

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Apr/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	109.341	2749.138	1) Gujrat	-6.186	-129.232
2) Hydro	20.107	288.323	2) Madhya Pradesh	16.321	376.105
3) Gas	10.368	264.909	3) Chattisgarh	7.590	199.260
Total MSPGCL	139.816	3302.370	4) Maharashtra Net	101.195	2644.744
B) 1) APML	50.728	1592.158	5) Goa (Amona)	-0.628	-13.610
2) JSWEL	20.104	663.542	6) TAPS 1&2 Injection	3.590	90.086
3) VIPL	14.133	329.616	7) RGPPL Injection	11.684	302.678
4) RPL(AMT)	19.253	414.073	8) Pench (MS)	0.156	3.152
5) WPCL	4.656	117.306	9) Pench (Excess)	-0.156	-3.152
6) Other IPP	5.673	182.020	Total	133.410	3466.879
C) 1) TPCL Thermal	16.006	409.070	a) Mumbai Schedule	26.576	703.618
2) TPCL Hydro	4.633	81.116	b) Mumbai Drawl	28.612	803.164
3) TPCL Gas	4.319	104.787	c) MSEDCL Bilateral *	33.138	823.686
4) R-INFRA Thermal	7.930	151.222	Include PX	-0.208	-69.389
D) STATE			d) Mumbai Bilateral *	26.026	703.068
1) Thermal	247.824	6608.145	Include PX	4.125	163.578
(A1+C1+C4+(B1-B6))			Include Standby	0.550	0.550
2) Hydro	24.740	369.439	H) ENERGY CATERED (MUs)		
3) Gas	14.687	369.696	1) MSEDCL	371.763	9654.288
4) Wind	11.223	354.676	2) Mumbai Discoms	61.502	1549.369
6) SOLAR	1.379	34.812	TOTAL STATE	433.265	11203.657
TOTAL STATE	299.853	7736.768			

* 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 21 Hrs	D. Night Minimum at 6 Hrs
MSPGCL Thermal	4174	4272	4584	4647
MSPGCL Hydro	2003	1846	879	156
MSPGCL Gas	416	419	426	448
MSPGCL Total Generation	6593	6537	5889	5251
Central Sector Receipt	6090	6172	5734	5001
WIND	110	301	617	522
CPP / IPP	4833	4820	4791	4768
SOLAR	210	107	0	1
Exchange with Mumbai	-1499	-1487	-1124	-759
MSEDCL DEMAND MET	16337	16450	15907	14784
Load Shedding	0	269	0	0
MSEDCL DEMAND	16337	16719	15907	14784
TPCL GENERATION	1335	1315	1104	876
R-INFRA GENERATION	253	288	488	260
MUMBAI DEMAND	3087	3090	2716	1895
STATE DEMAND MET	19424	19540	18623	16679
STATE DEMAND	19424	19809	18623	16679
Frequency (Hz)	49.83	49.82	49.92	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.01 Hrs	49.64 Hz at 12.17 Hrs	49.9	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 26/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	62.60	0	0
Total	0.00	62.60		
Bhusawal				
Unit 2	3.57	95.69	160	145
Unit 3	0.00	84.43	0	0
Unit 4	11.73	269.82	500	435
Unit 5	8.72	270.34	510	0
Total	24.02	720.28		
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	117.35	200	166
Unit 4	4.33	94.90	189	153
Unit 5	10.42	261.77	445	400
Unit 6	11.26	93.43	485	415
Unit 7	10.39	240.01	445	390
Total	40.94	807.46		
Paras				
Unit 3	5.96	145.72	260	240
Unit 4	6.10	140.18	260	244
Total	12.06	285.90		
Khaparkheda				
Unit 1	4.04	104.36	180	145
Unit 2	4.15	93.90	180	165
Unit 3	4.43	113.82	195	165
Unit 4	4.75	114.18	207	177
Unit 5	1.51	139.56	420	0
Total	18.88	565.83		
Nasik				
Unit 3	4.51	106.46	200	165
Unit 4	4.42	112.06	197	158
Unit 5	4.51	88.55	200	162
Total	13.44	307.07		
Uran				
All Units	10.37	264.91	457	408
Total	10.37	264.91		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.16	3.15	33	0
Total	0.16	3.15		
Koyna				
Stage 1-2	5.59	106.18	460	40
Stage 4	8.32	61.86	1052	0
Stage 3	2.66	38.78	160	0
Total	16.57	206.82		
Hydro				
KDPH	0.66	16.98	28	27
VTRNA	0.39	12.75	61	0
TILLARI	0.30	6.13	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	4.66	40	0
RNGR+BHTSA	0.22	5.27	13	0
BHANDARDRA	0.00	0.57	0	0
ELDARY	0.00	0.69	0	0
SMLHY_PTN	0.26	16.51	12	11
GHATGHAR	1.50	17.94	250	0
Total	3.54	81.50		
Wind				
Total	11.22	354.68	0	0
Total	11.22	354.68		
CPP				
APML(Mus)	50.73	1592.16	0	0
JSWEL(Mus)	20.10	663.54	0	0
VIPL(Mus)	14.13	329.62	0	0
RPLAMT(Mus)	19.25	414.07	0	0
WPCL(Mus)	4.66	117.31	0	0
Other(Mus)	5.67	182.02	0	0
Total	114.55	3298.72		
SOLAR				
Total	1.38	34.81	0	0
Total	1.38	34.81		
Tata				
Trombay 5	10.56	261.31	466	390
Trombay 6	0.00	0.06	0	0
Trombay 7A	2.77	65.89	116	115
Trombay 7B	1.55	38.90	65	63
Trombay 8	5.45	147.70	250	153
TATA Hydro	4.63	81.12	450	0
Total	24.96	594.97		
R-INFRA				
1-2	7.93	151.22	489	250
Total	7.93	151.22		

