

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Apr/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	155.046	4145.797	1) Gujrat	0.627	16.129
2) Hydro	21.143	462.725	2) Madhya Pradesh	15.194	324.754
3) Gas	10.481	269.282	3) Chattisgarh	7.290	154.330
Total MSPGCL	186.670	4877.804	4) Maharashtra Net	132.051	3590.986
B) 1) APML	41.794	1284.267	5) Goa (Amona)	-0.814	-17.554
2) JSWEL	17.778	576.520	Total	154.348	4068.645
3) VIPL	7.195	260.156	a) Mumbai Schedule	24.078	677.608
4) RPL(AMT)	11.924	514.924	b) Mumbai Drawl	25.836	746.476
5) WPCL	1.959	92.532	c) MSEDCL Bilateral *	33.235	972.671
6) PGPL	0.000	0.000	Include PX	14.890	189.825
7) Other IPP	3.237	99.065	d) Mumbai Bilateral *	24.078	677.268
C) 1) TPCL Thermal	17.602	433.637	Include PX	7.315	175.228
2) TPCL Hydro	5.013	105.494	Include Standby	0.000	0.340
3) TPCL Gas	4.499	121.493	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.095	311.797	1) MSEDCL	412.598	11476.993
D) STATE			2) Mumbai Discoms	65.045	1718.895
1) Thermal	268.630	7718.695	TOTAL STATE	477.643	13195.888
(A1+C1+C4+(B1-B6))					
2) Hydro	26.156	568.219			
(A2+C2)					
3) Gas	14.980	390.775			
(A3+B6+C3)					
4) Wind	11.938	406.601			
6) SOLAR	1.591	42.955			
TOTAL STATE	323.295	9127.245			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6441	6362	6631	6434
MSPGCL Hydro	1551	1082	1013	542
MSPGCL Gas	431	421	445	446
MSPGCL Total Generation	8423	7865	8089	7422
Central Sector Receipt	6711	7810	5719	5386
WIND	309	260	744	784
CPP / IPP Thermal	3365	3499	3658	3392
CPP / IPP Gas	0	0	0	0
SOLAR	140	159	0	0
Exchange with Mumbai	-1211	-1376	-1177	-593
MSEDCL DEMAND MET	17737	18217	17033	16391
Load Shedding	24	12	0	0
MSEDCL DEMAND	17761	18229	17033	16391
TPCL GENERATION	1176	1330	1266	922
R-INFRA GENERATION	502	495	504	507
MUMBAI DEMAND	2889	3201	2947	2022
STATE DEMAND MET	20626	21418	19980	18413
STATE DEMAND	20650	21430	19980	18413
Frequency (Hz)	49.94	49.86	49.91	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 06.00 Hrs	49.65 Hz at 14.26 Hrs	49.92	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 27/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	3.70	92.66	160	134
Unit 8	9.86	279.41	451	385
Unit 9	8.30	320.38	424	275
Unit 10	0.00	124.42	0	0
Total	21.85	816.86		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.14	109.68	180	170
Unit 4	9.58	262.42	500	360
Unit 5	9.43	261.80	480	355
Total	23.14	633.90		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.97	157.66	254	236
Unit 7	5.81	131.53	252	162
Unit 8	0.00	35.14	0	0
Total	11.78	324.34		
Chandrapur				
Unit 3	4.13	117.46	194	160
Unit 4	4.62	126.03	196	182
Unit 5	10.61	243.42	450	430
Unit 6	9.74	267.80	420	375
Unit 7	0.00	0.00	0	0
Unit 8	8.13	240.93	354	320
Unit 9	11.15	180.44	500	349
Total	48.38	1176.08		
Paras				
Unit 3	6.00	115.18	256	220
Unit 4	5.99	143.87	255	238
Total	12.00	259.05		
Khaparkheda				
Unit 1	4.34	111.16	190	170
Unit 2	4.30	111.14	185	170
Unit 3	4.64	117.38	200	183
Unit 4	4.11	104.22	190	0
Unit 5	11.22	256.09	500	430
Total	28.62	700.00		
Nasik				
Unit 3	0.00	36.00	0	0
Unit 4	4.68	81.13	202	174
Unit 5	4.59	118.46	200	149
Total	9.27	235.58		
Uran				
All Units	10.48	269.28	449	419
Total	10.48	269.28		
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	2.42	15	0
Total	0.02	2.42		
Koyna				
Stage 1-2	7.04	138.24	490	40
Stage 4	7.68	172.99	1003	0
Stage 3	3.77	69.78	240	80
Total	18.49	381.01		
Hydro				
KDPH	0.65	15.93	27	27
VTRNA	0.40	14.69	61	0
TILLARI	0.10	2.88	53	0
BHTGR/VEER	0.00	0.06	0	0
BHIRA T.R.	0.15	5.45	64	0
RNGR+BHTSA	0.30	7.62	13	12
BHANDARDRA	0.47	13.42	20	19
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.48	12.78	29	17
GHATGHAR	0.10	8.88	63	0
Total	2.66	81.72		
Wind				
Total	11.94	406.60	0	0
Total	11.94	406.60		
CPP				
APML(Mus)	41.79	1284.27	0	0
JSWEL(Mus)	17.78	576.52	0	0
VIPL(Mus)	7.20	260.16	0	0
RPLAMT(Mus)	11.92	514.92	0	0
WPCL(Mus)	1.96	92.53	0	0
Other(Mus)	3.24	99.06	0	0
Total	83.89	2827.46		
SOLAR				
Total	1.59	42.96	0	0
Total	1.59	42.96		
Tata				
Trombay 5	11.68	284.86	493	465
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.90	78.20	122	113
Trombay 7B	1.60	43.29	67	65
Trombay 8	5.92	148.78	249	245
TATA Hydro	5.01	105.49	438	0
Total	27.11	660.62		
R-INFRA				
DTPS U-1&2	12.10	311.80	508	494
Total	12.10	311.80		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	155.05	4145.80	MSPGCL Total	186.67	4877.80
			MSPGCL Thml+Gas	165.53	4415.08	Koyna 1,2 & 4 Total	14.72	311.23
			MSPGCL Hydro	21.14	462.72	State Total	323.30	9127.24

