

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Apr/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	97.684	1456.135	1) Gujrat	-5.868	-68.861
2) Hydro	11.486	169.365	2) Madhya Pradesh	14.834	215.084
3) Gas	9.660	151.129	3) Chattisgarh	7.760	118.750
Total MSPGCL	118.830	1776.629	4) Maharashtra Net	103.784	1559.026
B) 1) APML	66.368	985.314	5) Goa (Amona)	-0.562	-7.860
2) JSWEL	27.728	395.615	6) TAPS 1&2 Injection	2.396	50.370
3) VIPL	12.725	185.430	7) RGPPL Injection	11.665	175.323
4) RPL(AMT)	15.648	232.244	8) Pench (MS)	0.121	2.237
5) WPCL	4.567	67.527	9) Pench (Excess)	-0.121	-2.237
6) Other IPP	7.089	113.415	Total	133.888	2039.595
C) 1) TPCL Thermal	16.546	240.107	a) Mumbai Schedule	27.207	406.844
2) TPCL Hydro	3.144	48.024	b) Mumbai Drawl	31.922	457.676
3) TPCL Gas	4.003	60.781	c) MSEDCL Bilateral *	32.857	484.132
4) R-INFRA Thermal	5.695	86.931	Include PX	-4.514	-57.619
D) STATE			d) Mumbai Bilateral *	27.207	406.844
1) Thermal	254.050	3762.718	Include PX	6.845	101.339
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	14.630	217.389	H) ENERGY CATERED (MUs)		
3) Gas	13.663	211.910	1) MSEDCL	372.504	5541.107
4) Wind	16.217	183.505	2) Mumbai Discoms	61.310	893.521
6) SOLAR	1.366	19.509	TOTAL STATE	433.814	6434.628
TOTAL STATE	299.926	4395.031			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4459	4498	4323	3799
MSPGCL Hydro	1159	934	287	100
MSPGCL Gas	349	334	438	447
MSPGCL Total Generation	5967	5766	5048	4346
Central Sector Receipt	5908	5940	5409	5167
WIND	160	125	928	913
CPP / IPP	5895	5825	5527	5549
SOLAR	190	182	0	0
Exchange with Mumbai	-1578	-1608	-1458	-1080
MSEDCL DEMAND MET	16542	16230	15454	14895
Load Shedding	0	0	0	0
MSEDCL DEMAND	16542	16230	15454	14895
TPCL GENERATION	1192	1185	1065	699
R-INFRA GENERATION	257	258	259	201
MUMBAI DEMAND	3027	3051	2782	1980
STATE DEMAND MET	19569	19281	18236	16875
STATE DEMAND	19569	19281	18236	16875
Frequency (Hz)	49.95	49.99	49.95	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 18:02 Hrs	49.7 Hz at 14:46 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 15/Apr/2016

