



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

State Load Dispatch Center, Airoli

Daily system Report

for

17/Aug/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 17/Aug/2011 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	73.778	1239.039	1) Madhya Pradesh	61.363	806.207
2) Hydro	19.699	248.933	2) Gujrat	54.612	690.902
3) Gas	10.794	186.340	3) Goa	-7.209	-96.432
Total MSGENCO	104.271	1674.312	4) TAPS 1&2 (Inj.)	7.794	132.757
B) OTHERS			5) Pench (Excess)	-0.093	-4.112
1) RGPPL Gas	38.553	639.473	# Total Cent. Sector	116.467	1529.322
2) Wind Generation	10.572	388.459	F) Other Exchanges		
3) CPP	22.946	373.881	1) With TPCL (Excess)	-12.881	-222.924
4) PENCH (MS)	0.093	5.698	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	30.856	350.398
1) TPCL Thermal	25.734	378.578	Include PX	12.041	61.142
2) TPCL Hydro	5.126	87.786	2) MUMBAI Bilateral	13.140	220.020
TOTAL TPCL	30.860	466.364	Include PX	0.262	1.783
3) REL Thermal	12.612	195.698	3) MUMBAI Schedule	13.140	223.231
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	112.124	1813.315	1) MSEDCL	280.021	4388.221
2) Hydro (A2+B3+C2)	24.918	342.417	2) TPCL	37.599	586.828
3) Gas (A3+B1)	49.347	825.813	3) REL	18.754	298.140
4) Wind (B2)	10.572	388.459	TOTAL STATE	336.374	5273.189
5) CPP (B3)	22.946	373.881			
TOTAL STATE	219.907	3743.885			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	3155	3324	2774
MSGENCO Hydro	918	2128	169
MSGENCO Gas	440	442	459
MSGENCO Total Generation	4513	5894	3402
Central Sector Receipt	5272	4470	4535
RGPPL	1597	1592	1620
WIND	401	401	481
CPP	1037	954	954
Exchange with Mumbai	-797	-598	-196
MSEDCL DEMAND MET	12023	12713	10796
Load Shedding (LS)	228	0	0
MSEDCL DEMAND (INCL. LS)	12251	12713	10796
TPCL GENERATION	1556	1516	951
REL GENERATION	525	525	525
TPCL+REL DEMAND	2878	2639	1672
STATE DEMAND MET	14901	15352	12468
Load Management (LM)	1424	2653	1255
Total Load Relief (LS+LM)	1652	2653	1255
UNRESTRICTED STATE DEMAND	16553	18005	13723
Frequency (Hz)	49.99	49.61	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.36 Hz at 17.00 Hrs	48.95 Hz at 19.48 Hrs	49.91	.41 % 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 17/Aug/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.38	51.32	155	120	131
Unit 6	3.24	36.79	160	85	160
Unit 7	3.56	52.57	160	135	160
	10.18	140.68			451
Bhusawal					
Unit 2	2.34	49.12	120	80	130
Unit 3	2.13	37.43	115	0	110
Unit 4		0.00	0	0	
	4.47	86.55			240
Parli					
Unit 3	0.00	3.78	0	0	0
Unit 4	2.80	44.06	160	83	150
Unit 5	2.46	14.54	143	0	60
Unit 6	3.31	34.77	172	78	160
Unit 7	3.06	47.95	195	0	160
	11.63	145.10			530
Chandrapur					
Unit 1	2.93	48.34	150	77	80
Unit 2	2.70	44.50	131	75	80
Unit 3	3.41	46.70	188	80	80
Unit 4	0.00	53.08	0	0	0
Unit 5	7.24	131.94	355	225	250
Unit 6	5.93	67.09	359	155	300
Unit 7	0.00	0.00	0	0	0
	22.20	391.65			790
Paras					
Unit 3	2.26	49.28	140	58	90
Unit 4	2.64	48.15	150	69	90
	4.90	97.44			180
Khaparkheda					
Unit 1	3.70	66.00	160	140	160
Unit 2	3.65	64.83	168	142	160
Unit 3	3.83	67.29	168	151	170
Unit 4	3.02	60.75	158	0	130
Unit 5	0.00	2.37	0	0	
	14.19	261.23			620
Nasik					
Unit 1		0.00	0	0	
Unit 2		0.00	0	0	
Unit 3	0.00	0.00	0	0	0
Unit 4	3.13	56.87	160	90	160
Unit 5	3.08	59.52	147	99	160
	6.21	116.39			320
Uran					
All Units	10.79	186.34	463	439	440
	10.79	186.34			440
Dabhol					
RGPPL	38.55	639.47	1629	1580	1570
	38.55	639.47			1570
Koyna					
Stage 1-2	3.62	54.05	550	35	600
Stage 4	8.21	77.08	1118	0	250
Stage 3	2.80	39.03	318	0	320
	14.62	170.16			1170
Kovna 12&4 Total	11.82	131.13			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.92	15.16	39	38	36
VTRNA	0.30	1.84	61	0	0
TILLARI	0.76	12.84	60	0	60
BHTGR/VEER	0.20	3.12	9	8	8
BHIRA T.R.	0.48	7.96	82	0	80
RNGR+BHTSA	0.06	0.94	3	2	2
BHANDARDRA	0.69	8.24	32	28	20
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	1.29	21.59	61	51	17
GHATGHAR	0.38	7.08	125	0	0
	5.08	78.77			223
PENCH (MS)					
Pench (MS)	0.09	5.70	49	0	
	0.09	5.70			
Wind					
MalharPeth	0.88	22.53			
Vankuswadi	1.17	36.33			
ATIT	0.55	7.73			
Kale	0.37	11.50			
Satara	1.06	46.56			
Shirala	0.42	12.80			
K Mahankal	0.45	18.66			
Supa	0.12	5.68			
Vita	1.44	54.72			
Dondaicha	2.28	102.79			
Sakri	0.56	17.89			
Nandurbar	0.23	10.22			
Khandke	0.60	23.85			
Khaparale	0.44	17.20			
	10.57	388.46			
CPP					
JSW JAIGAD	12.78	220.77	611	300	550
WARDHA	6.71	102.76	289	275	260
Other CPPs	3.45	50.35			
	22.95	373.88			810
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.76	192.87	490	490	500
Trombay 6	6.10	108.02	380	155	500
Trombay 7A	2.86	46.73	122	118	120
Trombay 7B	1.57	25.88	66	65	60
Trombay 8	3.44	5.08	190	110	250
TATA Hydro	5.13	87.79	387	0	447
	30.86	466.36			1877
REL					
1&2	12.61	195.70	528	523	500
	12.61	195.70			500
Cent Sect					
Share					3967
					3967