* 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	109.34	2749.14	MSPGCL Total	139.82	3302.37
Chandrapur 9	0.00	0.00	MSPGCL Thml+Gas	119.71	3014.05	Koyna 1,2 & 4 Total	13.91	168.04
Koradi 9	0.00	0.00	MSPGCL Hydro	20.11	288.32	State Total	299.85	7736.77
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/Apr/2016

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	5002	487	445	5934	610	4760	0	5466	5346	-1268	15382	0	15382	2300	17682	49.87
2	4923	251	445	5619	515	4767	0	5386	5532	-1044	15389	0	15389	2080	17469	49.87
3	4967	162	438	5567	400	4776	0	5280	5135	-925	14953	0	14953	1959	16912	49.90
4	4989	91	457	5537	438	4772	0	5228	5042	-849	14940	0	14940	1882	16822	49.94
5	4630	101	446	5177	498	4781	0	5190	5247	-840	14863	0	14863	1829	16692	49.92
6	4647	156	448	5251	522	4768	1	5189	5001	-759	14784	0	14784	1895	16679	49.94
7	4731	296	450	5477	691	4754	15	5251	5252	-798	15391	0	15391	1936	17327	49.98
8	4758	466	445	5669	568	4782	53	5328	5242	-883	15431	0	15431	2050	17481	49.95
9	4703	564	446	5713	478	4792	106	5614	5649	-1144	15594	0	15594	2376	17970	49.86
10	4711	1072	422	6205	408	4800	136	5791	5722	-1297	15974	0	15974	2689	18663	49.88
11	4575	1615	416	6606	223	4784	185	5810	5628	-1394	16032	0	16032	2963	18995	49.83
12	4174	2003	416	6593	110	4833	210	5845	6090	-1499	16337	0	16337	3087	19424	49.83
13	4208	1855	430	6493	91	4807	161	5818	5859	-1498	15913	0	15913	3078	18991	49.87
14	4209	1642	408	6259	191	4820	170	5710	5775	-1525	15690	0	15690	3007	18697	49.90
15	4205	1692	412	6309	239	4827	151	5690	6033	-1532	16027	2	16029	3072	19101	49.78
16	4272	1846	419	6537	301	4820	107	5676	6172	-1487	16450	269	16719	3090	19809	49.82
17	4387	1173	426	5986	377	4816	54	5613	5478	-1422	15289	536	15825	3077	18902	49.93
18	4534	422	421	5377	470	4775	26	5632	5696	-1386	14958	0	14958	2982	17940	49.95
19	4166	368	424	4958	569	4544	4	5536	5879	-1229	14725	0	14725	2829	17554	49.99
20	4307	1105	434	5846	553	4635	0	5571	5625	-1166	15493	0	15493	2833	18326	49.90
21	4584	879	426	5889	617	4791	0	5561	5734	-1124	15907	0	15907	2716	18623	49.92
22	4518	509	434	5461	739	4766	0	5480	5417	-1185	15198	0	15198	2630	17828	49.92
23	4579	606	436	5621	777	4795	0	5285	5313	-1176	15330	0	15330	2578	17908	49.86
24	4562	746	424	5732	838	4783	0	5301	5543	-1182	15714	0	15714	2562	18276	49.87
MUs	109.34	20.11	10.37	139.82	11.22	114.55	1.38	132.25	133.41	-28.61	371.76	0.81	372.57	61.50	434.07	49.90

