

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 14/Apr/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	171.471	2191.988	1) Gujrat	-0.035	16.443
2) Hydro	9.625	199.475	2) Madhya Pradesh	9.542	143.608
3) Gas	10.566	139.484	3) Chattisgarh	5.910	64.450
Total MSPGCL	191.662	2530.947	4) Maharashtra Net	121.875	1820.405
B) 1) APML	65.372	667.800	5) Goa (Amona)	-0.484	-8.512
2) JSWEL	19.092	295.897	Total	136.808	2036.394
3) VIPL	4.796	166.933	a) Mumbai Schedule	23.277	345.609
4) RPL(AMT)	24.759	359.193	b) Mumbai Drawl	32.528	393.355
5) WPCL	4.124	59.806	c) MSEDCL Bilateral *	27.938	477.367
6) PGPL	0.000	0.000	Include PX	-1.401	26.990
7) Other IPP	3.571	52.698	d) Mumbai Bilateral *	23.277	345.609
C) 1) TPCL Thermal	13.605	214.101	Include PX	10.357	56.559
2) TPCL Hydro	3.805	53.013	Include Standby	0.000	0.000
3) TPCL Gas	4.501	63.240	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.341	157.099	1) MSEDCL	432.455	5969.008
D) STATE			2) Mumbai Discoms	64.780	880.821
1) Thermal	317.131	4165.515	TOTAL STATE	497.235	6849.829
(A1+C1+C4+(B1-B6))					
2) Hydro	13.430	252.488			
(A2+C2)					
3) Gas	15.067	202.724			
(A3+B6+C3)					
4) Wind	13.105	171.827			
6) SOLAR	1.694	20.868			
TOTAL STATE	360.427	4813.422			

* 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	7538	7461	7216	6935
MSPGCL Hydro	647	633	333	113
MSPGCL Gas	424	425	432	450
MSPGCL Total Generation	8609	8519	7981	7498
Central Sector Receipt	6620	6572	5279	5123
WIND	183	406	476	741
CPP / IPP Thermal	4874	4985	5217	5135
CPP / IPP Gas	0	0	0	0
SOLAR	224	163	1	0
Exchange with Mumbai	-1560	-1701	-1571	-1090
MSEDCL DEMAND MET	18950	18944	17383	17407
Load Shedding	0	0	0	0
MSEDCL DEMAND	18950	18944	17383	17407
TPCL GENERATION	1103	1002	955	714
R-INFRA GENERATION	388	389	412	399
MUMBAI DEMAND	3051	3092	2938	2203
STATE DEMAND MET	22001	22036	20321	19610
STATE DEMAND	22001	22036	20321	19610
Frequency (Hz)	49.94	49.97	49.94	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 05.02 Hrs	49.76 Hz at 19.14 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 14/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	3.36	52.89	160	0
Unit 8	14.38	179.67	660	490
Unit 9	14.14	186.35	631	485
Unit 10	13.76	29.78	660	310
Total	45.64	448.69		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.40	56.91	175	0
Unit 4	8.55	136.09	360	355
Unit 5	8.69	136.66	370	360
Total	20.64	329.66		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.56	81.11	250	198
Unit 7	5.54	56.88	252	191
Unit 8	2.92	9.14	220	0
Total	14.02	147.13		
Chandrapur				
Unit 3	1.95	62.09	194	0
Unit 4	4.67	65.54	198	192
Unit 5	10.72	112.43	455	438
Unit 6	9.58	142.43	420	370
Unit 7	0.00	0.00	0	0
Unit 8	7.43	114.10	400	0
Unit 9	10.24	131.89	482	353
Total	44.60	628.48		
Paras				
Unit 3	5.77	82.65	255	204
Unit 4	5.70	66.83	252	210
Total	11.47	149.48		
Khaparkheda				
Unit 1	4.08	55.80	185	160
Unit 2	4.14	56.65	185	155
Unit 3	4.33	58.29	200	160
Unit 4	3.95	55.96	179	159
Unit 5	9.73	146.46	450	370
Total	26.23	373.16		
Nasik				
Unit 3	0.00	36.00	0	0
Unit 4	4.47	21.01	203	168
Unit 5	4.42	58.37	200	163
Total	8.88	115.37		
Uran				
All Units	10.57	139.48	460	420
Total	10.57	139.48		
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)	0.05	1.08	26	0
Total	0.05	1.08		
Koyna				
Stage 1-2	4.07	61.32	515	40
Stage 4	2.44	62.09	442	0
Stage 3	1.09	27.67	160	0
Total	7.60	151.09		
Hydro				
KDPH	0.56	8.02	31	0
VTRNA	0.00	9.07	0	0
TILLARI	0.00	1.70	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	2.87	80	0
RNGR+BHTSA	0.30	3.69	13	12
BHANDARDRA	0.50	7.06	50	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.39	7.47	17	16
GHATGHAR	0.00	8.52	0	0
Total	2.03	48.39		
Wind				
Total	13.10	171.83	0	0
Total	13.10	171.83		
CPP				
APML(Mus)	65.37	667.80	0	0
JSWEL(Mus)	19.09	295.90	0	0
VIPL(Mus)	4.80	166.93	0	0
RPLAMT(Mus)	24.76	359.19	0	0
WPCL(Mus)	4.12	59.81	0	0
Other(Mus)	3.57	52.70	0	0
Total	121.71	1602.33		
SOLAR				
Total	1.69	20.87	0	0
Total	1.69	20.87		
Tata				
Trombay 5	8.63	139.73	492	306
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.90	40.68	123	118
Trombay 7B	1.60	22.56	67	66
Trombay 8	4.98	74.37	240	200
TATA Hydro	3.80	53.01	433	7
Total	21.91	330.35		
R-INFRA				
DTPS U-1&2	10.34	157.10	508	387
Total	10.34	157.10		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	171.47	2191.99	MSPGCL Total	191.66	2530.95
			MSPGCL Thml+Gas	182.04	2331.47	Koyna 1,2 & 4 Total	6.51	123.42
			MSPGCL Hydro	9.62	199.48	State Total	360.43	4813.42

