



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

State Load Dispatch Center, Airoli

Daily system Report

for

24/May/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 24/May/2011 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	108.679	2764.131	1) Madhya Pradesh	63.593	1474.256
2) Hydro	33.824	440.661	2) Gujrat	28.695	705.151
3) Gas	15.125	364.541	3) Goa	-7.593	-166.417
Total MSGENCO	157.628	3569.333	4) TAPS 1&2 (Inj.)	7.744	180.722
B) OTHERS			5) Pench (Excess)	-0.219	-3.253
1) RGPPL Gas	31.745	841.374	# Total Cent. Sector	92.220	2190.459
2) Wind Generation	13.177	301.957	F) Other Exchanges		
3) CPP	19.767	498.923	1) With TPCL (Excess)	-13.175	-270.853
4) PENCH (MS)	0.219	3.437	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	15.009	335.134
1) TPCL Thermal	28.576	665.557	Include PX	0.000	20.428
2) TPCL Hydro	5.205	87.242	2) MUMBAI Bilateral	14.018	290.703
TOTAL TPCL	33.781	752.799	Include PX	0.650	-15.330
3) REL Thermal	12.514	300.097	3) MUMBAI Schedule	14.018	290.703
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	149.769	3729.785	1) MSEDCL	301.581	7134.630
2) Hydro (A2+B3+C2)	39.248	531.340	2) TPCL	39.267	872.265
3) Gas (A3+B1)	46.870	1205.915	3) REL	20.199	451.418
4) Wind (B2)	13.177	301.957	TOTAL STATE	361.047	8458.313
5) CPP (B3)	19.767	498.923			
TOTAL STATE	268.831	6267.920			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4612	4644	4402
MSGENCO Hydro	1894	1489	844
MSGENCO Gas	620	620	649
MSGENCO Total Generation	7126	6753	5895
Central Sector Receipt	4366	3730	3606
RGPPL	1304	1315	1339
WIND	379	806	666
CPP	839	799	838
Exchange with Mumbai	-707	-561	-354
MSEDCL DEMAND MET	13332	12845	11992
Load Shedding (LS)	468	0	0
MSEDCL DEMAND (INCL. LS)	13800	12845	11992
TPCL GENERATION	1760	1542	1076
REL GENERATION	521	522	521
TPCL+REL DEMAND	2988	2625	1951
STATE DEMAND MET	16320	15470	13943
Load Management (LM)	2245	3630	1493
Total Load Relief (LS+LM)	2713	3630	1493
UNRESTRICTED STATE DEMAND	19033	19100	15436
Frequency (Hz)	49.78	49.74	49.89