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	6691	631	436	7758	331	3626	0	0	5727	5695	-892	16518	0	16518	2480	18998	49.86
2	6657	777	447	7881	370	3565	0	0	5666	5641	-816	16641	0	16641	2325	18966	49.87
3	6404	1003	446	7853	460	3431	0	0	5588	5815	-743	16816	0	16816	2172	18988	49.96
4	6432	841	447	7720	810	3402	0	0	5379	5391	-639	16684	0	16684	2072	18756	49.96
5	6434	542	446	7422	784	3392	0	0	5336	5386	-593	16391	0	16391	2022	18413	49.94
6	6463	1029	447	7939	683	3391	0	0	5729	5993	-626	17380	0	17380	2058	19438	49.95
7	6519	1207	449	8175	611	3362	0	6	6359	6378	-637	17895	0	17895	2068	19963	49.99
8	6441	738	448	7627	423	3283	0	48	6784	7036	-799	17618	0	17618	2234	19852	49.99
9	6470	935	449	7854	342	3281	0	87	6764	7047	-929	17682	1	17683	2431	20114	49.96
10	6441	1551	431	8423	309	3365	0	140	6740	6711	-1211	17737	24	17761	2889	20650	49.94
11	6330	1549	425	8304	200	3470	0	164	7369	6562	-1328	17372	24	17396	3173	20569	49.97
12	6297	796	422	7515	164	3485	0	206	7684	7013	-1477	16906	12	16918	3235	20153	49.88
13	6281	703	421	7405	69	3490	0	245	7677	7872	-1412	17669	12	17681	3220	20901	49.89
14	6351	468	419	7238	74	3488	0	218	7516	7895	-1411	17502	12	17514	3141	20655	49.94
15	6368	590	419	7377	134	3515	0	185	7577	7859	-1414	17656	12	17668	3184	20852	49.81
16	6362	1082	421	7865	260	3499	0	159	7609	7810	-1376	18217	12	18229	3201	21430	49.86
17	6306	1135	433	7874	399	3508	0	91	7092	7622	-1343	18151	12	18163	3196	21359	49.93
18	6329	1138	428	7895	518	3505	0	38	6458	6993	-1329	17620	2	17622	3099	20721	49.98
19	6400	486	442	7328	556	3479	0	4	6665	6519	-1237	16649	2	16651	2925	19576	49.98
20	6631	1013	445	8089	744	3658	0	0	5638	5719	-1177	17033	0	17033	2947	19980	49.91
21	6709	912	432	8053	896	3652	0	0	5352	5632	-1152	17081	0	17081	2866	19947	49.97
22	6818	643	444	7905	1015	3683	0	0	5313	5185	-1106	16682	0	16682	2704	19386	49.83
23	6591	783	443	7817	904	3710	0	0	5077	5074	-1074	16431	0	16431	2698	19129	49.83
24	6321	591	441	7353	882	3648	0	0	5502	5500	-1115	16268	0	16268	2705	18973	49.84
MUs	155.05	21.14	10.48	186.67	11.94	83.89	0.00	1.59	152.60	154.35	-25.84	412.60	0.13	412.72	65.05	477.77	49.92