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 14/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	6747	498	438	7683	738	5358	0	0	5748	5823	-1391	18211	0	18211	2742	20953	49.96
2	6571	533	450	7554	662	5317	0	0	5565	5395	-1083	17845	0	17845	2473	20318	49.99
3	6723	218	448	7389	755	5236	0	0	5573	5387	-991	17776	0	17776	2333	20109	49.98
4	6935	113	450	7498	741	5135	0	0	5463	5123	-1090	17407	0	17407	2203	19610	49.99
5	7083	123	458	7664	885	5006	0	0	5402	5121	-1044	17632	0	17632	2140	19772	49.97
6	7114	149	451	7714	763	5182	0	0	5406	5525	-1059	18125	0	18125	2154	20279	49.98
7	7261	378	450	8089	728	5394	0	2	5424	5315	-872	18656	0	18656	2145	20801	50.02
8	7320	256	448	8024	524	5063	0	39	5658	5805	-810	18645	0	18645	2224	20869	50.00
9	7273	500	455	8228	349	4889	0	98	5791	5918	-921	18561	0	18561	2393	20954	50.00
10	7344	552	433	8329	291	4950	0	154	5943	5336	-1204	17856	0	17856	2748	20604	49.98
11	7240	584	436	8260	202	4904	0	194	6390	5976	-1422	18114	0	18114	2906	21020	49.98
12	7538	647	424	8609	183	4874	0	224	6499	6620	-1560	18950	0	18950	3051	22001	49.94
13	7661	703	421	8785	190	4931	0	234	6298	6306	-1543	18903	0	18903	3063	21966	49.94
14	7789	815	420	9024	234	4971	0	225	6164	6009	-1575	18888	0	18888	2964	21852	49.99
15	7687	434	429	8550	325	4989	0	204	6558	6414	-1647	18835	0	18835	3076	21911	49.89
16	7461	633	425	8519	406	4985	0	163	6574	6572	-1701	18944	0	18944	3092	22036	49.97
17	7301	476	426	8203	422	5001	0	101	6479	6582	-1672	18637	0	18637	3056	21693	49.99
18	7041	233	438	7712	459	5030	0	45	6120	6113	-1591	17768	0	17768	2970	20738	49.99
19	6673	196	440	7309	466	5017	0	10	5659	5350	-1546	16606	0	16606	2869	19475	49.97
20	7216	333	432	7981	476	5217	0	1	5476	5279	-1571	17383	0	17383	2938	20321	49.94
21	7253	84	447	7784	770	5205	0	0	5016	5047	-1482	17324	0	17324	2904	20228	49.97
22	6730	99	443	7272	975	5056	0	0	4941	4853	-1537	16619	0	16619	2783	19402	49.94
23	6634	514	444	7592	854	4921	0	0	5153	5302	-1574	17095	0	17095	2769	19864	49.93
24	6876	554	460	7890	707	5085	0	0	5609	5637	-1642	17677	0	17677	2784	20461	49.96
MUs	171.47	9.63	10.57	191.66	13.11	121.71	0.00	1.69	138.91	136.81	-32.53	432.46	0.00	432.46	64.78	497.24	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 14/Apr/2017

