



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

State Load Dispatch Center, Airoli

Daily system Report

for

31/May/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 31/May/2011 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	115.742	3569.100	1) Madhya Pradesh	64.830	1887.059
2) Hydro	21.565	591.410	2) Gujrat	24.658	918.748
3) Gas	15.191	470.556	3) Goa	-7.594	-217.583
Total MSGENCO	152.498	4631.066	4) TAPS 1&2 (Inj.)	7.786	235.189
B) OTHERS			5) Pench (Excess)	-0.177	-4.442
1) RGPPL Gas	31.717	1062.604	# Total Cent. Sector	89.503	2818.971
2) Wind Generation	15.338	380.564	F) Other Exchanges		
3) CPP	26.465	639.981	1) With TPCL (Excess)	-14.176	-362.158
4) PENCH (MS)	0.177	4.626	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	16.488	445.022
1) TPCL Thermal	29.875	865.893	Include PX	0.000	20.428
2) TPCL Hydro	5.750	117.006	2) MUMBAI Bilateral	14.262	383.124
TOTAL TPCL	35.625	982.899	Include PX	1.498	-9.862
3) REL Thermal	12.429	387.439	3) MUMBAI Schedule	14.262	383.124
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	158.046	4822.432	1) MSEDCL	301.522	9175.654
2) Hydro (A2+B3+C2)	27.492	713.042	2) TPCL	41.383	1145.144
3) Gas (A3+B1)	46.908	1533.160	3) REL	20.845	587.281
4) Wind (B2)	15.338	380.564	TOTAL STATE	363.750	10908.079
5) CPP (B3)	26.465	639.981			
TOTAL STATE	274.249	8089.179			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	4743	4953	4904
MSGENCO Hydro	1251	1483	115
MSGENCO Gas	618	632	653
MSGENCO Total Generation	6612	7068	5672
Central Sector Receipt	4103	3652	3193
RGPPL	1305	1318	1344
WIND	554	512	791
CPP	1127	1111	1110
Exchange with Mumbai	-710	-663	-327
MSEDCL DEMAND MET	12991	13010	11806
Load Shedding (LS)	0	0	0
MSEDCL DEMAND (INCL. LS)	12991	13010	11806
TPCL GENERATION	1874	1577	1077
REL GENERATION	521	520	516
TPCL+REL DEMAND	3105	2760	1920
STATE DEMAND MET	16096	15770	13726
Load Management (LM)	2042	3344	1599
Total Load Relief (LS+LM)	2042	3344	1599
UNRESTRICTED STATE DEMAND	18138	19114	15325
Frequency (Hz)	49.91	49.90	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.36 Hz at 17:33 Hrs	49.3 Hz at 14:33 Hrs	49.94	0 % 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 31/May/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.16	126.19	180	151	175
Unit 6	4.33	134.49	194	165	178
Unit 7	4.08	131.87	175	165	170
	12.57	392.55			523
Bhusawal					
Unit 2	1.43	86.56	170	0	160
Unit 3	4.26	127.03	190	170	185
Unit 4	0.00	0.00	0	0	0
	5.69	213.59			345
Parli					
Unit 3	3.07	92.93	152	109	140
Unit 4	3.38	98.30	172	109	150
Unit 5	3.59	93.69	166	132	160
Unit 6	5.15	121.31	234	190	220
Unit 7	5.02	117.37	231	180	215
	20.21	523.59			885
Chandrapur					
Unit 1	0.00	98.85	0	0	0
Unit 2	3.77	89.08	164	148	160
Unit 3	2.67	124.25	192	0	100
Unit 4	4.00	120.35	183	130	180
Unit 5	8.74	281.84	455	280	325
Unit 6	8.97	270.37	420	315	400
Unit 7	8.78	294.92	405	330	425
	36.94	1279.67			1590
Paras					
Unit 3	5.09	128.43	221	204	230
Unit 4	5.15	87.56	250	170	250
	10.24	215.98			480
Khaparkheda					
Unit 1	4.76	125.62	205	180	210
Unit 2	0.00	131.31	0	0	0
Unit 3	4.99	33.48	215	177	200
Unit 4	5.31	161.03	224	219	210
Unit 5	0.00	0.00	0	0	0
	15.06	451.44			620
Nasik					
Unit 1	1.98	60.05	89	68	90
Unit 2	1.98	45.07	88	69	90
Unit 3	3.97	129.38	180	150	160
Unit 4	3.26	130.09	165	56	160
Unit 5	3.84	127.68	180	134	150
	15.04	492.27			650
Uran					
All Units	15.19	470.56	658	615	620
	15.19	470.56			620
Dabhol					
RGPPL	31.72	1062.60	1346	1298	1250
	31.72	1062.60			1250
Koyna					
Stage 1-2	4.80	138.57	545	40	600
Stage 4	11.25	273.11	1011	0	250
Stage 3	3.60	90.71	318	0	320
	19.65	502.39			1170
Kovna 12&4 Total	16.05	411.68			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.36	10.45	16	15	18
VTRNA	0.00	0.00	0	0	0
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.03	6.00	2	1	3
BHIRA T.R.	0.27	5.98	41	0	80
RNGR+BHTSA	0.28	9.42	12	11	12
BHANDARDRA	0.45	19.53	19	18	20
ELDARY	0.00	5.29	0	0	0
SMLHY PTN	0.52	23.53	28	18	10
GHATGHAR	0.00	8.82	0	0	0
	1.91	89.02			143
PENCH (MS)					
Pench (MS)	0.18	4.63	27	0	0
	0.18	4.63			0
Wind					
MalharPeth	0.34	9.51			
Vankuswadi	0.98	24.36			
ATIT	0.13	4.78			
Kale	0.35	8.86			
Satara	1.58	20.41			
Shirala	0.31	8.84			
K Mahankal	0.04	13.37			
Supa	0.21	4.64			
Vita	1.57	38.95			
Dondaicha	6.23	157.32			
Sakri	1.08	28.19			
Nandurbar	0.88	21.36			
Khandke	0.80	20.43			
Khaparale	0.82	19.53			
	15.34	380.56			
CPP					
JSW JAIGAD	12.02	257.25	545	329	550
WARDHA	10.68	241.98	459	381	330
Other CPPs	3.76	140.45			
	26.46	639.68			880
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.76	360.10	490	490	500
Trombay 6	8.22	198.11	500	150	500
Trombay 7A	2.84	88.76	120	116	120
Trombay 7B	1.58	48.57	67	65	60
Trombay 8	5.47	170.35	250	150	250
TATA Hydro	5.75	117.01	459	0	447
	35.62	982.90			1877
REL					
1&2	12.43	387.44	521	512	500
	12.43	387.44			500
Cent Sect					
Share					3131
					3131