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 26/Apr/2016

Position as on 6.30 Hrs of 27/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	Koyana Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
RINFRA-G	REL Unit 2	250	18/03/2016	08.39	26/04/2016	15.26	Stator Earth Fault	
MSPGCL	Koradi Unit 9	660	21/03/2016	00.47		Continued.	Ash Evacuation problem	
RGPP	Dabhol 2A	230	18/04/2016	19.58	26/04/2016	09.48	super heater spry valve problem	
IPP	Adani U-3	660	20/04/2016	03.33		Continued.	Furnace Pressure High	
IPP	RPL(AMT) U-1	270	20/04/2016	17.14		Continued.	Zero Schedule Given by MSEDCL.	
IPP	RPL(AMT) U-3	270	20/04/2016	20.50		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Koradi Unit-8	660	23/04/2016	02.38		Continued.	ESP And CW Pump Work.	
MSPGCL	Uran Unit 7	108	23/04/2016	15.11		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 3	210	24/04/2016	11.13		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Apr/2016

Position as on 6.30 Hrs of 27/Apr/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 5	500	26/04/2016	04.06		Continued.	Furnace Pressure High	
MSPGCL	Bhusawal Unit 5	500	26/04/2016	10.49	26/04/2016	15.15	Flame Failure	
RGPL	Dabhol 2B	230	26/04/2016	13.12		Continued.	P.M.WORK	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 27/Apr/2016

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 - Tirora ckt-II	IntraState	26/04/2016	11.08	26/04/2016	12.54	PO	Line service though Tie Bay. Breaker Gas Pressure Low.
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	27/04/2016	00.27	27/04/2016	01.31	PO	Replacement of Faultyn MCCB at Padghe End.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	25/04/2016	18.17	26/04/2016	08.25	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	26/04/2016	18.05		Continued.	HT	Over Voltage
Dabhol New koyna I	InterState	27/04/2016	01.39		Continued.	T	Distance Protection
Dabhol Newkoyna li	InterState	27/04/2016	02.28		Continued.	T	Distance Protection
Babhaleshwar-Taptitanda ckt-I	IntraState	24/04/2016	18.11		Continued.	HT	Hand Tripped
karad -kolhapur-II	IntraState	25/04/2016	17.03	26/04/2016	08.42	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/04/2016	17.15	26/04/2016	09.24	HT	Over Voltage
Jaigad-New Koyna Ckt-II	IntraState	26/04/2016	09.38	26/04/2016	20.07	PO	Cold Washing and Maint. work.
karad -kolhapur-I	IntraState	26/04/2016	16.07		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	26/04/2016	17.16	26/04/2016	17.34	T	Due to DT send form A'bad.
Bhusawal-Aurangabad	IntraState	26/04/2016	18.03		Continued.	HT	Over Voltage
Chandrapur - Parli	IntraState	26/04/2016	18.32	26/04/2016	19.40	T	Distance Protection
Karad-Jaigad - I	IntraState	26/04/2016	20.15	27/04/2016	02.49	HT	Over Voltage
Karad - Jaigad - II	IntraState	27/04/2016	02.34		Continued.	T	Distance Protection
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. Padghe-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
Chakan (400kv)-Bridgestone	IntraState	22/04/2016	10.21	26/04/2016	20.00	PO	Stringing Work Of 132KV On M/C Tower.
Kalwa - Borivali	IntraState	25/04/2016	09.57	26/04/2016	17.48	HT	To control O/L of Borivali-Salsette D/C Line
Kalwa-Salsette-VI	IntraState	25/04/2016	09.57	26/04/2016	17.52	HT	To control O/L of Borivali-Salsette D/C Line
Nerul - Sonkhar	IntraState	26/04/2016	06.05	26/04/2016	09.00	EO	To attend Hot Spot
Pophali - New Koyna	IntraState	26/04/2016	08.57	26/04/2016	16.00	PO	Routine Maintenance Work
Nagothane - ACCIL	IntraState	26/04/2016	10.21	26/04/2016	20.28	PO	Routine Maintenance Work
Kharepatan -Pawas Line	IntraState	26/04/2016	10.22	26/04/2016	18.43	PO	String Replacement.
Kadegaon-Miraj	IntraState	26/04/2016	12.30	26/04/2016	15.00	PO	LA Replacement Work.
Niwali - Pawas Line	IntraState	27/04/2016	05.27	27/04/2016	05.54	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

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 26/Apr/2016

Statement-VII

Position as on 6.30 Hrs of 27/Apr/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							commissioning)