Position as on 6.30 Hrs of 15/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.	
IPP	VIPL U-2	300	11/04/2017	22.36	14/04/2017	03.03	Boiler Tube Leakage	
IPP	VIPL U-1	300	13/04/2017	03.34		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 3	210	13/04/2017	15.45	14/04/2017	03.07	turbine protection operated.	
MSPGCL	Chandrapur Unit-8	500	13/04/2017	22.03	14/04/2017	02.09	Drum level high.	
MSPGCL	Parli Unit 8	250	14/04/2017	02.45	14/04/2017	09.05	Low vaccume.	
IPP	JSW (J) U1	300	14/04/2017	07.24		Continued.	C.W. Duct leakage	
MSPGCL	Chandrapur Unit 3	210	14/04/2017	15.08	15/04/2017	02.29	Turbine Protection trip	
MSPGCL	Bhusawal Unit 3	210	14/04/2017	15.36	14/04/2017	17.35	Low furnace pressure	
MSPGCL	Koradi Unit 7	210	14/04/2017	21.47		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 14/Apr/2017

Position as on 6.30 Hrs of 15/Apr/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 6	108	15/04/2017	00.39	15/04/2017	18.16	Filter replacement work	
MSPGCL	Koradi Unit-8	660	15/04/2017	01.08	15/04/2017	04.21	M.S.Temp.High	
MSPGCL	Chandrapur Unit 9	500	15/04/2017	02.04	15/04/2017	08.38	Furnace Pressure High	
IPP	RPL(AMT) U-5	270	15/04/2017	08.59		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 9	500	15/04/2017	09.20	15/04/2017	11.55	Low Vaccum	
MSPGCL	Koradi Unit 9	660	15/04/2017	11.27		Continued.	ID Fan Problem	
IPP	RPL(AMT) U-4	270	15/04/2017	12.08		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 14/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 15/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-II	IntraState	14/04/2017	13.05	14/04/2017	13.34	T	Distance Protection
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	14/04/2017	20.42	15/04/2017	08.00	HT	Over Voltage
Dabhol Nagothane I	InterState	15/04/2017	10.37	15/04/2017	20.53	PO	Relay configuration.
Dhule(MS)- Dhule(BDTCL) -II	InterState	15/04/2017	10.53	15/04/2017	15.42	PO	Annual Maintenance Work
Dhule Sar'Sarovar II	InterState	15/04/2017	18.16		Continued.	HT	Over Voltage
Warora-Tirora-Ii	IntraState	14/04/2017	12.22	14/04/2017	13.22	T	Distance Protection
Chandrapur-II - Nanded ckt I	IntraState	14/04/2017	12.29	14/04/2017	17.13	T	Distance Protection
Dhule- Bableshwar - I	IntraState	15/04/2017	09.17	15/04/2017	22.31	PO	Routine Maintenance Work
Koradi-Bhusawal	IntraState	15/04/2017	11.22	15/04/2017	11.56	T	Distance Protection
Chandrapur-II - Nanded ckt I	IntraState	15/04/2017	13.12	15/04/2017	17.40	PO	Tightening of Nut bolt conductor
Girwali-Solapur (Lamboti)	IntraState	15/04/2017	17.42	15/04/2017	21.10	T	Distance Protection
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-II @Deepnagar	IntraState	14/04/2017	09.14	14/04/2017	17.30	PO	Testing Work
