

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 17/Apr/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	145.114	2660.254	1) Gujrat	-1.435	16.498
2) Hydro	30.396	261.355	2) Madhya Pradesh	12.549	177.696
3) Gas	10.617	168.165	3) Chattisgarh	7.570	84.650
Total MSPGCL	186.127	3089.774	4) Maharashtra Net	133.940	2210.453
B) 1) APML	47.707	823.753	5) Goa (Amona)	-0.660	-10.338
2) JSWEL	18.751	348.198	Total	151.964	2478.959
3) VIPL	7.201	188.536	a) Mumbai Schedule	28.272	422.160
4) RPL(AMT)	15.799	406.922	b) Mumbai Drawl	28.771	472.502
5) WPCL	1.871	67.593	c) MSEDCL Bilateral *	30.362	564.958
6) PGPL	0.000	0.000	Include PX	2.256	29.595
7) Other IPP	3.665	63.538	d) Mumbai Bilateral *	28.272	422.160
C) 1) TPCL Thermal	17.395	265.223	Include PX	10.941	85.256
2) TPCL Hydro	5.091	62.638	Include Standby	0.000	0.000
3) TPCL Gas	4.514	76.742	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.055	192.955	1) MSEDCL	426.680	7247.953
D) STATE			2) Mumbai Discoms	67.824	1070.071
1) Thermal	269.558	5016.972	TOTAL STATE	494.504	8318.024
(A1+C1+C4+(B1-B6))					
2) Hydro	35.487	323.993			
(A2+C2)					
3) Gas	15.131	244.907			
(A3+B6+C3)					
4) Wind	20.676	227.234			
6) SOLAR	1.690	25.948			
TOTAL STATE	342.542	5839.054			

* 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	5934	6263	6035	6094
MSPGCL Hydro	1393	1623	1668	377
MSPGCL Gas	426	425	445	452
MSPGCL Total Generation	7753	8311	8148	6923
Central Sector Receipt	7677	7155	5717	5682
WIND	711	831	768	980
CPP / IPP Thermal	4069	3981	3982	3817
CPP / IPP Gas	0	0	0	0
SOLAR	233	151	0	0
Exchange with Mumbai	-1574	-1590	-1195	-735
MSEDCL DEMAND MET	18869	18839	17420	16667
Load Shedding	0	31	0	0
MSEDCL DEMAND	18869	18870	17420	16667
TPCL GENERATION	1316	1339	1350	900
R-INFRA GENERATION	486	497	505	507
MUMBAI DEMAND	3376	3426	3050	2142
STATE DEMAND MET	22245	22265	20470	18809
STATE DEMAND	22245	22296	20470	18809
Frequency (Hz)	49.99	49.91	49.90	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 07.02 Hrs	49.69 Hz at 21.12 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 17/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	3.82	57.66	165	144
Unit 8	13.96	218.47	625	495
Unit 9	5.37	198.89	520	0
Unit 10	15.03	74.42	660	481
Total	38.18	549.44		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.86	68.52	185	160
Unit 4	9.87	163.02	520	335
Unit 5	9.85	163.70	500	350
Total	23.58	395.25		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.87	98.77	255	161
Unit 7	5.92	74.55	256	238
Unit 8	0.00	13.59	0	0
Total	11.78	186.90		
Chandrapur				
Unit 3	4.74	75.05	200	192
Unit 4	4.67	79.54	199	179
Unit 5	10.72	144.38	461	430
Unit 6	9.91	171.94	425	400
Unit 7	0.00	0.00	0	0
Unit 8	9.76	142.96	479	348
Unit 9	0.00	147.02	0	0
Total	39.80	760.90		
Paras				
Unit 3	1.62	95.90	250	0
Unit 4	5.80	84.53	250	210
Total	7.42	180.43		
Khaparkheda				
Unit 1	4.38	68.78	190	175
Unit 2	4.39	69.32	185	180
Unit 3	4.45	72.18	200	147
Unit 4	0.00	62.96	0	0
Unit 5	1.68	170.50	500	0
Total	14.90	443.74		
Nasik				
Unit 3	0.00	36.00	0	0
Unit 4	4.77	35.26	203	190
Unit 5	4.68	72.34	200	184
Total	9.45	143.59		
Uran				
All Units	10.62	168.16	459	424
Total	10.62	168.16		
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	1.23	25	0
Total	0.04	1.23		
Koyna				
Stage 1-2	9.54	81.50	580	45
Stage 4	13.96	87.40	770	0
Stage 3	4.74	37.50	240	0
Total	28.24	206.39		
Hydro				
KDPH	0.72	9.78	31	30
VTRNA	0.00	9.10	0	0
TILLARI	0.12	2.17	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	3.39	60	0
RNGR+BHTSA	0.31	4.61	13	12
BHANDARDRA	0.50	8.58	44	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.32	8.55	20	11
GHATGHAR	0.00	8.78	0	0
Total	2.15	54.96		
Wind				
Total	20.68	227.23	0	0
Total	20.68	227.23		
CPP				
APML(Mus)	47.71	823.75	0	0
JSWEL(Mus)	18.75	348.20	0	0
VIPL(Mus)	7.20	188.54	0	0
RPLAMT(Mus)	15.80	406.92	0	0
WPCL(Mus)	1.87	67.59	0	0
Other(Mus)	3.66	63.54	0	0
Total	94.99	1898.54		
SOLAR				
Total	1.69	25.95	0	0
Total	1.69	25.95		
Tata				
Trombay 5	11.66	173.92	493	451
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.91	49.39	122	119
Trombay 7B	1.60	27.35	68	66
Trombay 8	5.73	91.30	246	211
TATA Hydro	5.09	62.64	441	0
Total	27.00	404.60		
R-INFRA				
DTPS U-1&2	12.06	192.96	507	486
Total	12.06	192.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	145.11	2660.25	MSPGCL Total	186.13	3089.77
			MSPGCL Thml+Gas	155.73	2828.42	Koyna 1,2 & 4 Total	23.50	168.90
			MSPGCL Hydro	30.40	261.36	State Total	342.54	5839.05

