



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

State Load Dispatch Center, Airoli

Daily system Report

for

26/Aug/2010

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 26/Aug/2010 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	78.880	1885.984	1) Madhya Pradesh	67.311	1523.772
2) Hydro	9.353	183.252	2) Gujrat	28.748	898.792
3) Gas	15.784	406.238	3) Goa	-5.865	-149.846
Total MSGENCO	104.017	2475.474	4) TAPS 1&2 (Inj.)	7.659	197.908
B) OTHERS			5) Pench (Excess)	-0.094	-1.401
1) RGPPL Gas	30.404	691.123	# Total Cent. Sector	97.759	2469.225
2) Wind Generation	2.613	308.555	F) Other Exchanges		
3) CPP / IPP	5.704	167.606	1) With TPCL (Excess)	-12.705	-291.464
4) PENCH (MS)	0.094	1.401	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	4.844	108.573
1) TPCL Thermal	26.026	586.965	Include PX	3.859	154.808
2) TPCL Hydro	1.717	110.419	2) MUMBAI Bilateral	13.317	310.018
TOTAL TPCL	27.743	697.384	Include PX	5.088	116.198
3) REL Thermal	12.533	327.412	3) MUMBAI Schedule	13.317	315.668
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	117.439	2800.361	1) MSEDCL	227.886	5821.920
2) Hydro (A2+B3+C2)	11.164	295.072	2) TPCL	35.150	868.132
3) Gas (A3+B1)	46.188	1097.361	3) REL	17.827	448.014
4) Wind (B2)	2.613	308.555	TOTAL STATE	280.863	7138.066
5) CPP (B3)	5.704	167.606			
TOTAL STATE	183.108	4668.955			

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	3365	3347	3246
MSGENCO Hydro	701	1083	63
MSGENCO Gas	654	651	665
MSGENCO Total Generation	4720	5081	3974
Central Sector Receipt	3782	4343	4161
RGPPL	1319	1173	1362
WIND	27	132	142
CPP / IPP	261	257	169
Exchange with TPCL	-856	-604	-133
MSEDCL DEMAND MET	9253	10393	9675
Load Shedding	2037	2921	767
MSEDCL DEMAND (INCL. LS)	11290	13314	10442
TPCL GENERATION	1354	1455	804
REL GENERATION	517	524	520
TPCL+REL DEMAND	2727	2583	1457
STATE DEMAND MET	11980	12976	11132
STATE DEMAND (INCL. LS)	14017	15897	11899
Frequency (Hz)	49.89	49.29	49.91
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3794 MW AT 20.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			69.14 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.44 Hz at 06.05 Hrs	48.77 Hz at 19.22 Hrs	49.84	1.37 % 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 26/Aug/2010

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.00	31.38	0	0	0
Unit 2	0.76	22.68	46	18	40
Unit 3	0.64	20.72	50	11	18
Unit 4	0.00	5.82	0	0	0
Unit 5	1.01	63.84	80	0	0
Unit 6	0.87	53.69	99	0	0
Unit 7	0.00	48.04	0	0	0
	3.28	246.17			58
Bhusawal					
Unit 1	0.86	5.25	49	22	40
Unit 2	3.10	60.65	150	110	150
Unit 3	0.00	0.00	0	0	0
	3.96	65.90			190
Parli					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.46	5.01	23	10	20
Unit 3	2.85	69.84	137	95	110
Unit 4	2.50	4.80	129	85	110
Unit 5	3.03	51.47	140	106	100
Unit 6	3.96	71.98	184	140	150
Unit 7	3.04	57.36	206	81	125
	15.84	260.46			615
Chandrapur					
Unit 1	2.79	70.86	138	83	150
Unit 2	3.16	71.45	154	93	140
Unit 3	3.92	21.96	199	79	180
Unit 4	0.00	50.26	0	0	0
Unit 5	6.02	131.35	320	170	275
Unit 6	4.41	101.56	245	130	200
Unit 7	5.83	150.52	295	209	250
	26.13	597.95			1195
Paras					
Unit 2	0.44	2.99	21	15	15
Unit 3	3.46	58.65	174	108	160
Unit 4	3.83	55.09	190	68	
	7.73	116.73			175
Khaparkheda					
Unit 1	4.26	108.98	210	130	160
Unit 2	3.78	87.25	177	135	140
Unit 3	3.56	100.23	156	138	150
Unit 4	0.00	48.44	0	0	0
	11.60	344.90			450
Nasik					
Unit 1	1.45	30.80	74	46	80
Unit 2	1.30	23.60	65	36	70
Unit 3	2.31	71.69	120	75	140
Unit 4	2.94	60.61	150	101	140
Unit 5	2.34	67.18	124	70	120
	10.33	253.88			550
Koyna					
Stage 1-2	5.20	74.11	480	35	600
Stage 4	0.00	0.00	0	0	
Stage 3	1.43	28.74	316	0	320
	6.63	102.85			920
Kovna 12&4 Total	5.20	74.11			600

