



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

State Load Dispatch Center, Airoli

Daily system Report

for

15/Aug/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 15/Aug/2011 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	70.789	1099.430	1) Madhya Pradesh	40.791	695.875
2) Hydro	7.813	205.711	2) Gujrat	42.366	585.741
3) Gas	13.674	161.915	3) Goa	-4.995	-83.591
Total MSGENCO	92.276	1467.056	4) TAPS 1&2 (Inj.)	7.820	117.155
B) OTHERS			5) Pench (Excess)	-0.296	-3.929
1) RGPPL Gas	37.630	563.389	# Total Cent. Sector	85.686	1311.251
2) Wind Generation	18.121	363.398	F) Other Exchanges		
3) CPP	18.559	329.474	1) With TPCL (Excess)	-11.255	-196.186
4) PENCH (MS)	0.296	5.515	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	10.060	299.691
1) TPCL Thermal	20.379	329.168	Include PX	0.000	45.275
2) TPCL Hydro	0.480	77.180	2) MUMBAI Bilateral	9.150	192.464
TOTAL TPCL	20.859	406.348	Include PX	-2.991	2.185
3) REL Thermal	12.630	170.511	3) MUMBAI Schedule	9.150	195.676
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	103.798	1599.109	1) MSEDCL	241.313	3843.897
2) Hydro (A2+B3+C2)	8.589	288.406	2) TPCL	29.829	512.170
3) Gas (A3+B1)	51.304	725.304	3) REL	14.914	260.860
4) Wind (B2)	18.121	363.398	TOTAL STATE	286.056	4616.927
5) CPP (B3)	18.559	329.474			
TOTAL STATE	200.371	3305.691			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 8 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	3047	2998	2808
MSGENCO Hydro	186	1156	180
MSGENCO Gas	583	524	584
MSGENCO Total Generation	3816	4678	3572
Central Sector Receipt	4151	3342	3749
RGPPL	1651	1569	1647
WIND	679	717	668
CPP	805	747	800
Exchange with Mumbai	-272	-596	-299
MSEDCL DEMAND MET	10830	10504	10182
Load Shedding (LS)	33	45	33
MSEDCL DEMAND (INCL. LS)	10863	10549	10215
TPCL GENERATION	888	1058	769
REL GENERATION	526	526	526
TPCL+REL DEMAND	1686	2180	1594
STATE DEMAND MET	12516	12684	11776
Load Management (LM)	1131	2559	1033
Total Load Relief (LS+LM)	1164	2604	1066
UNRESTRICTED STATE DEMAND	13680	15288	12842
Frequency (Hz)	50.48	49.85	50.26

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.69 Hz at 07:21 Hrs	49.09 Hz at 19:12 Hrs	50.18	.34 % 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 15/Aug/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.02	44.64	150	98	150
Unit 6	3.49	30.33	172	82	150
Unit 7	3.58	45.37	160	120	150
	10.09	120.34			450
Bhusawal					
Unit 2	2.74	44.36	140	85	110
Unit 3	2.48	32.92	130	85	110
Unit 4	0.00	0.00	0	0	0
	5.22	77.27			220
Parli					
Unit 3	0.00	3.78	0	0	0
Unit 4	3.07	38.26	146	115	120
Unit 5	0.00	12.08	0	0	0
Unit 6	4.06	27.66	210	136	150
Unit 7	3.17	41.83	222	100	130
	10.30	123.60			400
Chandrapur					
Unit 1	2.05	42.83	104	68	80
Unit 2	1.76	39.43	88	62	80
Unit 3	3.00	40.10	172	59	150
Unit 4	3.30	53.08	167	63	150
Unit 5	5.26	119.96	260	125	250
Unit 6	4.85	56.19	260	145	250
Unit 7	0.00	0.00	0	0	0
	20.22	351.59			960
Paras					
Unit 3	3.12	44.52	173	86	100
Unit 4	3.18	43.32	180	96	120
	6.29	87.84			220
Khaparkheda					
Unit 1	3.96	58.52	175	155	160
Unit 2	3.78	57.36	191	144	160
Unit 3	4.06	59.50	174	159	170
Unit 4	0.00	57.73	0	0	0
Unit 5	0.00	2.37	0	0	0
	11.80	235.49			490
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	0.00	0.00	0	0	0
Unit 4	3.36	50.33	161	114	140
Unit 5	3.49	52.97	166	130	160
	6.85	103.30			300
Uran					
All Units	13.67	161.92	585	522	580
	13.67	161.92			580
Dabhol					
RGPPL	37.63	563.39	1651	1464	1560
	37.63	563.39			1560
Koyna					
Stage 1-2	1.46	46.00	400	35	600
Stage 4	0.48	59.50	235	0	250
Stage 3	1.20	32.82	318	0	320
	3.14	138.33			1170
Kovna 12&4 Total	1.94	105.51			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.93	13.32	39	38	36
VTRNA	0.00	1.54	0	0	60
TILLARI	0.36	10.83	60	0	60
BHTGR/VEER	0.20	2.72	9	8	7
BHIRA T.R.	0.31	7.08	82	0	80
RNGR+BHTSA	0.06	0.83	3	2	2
BHANDARDRA	0.76	6.87	32	31	34
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	1.30	18.92	61	51	9
GHATGHAR	0.75	5.28	250	0	0
	4.67	67.38			288
PENCH (MS)					
Pench (MS)	0.30	5.52	47	0	0
	0.30	5.52			0
Wind					
MalharPeth	0.66	20.96			
Vankuswadi	1.33	33.90			
ATIT	0.19	6.99			
Kale	0.38	10.76			
Satara	2.28	43.28			
Shirala	0.34	12.07			
K Mahankal	0.06	18.16			
Supa	0.24	5.33			
Vita	2.05	51.32			
Dondaicha	6.58	96.26			
Sakri	1.21	16.56			
Nandurbar	0.65	9.58			
Khandke	1.35	22.16			
Khaparale	0.80	16.08			
	18.12	363.40			
CPP					
JSW JAIGAD	10.27	195.21	432	426	380
WARDHA	6.26	89.84	267	250	260
Other CPPs	2.02	44.43			
	18.56	329.47			640
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.51	170.14	490	422	490
Trombay 6	4.29	95.17	275	150	500
Trombay 7A	2.89	41.02	122	118	120
Trombay 7B	1.58	22.74	67	65	60
Trombay 8	0.10	0.10	64	0	0
TATA Hydro	0.48	77.18	125	0	447
	20.86	406.35			1617
REL					
1&2	12.63	170.51	528	525	500
	12.63	170.51			500
Cent Sect					
Share					2975
					2975