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 17/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	6221	1314	451	7986	1203	3914	0	0	5652	5751	-1065	17789	0	17789	2588	20377	49.98
2	6286	566	453	7305	1187	3926	0	0	5682	5682	-896	17204	0	17204	2418	19622	49.99
3	6269	156	451	6876	1179	3901	0	0	5723	5851	-750	17057	0	17057	2252	19309	49.98
4	6094	377	452	6923	980	3817	0	0	5541	5682	-735	16667	0	16667	2142	18809	49.96
5	5815	689	451	6955	1095	3784	0	0	5460	5981	-669	17146	0	17146	2091	19237	49.94
6	5861	1494	452	7807	841	3814	0	1	5537	5705	-694	17474	0	17474	2124	19598	49.93
7	5866	1659	453	7978	923	3816	0	9	6039	6054	-744	18036	0	18036	2172	20208	49.98
8	5650	1658	455	7763	733	3802	0	47	6386	6462	-857	17950	0	17950	2280	20230	50.00
9	5668	1536	435	7639	546	3867	0	105	6364	6749	-1129	17777	0	17777	2563	20340	49.96
10	5851	1313	457	7621	676	3987	0	166	6529	6712	-1470	17692	0	17692	2986	20678	49.96
11	6028	1497	429	7954	670	4083	0	205	6612	6919	-1622	18209	0	18209	3200	21409	50.00
12	5934	1393	426	7753	711	4069	0	233	7290	7677	-1574	18869	0	18869	3376	22245	49.99
13	5972	1341	435	7748	713	4034	0	237	7315	7549	-1606	18675	0	18675	3369	22044	49.97
14	6128	1253	424	7805	748	3947	0	220	7210	7261	-1550	18431	0	18431	3278	21709	49.96
15	6180	1599	432	8211	858	3975	0	190	6878	6939	-1560	18613	0	18613	3397	22010	49.91
16	6263	1623	425	8311	831	3981	0	151	6891	7155	-1590	18839	31	18870	3426	22296	49.91
17	6287	1429	429	8145	810	4034	0	90	6829	7053	-1584	18548	48	18596	3377	21973	49.95
18	6285	1123	440	7848	833	3878	0	33	6516	6661	-1499	17754	0	17754	3226	20980	49.95
19	6095	621	441	7157	891	3834	0	3	6231	6137	-1345	16677	0	16677	3062	19739	49.96
20	6035	1668	445	8148	768	3982	0	0	5495	5717	-1195	17420	0	17420	3050	20470	49.90
21	6089	1473	438	8000	593	4090	0	0	5402	5505	-1145	17043	0	17043	2922	19965	49.87
22	6083	1496	447	8026	775	4135	0	0	5405	5292	-1097	17131	0	17131	2827	19958	49.85
23	6084	1509	459	8052	1006	4151	0	0	5465	5500	-1189	17520	0	17520	2853	20373	49.88
24	6070	1609	437	8116	1106	4170	0	0	5911	5970	-1206	18156	0	18156	2847	21003	49.91
MUs	145.11	30.40	10.62	186.13	20.68	94.99	0.00	1.69	148.36	151.96	-28.77	426.68	0.08	426.76	67.83	494.58	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 17/Apr/2017

