

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Apr/2017 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	162.603	2354.591	1) Gujrat	0.239	16.682
2) Hydro	17.937	217.412	2) Madhya Pradesh	10.816	154.424
3) Gas	7.536	147.020	3) Chattisgarh	6.380	70.830
Total MSPGCL	188.076	2719.023	4) Maharashtra Net	128.517	1948.922
B) 1) APML	59.224	727.024	5) Goa (Amona)	-0.572	-9.084
2) JSWEL	15.691	311.588	Total	145.380	2181.774
3) VIPL	7.187	174.120	a) Mumbai Schedule	26.752	372.361
4) RPL(AMT)	17.876	377.069	b) Mumbai Drawl	27.663	421.018
5) WPCL	3.940	63.746	c) MSEDCL Bilateral *	25.777	503.144
6) PGPL	0.000	0.000	Include PX	-0.609	26.381
7) Other IPP	3.583	56.281	d) Mumbai Bilateral *	26.752	372.361
C) 1) TPCL Thermal	17.169	231.270	Include PX	10.268	66.827
2) TPCL Hydro	3.869	56.882	Include Standby	0.000	0.000
3) TPCL Gas	4.511	67.751	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.949	169.048	1) MSEDCL	430.236	6399.244
D) STATE			2) Mumbai Discoms	65.161	945.982
1) Thermal	299.222	4464.737	TOTAL STATE	495.397	7345.226
(A1+C1+C4+(B1-B6))					
2) Hydro	21.806	274.294			
(A2+C2)					
3) Gas	12.047	214.771			
(A3+B6+C3)					
4) Wind	15.255	187.082			
6) SOLAR	1.687	22.555			
TOTAL STATE	350.017	5163.439			

* 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 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6662	6739	6986	6117
MSPGCL Hydro	1179	1614	1153	84
MSPGCL Gas	268	279	320	298
MSPGCL Total Generation	8109	8632	8459	6499
Central Sector Receipt	7103	7096	5829	5499
WIND	497	630	467	892
CPP / IPP Thermal	4403	3925	4278	4944
CPP / IPP Gas	0	0	0	0
SOLAR	234	197	0	0
Exchange with Mumbai	-1402	-1440	-1253	-760
MSEDCL DEMAND MET	18944	19040	17780	17074
Load Shedding	0	19	0	0
MSEDCL DEMAND	18944	19059	17780	17074
TPCL GENERATION	1238	1182	1196	916
R-INFRA GENERATION	490	497	492	507
MUMBAI DEMAND	3130	3119	2941	2183
STATE DEMAND MET	22074	22159	20721	19257
STATE DEMAND	22074	22178	20721	19257
Frequency (Hz)	49.96	49.96	49.94	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 16.02 Hrs	49.77 Hz at 21.08 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 15/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	0.00	52.89	0	0
Unit 8	10.79	190.46	621	0
Unit 9	7.16	193.52	630	0
Unit 10	15.16	44.94	664	502
Total	33.11	481.81		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.90	60.82	165	160
Unit 4	8.54	144.62	360	355
Unit 5	8.60	145.26	365	350
Total	21.04	350.70		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.88	86.99	250	205
Unit 7	5.96	62.84	255	205
Unit 8	4.29	13.43	225	139
Total	16.12	163.26		
Chandrapur				
Unit 3	3.52	65.61	191	0
Unit 4	4.64	70.18	196	184
Unit 5	10.64	123.07	455	435
Unit 6	9.80	152.22	434	391
Unit 7	0.00	0.00	0	0
Unit 8	8.63	122.73	449	256
Unit 9	5.67	137.56	489	0
Total	42.89	671.37		
Paras				
Unit 3	5.85	88.50	256	212
Unit 4	5.99	72.82	257	205
Total	11.84	161.32		
Khaparkheda				
Unit 1	4.19	60.00	185	160
Unit 2	4.26	60.90	185	150
Unit 3	4.65	62.94	200	170
Unit 4	4.35	60.32	186	163
Unit 5	10.74	157.20	480	400
Total	28.18	401.35		
Nasik				
Unit 3	0.00	36.00	0	0
Unit 4	4.75	25.76	205	175
Unit 5	4.67	63.04	203	170
Total	9.42	124.79		
Uran				
All Units	7.54	147.02	456	268
Total	7.54	147.02		
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	1.12	23	0
Total	0.04	1.12		
Koyna				
Stage 1-2	5.76	67.08	560	45
Stage 4	7.06	69.15	750	0
Stage 3	2.92	30.59	240	0
Total	15.73	166.82		
Hydro				
KDPH	0.32	8.34	30	0
VTRNA	0.00	9.07	0	0
TILLARI	0.23	1.93	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	3.09	80	0
RNGR+BHTSA	0.30	3.98	13	12
BHANDARDRA	0.51	7.56	47	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.36	7.83	16	15
GHATGHAR	0.27	8.78	125	0
Total	2.20	50.59		
Wind				
Total	15.26	187.08	0	0
Total	15.26	187.08		
CPP				
APML(Mus)	59.22	727.02	0	0
JSWEL(Mus)	15.69	311.59	0	0
VIPL(Mus)	7.19	174.12	0	0
RPLAMT(Mus)	17.88	377.07	0	0
WPCL(Mus)	3.94	63.75	0	0
Other(Mus)	3.58	56.28	0	0
Total	107.50	1709.83		
SOLAR				
Total	1.69	22.56	0	0
Total	1.69	22.56		
Tata				
Trombay 5	11.50	151.23	492	391
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.91	43.60	122	120
Trombay 7B	1.60	24.15	67	66
Trombay 8	5.67	80.04	240	200
TATA Hydro	3.87	56.88	366	0
Total	25.55	355.90		
R-INFRA				
DTPS U-1&2	11.95	169.05	508	408
Total	11.95	169.05		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	162.60	2354.59	MSPGCL Total	188.08	2719.02
			MSPGCL Thml+Gas	170.14	2501.61	Koyna 1,2 & 4 Total	12.81	136.23
			MSPGCL Hydro	17.94	217.41	State Total	350.02	5163.44