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 27/Apr/2017

Position as on 6.30 Hrs of 28/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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
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	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	
MSPGCL	Koradi Unit 10	660	25/04/2017	13.17		Continued.	Boiler Tube Leakage	
IPP	JSW (J) U2	300	27/04/2017	00.29		Continued.	ZERO SCHEDULE.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Apr/2017

Position as on 6.30 Hrs of 28/Apr/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 4	210	27/04/2017	22.22	28/04/2017	05.59	Air Heater Motor Failure.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 28/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 I	InterState	25/04/2017	20.05	27/04/2017	09.17	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	27/04/2017	21.19	28/04/2017	06.30	HT	Over Voltage
Ektuni-Bableshtar ckt I	IntraState	25/04/2017	09.56		Continued.	HT	Controlling 400kv padgha bableshtar line loading.
Babhaleshtar - Padghe-I	IntraState	27/04/2017	01.31	27/04/2017	06.06	EO	Attending Hot Spot
Babhaleshtar - Padghe-II	IntraState	27/04/2017	02.22	27/04/2017	02.39	T	Distance Protection
Babhaleshtar - Padghe-II	IntraState	27/04/2017	04.04	27/04/2017	11.00	T	Distance Protection
Kharghar-Talegaon(PG)	IntraState	27/04/2017	05.55	27/04/2017	17.35	T	Distance Protection
karad -kolhapur-I	IntraState	27/04/2017	11.48		Continued.	HT	Over Voltage
Nagothane - Dabhol-II	IntraState	27/04/2017	12.35	27/04/2017	20.56	PO	Routine Maintenance Work
Lonikand 1 - Talegaon(Pgcil)	IntraState	27/04/2017	16.08	27/04/2017	17.05	T	Distance Protection
Lonikand 1 - Talegaon(Pgcil)	IntraState	27/04/2017	22.30	28/04/2017	00.43	EO	Attending Hot Spot
Babhaleshtar - Padghe-I	IntraState	28/04/2017	02.43		Continued.	EO	Attending Hot Spot
KolhapurIII-Alkud	IntraState	28/04/2017	02.47	28/04/2017	03.41	T	Over Voltage
KolhapurIII-Alkud	IntraState	28/04/2017	04.57	28/04/2017	06.40	T	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.
400/220 Kv 500 MVA ICT 3 @Kolhapur	IntraState	26/04/2017	10.00		Continued.	T	Differential protection
400/220/33 Kv 315 Mva Ict 2 @Girwali	IntraState	27/04/2017	18.27	27/04/2017	18.55	T	On PDR,Only HV Breaker Tripped
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	26/04/2017	10.00		Continued.	HT	HANDTRIPPED.
Nasik Navsari II	InterState	27/04/2017	03.13	27/04/2017	03.36	T	TRIPPED AT NAVSARI END.
Nasik Navsari I	InterState	27/04/2017	03.55	27/04/2017	12.01	T	Distance Protection
Nasik Navsari II	InterState	27/04/2017	13.41	27/04/2017	15.27	PO	Insulator String Flashover Replacement.
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.
Harangul-Parly	IntraState	24/04/2017	18.00		Continued.	PO	Distance Relay replacement Work.
Padgha - Temghar I	IntraState	26/04/2017	22.48	27/04/2017	07.52	HT	CONTROL LOAD ON ICT AT PADGHA.
Padgha-Temghar-II	IntraState	26/04/2017	22.48	27/04/2017	07.52	HT	CONTROL LOAD ON ICT AT PADGHA.
Nanded-Parbhani	IntraState	27/04/2017	08.12	27/04/2017	17.37	PO	Providing Second Jumper to Cut Point @ Various Loc.
Nanded- Bhokar I	IntraState	27/04/2017	09.00	27/04/2017	12.49	PO	Measurement of Tandelta of CT.
Gadchandur - Grace	IntraState	27/04/2017	09.10	27/04/2017	14.15	PO	Disc Insulator Replacement Work
Badnera-Akola I	IntraState	27/04/2017	10.02	27/04/2017	16.53	PO	Routine Maintenance Work
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)
220/100 Kv 200 Mva Bhel Ict 1 @Kalwa	IntraState	27/04/2017	07.23	27/04/2017	13.30	PO	Routine Maintenance Work
220/22-22 Kv 100 Mva Ptr 2 @Parvati	IntraState	27/04/2017	09.18	27/04/2017	14.30	PO	Routine Maintenance Work

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 27/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 28/Apr/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv lct 1 200 Mva @Parbhani	IntraState	27/04/2017	13.08	27/04/2017	15.35	PO	Measurement of Tandelta of CT.