



***Maharashtra State Electricity Transmission
Company Ltd.***

State Load Dispatch Center, Airoli

Daily system Report

for

26/Apr/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 26/Apr/2011 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	123.992	3303.789	1) Madhya Pradesh	66.031	1371.131
2) Hydro	17.970	595.263	2) Gujrat	29.855	834.943
3) Gas	15.289	386.208	3) Goa	-6.427	-172.174
Total MSGENCO	157.251	4285.260	4) TAPS 1&2 (Inj.)	6.551	172.248
B) OTHERS			5) Pench (Excess)	-0.081	-5.767
1) RGPPL Gas	36.084	900.519	# Total Cent. Sector	95.929	2200.381
2) Wind Generation	6.800	151.489	F) Other Exchanges		
3) CPP	22.182	626.860	1) With TPCL (Excess)	-12.241	-326.587
4) PENCH (MS)	0.081	5.767	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	14.665	375.576
1) TPCL Thermal	28.109	649.148	Include PX	0.000	2.294
2) TPCL Hydro	4.839	100.928	2) MUMBAI Bilateral	13.329	345.462
TOTAL TPCL	32.948	750.076	Include PX	-0.817	20.634
3) REL Thermal	12.530	326.599	3) MUMBAI Schedule	13.329	347.837
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	164.631	4279.536	1) MSEDCL	306.086	7843.689
2) Hydro (A2+B3+C2)	22.890	701.958	2) TPCL	38.203	926.760
3) Gas (A3+B1)	51.373	1286.727	3) REL	19.515	476.423
4) Wind (B2)	6.800	151.489	TOTAL STATE	363.804	9246.872
5) CPP (B3)	22.182	626.860			
TOTAL STATE	267.876	7046.570			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4833	5192	5337
MSGENCO Hydro	965	1699	170
MSGENCO Gas	627	634	649
MSGENCO Total Generation	6425	7525	6156
Central Sector Receipt	4952	3366	3083
RGPPL	1443	1383	1639
WIND	146	260	367
CPP	925	923	909
Exchange with Mumbai	-649	-593	-294
MSEDCL DEMAND MET	13242	12865	11860
Load Shedding (LS)	372	0	0
MSEDCL DEMAND (INCL. LS)	13614	12865	11860
TPCL GENERATION	1790	1525	937
REL GENERATION	523	523	523
TPCL+REL DEMAND	2962	2641	1754
STATE DEMAND MET	16204	15506	13614
Load Management (LM)	2082	3460	1487
Total Load Relief (LS+LM)	2454	3460	1487
UNRESTRICTED STATE DEMAND	18658	18966	15101
Frequency (Hz)	49.89	49.55	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.32 Hz at 07.49 Hrs	48.93 Hz at 19.11 Hrs	49.83	.53 % of Time(min)

