56	373.08	0	0
JSWEL(Mus)	23.20	161.01	0	0
VIPL(Mus)	14.21	112.14	0	0
RPLAMT(Mus)	29.81	204.40	0	0
WPCL(Mus)	4.51	33.08	0	0
Other(Mus)	3.68	29.83	0	0
Total	117.97	913.55		
SOLAR				
Total	1.56	11.70	0	0
Total	1.56	11.70		
Tata				
Trombay 5	8.84	79.35	492	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.91	23.34	123	119
Trombay 7B	1.61	12.93	68	66
Trombay 8	5.14	42.75	243	199
TATA Hydro	5.12	27.73	443	31
Total	23.63	186.10		
R-INFRA				
DTPS U-1&2	11.24	89.42	508	388
Total	11.24	89.42		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.98	1214.92	MSPGCL Total	171.32	1415.25
			MSPGCL Thml+Gas	155.71	1291.19	Koyna 1,2 & 4 Total	8.11	75.62
			MSPGCL Hydro	15.61	124.06	State Total	332.32	2729.96

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 08/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	6185	319	462	6966	528	4900	0	0	5955	6203	-985	17612	0	17612	2270	19882	49.92
2	6099	234	473	6806	516	4916	0	0	5782	5873	-829	17282	0	17282	2125	19407	49.97
3	6066	179	460	6705	545	4913	0	0	5705	5738	-748	17153	0	17153	1950	19103	49.96
4	6046	185	464	6695	556	4930	0	0	5684	5664	-779	17066	0	17066	1861	18927	49.98
5	6072	185	471	6728	503	4920	0	0	5681	5635	-747	17039	0	17039	1833	18872	49.99
6	6110	279	475	6864	501	4962	0	0	5707	5525	-756	17096	0	17096	1891	18987	49.96
7	6205	619	473	7297	420	4979	0	6	6017	5850	-630	17922	80	18002	1934	19936	49.99
8	6208	427	462	7097	344	5023	0	43	6223	6096	-633	17970	0	17970	2006	19976	50.00
9	6193	465	448	7106	174	5033	0	106	6353	6403	-819	18003	0	18003	2122	20125	49.98
10	6163	604	445	7212	119	4864	0	148	6185	6443	-1151	17635	0	17635	2439	20074	49.95
11	6022	742	430	7194	68	4709	0	186	6622	6649	-1261	17545	0	17545	2707	20252	49.95
12	5708	1225	427	7360	33	4969	0	211	6763	6976	-1073	18476	0	18476	2804	21280	49.92
13	5694	1231	435	7360	33	5005	0	216	6746	6921	-1008	18527	0	18527	2814	21341	49.99
14	5691	1292	424	7407	47	5026	0	199	6705	6868	-961	18586	0	18586	2721	21307	49.93
15	5691	1416	421	7528	91	5032	0	179	6745	6865	-963	18732	0	18732	2764	21496	49.90
16	5860	1462	423	7745	135	5023	0	146	6750	6906	-968	18987	0	18987	2770	21757	49.90
17	5961	882	437	7280	222	4877	0	86	6690	6947	-987	18425	0	18425	2752	21177	50.00
18	6018	1039	435	7492	140	4633	0	31	6205	6499	-1116	17679	0	17679	2655	20334	50.00
19	6088	569	430	7087	210	4614	0	2	6190	5844	-1127	16630	0	16630	2595	19225	49.96
20	6209	605	428	7242	220	4777	0	0	6045	6178	-1173	17244	0	17244	2682	19926	49.97
21	6225	400	451	7076	231	4902	0	0	5827	5841	-1084	16966	0	16966	2658	19624	49.93
22	6207	225	431	6863	291	5017	0	0	5706	5754	-985	16940	0	16940	2479	19419	49.95
23	6150	374	462	6986	290	4971	0	0	5863	5791	-1050	16988	0	16988	2465	19453	49.89
24	6114	652	455	7221	395	4969	0	0	6021	5913	-994	17504	0	17504	2396	19900	49.92
MUs	144.99	15.61	10.72	171.32	6.61	117.97	0.00	1.56	148.17	149.38	-22.83	424.01	0.08	424.09	57.69	481.78	49.95