MS PG CL	Thermal	70.79	1099.43			3040
	Thml+Gas	84.46	1261.34			3620
	Hydro	7.81	205.71			1458
	Total	92.28	1467.06			5078
State Total		200.37	3305.69			12370

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 15/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	2847	175	582	3604	1637	627	807	2955	4207	-417	-488	10414	1470	10447	1817	13701	49.98
2	2811	170	582	3563	1638	730	800	2894	3947	-353	-363	10362	1384	10395	1674	13420	50.18
3	2808	180	584	3572	1647	668	800	2859	3749	-316	-299	10182	1066	10215	1594	12842	50.26
4	2886	175	584	3645	1635	596	808	2844	3953	-300	-262	10418	1071	10451	1552	13041	50.14
5	2924	175	583	3682	1641	595	802	2852	4103	-305	-258	10608	1086	10641	1622	13316	50.29
6	2926	180	584	3690	1630	661	802	2851	4467	-305	-210	11059	1166	11092	1633	13858	50.11
7	2973	174	582	3729	1651	612	802	2900	4140	-358	-200	10734	1164	10767	1650	13548	50.35
8	3047	186	583	3816	1651	679	805	2924	4151	-385	-272	10830	1164	10863	1686	13680	50.48
9	2901	173	582	3656	1639	819	795	2958	3813	-422	-414	10308	1164	10341	1774	13246	50.42
10	2872	192	582	3646	1631	874	794	2990	3372	-449	-485	9832	1110	9865	1849	12791	50.38
11	2819	254	584	3657	1622	832	775	3017	3489	-476	-553	9822	1358	9855	1918	13098	50.32
12	2803	268	585	3656	1616	1011	765	2988	3521	-476	-571	9998	1340	10031	1964	13302	50.27
13	2884	215	570	3669	1488	835	756	2699	3657	-476	-629	9776	1339	9809	1976	13091	50.40
14	3073	177	565	3815	1472	934	749	2643	3392	-412	-584	9778	1339	9811	1939	13056	50.53
15	3117	172	566	3855	1472	823	755	2600	3547	-369	-551	9901	1344	9934	1915	13160	50.24
16	3059	172	585	3816	1473	889	756	2578	3203	-353	-537	9600	1341	9633	1891	12832	50.14
17	3092	172	577	3841	1473	970	739	2557	3233	-332	-519	9737	1413	9782	1874	13024	50.22
18	3122	209	571	3902	1474	958	749	2588	2635	-364	-527	9191	1647	9236	1880	12718	50.09
19	3106	377	572	4055	1500	867	752	2647	2445	-412	-481	9138	2387	9183	1968	13493	49.87
20	3027	1149	571	4747	1475	793	749	2755	2754	-503	-537	10005	2597	10050	2123	14725	49.60
21	2998	1156	524	4678	1569	717	747	2777	3342	-228	-596	10504	2604	10549	2180	15288	49.85
22	2953	946	522	4421	1619	567	749	2805	3383	-228	-602	10145	2604	10190	2145	14894	49.95
23	2848	521	528	3897	1513	524	751	2802	3498	-434	-659	9524	2604	9569	2088	14216	50.06
24	2893	245	526	3664	1464	540	752	2770	3685	-476	-658	9447	2298	9492	2032	13777	50.12
MUs	70.79	7.81	13.67	92.28	37.63	18.12	18.56	67.25	85.69	-9.15	-11.26	241.31	38.06	242.20	44.74	324.12	50.18