MS PG CL	Thermal	73.78	1239.04			3131
	Thml+Gas	84.57	1425.38			3571
	Hydro	19.70	248.93			1393
	Total	104.27	1674.31			4964
State Total		219.91	3743.88			13688

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 17/Aug/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	2814	169	460	3443	1625	630	1023	3500	4497	-427	-381	10837	1772	10837	1891	14500	50.04
2	2731	169	460	3360	1619	568	1018	3424	4436	-317	-223	10778	1678	10778	1700	14156	49.94
3	2774	169	459	3402	1620	481	954	3379	4535	-269	-196	10796	1255	10796	1672	13723	49.94
4	2792	174	459	3425	1621	471	918	3353	4604	-230	-184	10855	1223	10855	1662	13740	49.99
5	2822	169	457	3448	1622	441	923	3353	4648	-234	-153	10929	1247	10929	1629	13805	49.99
6	2841	430	460	3731	1614	435	991	3668	4701	-261	-220	11252	1366	11252	1699	14317	49.84
7	2942	409	462	3813	1617	462	1035	3717	5179	-352	-342	11764	1367	11764	1825	14956	49.92
8	3160	280	463	3903	1614	340	963	3737	5586	-410	-458	11948	1560	12141	1974	15482	49.96
9	3183	330	455	3968	1612	370	980	3766	5821	-467	-545	12206	1560	12399	2250	16016	50.01
10	3203	883	441	4527	1602	429	1031	4003	5378	-604	-678	12289	1591	12509	2628	16508	49.92
11	3155	918	440	4513	1597	401	1037	4194	5272	-769	-797	12023	1652	12251	2878	16553	49.99
12	3082	973	446	4501	1591	425	1037	4260	5182	-820	-820	11916	1627	12130	2933	16476	49.90
13	3143	852	446	4441	1596	334	1036	4206	5214	-754	-760	11861	1615	12063	2887	16363	50.02
14	3240	877	442	4559	1588	361	1035	4131	5205	-681	-749	11999	1599	12185	2796	16394	49.99
15	3262	967	439	4668	1580	391	1035	4162	4819	-691	-737	11756	1606	11941	2842	16204	49.85
16	3286	1194	445	4925	1592	460	1031	4161	4960	-702	-714	12254	1591	12434	2860	16705	49.94
17	3323	922	448	4693	1592	657	1002	4156	4830	-697	-651	12123	1584	12262	2798	16505	49.92
18	3305	751	444	4500	1601	549	1036	4127	4831	-667	-625	11892	1763	11992	2740	16395	50.04
19	3377	760	441	4578	1598	512	1028	4056	4461	-585	-551	11626	2406	11626	2644	16676	49.83
20	3324	2128	442	5894	1592	401	954	4096	4470	-622	-598	12713	2653	12713	2639	18005	49.61
21	3183	2328	442	5953	1597	414	721	4166	4262	-683	-652	12318	2665	12318	2580	17563	49.66
22	2993	2082	447	5522	1609	357	718	4197	4124	-683	-663	11716	2665	11716	2406	16787	49.81
23	2947	1017	446	4410	1629	333	719	4191	4661	-655	-645	11128	2665	11128	2289	16082	49.88
24	2896	748	450	4094	1625	350	721	4080	4791	-560	-539	11042	2347	11042	2131	15520	49.95
MUs	73.78	19.70	10.79	104.27	38.55	10.57	22.95	94.08	116.47	-13.14	-12.88	280.02	43.06	282.06	56.35	379.43	49.91

