



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

State Load Dispatch Center, Airoli

Daily system Report

for

18/May/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 18/May/2011 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	109.976	2085.267	1) Madhya Pradesh	58.820	1090.105
2) Hydro	27.351	332.259	2) Gujrat	31.755	529.256
3) Gas	15.258	275.641	3) Goa	-7.375	-123.052
Total MSGENCO	152.585	2693.167	4) TAPS 1&2 (Inj.)	7.858	133.977
B) OTHERS			5) Pench (Excess)	-0.180	-2.621
1) RGPPL Gas	41.054	648.578	# Total Cent. Sector	90.878	1627.665
2) Wind Generation	11.300	200.225	F) Other Exchanges		
3) CPP	11.849	392.381	1) With TPCL (Excess)	-10.919	-200.685
4) PENCH (MS)	0.180	2.805	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	12.067	239.955
1) TPCL Thermal	29.163	497.015	Include PX	5.486	5.486
2) TPCL Hydro	5.029	62.908	2) MUMBAI Bilateral	11.881	218.951
TOTAL TPCL	34.192	559.923	Include PX	-0.983	-10.972
3) REL Thermal	12.518	224.911	3) MUMBAI Schedule	11.881	218.951
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	151.657	2807.193	1) MSEDCL	296.927	5364.136
2) Hydro (A2+B3+C2)	32.560	397.972	2) TPCL	38.012	649.617
3) Gas (A3+B1)	56.312	924.219	3) REL	19.615	335.858
4) Wind (B2)	11.300	200.225	TOTAL STATE	354.554	6349.611
5) CPP (B3)	11.849	392.381			
TOTAL STATE	263.678	4721.990			

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	4514	4727	4307
MSGENCO Hydro	1873	1091	699
MSGENCO Gas	627	633	641
MSGENCO Total Generation	7014	6451	5647
Central Sector Receipt	3757	4222	3174
RGPPL	1838	1603	1754
WIND	450	449	542
CPP	527	382	528
Exchange with Mumbai	-587	-543	-204
MSEDCL DEMAND MET	12999	12572	11441
Load Shedding (LS)	798	423	0
MSEDCL DEMAND (INCL. LS)	13797	12995	11441
TPCL GENERATION	1811	1597	1076
REL GENERATION	521	521	523
TPCL+REL DEMAND	2919	2661	1803
STATE DEMAND MET	15918	15233	13244
Load Management (LM)	2155	3451	1550
Total Load Relief (LS+LM)	2953	3874	1550
UNRESTRICTED STATE DEMAND	18871	19107	14794
Frequency (Hz)	49.63	49.77	49.78

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.44 Hz at 18.02 Hrs	49.13 Hz at 14.42 Hrs	49.77	.49 % 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 18/May/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.95	72.47	173	154	160
Unit 6	4.34	77.93	195	151	190
Unit 7	4.42	77.88	190	180	185
	12.71	228.28			535
Bhusawal					
Unit 2	3.35	50.82	155	130	145
Unit 3	4.50	70.75	200	175	195
Unit 4		0.00	0	0	
	7.86	121.57			340
Parli					
Unit 3	2.78	61.95	135	95	135
Unit 4	2.73	55.04	126	100	100
Unit 5	1.90	45.36	149	0	0
Unit 6	3.52	69.77	243	64	85
Unit 7	0.98	76.15	106	0	100
	11.91	308.26			420
Chandrapur					
Unit 1	3.68	61.84	165	140	165
Unit 2	3.54	46.89	164	135	140
Unit 3	4.54	73.88	199	174	200
Unit 4	3.88	70.08	182	135	180
Unit 5	9.22	160.23	425	300	425
Unit 6	8.58	154.77	415	300	430
Unit 7	9.42	166.03	440	305	400
	42.86	733.73			1940
Paras					
Unit 3	5.02	73.86	215	203	210
Unit 4	0.00	74.81	0	0	0
	5.02	148.66			210
Khaparkheda					
Unit 1	4.20	77.43	195	160	210
Unit 2	4.58	80.40	197	184	210
Unit 3	0.00	0.00	0	0	0
Unit 4	5.27	92.88	222	211	210
Unit 5		0.00	0	0	
	14.04	250.72			630
Nasik					
Unit 1	2.04	33.86	91	72	100
Unit 2	0.00	30.60	0	0	0
Unit 3	4.49	77.60	195	170	200
Unit 4	4.55	75.47	195	184	190
Unit 5	4.49	76.50	200	152	170
	15.58	294.04			660
Uran					
All Units	15.26	275.64	652	604	620
	15.26	275.64			620
Dabhol					
RGPPL	41.05	648.58	1845	1543	1560
	41.05	648.58			1560
Koyna					
Stage 1-2	6.79	83.17	500	40	600
Stage 4	12.78	138.86	1104	0	250
Stage 3	5.08	49.45	240	0	240
	24.66	271.48			1090
Kovna 12&4 Total	19.57	222.03			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	6.53	0	0	18
VTRNA	0.00	0.00	0	0	0
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.29	4.10	13	12	12
BHIRA T.R.	0.24	3.06	71	0	80
RNGR+BHTSA	0.29	5.69	12	12	13
BHANDARDRA	0.58	13.27	24	24	24
ELDARY	0.45	5.29	20	0	20
SMLHY PTN	0.85	15.46	43	32	10
GHATGHAR	0.00	7.38	0	0	0
	2.70	60.78			177
PENCH (MS)					
Pench (MS)	0.18	2.80	25	0	
	0.18	2.80			
Wind					
MalharPeth	0.23	4.37			
Vankuswadi	0.54	11.21			
ATIT	0.08	2.24			
Kale	0.26	4.27			
Satara	0.23	8.62			
Shirala	0.27	4.47			
K Mahankal	0.52	6.28			
Supa	0.10	2.32			
Vita	0.72	16.76			
Dondaicha	5.34	91.20			
Sakri	1.04	14.96			
Nandurbar	0.86	12.11			
Khandke	0.37	10.89			
Khaparale	0.74	10.52			
	11.30	200.22			
CPP					
JSW JAIGAD	0.00	170.32	0	0	275
WARDHA	7.40	137.16	336	227	330
Other CPPs	4.45	84.60			
	11.85	392.08			605
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.76	207.54	490	490	500
Trombay 6	7.30	109.74	450	150	500
Trombay 7A	2.86	51.65	121	117	120
Trombay 7B	1.58	28.44	66	65	60
Trombay 8	5.66	99.65	250	150	250
TATA Hydro	5.03	62.91	452	0	447
	34.19	559.92			1877
REL					
1&2	12.52	224.91	524	520	500
	12.52	224.91			500
Cent Sect					
Share					3509
					3509