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06:07 Hrs	49.22 Hz at 00:07 Hrs	49.79	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 24/May/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.22	97.63	180	170	175
Unit 6	4.40	104.70	195	167	180
Unit 7	4.20	103.39	180	170	180
	12.82	305.72			535
Bhusawal					
Unit 2	3.29	70.97	140	130	145
Unit 3	4.28	96.88	185	160	185
Unit 4	0.00	0.00	0	0	0
	7.57	167.85			330
Parli					
Unit 3	1.55	70.70	143	0	0
Unit 4	3.62	74.08	166	112	160
Unit 5	4.03	68.17	180	135	180
Unit 6	2.58	97.07	210	65	150
Unit 7	2.04	89.32	122	62	120
	13.80	399.34			610
Chandrapur					
Unit 1	3.17	81.92	155	116	140
Unit 2	2.82	65.41	138	83	120
Unit 3	4.45	99.58	200	129	200
Unit 4	4.31	93.00	194	161	185
Unit 5	9.89	217.21	460	265	430
Unit 6	9.31	208.78	435	335	400
Unit 7	10.48	228.13	470	383	450
	44.45	994.03			1925
Paras					
Unit 3	0.00	96.64	0	0	0
Unit 4	0.00	74.81	0	0	0
	0.00	171.45			0
Khaparkheda					
Unit 1	4.50	104.29	200	140	200
Unit 2	4.49	107.01	192	176	190
Unit 3	1.42	1.42	138	0	0
Unit 4	5.22	124.36	224	190	210
Unit 5	0.00	0.00	0	0	0
	15.62	337.08			600
Nasik					
Unit 1	1.84	45.97	86	65	90
Unit 2	0.00	36.40	0	0	0
Unit 3	4.23	103.50	190	150	190
Unit 4	4.54	102.08	205	155	170
Unit 5	3.81	100.71	178	143	180
	14.42	388.66			630
Uran					
All Units	15.12	364.54	650	606	620
	15.12	364.54			620
Dabhol					
RGPPL	31.74	841.37	1349	1301	1250
	31.74	841.37			1250
Koyna					
Stage 1-2	7.00	109.27	575	40	600
Stage 4	18.90	191.25	1119	0	250
Stage 3	5.53	65.88	240	78	240
	31.43	366.40			1090
Kovna 12&4 Total	25.90	300.52			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.38	7.95	16	16	18
VTRNA	0.00	0.00	0	0	0
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.10	5.49	5	4	9
BHIRA T.R.	0.26	4.37	82	0	80
RNGR+BHTSA	0.29	7.40	13	12	12
BHANDARDRA	0.48	16.28	21	20	19
ELDARY	0.00	5.29	0	0	0
SMLHY PTN	0.85	19.63	43	32	10
GHATGHAR	0.02	7.85	21	0	0
	2.39	74.26			148
PENCH (MS)					
Pench (MS)	0.22	3.44	25	0	0
	0.22	3.44			0
Wind					
MalharPeth	0.35	7.45			
Vankuswadi	0.96	19.82			
ATIT	0.13	3.82			
Kale	0.37	7.01			
Satara	1.50	14.91			
Shirala	0.32	7.15			
K Mahankal	0.03	11.66			
Supa	0.12	3.87			
Vita	1.17	31.11			
Dondaicha	5.38	123.74			
Sakri	1.06	21.76			
Nandurbar	0.87	16.68			
Khandke	0.31	16.66			
Khaparale	0.60	16.31			
	13.18	301.96			
CPP					
JSW JAIGAD	7.09	201.99	300	275	275
WARDHA	7.70	184.76	343	265	330
Other CPPs	4.98	111.87			
	19.77	498.62			605
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.76	277.85	490	490	500
Trombay 6	6.88	148.28	420	150	500
Trombay 7A	2.84	68.82	121	116	120
Trombay 7B	1.58	37.97	67	65	60
Trombay 8	5.52	132.64	250	150	250
TATA Hydro	5.20	87.24	459	0	447
	33.78	752.80			1877
REL					
1&2	12.51	300.10	526	518	500
	12.51	300.10			500
Cent Sect					
Share					3198
					3198

MS PG CL	Thermal	108.68	2764.13		4630
	Thml+Gas	123.80	3128.67		5250
	Hydro	33.82	440.66		1238
	Total	157.63	3569.33		6488
State Total		268.83	6267.92		13918

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/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	4214	1475	646	6335	1330	631	834	3049	3563	-654	-623	12095	2159	12095	2308	16562	49.62
2	4261	1412	646	6319	1340	679	841	2909	3474	-491	-485	12193	2045	12193	2103	16341	49.71
3	4402	844	649	5895	1339	666	838	2905	3606	-368	-354	11992	1493	11992	1951	15436	49.89
4	4425	769	650	5844	1338	789	837	2807	3526	-312	-278	12056	1568	12056	1874	15498	49.89
5	4463	687	640	5790	1339	663	840	2741	3443	-269	-234	11841	1771	11908	1831	15443	49.84
6	4465	1154	642	6261	1342	672	840	2683	3396	-240	-215	12296	2110	12524	1842	16248	49.86
7	4485	907	649	6041	1349	597	820	3052	3557	-388	-343	12021	2574	12566	1847	16442	50.00
8	4574	1110	642	6326	1341	516	803	3052	3539	-373	-350	12175	2612	12758	1923	16710	49.96
9	4588	1380	636	6604	1324	453	839	3052	3510	-418	-406	12324	2528	12823	2218	17070	49.85
10	4513	1254	628	6395	1318	369	829	3250	4447	-506	-536	12822	2470	13192	2619	17911	49.89
11	4497	1456	627	6580	1315	430	836	3504	4762	-650	-685	13241	2643	13631	2899	18783	49.89
12	4612	1894	620	7126	1304	379	839	3544	4366	-714	-707	13332	2713	13800	2988	19033	49.78
13	4584	1821	620	7025	1301	317	849	3563	4322	-714	-696	13143	2560	13455	2967	18670	49.80
14	4580	1747	617	6944	1315	302	843	3530	4452	-681	-663	13205	2358	13315	2931	18494	49.82
15	4587	1876	606	7069	1315	356	839	3507	4470	-692	-737	13312	2402	13565	3012	18726	49.65
16	4617	1864	613	7094	1315	516	830	3433	4300	-719	-760	13295	2565	13788	3043	18903	49.66
17	4667	1727	617	7011	1315	636	830	3395	4220	-687	-718	13294	2418	13650	2994	18706	49.86
18	4758	1023	617	6398	1315	825	843	3247	3764	-627	-623	12522	2392	12560	2884	17798	49.81
19	4774	385	623	5782	1315	766	766	3169	3736	-623	-579	11786	3347	11786	2736	17869	49.93
20	4644	1489	620	6753	1315	806	799	3236	3730	-966	-561	12845	3630	12845	2625	19100	49.74
21	4583	1912	628	7123	1315	656	776	3283	3431	-659	-585	12740	3622	12740	2558	18920	49.70
22	4565	1990	634	7189	1315	536	790	3331	3473	-707	-617	12711	3616	12711	2481	18808	49.65
23	4456	1827	627	6910	1315	330	789	3375	3645	-755	-699	12315	3611	12315	2430	18356	49.63
24	4365	1821	628	6814	1315	287	817	3354	3488	-804	-721	12025	3205	12025	2406	17636	49.59
MUs	108.68	33.82	15.12	157.63	31.74	13.18	19.77	76.97	92.22	-14.02	-13.18	301.58	62.41	306.29	59.47	423.46	49.79