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 17/Aug/2011

Position as on 6.30 Hrs of 18/Aug/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Dabhol 1A	230	20/05/2011	13.22		Continued.	Rotor replacement.	19/08/2011
Chandrapur Unit 7	500	29/06/2011	21:40		Continued.	COH	21/08/2011
Nasik Unit 3	210	23/07/2011	01.55		Continued.	Annual Overhaul.	19/08/2011
CPP WPCL U-4	135	24/07/2011	06.40	18/08/2011	00.51	Maint.Work.	
Chandrapur Unit 4	210	16/08/2011	00.04		Continued.	Annual Overhaul.	10/09/2011
FORCED OUTAGE							
Parli Unit 3	210	02/08/2011	12.43		Continued.	Due to wet coal.	19/08/2011
Khaparkheda Unit 5	500	05/08/2011	09.32		Continued.	H.P.Pump problem	
CPP JSW (J) U1	300	08/08/2011	10.30		Continued.	Bearing Vibration High.	18/08/2011
Cent_Sect NTPC(V-8)	500	09/08/2011	22.47	17/08/2011	20.29	Wet Coal.	
Parli Unit 5	210	13/08/2011	16.15	17/08/2011	02.15	Boiler Tube Leakage	
Cent_Sect NTPC(V-3)	210	13/08/2011	21.29		Continued.	Wet Coal	
Khaparkheda Unit 4	210	14/08/2011	00.34	17/08/2011	01.11	Furnace Pressure High.	
Uran Unit 5	108	17/08/2011	00.28	18/08/2011	00.33	Maintenance work.	
Khaparkheda Unit 4	210	17/08/2011	01.11	17/08/2011	03.24	Hot sheet valve damaged.	
CPP JSW (J) U3	300	17/08/2011	19.47		Continued.	Electrical fault.	19/08/2011
Parli Unit 7	250	17/08/2011	21.20		Continued.	Turbine Trip.	19/08/2011
Bhusawal Unit 3	210	17/08/2011	21.36	18/08/2011	00.10	Flame failure.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Aug/2011