MS PG CL	Thermal	115.74	3569.10		5093
	Thml+Gas	130.93	4039.66		5713
	Hydro	21.56	591.41		1313
	Total	152.50	4631.07		7026
State Total		274.25	8089.18		14664

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 31/May/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	4661	832	640	6133	1331	652	930	3111	3682	-718	-707	12045	2028	12045	2426	16499	49.93
2	4638	517	647	5802	1334	717	991	2969	3669	-575	-603	11933	1893	11933	2220	16046	49.96
3	4672	152	649	5473	1338	676	1078	2849	3778	-428	-480	11885	1391	11885	2071	15347	50.04
4	4711	105	649	5465	1344	780	1094	2749	3561	-368	-387	11880	1476	11880	1978	15334	50.10
5	4904	115	653	5672	1344	791	1110	2693	3193	-310	-327	11806	1599	11806	1920	15325	50.04
6	4971	198	654	5823	1339	710	1163	2639	3507	-272	-321	12240	1743	12240	1933	15916	49.90
7	4964	342	658	5964	1346	770	1166	2933	3469	-407	-393	12322	1870	12322	1901	16093	50.03
8	4967	334	644	5945	1346	747	1138	2933	3806	-407	-366	12616	1870	12616	2012	16498	50.14
9	4865	598	636	6099	1332	683	1133	2940	3860	-407	-450	12657	1944	12731	2297	16898	50.03
10	4767	819	627	6213	1324	638	1128	3081	3871	-466	-497	12677	2017	12788	2721	17415	50.04
11	4773	953	623	6349	1312	588	1131	3331	4189	-646	-666	12903	2034	12903	3009	17946	49.94
12	4743	1251	618	6612	1305	554	1127	3387	4103	-712	-710	12991	2042	12991	3105	18138	49.91
13	4736	1389	619	6744	1300	499	1114	3428	4090	-734	-711	13036	2046	13036	3113	18195	49.82
14	4801	1510	617	6928	1302	490	1089	3443	4001	-717	-710	13100	2046	13100	3059	18205	49.86
15	4879	1690	615	7184	1298	571	1121	3454	3819	-734	-737	13256	1947	13256	3124	18327	49.81
16	4914	1769	620	7303	1303	602	1110	3411	3855	-767	-766	13407	1877	13407	3153	18437	49.80
17	4956	1730	621	7307	1312	713	1112	3372	3670	-734	-701	13413	1834	13413	3088	18335	50.00
18	4848	961	624	6433	1314	711	1124	3213	3484	-653	-623	12443	2113	12443	2981	17537	50.05
19	4836	428	626	5890	1311	660	1045	3040	3485	-558	-487	11904	3067	11904	2778	17749	49.99
20	4867	1142	624	6633	1309	558	1115	3127	3698	-619	-565	12748	3335	12748	2733	18816	49.81
21	4953	1483	632	7068	1318	512	1111	3196	3652	-690	-663	13010	3344	13010	2760	19114	49.90
22	4800	1280	633	6713	1317	568	1126	3234	3608	-728	-705	12654	3344	12654	2672	18670	49.81
23	4755	1039	632	6426	1317	564	1084	3287	3700	-781	-778	12317	3344	12317	2589	18250	49.79
24	4761	928	630	6319	1321	584	1125	3302	3753	-829	-823	12279	2994	12279	2587	17860	49.83
MUs	115.74	21.56	15.19	152.50	31.72	15.34	26.46	75.12	89.50	-14.26	-14.18	301.52	53.20	301.71	62.23	416.95	49.94