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	0.00	0	0
Unit 8	0.00	11.81	0	0
Total	0.00	11.81		
Bhusawal				
Unit 2	3.62	57.10	160	140
Unit 3	4.08	50.58	180	160
Unit 4	10.07	159.00	500	355
Unit 5	10.12	158.53	505	350
Total	27.88	425.22		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.54	67.16	202	163
Unit 4	2.41	50.20	178	0
Unit 5	10.12	151.69	450	370
Unit 6	0.00	0.00	0	0
Unit 7	10.22	130.55	448	362
Total	27.28	399.60		
Paras				
Unit 3	5.90	81.91	260	205
Unit 4	5.69	81.16	256	150
Total	11.59	163.06		
Khaparkheda				
Unit 1	3.89	56.97	170	150
Unit 2	0.02	50.28	20	0
Unit 3	4.27	65.96	206	160
Unit 4	4.19	67.12	200	160
Unit 5	10.04	30.82	500	357
Total	22.41	271.15		
Nasik				
Unit 3	4.26	64.83	200	160
Unit 4	4.25	64.37	195	163
Unit 5	0.00	56.09	0	0
Total	8.51	185.29		
Uran				
All Units	9.66	151.13	470	302
Total	9.66	151.13		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.12	2.24	37	0
Total	0.12	2.24		
Koyna				
Stage 1-2	3.38	63.46	485	40
Stage 4	2.78	33.86	434	0
Stage 3	1.28	22.41	160	0
Total	7.45	119.74		
Hydro				
KDPH	0.48	10.02	30	15
VTRNA	0.50	7.55	61	0
TILLARI	0.34	2.74	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.19	2.81	80	0
RNGR+BHTSA	0.21	2.98	11	0
BHANDARDRA	0.00	0.57	0	0
ELDARY	0.00	0.69	0	0
SMLHY_PTN	0.74	12.28	31	30
GHATGHAR	1.58	9.98	250	0
Total	4.04	49.63		
Wind				
Total	16.22	183.50	0	0
Total	16.22	183.50		
CPP				
APML(Mus)	66.37	985.31	0	0
JSWEL(Mus)	27.73	395.62	0	0
VIPL(Mus)	12.72	185.43	0	0
RPLAMT(Mus)	15.65	232.24	0	0
WPCL(Mus)	4.57	67.53	0	0
Other(Mus)	7.09	113.42	0	0
Total	134.12	1979.54		
SOLAR				
Total	1.37	19.51	0	0
Total	1.37	19.51		
Tata				
Trombay 5	10.86	154.37	485	314
Trombay 6	0.00	0.06	0	0
Trombay 7A	2.52	38.15	118	57
Trombay 7B	1.48	22.63	66	46
Trombay 8	5.69	85.68	247	199
TATA Hydro	3.14	48.02	363	19
Total	23.69	348.91		
R-INFRA				
1-2	5.70	86.93	260	201
Total	5.70	86.93		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	0.00	0.00	MSPGCL Thermal	97.68	1456.14	MSPGCL Total	118.83	1776.63
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	107.34	1607.26	Koyna 1,2 & 4 Total	6.17	97.32
Koradi 9	0.00	0.00	MSPGCL Hydro	11.49	169.36	State Total	299.93	4395.03
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 15/Apr/2016

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													
1	4121	526	446	5093	865	5604	0	5634	5451	-1320	15693	0	15693	2449	18142	49.96
2	4078	123	447	4648	1020	5583	0	5427	5218	-1116	15353	0	15353	2243	17596	49.97
3	3821	105	436	4362	958	5516	0	5430	5130	-1048	14918	0	14918	2093	17011	49.99
4	3799	100	447	4346	913	5549	0	5333	5167	-1080	14895	0	14895	1980	16875	49.99
5	3787	135	446	4368	940	5465	0	5255	5496	-1039	15230	0	15230	1932	17162	49.91
6	3783	315	455	4553	837	5374	0	5583	5603	-1073	15294	0	15294	1971	17265	49.92
7	3851	340	470	4661	697	5446	1	5555	6079	-972	15912	0	15912	1988	17900	49.99
8	3868	408	454	4730	476	5565	35	5587	5636	-994	15448	0	15448	2100	17548	49.98
9	3894	283	462	4639	336	5604	91	5753	6458	-1173	15955	0	15955	2302	18257	49.94
10	3920	350	416	4686	262	5609	130	5914	6745	-1363	16069	0	16069	2631	18700	49.89
11	4212	1059	373	5644	225	5810	162	5901	6003	-1524	16320	0	16320	2954	19274	49.98
12	4459	1159	349	5967	160	5895	190	5902	5908	-1578	16542	0	16542	3027	19569	49.95
13	4498	934	334	5766	125	5825	182	5865	5940	-1608	16230	0	16230	3051	19281	49.99
14	4508	719	304	5531	203	5828	172	5787	5925	-1573	16086	0	16086	2956	19042	49.99
15	4508	661	304	5473	391	5847	155	5864	5541	-1471	15936	0	15936	2948	18884	49.88
16	4497	594	302	5393	519	5839	134	5842	5433	-1464	15854	0	15854	2965	18819	49.96
17	4346	117	304	4767	709	5666	80	5868	5542	-1473	15291	0	15291	2932	18223	49.95
18	4011	117	306	4434	782	5218	32	5797	5316	-1541	14241	0	14241	2845	17086	49.97
19	4035	222	396	4653	841	5179	2	5631	5382	-1447	14610	0	14610	2721	17331	50.01
20	4323	287	438	5048	928	5527	0	5803	5409	-1458	15454	0	15454	2782	18236	49.95
21	3871	219	439	4529	1199	5615	0	5784	5533	-1426	15450	0	15450	2713	18163	49.90
22	3814	839	436	5089	1057	5494	0	4852	5093	-1378	15355	0	15355	2599	17954	49.92
23	3781	960	448	5189	892	5474	0	4989	4899	-1415	15039	0	15039	2579	17618	49.88
24	3899	914	448	5261	882	5593	0	5130	4982	-1388	15330	0	15330	2549	17879	49.90
MUs	97.68	11.49	9.66	118.83	16.22	134.13	1.37	134.49	133.89	-31.92	372.51	0.00	372.51	61.31	433.82	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 15/Apr/2016