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and TPCL bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 26/Apr/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.92	104.14	175	142	167
Unit 6	4.06	111.84	192	136	185
Unit 7	4.20	95.71	185	160	173
	12.18	311.68			525
Bhusawal					
Unit 2	4.20	102.24	185	170	185
Unit 3	4.48	104.18	190	180	191
Unit 4		0.00	0	0	
	8.67	206.42			376
Parli					
Unit 3	2.91	90.74	180	0	150
Unit 4	3.56	102.84	172	100	100
Unit 5	0.00	95.55	0	0	0
Unit 6	5.00	135.26	245	104	200
Unit 7	5.09	121.58	246	157	200
	16.56	545.97			650
Chandrapur					
Unit 1	3.89	96.50	168	146	165
Unit 2	3.89	81.76	173	155	165
Unit 3	4.42	100.07	195	175	200
Unit 4	4.08	89.02	177	153	175
Unit 5	10.14	268.44	450	380	450
Unit 6	9.75	266.91	455	350	450
Unit 7	10.45	207.64	460	409	450
	46.63	1110.34			2055
Paras					
Unit 3	4.68	120.63	230	173	210
Unit 4	4.71	144.97	253	108	230
	9.39	265.60			440
Khaparkheda					
Unit 1	4.14	119.49	190	110	190
Unit 2	4.08	105.04	194	105	185
Unit 3	0.00	115.74	0	0	0
Unit 4	5.25	134.68	223	213	220
Unit 5		0.00	0	0	
	13.48	474.95			595
Nasik					
Unit 1	2.04	39.38	90	77	95
Unit 2	2.16	42.66	96	83	95
Unit 3	4.34	113.06	190	165	190
Unit 4	4.38	104.20	207	158	190
Unit 5	4.18	89.52	198	164	180
	17.10	388.82			750
Uran					
All Units	15.29	386.21	654	623	620
	15.29	386.21			620
Dabhol					
RGPPL	36.08	900.52	1646	1342	1400
	36.08	900.52			1400
Koyna					
Stage 1-2	5.04	137.60	500	35	600
Stage 4	6.74	254.13	840	0	250
Stage 3	2.88	84.69	320	0	320
	14.66	476.42			1170
Kovna 12&4 Total	11.78	391.73			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	11.25	0	0	19
VTRNA	1.30	33.18	60	12	60
TILLARI	0.17	6.70	60	0	60
BHTGR/VEER	0.40	9.54	17	16	14
BHIRA T.R.	0.22	5.59	64	0	80
RNGR+BHTSA	0.38	8.78	16	16	16
BHANDARDRA	0.00	4.46	0	0	0
ELDARY	0.27	4.61	12	11	10
SMLHY PTN	0.57	22.00	31	20	19
GHATGHAR	0.00	12.73	0	0	0
	3.31	118.85			278
PENCH (MS)					
Pench (MS)	0.08	5.77	27	0	
	0.08	5.77			
Wind					
MalharPeth	0.14	5.17			
Vankuswadi	0.21	10.44			
ATIT	0.07	3.75			
Kale	0.10	3.84			
Satara	0.06	9.80			
Shirala	0.10	4.40			
K Mahankal	0.04	2.93			
Supa	0.09	2.10			
Vita	0.18	18.50			
Dondaicha	4.28	60.37			
Sakri	0.60	9.28			
Nandurbar	0.43	7.26			
Khandke	0.27	7.30			
Khaparale	0.21	6.33			
	6.80	151.49			
CPP					
JSW JAIGAD	12.22	340.94	517	501	505
WARDHA	5.60	153.38	244	206	350
Other CPPs	4.36	132.54			
	22.18	626.86			855
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.99	273.19	490	350	500
Trombay 6	6.96	132.20	450	150	500
Trombay 7A	2.85	74.12	122	116	120
Trombay 7B	1.58	40.46	67	64	60
Trombay 8	5.72	129.18	251	151	250
TATA Hydro	4.84	100.93	466	0	447
	32.95	750.08			1877
REL					
1&2	12.53	326.60	524	511	500
	12.53	326.60			500
Cent Sect					
Share					3584
					3584

MS PG CL	Thermal	123.99	3303.79		5391
	Thml+Gas	139.28	3690.00		6011
	Hydro	17.97	595.26		1448
	Total	157.25	4285.26		7459
State Total		267.88	7046.57		15675

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/Apr/2011

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAN D WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS														
1	5364	170	635	6169	1568	347	930	3350	3657	-598	-522	12149	2076	12149	2151	16376	49.85
2	5364	165	637	6166	1629	332	907	3220	3419	-465	-420	12033	1974	12033	1966	15973	49.93
3	5328	160	645	6133	1628	484	908	3143	3370	-384	-325	12198	1462	12198	1834	15494	49.86
4	5337	170	649	6156	1639	367	909	3086	3083	-333	-294	11860	1487	11860	1754	15101	50.00
5	5331	165	645	6141	1639	412	912	3055	3292	-300	-265	12131	1584	12135	1724	15439	49.94
6	5336	491	650	6477	1636	680	902	3039	3376	-283	-234	12837	1834	12897	1761	16432	49.80
7	5297	354	649	6300	1641	496	941	3271	3937	-364	-317	12998	1962	13056	1796	16756	49.88
8	5316	245	654	6215	1646	159	944	3297	4105	-392	-354	12715	1904	12715	1890	16509	50.09
9	5393	180	651	6224	1634	182	949	3362	4660	-452	-456	13193	1904	13193	2193	17290	50.14
10	5447	181	637	6265	1619	131	933	3467	4737	-500	-514	13171	1957	13171	2583	17711	49.97
11	5200	404	638	6242	1550	128	922	3673	5065	-594	-641	13266	2134	13311	2865	18265	50.03
12	4833	965	627	6425	1443	146	925	3759	4952	-660	-649	13242	2454	13614	2962	18658	49.89
13	4868	865	631	6364	1441	114	930	3794	5118	-686	-642	13325	2449	13688	2964	18738	49.86
14	4815	649	625	6089	1441	94	930	3801	5149	-666	-583	13120	2292	13326	2847	18259	49.86
15	4846	1338	625	6809	1437	85	931	3693	4820	-686	-613	13469	2166	13648	2884	18519	49.68
16	5051	1643	623	7317	1438	107	932	3580	4366	-706	-614	13546	2104	13726	2889	18539	49.85
17	5079	1642	623	7344	1438	118	928	3583	4415	-666	-576	13667	2098	13840	2845	18610	49.75
18	5072	1188	640	6900	1437	210	922	3493	3796	-627	-548	12717	2345	12860	2753	17815	49.95
19	5154	767	635	6556	1410	272	927	3339	3574	-626	-505	12234	3153	12273	2633	18020	49.79
20	5192	1699	634	7525	1383	260	923	3502	3366	-684	-593	12865	3460	12865	2641	18966	49.55
21	5170	1530	639	7339	1360	352	918	3532	3559	-713	-637	12918	3470	12918	2560	18948	49.60
22	5094	987	631	6712	1342	498	925	3532	3536	-713	-692	12344	3468	12344	2484	18296	49.56
23	5056	952	633	6641	1343	467	914	3327	3414	-617	-626	12179	3466	12179	2395	18040	49.51
24	5049	1060	633	6742	1342	359	920	3214	3163	-617	-621	11909	3074	11909	2345	17328	49.55
MUs	123.99	17.97	15.29	157.25	36.08	6.80	22.18	82.11	95.93	-13.33	-12.24	306.09	56.28	307.91	57.72	420.08	49.83