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 31/May/2011

Position as on 6.30 Hrs of 01/Jun/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect NTPC (V-1)	210	07/05/2011	00.46		Continued.	A/OH	19/06/2011
Cent_Sect NTPC(K-5)	500	10/05/2011	00.00		Continued.	Annual Overhaul	03/06/2011
Dabhol 1A	230	20/05/2011	13.22		Continued.	Rotor replacement.	20/07/2011
FORCED OUTAGE							
Dabhol 1X	290	20/05/2011	13.22		Continued.	Unit 1A and 1B out	06/06/2011
Dabhol 1B	230	21/05/2011	02.17		Continued.	High speed.	06/06/2011
Chandrapur Unit 1	210	30/05/2011	00.07	01/06/2011	02.44	for extension of boiler steaming validity.	
Khaparkheda Unit 2	210	30/05/2011	10.52		Continued.	Boiler tube leakage.	02/06/2011
Chandrapur Unit 3	210	30/05/2011	11.15	31/05/2011	03.48	Furnace pressure high.	
Cent_Sect TARAPUR-4	540	30/05/2011	20.00		Continued.	Survilence Test	14/06/2011
Bhusawal Unit 2	210	31/05/2011	08.41		Continued.	Boiler Tube Leakage	03/06/2011
CPP WPCL U-1	135	01/06/2011	02.54	01/06/2011	05.13	B phase CT Burst of Wardha-Warora Ckt-II at Warora end	
CPP WPCL U-3	135	01/06/2011	02.54		Continued.	B phase CT Burst of Wardha-Warora Ckt-II at Warora end	
CPP WPCL U-2	135	01/06/2011	02.54		Continued.	B phase CT Burst of Wardha-Warora Ckt-II at Warora end	
Paras Unit 4	250	01/06/2011	03.06	01/06/2011	06.19	Flame Failure	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 31/May/2011