Position as on 6.30 Hrs of 18/Aug/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Karad - Solapur (PGCIL)	17/08/2011	11.17	18/08/2011	05.35	Loc.No.443 insulator repl.Ready for charging at 19.17 hrs.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Aurangabad- II	26/07/2011	20.52	18/08/2011	05.32	Over voltage.
Akola - Wardha - I	26/07/2011	23.53		Continued.	Over Voltage.
Akola - Wardha - II	31/07/2011	22.03	17/08/2011	09.25	Over Voltage
Dhule-Khandwa I	10/08/2011	23.34	17/08/2011	08.02	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Koradi-Satpur	18/08/2011	01.17		Continued.	Tripped at Satpur end only.
IntraState					
Voltage Level : 500KV			Outage Type PLANNED OUTAGE		
Chandrapur-Padaghe Pole - II	08/08/2011	09.17		Continued.	Annual Maintenance Work of All Equipment in AC/DC Yard upto 20.8.11.
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Chandrapur - HVDC A/C Bay - II	08/08/2011	17.21		Continued.	Annual Maint.Work, upto 19.08.11.
400/220KV 315 MVA ICT-II at Korady	17/08/2011	09.25	17/08/2011	19.04	Q.M.Work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(8 MonthOutage)
220/132KV,100 MVA ICT-III at Girwali.	21/06/2011	10.44		Continued.	Augmentation of ICT by new 200 MVA ICT. upto 16.08.2011.
220/132 KV 100 MVA ICT-I @ Chikhli.	30/07/2011	11.45		Continued.	Replacement by 200 MVA ICT.Up to 20.08.2011.
220/132 KV 250 MVA ICT at Ambazari	05/08/2011	10.41		Continued.	ICT is to be replaced by 200 MVA ICT Upto 20.8.11.
Kanhan - Bhandara - I	16/08/2011	09.23		Continued.	Tower height extension work up to 24.08.2011.
Khaparkheda - Kanhan - I	16/08/2011	09.36		Continued.	Tower height extension work up to 24.08.2011.
Warora - Wani	17/08/2011	09.56	17/08/2011	19.25	Replacement of LA.
220/132 KV 100 MVA ICT @ Kawlewada	17/08/2011	10.01	17/08/2011	17.30	Q.M.Work
TBC @ 220 KV Parli - I	17/08/2011	10.40	17/08/2011	13.30	Checking of pressure switches of breaker.
220/132 KV 80 MVA ICT @ Hinganghat	17/08/2011	11.59	17/08/2011	16.36	R.M.Work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220KV,100 MVA Spare Unit at Korady	04/08/2011	16.28		Continued.	To attend buchholz alarm problem.
Karad - Kolhapur - II	16/08/2011	21.36	17/08/2011	09.25	Over Voltage.
Bhusawal- Aurangabad	16/08/2011	22.13	17/08/2011	05.16	Over Voltage.
Bhusawal- Aurangabad	17/08/2011	20.46	18/08/2011	05.32	Over Voltage,
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chandrapur - Warora	03/07/2011	21.47		Continued.	To Control Wardha-Warora & Wardha-Hinganghat loading.
Babaleshwar - Bhenda	24/07/2011	08.30		Continued.	To Control Babaleshwar ICT Loading.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 17/Aug/2011

Position as on 6.30 Hrs of 18/Aug/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
Padgha - Temghar - II	09/08/2011	10.12		Continued.	To control Padgha ICT load.
Padgha-Temghar I	09/08/2011	10.31		Continued.	To control Padgha ICT load.
Vita - Lamboti	17/08/2011	10.48		Continued.	To Control voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV 105 MVA Spare ICT at Parly II	22/04/2011	13.50		Continued.	To Remove Trip Coil Assembly for Bus Coupler.
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).
220/6.6KV 40MVA Stn.T/F -IV at K'Kheda	16/08/2011	14.17		Continued.	Differential protection operated,

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 18/Aug/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	120
Unit 6	210	145
Unit 7	210	150
	620	415
Bhusawal		
Unit 2	210	130
Unit 3	210	110
Unit 4	0	
	420	240
Parli		
Unit 3	210	0
Unit 4	210	130
Unit 5	210	130
Unit 6	250	170
Unit 7	250	0
	1130	430
Chandrapur		
Unit 1	210	140
Unit 2	210	130
Unit 3	210	150
Unit 4	210	0
Unit 5	500	380
Unit 6	500	300
Unit 7	500	0
	2340	1100
Paras		
Unit 3	250	120
Unit 4	250	140
	500	260
Khaparkheda		
Unit 1	210	169
Unit 2	210	140
Unit 3	210	151
Unit 4	210	157
Unit 5	500	
	1340	617
Nasik		
Unit 1	120	0
Unit 2	120	0
Unit 3	210	0
Unit 4	210	140
Unit 5	210	140
	870	280
Uran		
All Units	852	580
	852	580
Dabhol		
RGPP	1940	1570
	1940	1570
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	36

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	61
TILLARI	60	60
BHTGR/VEER	21	8
BHIRA T.R.	80	80
RNGR+BHTSA	20	2
BHANDARDRA	45	28
ELDARY	23	0
SMLHY PTN	12	9
GHATGHAR	250	0
	611	284
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	440
WARDHA	405	289
Other CPPs	0	
	1005	729
Tata		
Trombay 4	150	0
Trombay 5	500	490
Trombay 6	500	500
Trombay 7A	120	120
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	3918
	3455	3918