Generating unit		Generation				OLC (MW)
		Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Uran						
All Units		15.78	406.24	675	635	640
		15.78	406.24			640
Hydro						
KDPH		0.00	0.00	0	0	0
VTRNA		0.00	1.92	0	0	0
TILLARI		0.04	6.63	40	0	60
BHTGR/VEER		0.11	4.73	5	4	8
BHIRA T.R.		0.16	10.14	65	0	80
RNGR+BHTSA		0.06	1.30	3	2	3
BHANDARDRA		0.00	9.03	0	0	0
ELDARY		0.00	0.00	0	0	0
SMLHY PTN		0.54	14.92	30	20	8
GHATGHAR		1.81	31.72	250	0	0
		2.72	80.40			159
PENCH (MS)						
Pench (MS)		0.09	1.40	27	0	
		0.09	1.40			
Wind						
MalharPeth		0.11	13.09			
Vankuswadi		0.27	27.00			
ATIT		0.03	8.25			
Kale		0.10	10.96			
Satara		0.07	27.75			
Shirala		0.10	11.34			
K Mahankal		0.24	13.87			
Supa		0.02	4.46			
Vita		0.37	49.99			
Dondaicha		0.68	78.11			
Sakri		0.15	16.43			
Nandurbar		0.14	10.46			
Khandke		0.15	19.85			
Khaparale		0.18	17.00			
		2.61	308.56			
CPP						
TOTAL CPP		5.70	167.61			
		5.70	167.61			
Dabhol						
RGPPL		30.40	691.12	1363	1160	1250
		30.40	691.12			1250
Tata						
Trombay 4		0.00	4.07	0	0	0
Trombay 5		9.78	162.98	450	300	500
Trombay 6		7.12	184.74	480	150	500
Trombay 7A		2.90	66.34	123	118	120
Trombay 7B		1.61	35.78	68	66	60
Trombay 8		4.60	133.05	240	150	250
TATA Hydro		1.72	110.42	311	0	447
		27.74	697.38			1877
REL						
1&2		12.53	327.41	527	513	500
		12.53	327.41			500
Cent Sect						
Share						3980
						3980
MS PG CL	Thermal	78.88	1885.98			3233
	Thml+Gas	94.66	2292.22			3873
	Hydro	9.35	183.25			1079
	Total	104.02	2475.47			4952
State Total		183.11	4668.96			12559