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 08/Apr/2017

Position as on 6.30 Hrs of 09/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 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	
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	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Koyna STG- IV Unit - 1	250	17/03/2017	10.45		Continued.	Turbine bearing Vabration high	
MSPGCL	Nasik Unit 4	210	25/03/2017	05.45		Continued.	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		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit-8	660	08/04/2017	10.45	08/04/2017	14.22	Generator over speed protection operated.	
MSPGCL	Khaparkheda Unit 2	210	09/04/2017	07.23	09/04/2017	12.02	Flame Failure	
MSPGCL	Nasik Unit 3	210	09/04/2017	15.50		Continued.	tripped on boiler feed pump problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 08/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 09/Apr/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Koradi III - Tirora - I	IntraState	08/04/2017	05.01	08/04/2017	12.48	EO	Attending Hot Spot
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar II	InterState	07/04/2017	19.42	08/04/2017	09.49	HT	Over Voltage
Dabhol Nagothane I	InterState	08/04/2017	10.07	08/04/2017	23.00	PO	Replacement of Insulator String
Dhule Sar'Sarovar II	InterState	08/04/2017	18.21	09/04/2017	07.25	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	09/04/2017	17.54		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	08/04/2017	16.32	08/04/2017	20.11	PO	String replacement work
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, 500 Mva ICT-1 @Deepnagar	IntraState	08/04/2017	08.34	08/04/2017	15.10	PO	Testing Work
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	09/04/2017	08.16	09/04/2017	19.32	PO	Routine Maintenance Work
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	Routine Maintenance Work
Eklahara(Gcr)(Nasik)- Bableswhar-I	IntraState	08/04/2017	06.27	08/04/2017	14.24	EO	To attend Hot Spot
Pusad-WardhaPG(Deoli)	IntraState	08/04/2017	10.06	08/04/2017	10.21	PO	CT Sampling and AR Function Testing.
Parly-Parly Extn-I	IntraState	08/04/2017	10.22	08/04/2017	13.07	PO	Routine Maintenance Work
Ambazari-Kalmeshwar	IntraState	08/04/2017	10.32	08/04/2017	11.36	EO	Attending Hot Spot
Trombay - Kalwa	IntraState	08/04/2017	11.00	08/04/2017	14.44	EO	To attend Hot Spot
Parly-Parly Extn.-II	IntraState	08/04/2017	13.20	08/04/2017	15.20	PO	Routine Maintenance Work
Loteparshuram- Dasturi Line	IntraState	08/04/2017	13.25	09/04/2017	04.54	T	Distance Protection
Karad-Nerle	IntraState	08/04/2017	13.29	08/04/2017	14.25	T	Distance Protection
Kandalgaon - Pirangut	IntraState	08/04/2017	14.25	08/04/2017	15.22	T	Distance Protection
Eklahara(Gcr)(Nasik)- Bableswhar-I	IntraState	09/04/2017	06.37	09/04/2017	13.33	PO	replacement of ct.
Parli(U-VIII) GCR CKT	IntraState	09/04/2017	06.55	09/04/2017	07.37	T	for parly ict overloading.
Trombay - Mulund	IntraState	09/04/2017	07.57	09/04/2017	10.56	PO	replcement of y ph pad by creemping T clamp.
Trombay - Kalwa	IntraState	09/04/2017	11.00	09/04/2017	13.37	EO	Attending Hot Spot
Padghe - Jambhul 1	IntraState	09/04/2017	14.10	09/04/2017	15.27	T	Distance Protection
Tata Borivli MSETCL Borivli 4	IntraState	09/04/2017	14.59	09/04/2017	16.29	PO	Routine Maintenance Work
Nashik-Airoli Knowledge Park	IntraState	09/04/2017	23.16		Continued.	HT	control bableswhar-nashik line loading.
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)
220/132 kv 100MVA ICT-I @ Shivajinagar	IntraState	08/04/2017	11.06	08/04/2017	14.15	PO	Erection of gantry of aux bus for new bay.
132 KV LINE Outages/Trippings							
Pusad-Umarkhed	IntraState	08/04/2017	10.07	08/04/2017	10.21	T	LTS operated for Pusad-Yeotmal

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 08/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 09/Apr/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Pusad-Gunj	IntraState	08/04/2017	10.07	08/04/2017	10.21	T	LTS operated for Pusad-Yeotmal
Pusad-Jambazar	IntraState	08/04/2017	10.07	08/04/2017	10.15	T	LTS operated for Pusad-Yeotmal
Waghala (Nanded2) - Tamsa	IntraState	09/04/2017	11.59	09/04/2017	12.08	T	Distance Protection