MS PG CL	Thermal	109.98	2085.27		4735
	Thml+Gas	125.23	2360.91		5355
	Hydro	27.35	332.26		1267
	Total	152.58	2693.17		6622
State Total		263.68	4721.99		14673

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/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	4479	1391	636	6506	1636	456	510	3192	3201	-569	-548	11786	2082	11786	2208	16076	49.63
2	4409	1362	638	6409	1709	427	526	3021	2985	-396	-432	11649	1951	11649	2030	15630	49.66
3	4388	1300	640	6328	1751	419	532	2887	2923	-265	-294	11684	1435	11684	1892	15011	49.77
4	4307	699	641	5647	1754	542	528	2855	3174	-229	-204	11441	1550	11441	1803	14794	49.78
5	4413	734	640	5787	1777	615	524	2855	3160	-204	-166	11697	1686	11697	1763	15146	49.76
6	4613	1482	648	6743	1820	648	485	2855	2662	-174	-181	12177	1966	12278	1779	15922	49.81
7	4636	615	652	5903	1826	511	474	3240	3534	-324	-282	11966	2332	12224	1801	16099	49.94
8	4683	574	646	5903	1845	451	470	3245	3919	-329	-283	12305	2170	12401	1885	16360	50.00
9	4722	710	639	6071	1844	339	501	3277	4160	-392	-359	12556	2123	12605	2151	16830	49.85
10	4721	1180	637	6538	1843	330	484	3506	3927	-432	-401	12721	2170	12771	2549	17440	49.86
11	4561	1729	632	6922	1839	308	480	3719	3943	-575	-556	12936	2485	13215	2817	18238	49.63
12	4514	1873	627	7014	1838	450	527	3706	3757	-624	-587	12999	2953	13797	2919	18871	49.63
13	4614	1730	629	6973	1839	544	506	3716	3677	-635	-581	12958	3159	13964	2905	19022	49.58
14	4536	1735	633	6904	1778	426	511	3674	3697	-591	-516	12800	3043	13690	2803	18646	49.60
15	4624	1818	634	7076	1543	413	500	3684	3676	-602	-536	12672	2941	13633	2841	18454	49.49
16	4662	1892	628	7182	1573	637	498	3705	3802	-624	-572	13120	2838	14053	2873	18831	49.62
17	4672	1712	609	6993	1598	437	498	3605	4009	-625	-553	12982	2767	13871	2863	18612	49.72
18	4691	749	604	6044	1600	580	481	3453	3951	-552	-484	12172	2972	12977	2758	17902	49.82
19	4684	391	637	5712	1616	511	488	3371	3945	-539	-454	11818	3819	12462	2633	18270	50.11
20	4727	1091	633	6451	1603	449	382	3471	4222	-618	-543	12572	3874	12995	2661	19107	49.77
21	4675	1258	642	6575	1584	433	480	3502	4308	-658	-617	12788	3660	12990	2577	19025	49.77
22	4596	773	647	6016	1613	405	481	3514	4646	-658	-589	12596	3456	12596	2433	18485	49.96
23	4577	247	645	5469	1614	492	486	3453	4783	-593	-536	12332	3453	12332	2363	18148	49.97
24	4471	306	641	5418	1611	478	497	3423	4815	-676	-645	12198	3077	12198	2322	17597	49.81
MUs	109.98	27.35	15.26	152.58	41.05	11.30	11.85	80.93	90.88	-11.88	-10.92	296.92	63.96	305.31	57.63	418.52	49.77