Position as on 6.30 Hrs of 18/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	
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	Koyna STG- IV Unit - 1	250	17/03/2017	10.45		Continued.	Turbine bearing Vabration high	
MSPGCL	Nasik Unit 3	210	09/04/2017	15.50		Continued.	tripped on boiler feed pump problem and continued under zero schedule by MSEDCL	
IPP	VIPL U-1	300	13/04/2017	03.34		Continued.	Boiler Tube Leakage	
IPP	JSW (J) U1	300	14/04/2017	07.24	17/04/2017	19.49	C.W. Duct leakage	
IPP	RPL(AMT) U-5	270	15/04/2017	08.59		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 9	660	15/04/2017	11.27	17/04/2017	09.05	ID Fan Problem	
IPP	RPL(AMT) U-4	270	15/04/2017	12.08		Continued.	Coal Shortage	
CPP	SWPGL U-3	135	16/04/2017	00.01		Continued.	Ash Handling Problem.	
MSPGCL	Parli Unit 8	250	16/04/2017	01.05		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	16/04/2017	14.14	18/04/2017	05.17	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 17/Apr/2017

Position as on 6.30 Hrs of 18/Apr/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 9	500	16/04/2017	20.10		Continued.	Air preheater problem.	
MSPGCL	Khaparkheda Unit 5	500	17/04/2017	03.51		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	17/04/2017	07.12		Continued.	Turbine bearing Vabration high	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 17/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 18/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 - Akola-II ckt-I	IntraState	17/04/2017	23.10	18/04/2017	04.47	EO	To Attend Line Reactor Problem.
400 KV LINE Outages/Trippings							
Kolhapur Solapur (PG) II	InterState	11/04/2017	10.30		Continued.	EO	Taken on TBC to Attend Hot Spot.
Dhule Sar'Sarovar II	InterState	16/04/2017	21.23	17/04/2017	06.32	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	17/04/2017	18.23	18/04/2017	06.40	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	16/04/2017	21.27	17/04/2017	06.43	HT	Over Voltage
Akola II - Akola I Ckt-II	IntraState	17/04/2017	10.37	17/04/2017	17.20	PO	Routine Maintenance Work
New Koyna -Koyna Stage IV-I	IntraState	17/04/2017	10.59	17/04/2017	18.47	EO	Attending Hot Spot
Bhusawal-Aurangabad	IntraState	17/04/2017	20.39	18/04/2017	06.15	HT	Over Voltage
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.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	17/04/2017	13.19	17/04/2017	19.05	EO	Insulator String Replacement Work.
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.
Shivajinagar - Malegaon	IntraState	16/04/2017	13.50	17/04/2017	05.10	T	Distance Protection
Satana-Gangapur	IntraState	17/04/2017	03.25	17/04/2017	20.24	T	Distance Protection Operated Y Ph Jumper Open.
Gangapur-Valve	IntraState	17/04/2017	03.25	17/04/2017	04.28	T	Tripped @ Gangapur end only No Indication.
Shivajinagar-Gangapur	IntraState	17/04/2017	04.10	17/04/2017	08.42	T	Tripped @ Gangapur Only No Indication.
Talandage(400kv) - Five Star Midc	IntraState	17/04/2017	09.00	17/04/2017	13.57	PO	Insulator Cleaning Work.
Khaparkheda-Ambazari-I	IntraState	17/04/2017	11.07	17/04/2017	12.43	T	Distance Protection
Hamidwada-Mumewadi	IntraState	17/04/2017	11.25	17/04/2017	15.26	PO	Quarterly Maintainance Work
Talandge-Mudshingi Ckt-I	IntraState	17/04/2017	13.25	17/04/2017	19.16	PO	Insulator Washing.
Miraj - Ichalkaranji II	IntraState	17/04/2017	16.55	17/04/2017	19.53	PO	Attending Hot Spot
Kharghar Trombay	IntraState	17/04/2017	18.28	17/04/2017	18.40	T	Distance 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)

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