



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

State Load Dispatch Center, Airoli

Daily system Report

for

19/May/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 19/May/2011 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	110.061	2195.328	1) Madhya Pradesh	67.686	1157.791
2) Hydro	20.526	352.785	2) Gujrat	31.892	561.148
3) Gas	15.404	291.045	3) Goa	-7.258	-130.310
Total MSGENCO	145.991	2839.158	4) TAPS 1&2 (Inj.)	7.871	141.848
B) OTHERS			5) Pench (Excess)	-0.150	-2.771
1) RGPPL Gas	34.366	682.944	# Total Cent. Sector	100.041	1727.706
2) Wind Generation	15.455	215.680	F) Other Exchanges		
3) CPP	11.944	404.325	1) With TPCL (Excess)	-10.780	-211.465
4) PENCH (MS)	0.150	2.955	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	16.984	258.235
1) TPCL Thermal	29.310	526.325	Include PX	10.379	15.865
2) TPCL Hydro	4.987	67.895	2) MUMBAI Bilateral	12.213	231.165
TOTAL TPCL	34.297	594.220	Include PX	-0.811	-11.782
3) REL Thermal	12.522	237.433	3) MUMBAI Schedule	12.213	231.165
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	151.893	2959.086	1) MSEDCL	297.167	5661.303
2) Hydro (A2+B3+C2)	25.663	423.635	2) TPCL	38.142	687.759
3) Gas (A3+B1)	49.770	973.989	3) REL	19.454	355.312
4) Wind (B2)	15.455	215.680	TOTAL STATE	354.763	6704.374
5) CPP (B3)	11.944	404.325			
TOTAL STATE	254.725	4976.715			

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	4613	4521	4474
MSGENCO Hydro	1847	1067	112
MSGENCO Gas	629	636	657
MSGENCO Total Generation	7089	6224	5243
Central Sector Receipt	4258	4103	4281
RGPPL	1270	1272	1633
WIND	483	811	603
CPP	511	505	521
Exchange with Mumbai	-605	-524	-205
MSEDCL DEMAND MET	13006	12400	12076
Load Shedding (LS)	265	32	0
MSEDCL DEMAND (INCL. LS)	13271	12432	12076
TPCL GENERATION	1799	1589	1077
REL GENERATION	522	520	522
TPCL+REL DEMAND	2926	2633	1804
STATE DEMAND MET	15932	15033	13880
Load Management (LM)	2247	3446	1485
Total Load Relief (LS+LM)	2512	3478	1485
UNRESTRICTED STATE DEMAND	18444	18511	15365
Frequency (Hz)	49.95	49.73	50.21

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.41 Hz at 18.02 Hrs	49.29 Hz at 21.11 Hrs	49.95	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 19/May/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.04	76.51	179	149	180
Unit 6	4.37	82.30	190	168	180
Unit 7	4.14	82.02	185	150	170
	12.55	240.83			530
Bhusawal					
Unit 2	3.38	54.20	150	130	145
Unit 3	4.41	75.16	190	170	200
Unit 4		0.00	0	0	
	7.78	129.36			345
Parli					
Unit 3	2.10	64.04	100	74	100
Unit 4	2.87	57.90	152	106	120
Unit 5	3.18	48.54	149	120	120
Unit 6	5.20	74.97	237	200	220
Unit 7	0.00	76.15	0	0	0
	13.35	321.61			560
Chandrapur					
Unit 1	3.77	65.61	170	136	165
Unit 2	3.41	50.30	163	116	155
Unit 3	4.34	78.22	196	135	200
Unit 4	3.89	73.97	186	105	180
Unit 5	8.98	169.21	420	315	325
Unit 6	8.58	163.36	405	300	400
Unit 7	9.48	175.51	438	305	350
	42.44	776.17			1775
Paras					
Unit 3	5.16	79.02	222	204	210
Unit 4	0.00	74.81	0	0	0
	5.16	153.82			210
Khaparkheda					
Unit 1	4.18	81.62	200	155	180
Unit 2	4.37	84.78	192	170	200
Unit 3	0.00	0.00	0	0	0
Unit 4	5.19	98.07	222	203	210
Unit 5		0.00	0	0	
	13.74	264.46			590
Nasik					
Unit 1	2.12	35.98	95	79	95
Unit 2	0.00	30.60	0	0	0
Unit 3	4.22	81.82	190	150	195
Unit 4	4.63	80.10	200	187	190
Unit 5	4.07	80.57	191	137	190
	15.04	309.08			670
Uran					
All Units	15.40	291.04	663	625	620
	15.40	291.04			620
Dabhol					
RGPPL	34.37	682.94	1637	1260	1500
	34.37	682.94			1500
Koyna					
Stage 1-2	4.76	87.93	510	40	530
Stage 4	10.25	149.11	1113	0	250
Stage 3	3.11	52.56	240	0	240
	18.12	289.60			1020
Kovna 12&4 Total	15.01	237.04			780