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 15/Aug/2011

Position as on 6.30 Hrs of 16/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
Tata Trombay 8	250	15/07/2011	01:45	15/08/2011	22.15	AOH	
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		Continued.	Maint.Work.	16/08/2011
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-2)	210	09/08/2011	00.18	15/08/2011	18.29	Wet Coal.	
Cent_Sect NTPC(V-5)	210	09/08/2011	17.45		Continued.	Wet coal problem.	
Cent_Sect NTPC(V-8)	500	09/08/2011	22.47		Continued.	Wet Coal.	
Parli Unit 5	210	13/08/2011	16.15		Continued.	Boiler Tube Leakage	18/08/2011
Cent_Sect NTPC(V-3)	210	13/08/2011	21.29		Continued.	Wet Coal	
Khaparkheda Unit 4	210	14/08/2011	19.04		Continued.	Furnace Pressure High.	19/08/2011
Uran Unit 6	108	15/08/2011	20.24	15/08/2011	20.48	Boiler Protection Operated.	
Koradi Unit 6	210	15/08/2011	23.40	16/08/2011	02.24	Furnace Pressure High.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/Aug/2011

Position as on 6.30 Hrs of 16/Aug/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Aurangabad- II	26/07/2011	20.52		Continued.	Over voltage.
Akola - Wardha - I	26/07/2011	23.53		Continued.	Over Voltage.
Akola - Wardha - II	31/07/2011	22.03		Continued.	Over Voltage
Dhule-Khandwa I	10/08/2011	23.34		Continued.	Over Voltage.
Kolhapur - Mapusa - I	12/08/2011	22.56		Continued.	Over Voltage.
Karad - Solapur (PGCIL)	14/08/2011	22.34	15/08/2011	05.55	Over Voltage.
Karad - Solapur (PGCIL)	15/08/2011	17.47	16/08/2011	05.43	Over Voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
Tillary-Amona	15/08/2011	07.57	15/08/2011	17.15	Due to Tripping of Halkari-Tillari Line.
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.
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.
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 - I	12/08/2011	21.43		Continued.	Over Voltage.
Bhusawal- Aurangabad	14/08/2011	21.06	15/08/2011	11.31	Over Voltage.
Bhusawal- Aurangabad	15/08/2011	17.23		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	15/08/2011	22.33		Continued.	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.
BBLSR-Waluj	08/08/2011	07.55	15/08/2011	11.22	To control BBLSR ICT Loading.
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.
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).
Koradi-Ambazari-I	14/08/2011	18.04	15/08/2011	02.03	R Ph. Jumper Broken @ Tower No.1.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Aug/2011

Position as on 6.30 Hrs of 16/Aug/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Halkarni - Tillari - II	15/08/2011	07.57	15/08/2011	08.23	Distance Protection.
Halkarni - Tillari - II	15/08/2011	08.59	15/08/2011	09.31	Distance Protection.
Voltage Level : 132KV			Outage Type TRIPPED		
Amravati - Morshi	14/08/2011	23.54	15/08/2011	00.03	Distance Protection Operated Zone-I.
Nanded - Umri	15/08/2011	15.35	15/08/2011	21.24	Tripped O/C,Jumper Snapped @ Loc No.104.
Kandhar-Mukhed	16/08/2011	01.03	16/08/2011	01.35	Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 16/Aug/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	145
Unit 6	210	135
Unit 7	210	155
	620	435
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	0
Unit 6	250	185
Unit 7	250	130
	1130	445
Chandrapur		
Unit 1	210	120
Unit 2	210	120
Unit 3	210	170
Unit 4	210	0
Unit 5	500	175
Unit 6	500	120
Unit 7	500	0
	2340	705
Paras		
Unit 3	250	135
Unit 4	250	135
	500	270
Khaparkheda		
Unit 1	210	161
Unit 2	210	153
Unit 3	210	162
Unit 4	210	0
Unit 5	500	
	1340	476
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	0
Unit 4	210	140
Unit 5	210	160
	870	300
Uran		
All Units	852	580
	852	580
Dabhol		
RGPP	1940	1560
	1940	1560
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	0
TILLARI	60	60
BHTGR/VEER	21	8
BHIRA T.R.	80	80
RNGR+BHTSA	20	2
BHANDARDRA	45	32
ELDARY	23	
SMLHY PTN	12	11
GHATGHAR	250	
	611	229
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	550
WARDHA	405	260
Other CPPs	0	
	1005	810
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	150
TATA Hydro	444	447
	2024	1777
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3626
	3455	3626