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	14/04/2017	13.06	14/04/2017	14.20	EO	To attend Hot Spot
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	15/04/2017	19.38	PO	Relay and scada panel replacement
Karad(400kv) - Wathar	IntraState	14/04/2017	05.46	14/04/2017	10.45	T	Tripped only from wather end.
Wani-Warora	IntraState	14/04/2017	07.47	14/04/2017	13.33	PO	Disc replacement work
Padghe - Jambhul 1	IntraState	14/04/2017	08.01	14/04/2017	14.35	PO	CT Leakage
Kamba - Kolshet	IntraState	14/04/2017	09.34	14/04/2017	14.25	EO	To attend Hot Spot
satara MIDC- Malharpeth	IntraState	14/04/2017	11.05	14/04/2017	13.50	EO	To attend Hot Spot
Karad - Vita Ckt- II	IntraState	14/04/2017	17.03	14/04/2017	19.15	PO	Routine Maintenance Work
Karad(400kv) - Wathar	IntraState	14/04/2017	17.42	15/04/2017	10.22	T	Distance Protection
Kalwa - Colourchem	IntraState	14/04/2017	18.06	14/04/2017	19.21	T	Distance Protection
Pandharpur - Hiwarwada	IntraState	14/04/2017	21.30	14/04/2017	21.35	T	Distance Protection
Wani-Warora	IntraState	15/04/2017	08.15	15/04/2017	13.07	PO	Replacement of Disc Insulator
Kalwa - Colourchem	IntraState	15/04/2017	08.36	15/04/2017	18.15	PO	CT replacement work.
Koradi-Khaperkheda	IntraState	15/04/2017	11.59	15/04/2017	17.09	T	Distance Protection
Kalmeshwar-Pandhurna	IntraState	15/04/2017	13.11	15/04/2017	13.33	T	Distance Protection
Padgha - Temghar I	IntraState	15/04/2017	21.20		Continued.	HT	Hand tripped to control padgha ICT loading for giving ICT outage.
Padgha-Temghar-II	IntraState	15/04/2017	21.20		Continued.	HT	Hand tripped to control padgha ICT loading for giving ICT outage.
Phursungi-Parvati	IntraState	15/04/2017	23.47		Continued.	EO	Tree Cutting work
220 KV ICT Outages/Trippings							

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 14/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 15/Apr/2017

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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)
220/132Kv 200MVA ICT-II @ Mudshingi	IntraState	14/04/2017	10.20	14/04/2017	16.02	PO	Routine Maintenance Work
220/100 KV 200MVA ICT II @ Pal	IntraState	14/04/2017	12.50	14/04/2017	19.30	PO	Fire Protection system problem
220/132KV 100MVA ICT-I@Partur	IntraState	14/04/2017	18.45	14/04/2017	19.57	PO	Attending Oil Leakages of ICT
132 KV LINE Outages/Trippings							
Niwali - Ujani	IntraState	14/04/2017	15.24	14/04/2017	15.46	T	Distance Protection
Amalner - Nardhana	IntraState	15/04/2017	15.58	15/04/2017	16.15	T	Bus Bar Protection Operated
Dharangaon -Amalner	IntraState	15/04/2017	15.58	15/04/2017	16.15	T	Bus Bar Protection Operated
Amalner(220kv)-Chopda	IntraState	15/04/2017	15.58	15/04/2017	16.14	T	Bus Bar Protection Operated