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	6.53	0	0	0
VTRNA	0.00	0.00	0	0	0
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.27	4.37	12	11	12
BHIRA T.R.	0.27	3.33	77	0	80
RNGR+BHTSA	0.29	5.98	12	12	12
BHANDARDRA	0.52	13.79	22	21	24
ELDARY	0.00	5.29	0	0	
SMLHY PTN	0.75	16.21	39	28	10
GHATGHAR	0.31	7.69	125	0	
	2.40	63.18			138
PENCH (MS)					
Pench (MS)	0.15	2.96	27	0	
	0.15	2.96			
Wind					
MalharPeth	0.49	4.86			
Vankuswadi	1.12	12.33			
ATIT	0.16	2.41			
Kale	0.40	4.67			
Satara	0.37	8.99			
Shirala	0.44	4.91			
K Mahankal	1.02	7.31			
Supa	0.18	2.50			
Vita	1.62	18.38			
Dondaicha	5.59	96.79			
Sakri	1.15	16.12			
Nandurbar	0.93	13.04			
Khandke	0.77	11.66			
Khaparale	1.20	11.72			
	15.46	215.68			
CPP					
JSW JAIGAD	0.00	170.32	0	0	0
WARDHA	7.31	144.47	331	244	330
Other CPPs	4.63	89.23			
	11.94	404.02			330
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.74	219.27	490	470	500
Trombay 6	7.41	117.14	450	150	500
Trombay 7A	2.88	54.53	122	118	120
Trombay 7B	1.59	30.03	67	65	60
Trombay 8	5.70	105.35	250	150	250
TATA Hydro	4.99	67.90	471	0	447
	34.30	594.22			1877
REL					
1&2	12.52	237.43	524	520	500
	12.52	237.43			500
Cent Sect					
Share					3676
					3676

MS PG CL	Thermal	110.06	2195.33			4680
	Thml+Gas	125.46	2486.37			5300
	Hydro	20.53	352.78			1158
	Total	145.99	2839.16			6458
State Total		254.72	4976.72			14341

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 19/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	4498	257	651	5406	1616	560	502	3411	4680	-603	-523	12266	2129	12266	2185	16580	49.90
2	4505	132	653	5290	1625	588	506	3241	4685	-432	-407	12302	1989	12302	2005	16296	50.10
3	4465	122	658	5245	1626	677	520	3102	4338	-294	-291	12115	1433	12115	1892	15440	50.10
4	4474	112	657	5243	1633	603	521	3040	4281	-234	-205	12076	1485	12076	1804	15365	50.21
5	4468	112	653	5233	1631	638	506	3040	4273	-219	-141	12140	1575	12140	1743	15458	50.09
6	4566	415	653	5634	1635	522	492	3040	4186	-194	-152	12317	1804	12386	1785	15906	50.02
7	4697	117	650	5464	1636	469	456	3438	4671	-340	-260	12436	2249	12698	1760	16445	50.02
8	4673	119	663	5455	1637	477	472	3438	4410	-340	-294	12157	2241	12411	1875	16273	50.12
9	4638	527	641	5806	1628	452	490	3464	4440	-402	-354	12462	2146	12621	2167	16775	49.95
10	4600	963	641	6204	1623	396	458	3692	4295	-437	-429	12547	2215	12669	2553	17315	50.04
11	4580	1086	625	6291	1535	365	460	3894	4594	-569	-585	12660	2461	12829	2834	17955	49.93
12	4613	1847	629	7089	1270	483	511	3894	4258	-629	-605	13006	2512	13271	2926	18444	49.95
13	4623	1937	633	7193	1268	621	514	3886	3675	-645	-568	12703	2553	13012	2929	18185	49.87
14	4632	1711	630	6973	1264	658	516	3827	3963	-618	-539	12835	2621	13212	2839	18295	49.91
15	4596	1893	632	7121	1260	784	514	3781	3802	-651	-608	12873	2302	13148	2903	18078	49.77
16	4608	1869	629	7106	1264	845	521	3797	3991	-667	-616	13111	2073	13230	2901	18085	49.85
17	4533	1332	631	6496	1272	832	521	3760	4277	-640	-554	12844	2045	12980	2871	17760	50.06
18	4589	615	635	5839	1273	879	474	3679	3823	-553	-465	11823	2315	11929	2773	16911	50.10
19	4541	371	638	5550	1274	926	438	3524	3669	-529	-443	11414	3198	11429	2617	17229	50.04
20	4521	1067	636	6224	1272	811	505	3626	4103	-614	-524	12400	3478	12432	2633	18511	49.73
21	4559	1349	636	6544	1274	845	522	3679	3750	-663	-579	12383	3467	12399	2552	18402	49.70
22	4663	976	643	6282	1280	737	487	3694	4020	-685	-581	12250	3448	12250	2424	18122	49.84
23	4704	744	648	6096	1282	660	492	3616	4045	-609	-519	12080	3448	12080	2337	17865	49.87
24	4715	853	639	6207	1288	627	546	3544	3811	-648	-538	11966	3061	11966	2291	17318	49.73
MUs	110.06	20.53	15.40	145.99	34.37	15.46	11.94	85.11	100.04	-12.21	-10.78	297.17	58.25	299.85	57.60	413.01	49.95