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 24/May/2011

Position as on 6.30 Hrs of 25/May/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Khaparkheda Unit 3	210	25/04/2011	02.51	24/05/2011	07.01	Annual overhaul.	
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
Koyna Unit 10	80	13/05/2011	00.00		Continued.	Annual Overhaul	27/05/2011
Dabhol 1A	230	20/05/2011	13.22		Continued.	Rotor replacement.	20/07/2011
Koyna Unit 11	80	24/05/2011	23.00	25/05/2011	00.05	U-10 Drafter Gate opened	
Koyna Unit 12	80	24/05/2011	23.25	25/05/2011	00.10	U-10 Drafter Gate opened	
Koyna Unit 9	80	24/05/2011	23.30	25/05/2011	00.15	U-10 Drafter Gate opened	
FORCED OUTAGE							
Cent_Sect NTPC(K-7)	500	11/05/2011	01.15		Continued.	Fire in GT	27/05/2011
CPP JSW (J) U1	300	12/05/2011	00.24		Continued.	Annual Overhaul.	27/05/2011
Paras Unit 4	250	17/05/2011	04.50		Continued.	Performance guarantee test for 10 days .	28/05/2011
Dabhol 1X	290	20/05/2011	13.22		Continued.	Unit 1A and 1B out	
Dabhol 1B	230	21/05/2011	02.17		Continued.	High speed.	
Parli Unit 3	210	21/05/2011	22.21	24/05/2011	07.20	Turbine first up.	
Cent_Sect NTPC(V) 9	500	22/05/2011	10.00	24/05/2011	06.57	Boiler tube leakage.	
Koyna ST - IV 3	250	22/05/2011	14.23	24/05/2011	03.09	T/F D/C fault.	
Paras Unit 3	250	23/05/2011	10.24		Continued.	Boiler tube leakage.	25/05/2011
CPP WPCL U-4	135	23/05/2011	15:28		Continued.	TRIPPED.	
Nasik Unit 2	125	23/05/2011	22.25		Continued.	Boiler tube leakage.	25/05/2011
Koyna ST - IV 4	250	24/05/2011	02.20	24/05/2011	03.09	Replacement of card from Unit-4 to Unit-3	
Parli Unit 3	210	24/05/2011	07.30	24/05/2011	10.21	Low Vaccume	
Cent_Sect sipat-5	500	25/05/2011	02.55	25/05/2011	05.26	Low Vaccume	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 24/May/2011