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/Aug/2010

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP / IPP	CS SHARE	CS RECPT	TPCL SCH.	TPCL NET EXCH.	MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS														
1	3255	63	668	3986	1362	187	194	3361	3985	-281	-369	9345	1457	10802	1853	12655	49.90
2	3220	63	669	3952	1362	160	192	3266	3838	-299	-274	9230	1468	10698	1679	12377	49.96
3	3299	78	666	4043	1361	163	265	3194	4123	-230	-199	9756	1147	10903	1555	12458	49.96
4	3246	63	665	3974	1362	142	169	3123	4161	-166	-133	9675	767	10442	1457	11899	49.91
5	3158	63	666	3887	1362	143	218	3123	4212	-166	-132	9690	874	10564	1510	12074	49.95
6	3134	68	674	3876	1363	145	196	3123	4324	-166	-135	9769	1395	11164	1597	12761	49.92
7	3230	63	675	3968	1345	141	209	3266	3634	-300	-272	9025	1989	11014	1761	12775	50.15
8	3300	63	669	4032	1342	108	217	3373	3516	-324	-301	8914	2405	11319	1850	13169	50.09
9	3232	71	667	3970	1342	71	243	3477	3597	-513	-489	8734	2573	11307	2117	13424	49.91
10	3221	123	667	4011	1341	42	233	3530	4124	-632	-612	9139	2358	11497	2456	13953	49.86
11	3426	370	666	4462	1342	28	245	3725	3868	-818	-801	9144	2179	11323	2658	13981	49.90
12	3365	701	654	4720	1319	27	261	3797	3782	-889	-856	9253	2037	11290	2727	14017	49.89
13	3424	589	647	4660	1240	26	258	3773	4131	-865	-844	9471	1774	11245	2671	13916	49.83
14	3252	624	643	4519	1191	27	253	3725	4265	-818	-805	9450	1870	11320	2595	13915	49.82
15	3090	536	644	4270	1184	33	248	3693	4378	-818	-821	9292	2121	11413	2628	14041	49.74
16	3207	276	644	4127	1184	61	250	3634	4205	-818	-820	9007	2375	11382	2625	14007	49.83
17	3429	338	654	4421	1186	119	259	3634	4029	-818	-789	9225	2456	11681	2592	14273	49.95
18	3457	376	652	4485	1188	84	256	3634	3988	-818	-782	9219	2586	11805	2557	14362	49.86
19	3463	858	637	4958	1186	105	258	3934	4167	-718	-716	9958	2637	12595	2506	15101	49.70
20	3347	1083	651	5081	1173	132	257	3890	4343	-595	-604	10393	2921	13314	2583	15897	49.29
21	3286	1019	635	4940	1167	159	256	3939	4469	-619	-465	10553	2659	13212	2456	15668	49.43
22	3344	780	658	4782	1169	147	248	4003	4326	-597	-541	10158	2380	12538	2313	14851	49.65
23	3254	627	656	4537	1173	187	257	3732	4266	-560	-507	9940	1947	11887	2178	14065	49.79
24	3247	458	657	4362	1160	177	262	3400	4031	-489	-438	9556	1938	11494	2057	13551	49.87
MUs	78.89	9.35	15.78	104.02	30.40	2.61	5.70	85.35	97.76	-13.32	-12.70	227.90	48.31	276.21	52.98	329.19	49.84

NOTE : ALL VALUES IN MW

TPCL Sch./Net Exch is shown with reference to MSETCL System. (+) indicates TPCL to MSETCL and (-) indicates MSETCL to TPCL. TPCL Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL loss for export)
Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 26/Aug/2010

Position as on 6.30 Hrs of 27/Aug/2010

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect KARPR1	220	01/07/2008	00:10		Continued.	COH(En-Mass Coolant Clanel Replacement)	30/12/2010
Koyna ST-IV 1	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Koyna ST-IV 2	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Koyna ST - IV 4	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Koyna ST - IV 3	250	16/07/2010	00.00		Continued.	Preparing Work for 2nd Lake Tapping.	15/11/2010
Bhusawal Unit 3	210	31/07/2010	05.26		Continued.	Annual Overhaul.	15/09/2010
Cent_Sect KARPR2	220	14/08/2010	14:16		Continued.	Annual Overhaul.	30/08/2010
Cent_Sect NTPC(V-8)	500	20/08/2010	00.46		Continued.	AOH.	15/09/2010
FORCED OUTAGE							
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Uran Unit 3	60	16/06/2010	19.52		Continued.	R.M.Work.	
Parli Unit 1	30	18/06/2010	12:11		Continued.	For Scrapping.	
Dabhol 2A	230	12/07/2010	01.55		Continued.	Tripped due to Electrical Fault	27/08/2010
Khaparkheda Unit 4	210	16/08/2010	02.50	26/08/2010	08.50	Tripped on Generator side Liquid sealing leakage	
Chandrapur Unit 4	210	19/08/2010	15.49		Continued.	Furnace Pressure High	27/08/2010
Koradi Unit 4	115	24/08/2010	06.02		Continued.	Reverse Power Flow relay operated	
Koradi Unit 1	105	25/08/2010	11.51		Continued.	Boiler Inspection.	27/08/2010
Koradi Unit 5	200	25/08/2010	19.41	26/08/2010	02.27	Furnace Pressure High.	
Koradi Unit 6	210	26/08/2010	02.45	26/08/2010	14.21	Furnace Pressure High.	
Koradi Unit 7	210	26/08/2010	02.45		Continued.	Poor Bunkering.	
Koradi Unit 5	200	26/08/2010	04.39	26/08/2010	09.06	Furnace Pressure High.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Aug/2010