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 19/May/2011

Position as on 6.30 Hrs of 20/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		Continued.	Annual overhaul.	25/05/2011
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
CPP JSW (J) U1	300	12/05/2011	00.24		Continued.	Annual Overhaul.	27/05/2011
Koyna Unit 10	80	13/05/2011	00.00		Continued.	Annual Overhaul	25/05/2011
FORCED OUTAGE							
Cent_Sect NTPC(K-7)	500	11/05/2011	01.15		Continued.	Fire in GT	21/05/2011
Nasik Unit 2	125	16/05/2011	12.05	20/05/2011	05.08	Boiler Tube leakage.	
CPP JSW (J) U2	300	16/05/2011	19.40		Continued.	Tripping of new koyna Jaigad lines I and II.	21/05/2011
Paras Unit 4	250	17/05/2011	04.50		Continued.	Performance guarantee test for 10 days .	28/05/2011
Koyna Unit 1	75	18/05/2011	08.20		Continued.	To attend Heavy Oil Leakage	20/05/2011
Parli Unit 7	250	18/05/2011	10.11		Continued.	Furnance Pressure High	20/05/2011
Dabhol 1B	230	18/05/2011	14.00		Continued.	Gas Leakage.	21/05/2011
Dabhol 2A	230	19/05/2011	10.28	19/05/2011	23.44	Heavy Leakage in Main Steam Line.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 19/May/2011

Position as on 6.30 Hrs of 20/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Koradi-Bhilai	19/05/2011	06.43	19/05/2011	18.30	Maint.Work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - I	20/05/2011	00.05		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Sar'Sarovar - II	17/05/2011	17.23	19/05/2011	09.49	Trip command received from Thyristor monitoring relay
Wardha - Akola - I	19/05/2011	17.12	19/05/2011	17.19	Tripped @ Wardha End Only.
Wardha - Akola - II	19/05/2011	17.12	19/05/2011	17.28	Tripped @ Wardha End Only.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 500 MVA ICT-I @ Jejuri	19/05/2011	08.46	19/05/2011	16.17	Testing Work.
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.
220/6.6 KV,40 MVA Stn.T/F-III at Khaparkheda	10/05/2011	16.16		Continued.	Overhauling Work.
Borivali-Mulund	17/05/2011	12.28		Continued.	Cable Termination work of 220KV Bhandup GIS Up to 10-06-2011.
Girwali - Parbhani	19/05/2011	08.12	19/05/2011	17.12	400KV Stringing Work of PGCIL Wardha-Parly D/C Line Crossing @ Loc No.337/338
Chandrapur-Wani	19/05/2011	08.24	19/05/2011	17.16	Replacement of Faulty Disc Insulator of B Ph.@ Loc No.104.
Main Bus @ Alephata	19/05/2011	09.00	19/05/2011	18.53	Maintenance Work.
Talangade-Mumewadi-II	19/05/2011	09.21	19/05/2011	17.57	Replacement of Hardware.
Chandrapur - Rly TSS - II	19/05/2011	09.35	19/05/2011	15.21	Attending Hot Spot on 29A,20B Isolator Routine Maintainance Work.
Talangade-Mudshingi-II	19/05/2011	09.45	19/05/2011	13.50	Q.M.Work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Mehkar - Malegaon	17/05/2011	10.10		Continued.	Repl.of LA OLD RCC Structure
Bhusawal - Jalgaon - I	18/05/2011	07.32		Continued.	Replacement of Isolator
Jalgaon - Dhrangaon	18/05/2011	08.50		Continued.	Replacement of Bus Isolator
Dahanu - MIDC - II	19/05/2011	10.00	19/05/2011	14.45	Replacement of E/W.
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 : 400KV			Outage Type HAND TRIPPED		
Dabhol-Nagothne	19/05/2011	19.56	19/05/2011	20.17	To Close Isolator @ Dabhol End.
Bhusawal- Aurangabad	19/05/2011	21.02	20/05/2011	06.09	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Khaperkheda - Wardha.	02/05/2011	19.15	19/05/2011	16.11	To control Koradi ICT loading.
Wardha-Abhijeet II	05/05/2011	16.51		Continued.	To Control Koradi ICT Load.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 19/May/2011