Position as on 6.30 Hrs of 01/Jun/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Dhule-Sar'Sarovar - II	31/05/2011	06.40		Continued.	Testing work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - I	28/05/2011	00.44	31/05/2011	06.30	Over Voltage.
Kolhapur - Mapusa - I	30/05/2011	23.06	31/05/2011	08.58	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Nagothane-Dabhol-I	31/05/2011	07.54	31/05/2011	17.44	Cold washing of Insulator
400/220 KV 315 MVA ICT-II @ Kharghar	31/05/2011	09.27	31/05/2011	21.24	Erection and commissioning of CTR Fire Protection
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
Kharghar-Nerul	06/05/2011	09.32		Continued.	Dismantling and erection of towers(upto 04.06.2011)
Borivali-Mulund	17/05/2011	12.28		Continued.	Cable Termination work of 220KV Bhandup GIS Up to 10-06-2011.
220/132KV 100 MVA ICT-I @ Parbhani	21/05/2011	09.10		Continued.	Augmentation from 100 to 200 MVA
Nasik-Padgha	26/05/2011	08.32		Continued.	Dismantling of Existing 2 Towers & Restranging on New Tower
Jindal - Ghatghar	26/05/2011	09.05		Continued.	Dismantling of Existing 2 Towers & Restranging on New Tower
Dahanu-Ghodbandar-II	31/05/2011	06.13	31/05/2011	10:28	Replacement of vibration damper.
Wardha-Abhijeet II	31/05/2011	07.16	31/05/2011	20.03	Replacement of E/W
220/110KV 200MVA ICT at Miraj	31/05/2011	09.45	31/05/2011	14.00	Premansoon work
Nasik - Airoli - Knowledge Park	31/05/2011	10.00	31/05/2011	16.05	Measurement of Tand of CT
Halkarni -Tillary	31/05/2011	10.03	31/05/2011	18.04	Replacement of Insulators
Koradi-Butibori	31/05/2011	10.24	31/05/2011	16.12	Retrofitting of Dist.Prot.Scheme
Apta-Nagothane	31/05/2011	10.34	31/05/2011	18.36	Premansoon maint.work
Bhusawal-Chalisgaon-I	31/05/2011	16.03		Continued.	Replacement of Isolator
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Bhusawal - Jalgaon - I	18/05/2011	07.32		Continued.	Replacement of Isolator(Ckt.on TBC)
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Babaleshwar - Ranjangaon	22/05/2011	16.05	31/05/2011	06.55	To control BBLSR ICT loading.
Wardha-Abhijeet I	31/05/2011	17.59	31/05/2011	20.02	Replacement of E/W
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	30/05/2011	19.04	31/05/2011	06.56	Over Voltage.
Bhusawal- Aurangabad	31/05/2011	20.58		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Babaleshwar - Bhenda	12/05/2011	11.35		Continued.	To control BBLSR ICT Load
Chandrapur-Warora - I	19/05/2011	17.18	01/06/2011	04.26	To Control Loading of Warora-Wardha.
BBLSR-Waluj	25/05/2011	13.55		Continued.	To Control BBLSR ICT Loading.
Abhijeet-Wardha-I	26/05/2011	08.36		Continued.	To Control Koradi ICT Loading.
Hingoli-Pusad	31/05/2011	11.20		Continued.	To control Wardha-Y'Mal Line Loading

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 31/May/2011

Position as on 6.30 Hrs of 01/Jun/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
Voltage Level : 500KV			Outage Type TRIPPED		
HVDC Pole I Padgha	31/05/2011	03.50	31/05/2011	05.52	DC line fault.
HVDC Pole I Padgha	31/05/2011	06.07	31/05/2011	20.21	DC line fault.
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)
Gangapur-Valve	13/05/2011	12.34		Continued.	Tower Bent @ Loc. No.10C,7,8,9,10,11.
Uran-Kharghar-I	01/06/2011	02.27		Continued.	Distance Protection
Wardha Power - Warora-I	01/06/2011	02.54	01/06/2011	03.15	Tripped due to Jerk(CT Burst of Wardha-Warora-II)
Wardha Power - Warora - II	01/06/2011	02.54		Continued.	B phase CT Burst at Warora end

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 01/Jun/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	170
Unit 6	210	170
Unit 7	210	170
	620	510
Bhusawal		
Unit 2	210	0
Unit 3	210	185
Unit 4	0	
	420	185
Parli		
Unit 3	210	130
Unit 4	210	143
Unit 5	210	170
Unit 6	250	180
Unit 7	250	105
	1130	728
Chandrapur		
Unit 1	210	50
Unit 2	210	155
Unit 3	210	200
Unit 4	210	180
Unit 5	500	430
Unit 6	500	425
Unit 7	500	425
	2340	1865
Paras		
Unit 3	250	210
Unit 4	250	0
	500	210
Khaparkheda		
Unit 1	210	195
Unit 2	210	0
Unit 3	210	162
Unit 4	210	198
Unit 5	0	
	840	555
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	160
Unit 4	210	170
Unit 5	210	200
	870	710
Uran		
All Units	852	620
	852	620
Dabhol		
RGPP	1940	1250
	1940	1250
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	18

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	0
TILLARI	60	0
BHTGR/VEER	21	3
BHIRA T.R.	80	80
RNGR+BHTSA	20	12
BHANDARDRA	45	19
ELDARY	23	0
SMLHY PTN	12	9
GHATGHAR	250	0
	611	141
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	750
WARDHA	405	330
Other CPPs	0	
	1005	1080
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	3237
	3455	3237