Position as on 6.30 Hrs of 27/Aug/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Wardha - Akola - II	11/07/2010	13.07		Continued.	Over Voltage
Kolhapur - Mapusa - II	12/08/2010	21.27		Continued.	Over Voltage.
Dhule-Khandwa-II	25/08/2010	02.38	26/08/2010	07.23	H/T B phase CVT failed
Dhule - S'Sarovar- II	26/08/2010	07.10	26/08/2010	08.40	H/T for O/V.
Dhule - S'Sarovar- II	26/08/2010	22.08		Continued.	H/T for O/V.
Voltage Level : 400KV			Outage Type TRIPPED		
Akola - Aurangabad - I	21/08/2010	06.06		Continued.	Tripped on O/V.
Voltage Level : 220KV			Outage Type TRIPPED		
Kalmeshwar - Pandurna	25/08/2010	23.51	26/08/2010	05.32	Distance Protection R-E, Tripped @ Kalmeshwar end only.
IntraState					
Voltage Level : 500KV			Outage Type PLANNED OUTAGE		
Chandrapur-Padaghe Pole - II	26/08/2010	08.25		Continued.	Annual maintenance.
Chandrapur - Padgha Pole -I	26/08/2010	08.25		Continued.	Annual Maintenance
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50 MVAR Reactor of Chandrapur - Parli - II @ Parli	12/08/2009	10.15		Continued.	Bushing Problem.
Main Bus-I At Stage-4 Koyna.	12/08/2010	11.50		Continued.	Routine Maintenance Work.
New Koyna - Koyna Stage IV - II	22/08/2010	07.30		Continued.	Maint.Work
400/220 KV, 315 MVA ICT-I At Jejuri	26/08/2010	08.25	26/08/2010	20.30	Q.M.Work.
400/220 KV 315 MVA ICT - I @ Chakan	26/08/2010	10.15		Continued.	For putting I/S fire fighting protection system.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125MVA ICT-IV @ Kalwa	02/08/2010	10.10		Continued.	Replacement of 125 MVA ICT by 200 MVA New ICT.
220/100 125 MVA ICT - II @ Trombay	23/08/2010	12.17		Continued.	Dismantling of existing ICT and commissioning of New 200MVA ICT
220 KV TBC @ Dhamangaon	25/08/2010	10.45	26/08/2010	15.30	Bkr Overhaul Work.
220 KV Aux.Bus At 400KV Chandrapur	26/08/2010	09.25	26/08/2010	11.07	Maintenance work.
Phursungi - Parvati	26/08/2010	09.29	26/08/2010	20.05	Replacement of disc insulator.
Main Bus @ Alephata	26/08/2010	09.38		Continued.	Maintenance work.
Jejuri-Phursungi	26/08/2010	09.50	26/08/2010	19.50	Replacement of disc insulator.
Chandrapur MIDC - Gadchandur	26/08/2010	16.20	26/08/2010	17.46	Relay testing work.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Kanhan - Bhandara - II	25/08/2010	04.08		Continued.	Attend Air Compressor Leakage Problem of Main Bkr. Ckt on TBC.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
80 MVAR Line Reactor of Lonikand - Karad @ Karad	04/03/2010	11.58		Continued.	Red Hot Spot Observed on Earthing.
Bhusawal- Aurangabad	21/08/2010	17.58		Continued.	H/T for taken Bhusawal-BBLSR line in