Position as on 6.30 Hrs of 20/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Aurangabad - Babaleshwar	07/05/2011	07.32		Continued.	To control A'bad ICT loading.
Babaleshwar - Bhenda	12/05/2011	11.35		Continued.	To control BBLSR ICT Load
Chandrapur-Warora - I	14/05/2011	18.16	19/05/2011	08.20	To Control 220KV Warora-Hinganghat ckt Loading
Abhijeet-Wardha-I	16/05/2011	11.38		Continued.	To control Koradi ICT loading.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
Voltage Level : 400KV			Outage Type TRIPPED		
Dabhol - Nagothane - I	17/05/2011	21.39	19/05/2011	17.53	Distance Protection,(declared fauly)Charged from Nagothana End.
New Koyna - Jaigad - II	19/05/2011	00.53	19/05/2011	19.23	Distance Protection
Newkoyna - Jaigad - I	19/05/2011	01.38	19/05/2011	02.29	Distance Protection
Newkoyna - Jaigad - I	19/05/2011	03.17	19/05/2011	19.06	Distance Protection
Chandrapur - Parli - I	19/05/2011	16.05	19/05/2011	16.33	Distance Protection.R Ph.
New Koyna - Jaigad - II	20/05/2011	04.41	20/05/2011	05.08	Distance Protection.
Dabhol - Nagothane - I	20/05/2011	05.16		Continued.	Distance Protection.
Dabhol - New Koyna - I	20/05/2011	06.00		Continued.	Distance Protection.
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.
Warora-Wardha	19/05/2011	08.58	19/05/2011	09.18	Distance Protection.
Karad-Pedambe	19/05/2011	15.42	19/05/2011	16.02	Distance Protection.
220/66KV 150 MVA ICT- II @ Gadchandur	19/05/2011	21.40	19/05/2011	21.43	Over Current B Ph Alongwith 66KV Sicom-I(Tripped on Backup E/F).

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 20/May/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	170
Unit 6	210	180
Unit 7	210	175
	620	525
Bhusawal		
Unit 2	210	145
Unit 3	210	190
Unit 4	0	0
	420	335
Parli		
Unit 3	210	80
Unit 4	210	130
Unit 5	210	150
Unit 6	250	250
Unit 7	250	0
	1130	610
Chandrapur		
Unit 1	210	130
Unit 2	210	120
Unit 3	210	200
Unit 4	210	180
Unit 5	500	410
Unit 6	500	425
Unit 7	500	430
	2340	1895
Paras		
Unit 3	250	230
Unit 4	250	0
	500	230
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	0
Unit 4	210	210
Unit 5	0	0
	840	610
Nasik		
Unit 1	120	81
Unit 2	120	30
Unit 3	210	172
Unit 4	210	182
Unit 5	210	182
	870	647
Uran		
All Units	852	620
	852	620
Dabhol		
RGPP	1940	1560
	1940	1560
Koyna		
Stage 1-2	600	530
Stage 4	1000	250
Stage 3	320	240
	1920	1020
Hydro		
KDPH	40	0

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	0
TILLARI	60	0
BHTGR/VEER	21	12
BHIRA T.R.	80	80
RNGR+BHTSA	20	10
BHANDARDRA	45	23
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	135
PENCH (MS)		
Pench (MS)	53	0
	53	0
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	0
WARDHA	405	260
Other CPPs	0	
	1005	260
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	110
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1867
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3393
	3455	3393