Position as on 6.30 Hrs of 16/Apr/2016

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 synchronised 07.04.2016 (12.03hrs To 12.30hrs)After overhaul	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyana Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPP	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPP	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPP	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
RGPP	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	Change Over , No Schedule	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Koradi Unit 7	210	01/03/2016	23.55		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Chandrapur Unit 6	500	05/03/2016	10.15		Continued.	Turbine bearing Vabration high	
MSPGCL	Koyana Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
RINFRA-G	REL Unit 2	250	18/03/2016	08.39		Continued.	Stator Earth Fault	
MSPGCL	Koradi Unit 9	660	21/03/2016	00.47		Continued.	Ash Evacuation problem	
IPP	RPL(AMT) U-5	270	03/04/2016	00.00		Continued.	Zero Shedule By MSEDCL.	
RGPP	Dabhol 2B	230	07/04/2016	14.02		Continued.	P.M.Work	
IPP	RPL(AMT) U-4	270	08/04/2016	04.02		Continued.	Zero Schedule by MSEDCL.	
MSPGCL	Uran Unit 8	108	08/04/2016	08.40		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 4	210	12/04/2016	01.34	15/04/2016	06.10	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 2	210	13/04/2016	10.08	15/04/2016	23.31	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 15/Apr/2016

Position as on 6.30 Hrs of 16/Apr/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Koradi Unit-8	660	14/04/2016	20.48		Continued.	Generator Protection operated	
MSPGCL	Nasik Unit 5	210	15/04/2016	00.00		Continued.	zero schedule	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 16/Apr/2016

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	14/04/2016	18.05	15/04/2016	09.27	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	15/04/2016	18.06		Continued.	HT	Over Voltage
Karad Solapur (PG)	InterState	16/04/2016	06.20		Continued.	T	Distance Protection
Babhaleshwar-Taptitanda ckt-II	IntraState	04/04/2016	17.27		Continued.	HT	Change Over
Khadka-Aurangabad (Waluj)	IntraState	14/04/2016	17.35	15/04/2016	09.30	HT	Over Voltage
karad -kolhapur-II	IntraState	14/04/2016	18.05	15/04/2016	08.48	HT	Over Voltage
Karad-Jaigad - I	IntraState	14/04/2016	21.58	15/04/2016	08.52	HT	Over Voltage
Padghe - Kalwa- I	IntraState	15/04/2016	06.08	15/04/2016	09.18	EO	Attending Hot Spot
karad -kolhapur-I	IntraState	15/04/2016	17.16		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	15/04/2016	20.25		Continued.	HT	Over Voltage
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/04/2016	11.25		Continued.	HT	To control Load of Bus Coupler
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.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Bableshtar - Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Bableshtar - Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Pedambe-Nerle	IntraState	11/04/2016	13.10		Continued.	PO	CT Oil Leakage
Kharepatan -Pawas Line	IntraState	15/04/2016	02.41	15/04/2016	12.04	T	Distance Protection
Pedhambe - Oni	IntraState	15/04/2016	05.50	15/04/2016	17.20	T	Distance Protection
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	15/04/2016	11.53	15/04/2016	12.14	T	Distance Protection
Eklahara(Gcr)(Nasik)- Bableshtar-I	IntraState	15/04/2016	12.28	15/04/2016	14.05	T	Distance Protection
Ghatghar - Bapgaon	IntraState	15/04/2016	12.55	15/04/2016	14.30	HT	controlling 220kv bblr-nasik ckt2
Nashik-Padgha	IntraState	15/04/2016	13.03	15/04/2016	15.10	HT	controlling 220kv bblr-nasik ckt2
Chinchwad-Hinjewadi I	IntraState	15/04/2016	14.30	15/04/2016	17.24	HT	controlling 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)

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