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 15/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	7171	194	343	7708	785	5124	0	0	5581	5582	-1333	17866	0	17866	2684	20550	49.94
2	6598	180	287	7065	530	5139	0	0	5448	5743	-1050	17427	0	17427	2468	19895	49.96
3	6223	184	288	6695	847	5002	0	0	5461	5701	-875	17370	0	17370	2299	19669	49.96
4	6117	84	298	6499	892	4944	0	0	5550	5499	-760	17074	0	17074	2183	19257	49.95
5	6165	95	288	6548	1001	4979	0	0	5503	5498	-703	17323	0	17323	2130	19453	49.96
6	6453	355	281	7089	768	4998	0	0	5498	5661	-730	17786	0	17786	2152	19938	49.97
7	6539	850	291	7680	793	4968	0	4	5545	5840	-709	18576	0	18576	2133	20709	50.00
8	6756	674	301	7731	617	4920	0	40	5780	5643	-786	18165	0	18165	2211	20376	50.03
9	6878	326	283	7487	479	4778	0	96	5908	5988	-921	17907	0	17907	2401	20308	50.00
10	7037	558	289	7884	431	4544	0	166	6133	6037	-1290	17772	0	17772	2813	20585	50.00
11	7008	666	278	7952	503	4498	0	199	6635	6407	-1302	18257	0	18257	3006	21263	49.99
12	6662	1179	268	8109	497	4403	0	234	6800	7103	-1402	18944	0	18944	3130	22074	49.96
13	6681	1555	280	8516	579	3991	0	242	6701	6839	-1420	18747	0	18747	3174	21921	49.98
14	6804	1607	289	8700	585	3967	0	217	6415	6564	-1356	18677	0	18677	3069	21746	49.98
15	6739	1614	279	8632	630	3925	0	197	6603	7096	-1440	19040	19	19059	3119	22178	49.96
16	6871	1614	280	8765	654	3884	0	149	6262	6563	-1364	18651	229	18880	3145	22025	49.97
17	6992	1109	271	8372	694	3945	0	105	6308	6526	-1405	18237	223	18460	3060	21520	50.02
18	6927	511	273	7711	576	4020	0	35	6232	6574	-1386	17530	0	17530	3006	20536	50.00
19	6623	603	306	7532	426	4123	0	3	6039	6269	-1421	16932	0	16932	2855	19787	49.98
20	6986	1153	320	8459	467	4278	0	0	5672	5829	-1253	17780	0	17780	2941	20721	49.94
21	7089	849	413	8351	542	4262	0	0	5474	5567	-1206	17516	0	17516	2905	20421	49.95
22	7083	654	437	8174	603	4272	0	0	5349	5283	-1146	17186	0	17186	2776	19962	49.94
23	7115	554	437	8106	599	4270	0	0	5529	5654	-1150	17479	0	17479	2747	20226	49.95
24	7086	769	456	8311	757	4271	0	0	5725	5915	-1255	17999	0	17999	2754	20753	49.96
MUs	162.60	17.94	7.54	188.08	15.25	107.50	0.00	1.69	142.15	145.38	-27.66	430.24	0.47	430.71	65.16	495.87	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 15/Apr/2017

Position as on 6.30 Hrs of 16/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-1	300	13/04/2017	03.34		Continued.	Boiler Tube Leakage	
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	Koradi Unit 7	210	14/04/2017	21.47	16/04/2017	16.16	Boiler Tube Leakage	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Apr/2017

Position as on 6.30 Hrs of 16/Apr/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	
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		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	16/04/2017	20.10		Continued.	Air preheater problem.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 16/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							
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	16/04/2017	11.31	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	16/04/2017	21.23		Continued.	HT	Over Voltage
Dhule- Bableshtar - 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
Karad-Jaigad - I	IntraState	16/04/2017	04.49	16/04/2017	09.30	T	Distance Protection
Padghe - Kalwa-II	IntraState	16/04/2017	08.06	16/04/2017	21.07	PO	Insulator Replacement Work
Ektuni-Bableshtar ckt I	IntraState	16/04/2017	10.04	16/04/2017	21.37	T	Controlling padghe - bableshtar load
Bhusawal-Aurangabad	IntraState	16/04/2017	21.27		Continued.	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							
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	17.42	15/04/2017	10.22	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-Khaparkheda	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	16/04/2017	07.57	HT	Hand tripped to control padgha ICT loading for giving ICT outage.
Padgha-Temghar-II	IntraState	15/04/2017	21.20	16/04/2017	07.57	HT	Hand tripped to control padgha ICT loading for giving ICT outage.
Phursungi-Parvati	IntraState	15/04/2017	23.47	16/04/2017	00.48	EO	Tree Cutting work
Urse - Talegaon (Ambi) Ckt 2	IntraState	16/04/2017	09.17	16/04/2017	18.28	T	Line Maintenance work
Shivajinagar - Malegaon	IntraState	16/04/2017	13.50		Continued.	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)
132/33 Kv 50 Mva Ptr 2 @Waghala Nanded	IntraState	16/04/2017	10.30	16/04/2017	12.40	T	Tripped on monkey fault
132 KV LINE Outages/Trippings							
Amalner(220kv)-Chopda	IntraState	15/04/2017	15.58	15/04/2017	16.14	T	Bus Bar Protection Operated
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

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