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 18/May/2011

Position as on 6.30 Hrs of 19/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
Parli Unit 5	210	13/05/2011	23.43	18/05/2011	05.55	H P Heater Tube Leakage.	
Nasik Unit 2	125	16/05/2011	12.05		Continued.	Boiler Tube leakage.	19/05/2011
CPP JSW (J) U2	300	16/05/2011	19.40		Continued.	Tripping of new koyna Jaigad lines I and II.	19/05/2011
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	19/05/2011
Dabhol 1B	230	18/05/2011	14.00		Continued.	For Hightening of expansion joint	21/05/2011

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/May/2011

Position as on 6.30 Hrs of 19/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Kalmeshwar - Pandurna	18/05/2011	09.06	18/05/2011	17.52	Testing & Commissioning of Dist.Prot.Relay.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule-Sar'Sarovar - II	17/05/2011	17.23		Continued.	Trip command received from Thyristor monitoring relay
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Newkoyna - Jaigad - I	17/05/2011	15.06	18/05/2011	16.43	Isolator work by JSW
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.
Usmanabad-Barshi	18/05/2011	09.40	18/05/2011	19.20	Q.M.Work
220/132 KV 100 MVA ICT @ Kawlewada	18/05/2011	09.50	18/05/2011	16.30	Q.M.Work
220/132KV 150MVA ICT @ Boisor	18/05/2011	14.54	18/05/2011	16.30	Bushing Measurement.
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
Ambazari-Kalmeshwar	18/05/2011	08.27	18/05/2011	13.55	Replacement of R Phase CT
Jalgaon - Dhrangaon	18/05/2011	08.50		Continued.	Replacement of Bus Isolator
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.
Chandrapur 400 KV HVDC -II	18/05/2011	15.34	18/05/2011	17.10	To attend PG-I Isolator Prob.(ckt is on TBC)
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/132KV 150 MVA ICT @ Ambazari.	18/05/2011	13.03	18/05/2011	15.25	To attend Oil Leakage
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	17/05/2011	20.56	18/05/2011	07.33	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Khaperkheda - Wardha.	02/05/2011	19.15		Continued.	To control Koradi ICT loading.
Wardha-Abhijeet II	05/05/2011	16.51		Continued.	To Control Koradi ICT Load.
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		Continued.	To Control 220KV Warora-Hinganghat ckt Loading
Abhijeet-Wardha-I	16/05/2011	11.38		Continued.	To control Koradi ICT loading.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/May/2011

Position as on 6.30 Hrs of 19/May/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 : 400KV			Outage Type TRIPPED		
Dabhol - Nagothane - I	17/05/2011	21.39		Continued.	Distance Protection,(declared fauly)
New Koyna - Jaigad - II	17/05/2011	22.53	18/05/2011	19.49	Distance Protection
New Koyna - Jaigad - II	19/05/2011	00.53		Continued.	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		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.
Voltage Level : 132KV			Outage Type TRIPPED		
Girwali - Renapur	17/05/2011	17.03	18/05/2011	00.38	Distance Protection
Kalmeshwar - Katol	18/05/2011	16.28	18/05/2011	16.48	Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 19/May/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	180
Unit 6	210	180
Unit 7	210	170
	620	530
Bhusawal		
Unit 2	210	145
Unit 3	210	200
Unit 4	0	
	420	345
Parli		
Unit 3	210	100
Unit 4	210	120
Unit 5	210	120
Unit 6	250	220
Unit 7	250	0
	1130	560
Chandrapur		
Unit 1	210	165
Unit 2	210	155
Unit 3	210	200
Unit 4	210	180
Unit 5	500	325
Unit 6	500	400
Unit 7	500	350
	2340	1775
Paras		
Unit 3	250	210
Unit 4	250	0
	500	210
Khaparkheda		
Unit 1	210	180
Unit 2	210	200
Unit 3	210	0
Unit 4	210	210
Unit 5	0	
	840	590
Nasik		
Unit 1	120	95
Unit 2	120	0
Unit 3	210	195
Unit 4	210	190
Unit 5	210	190
	870	670
Uran		
All Units	852	620
	852	620
Dabhol		
RGPP	1940	1500
	1940	1500
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	12
BHANDARDRA	45	24
ELDARY	23	
SMLHY PTN	12	10
GHATGHAR	250	
	611	138
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	0
WARDHA	405	330
Other CPPs	0	
	1005	330
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	3676
	3455	3676