NOTE : ALL VALUES IN MW

Mumbai Sch./Net Exch is shown with reference to MSETCL System. (+) indicates Mum. to MSETCL and (-) indicates MSETCL to Mum. Mumbai Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss # Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 26/Apr/2011

Position as on 6.30 Hrs of 27/Apr/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Dabhol 1B	230	15/03/2011	02.37		Continued.	Upgradation Work.	27/04/2011
Cent_Sect NTPC(K-3)	210	31/03/2011	23.46		Continued.	Annual Overhaul	30/04/2011
Cent_Sect NTPC(V-4)	210	10/04/2011	00.01		Continued.	Annual overhaul.	10/05/2011
Khaparkheda Unit 3	210	25/04/2011	02.51		Continued.	Annual overhaul.	25/05/2011
FORCED OUTAGE							
CPP WPCL U-3	135	25/04/2011	01.22	27/04/2011	05.00	Filter replacement work.	
Parli Unit 5	210	25/04/2011	22.21		Continued.	Non availability of coal mill	
Parli Unit 3	210	26/04/2011	10.41	26/04/2011	15.07	Bus Fault at Parli GCR	
Cent_Sect Tarapur 2	80	26/04/2011	17.50		Continued.	Water Heater outlet Valve problem	
Cent_Sect NTPC(V) 9	500	27/04/2011	03.40		Continued.	Drum Level Protection	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Apr/2011

Position as on 6.30 Hrs of 27/Apr/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Pench-Mansar	08/04/2011	10.35		Continued.	Replacement of relay & control pannel.up to 28.04.2011.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - I	24/04/2011	17.36	26/04/2011	09.40	Over Voltage.
Dhule - S'Sarovar- II	26/04/2011	23.00		Continued.	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Sar'Sarovar - II	26/04/2011	09.29	26/04/2011	11.55	Distance Protection
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 100 MVA Spare Unit @ Koradi	14/04/2011	09.18		Continued.	Shifting to Replace R Ph Unit of ICT-I.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
220/7 KV 20 MVA Stn.T/F-II at Korady	31/03/2011	10.47		Continued.	Oil Leakage.
Borivali-Boisar	03/04/2011	09.48		Continued.	LILO work of 220KV Borivali-Boiser at 220KV Ghodbandar(Up to 28/4/11)
Kalwa - Tifil	15/04/2011	09.42		Continued.	Stringing of 4th ckt. between Mahape S/S and TIFIL LILO Tower.,up to 28.04.2011.
220/132 KV 100 MVA ICT-II @ Parbhani	16/04/2011	11.38		Continued.	Augmentation by 200MVA ICT.
220/100 KV,200 MVA ICT-I @ Apta	26/04/2011	09.45	26/04/2011	19.00	Testing work
220/33 KV 50 MVA T/F- I @ Vita	26/04/2011	10.28	26/04/2011	12.30	Q.M.Work
220/33 KV,100 MVA ICT - I @ Ghatndrai	26/04/2011	10.47	26/04/2011	12.21	Q.M.Work
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Chikali - Dugar Bid	25/04/2011	07.30	26/04/2011	23.23	Erection of Tower.
Khadka-Malkapur	26/04/2011	09.21		Continued.	Replacement of Aux.Bus Isolator
Ambazari - Amravati	26/04/2011	11.15	26/04/2011	14.35	Main Bus-II Isolator Dismantling work
Rly TSS - Akola - I	26/04/2011	11.29	26/04/2011	15.23	For removal of Old Breakers at TSS Akola
Rly TSS - Akola - II	26/04/2011	11.30	26/04/2011	15.24	For removal of Old Breakers at TSS Akola
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV 315 MVA ICT - II @ Parli	21/04/2011	23.01		Continued.	To Attend L V Side Main Bkr.Problem.L V Side of ICT Taken on
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Kalwa - Airoli - Knowledge Park.	26/04/2011	13.30	26/04/2011	13.55	To remove Birds nests
Voltage Level : 132KV			Outage Type FORCED OUTAGE		
Malegaon-Manmad	26/04/2011	10.11	26/04/2011	10.26	To attend Red Hot at Manmad
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	25/04/2011	21.54	26/04/2011	06.00	Over Voltage
New Koyna - Jaigad - II	26/04/2011	03.26	26/04/2011	22.21	H/T due to sparking
Bhusawal- Aurangabad	26/04/2011	22.59	27/04/2011	06.14	Over Voltage