Position as on 6.30 Hrs of 25/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - I	20/05/2011	00.05	24/05/2011	06.35	Over Voltage.
Kolhapur - Mapusa - I	23/05/2011	09.58	24/05/2011	08.11	CT and CVT connection tightening and Maint.work
Dhule-Sar'Sarovar - II	24/05/2011	02.05		Continued.	Over Voltage.
Koradi-Satpur	25/05/2011	01.56		Continued.	Compressor Air Leakage(Line taken on TBC)
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Dabhol - New Koyna - I	24/05/2011	08.06	24/05/2011	18.24	Cold washing of Insulator
Lonikand-Karad	24/05/2011	08.13	24/05/2011	17.54	Restranging of Loose overhead E/W
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)
Padgha - Kalwa	10/05/2011	09.30		Continued.	System strenghtening work.
Temghar-Colourchem	10/05/2011	10.30		Continued.	Bunching of arrangement.
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.	Augumentation from 100 to 200 MVA
220/132 KV 150 MVA T/F @ Boiser	22/05/2011	22.57	24/05/2011	21.09	Oil filtration work.
Pophali - KDPH	23/05/2011	13.20		Continued.	MOCB overhauling work at KDPH upto 28/05.2011.
Phursungi - Theur	24/05/2011	08.32	24/05/2011	18.50	E/W stringing work
Nasik-Bablsr - II	24/05/2011	09.12	24/05/2011	13.07	Y phase CT Oil Leakage
Mudshingi-Wathar	24/05/2011	10.00	24/05/2011	12.16	Tan delta measurement
Kandalgaon - ONGC	24/05/2011	10.05	24/05/2011	13.15	Repair of bus side Isolator
Peth-Nigde	24/05/2011	10.35	24/05/2011	14.50	Q.M.Work
220/132 KV 200 MVA ICT @ Ambazari	24/05/2011	10.48	24/05/2011	13.29	For Alingement of Bus-III Isolator
Mudshingi - Peth	24/05/2011	14.58	24/05/2011	17.20	Tan Delta measurement
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Bhusawal - Jalgaon - I	18/05/2011	07.32		Continued.	Replacement of Isolator(Ckt.on TBC)
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220KV 105MVA Spare ICT @ Parly-II	22/04/2011	13.50		Continued.	To remove trip coil assembly for bus coupler.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Babaleshwar - Ranjangaon	22/05/2011	16.05		Continued.	To control BBLSR ICT loading.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	23/05/2011	22.47	24/05/2011	04.33	Over Voltage.
Bhusawal- Aurangabad	24/05/2011	21.29		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Abhijeet II	05/05/2011	16.51		Continued.	To Control Koradi ICT Load.
Aurangabad -	07/05/2011	07.32		Continued.	To control A'bad ICT loading.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/May/2011

Position as on 6.30 Hrs of 25/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Babaleshwar					
Babaleshwar - Bhenda	12/05/2011	11.35		Continued.	To control BBLSR ICT Load
Abhijeet-Wardha-I	16/05/2011	11.38		Continued.	To control Koradi ICT loading.
Hingoli-Pusad	21/05/2011	16.26		Continued.	To control Wardha-Y'mal L/L.
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	23/05/2011	04.11	24/05/2011	07.27	Line fault 57.7 KM from Padgha end.
HVDC Pole I Padgha	25/05/2011	05.59		Continued.	Distance Protection
Voltage Level : 400KV			Outage Type TRIPPED		
Lonikand - Parli - II	25/05/2011	02.01		Continued.	B phase CVT Fail at Lonikand end
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.
Raymond-Washala	24/05/2011	05.30	24/05/2011	06.10	Line fault Y ph. to neutral.
Chinchwad - Parvati	25/05/2011	01.28		Continued.	Distance Protection (Declared Faulty)
Voltage Level : 132KV			Outage Type TRIPPED		
Hingna-Mankapur-I	23/05/2011	22.07	24/05/2011	00.51	Coupling Condensor Burst
Chalisgaon - Dhule	24/05/2011	11.29	24/05/2011	11.48	Distance Protection

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 25/May/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	175
Unit 6	210	180
Unit 7	210	175
	620	530
Bhusawal		
Unit 2	210	145
Unit 3	210	190
Unit 4	0	
	420	335
Parli		
Unit 3	210	150
Unit 4	210	168
Unit 5	210	180
Unit 6	250	60
Unit 7	250	93
	1130	651
Chandrapur		
Unit 1	210	135
Unit 2	210	100
Unit 3	210	200
Unit 4	210	180
Unit 5	500	360
Unit 6	500	400
Unit 7	500	425
	2340	1800
Paras		
Unit 3	250	0
Unit 4	250	0
	500	0
Khaparkheda		
Unit 1	210	189
Unit 2	210	181
Unit 3	210	118
Unit 4	210	191
Unit 5	0	
	840	679
Nasik		
Unit 1	120	81
Unit 2	120	0
Unit 3	210	172
Unit 4	210	182
Unit 5	210	157
	870	592
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	240
	1920	1090
Hydro		
KDPH	40	16

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	0
TILLARI	60	0
BHTGR/VEER	21	4
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	20
ELDARY	23	0
SMLHY PTN	12	11
GHATGHAR	250	0
	611	144
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	275
WARDHA	405	330
Other CPPs	0	
	1005	605
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	3236
	3455	3236