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Aug/2010

Position as on 6.30 Hrs of 27/Aug/2010

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
					service.
Dhule - Babhaleshwar - I	27/08/2010	00.21		Continued.	H/T for O/V.
Voltage Level : 400KV			Outage Type TRIPPED		
Karad - Kolhapur - I	27/07/2010	18.42	25/08/2010	Continued.	Over Voltage.
Lonikand - Jejuri	26/08/2010	12.10	26/08/2010	13.33	Tripped at Lonikand end. Taken on TBC.
Lonikand-Karad	26/08/2010	16.32	26/08/2010	17.26	Over voltage.
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 200 MVA ICT - II @ Theur	01/06/2010	03.57		Continued.	Oil Tank Burst.
220/100 KV 200 MVA ICT- II @ Apta	15/08/2010	21.10		Continued.	Tripped on Diff.prot.CTR system operated
220/33KV 100 MVA ICT - I @ Walve	26/08/2010	11.15	26/08/2010	13.25	Tripped on P.R.V.indication
Jejuri-Jejuri I	26/08/2010	12.12	26/08/2010	13.15	Bus fault.
Nasik-Raymond	26/08/2010	14.05	26/08/2010	15.34	Distance protection.
Ambazari-Wardha	26/08/2010	14.38	26/08/2010	14.53	Distance protection.
Jejuri-Phursungi	26/08/2010	18.25	26/08/2010	23.02	Distance protection.
Pusad - Nanded	26/08/2010	19.41	26/08/2010	19.58	Distance protection.
Bableshwar - Ahemednagar - I	27/08/2010	02.15		Continued.	Distance protection.
Voltage Level : 132KV			Outage Type TRIPPED		
Nardhane-Dhule	27/08/2010	04.25		Continued.	Distance protection.
Nardhane - Shirpur	27/08/2010	05.15		Continued.	Distance protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 27/Aug/2010

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	33
Unit 3	105	39
Unit 4	105	0
Unit 5	200	100
Unit 6	210	100
Unit 7	210	0
	1040	272
Bhusawal		
Unit 1	58	40
Unit 2	210	150
Unit 3	210	0
	478	190
Parli		
Unit 1	30	0
Unit 2	30	20
Unit 3	210	150
Unit 4	210	130
Unit 5	210	140
Unit 6	250	150
Unit 7	250	130
	1190	720
Chandrapur		
Unit 1	210	110
Unit 2	210	100
Unit 3	210	140
Unit 4	210	0
Unit 5	500	250
Unit 6	500	150
Unit 7	500	250
	2340	1000
Paras		
Unit 2	55	11
Unit 3	250	73
Unit 4	250	0
	555	84
Khaparkheda		
Unit 1	210	190
Unit 2	210	170
Unit 3	210	180
Unit 4	210	160
	840	700
Nasik		
Unit 1	120	73
Unit 2	120	80
Unit 3	210	82
Unit 4	210	122
Unit 5	210	122
	870	479
Koyna		
Stage 1-2	600	600
Stage 4	1000	0
Stage 3	320	320
	1920	920
Uran		
All Units	852	640

Generating unit	Derated Capacity (MW)	OLC (MW)
	852	640
Hydro		
KDPH	40	0
VTRNA	60	0
TILLARI	60	0
BHTGR/VEER	21	4
BHIRA T.R.	80	80
RNGR+BHTSA	20	2
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	9
GHATGHAR	250	0
	611	95
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		
TOTAL CPP	0	
	0	
Dabhol		
RGPPL	960	1250
	960	1250
Tata		
Trombay 4	150	0
Trombay 5	500	450
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1827
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	4021
	3143	4021