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Apr/2011

Position as on 6.30 Hrs of 27/Apr/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
BBLSR-Waluj	09/04/2011	10.14		Continued.	To control A'bad ICT Loading.
Dhule-Chalisgaon	09/04/2011	15.54		Continued.	H/T to control Dhule ICTs over loading.
Chandrapur-Warora - I	17/04/2011	15.00	26/04/2011	13.55	To control Warora-Hinganghat line loading.
Hingoli-Pusad	18/04/2011	13.07		Continued.	To control Wardha-Yavatmal load
Wardha-Abhijeet I	18/04/2011	17.05		Continued.	To control Koradi ICT Load
Wardha-Abhijeet II	25/04/2011	17.04		Continued.	To control Koradi ICT Load
Wardha-K'Kheda	25/04/2011	18.58	26/04/2011	10.14	To control Koradi ICT Load
Bale-Murud	26/04/2011	11.41		Continued.	To control Parli ICT Load
Bale-Usmanabad	26/04/2011	11.41		Continued.	To control Parli ICT Load
Khaperkheda - Wardha.	26/04/2011	13.10		Continued.	To control Koradi ICT Load
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
Voltage Level : 220KV			Outage Type TRIPPED		
220/100KV 200MVA ICT-III at Kalwa	03/04/2011	16.00		Continued.	Buchholz Trip,Diff.Prot.operated,PRV tripped(Failed).
220/110KV 200MVA ICT-II at Mudshingi	10/04/2011	18.10		Continued.	Differential Protection, Defective B Phase LA replaced(Kept on Humming at 16.30Hrs on 18/4/11)
220KV Main Bus - II @ Parly-I	26/04/2011	10.41	26/04/2011	11.25	Bus Bar Prot.operated
Parly - Harangool - II	26/04/2011	10.41	26/04/2011	11.28	Bus Bar Prot.Operated
Parly - Girwali - II	26/04/2011	10.41	26/04/2011	11.27	Bus Bar Prot.Operated
Parli GCR - Parli EXTN.II	26/04/2011	10.41	26/04/2011	11.27	Bus Bar Prot.Operated
Kolhapur-Sawantwadi	27/04/2011	03.58	27/04/2011	05.16	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 27/Apr/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	180
Unit 6	210	190
Unit 7	210	190
	620	560
Bhusawal		
Unit 2	210	190
Unit 3	210	190
Unit 4	0	
	420	380
Parli		
Unit 3	210	150
Unit 4	210	170
Unit 5	210	0
Unit 6	250	240
Unit 7	250	220
	1130	780
Chandrapur		
Unit 1	210	165
Unit 2	210	160
Unit 3	210	190
Unit 4	210	150
Unit 5	500	450
Unit 6	500	400
Unit 7	500	450
	2340	1965
Paras		
Unit 3	250	200
Unit 4	250	220
	500	420
Khaparkheda		
Unit 1	210	180
Unit 2	210	170
Unit 3	210	0
Unit 4	210	210
Unit 5	0	
	840	560
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	190
Unit 4	210	180
Unit 5	210	190
	870	740
Uran		
All Units	852	620
	852	620
Dabhol		
RGPP	1940	1500
	1940	1500
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	0

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	17
BHIRA T.R.	80	80
RNGR+BHTSA	20	16
BHANDARDRA	45	0
ELDARY	23	11
SMLHY PTN	12	10
GHATGHAR	250	
	611	254
PENCH (MS)		
Pench (MS)	53	
	53	
Wind		
MalharPeth	0	
Vankuswadi	0	
ATIT	0	
Kale	0	
Satara	0	
Shirala	0	
K Mahankal	0	
Supa	0	
Vita	0	
Dondaicha	0	
Sakri	0	
Nandurbar	0	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	600	505
WARDHA	405	350
Other CPPs	0	
	1005	855
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3498
	3455	3498