



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

State Load Dispatch Center, Airoli

Daily system Report

for

26/Oct/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 26/Oct/2011 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	105.306	2359.934	1) Gujrat	11.442	342.212
2) Hydro	2.868	488.770	2) Madhya Pradesh	17.481	527.082
3) Gas	15.114	373.665	3) Chattisgarh	13.380	308.120
Total MSGENCO	123.288	3222.369	4) Maharashtra	38.438	1075.776
B) OTHERS			5) Goa	-4.933	-155.322
1) JSW JAIGAD	24.547	551.511	6) TAPS 1&2 Injection	7.837	185.364
2) WPCL	7.211	240.761	7) RGPPL Injection	36.195	303.754
3) Other CPP / IPP	4.829	125.694	8) Pench (Excess)	-0.402	-13.871
4) Wind Generation	8.994	76.439	# Total Cent. Sector	119.438	2573.115
5) PENCH (MS)	0.402	14.664	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-9.005	-254.690
1) TPCL Thermal	25.630	769.888	G) Bilateral Power *		
2) TPCL Hydro	0.020	88.531	1) MSEDCL Bilateral	31.501	804.545
TOTAL TPCL	25.650	858.419	Include PX	0.000	175.412
3) REL Thermal	12.366	325.377	2) MUMBAI Bilateral	10.229	311.611
D) STATE			Include PX	1.284	24.315
1) Thermal (A1+C1+C3)	143.302	3455.199	3) MUMBAI Schedule	10.229	312.636
2) Hydro (A2+B5+C2)	3.290	591.965	H) ENERGY CATERED (MUs)		
3) Gas (A3)	15.114	373.665	1) MSEDCL	279.704	7132.800
4) Wind (B4)	8.994	76.439	2) TPCL	31.340	958.406
5) CPP (B1+B2+B3)	36.587	917.966	3) REL	15.681	480.523
TOTAL STATE	207.287	5415.234	TOTAL STATE	326.725	8571.729

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 8 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4454	4485	4090
MSGENCO Hydro	76	322	86
MSGENCO Gas	653	629	656
MSGENCO Total Generation	5183	5436	4832
Central Sector Receipt	4424	5274	4908
WIND	345	259	416
CPP / IPP	1447	1517	1482
Exchange with Mumbai	-150	-442	-278
MSEDCL DEMAND MET	11249	12096	11439
Load Shedding (LS)	143	85	63
MSEDCL DEMAND (INCL. LS)	11392	12181	11502
TPCL GENERATION	1081	1388	845
REL GENERATION	527	525	521
TPCL+REL DEMAND	1758	2355	1644
STATE DEMAND MET	13007	14451	13083
Load Management (LM)	1571	275	265
Total Load Relief (LS+LM)	1714	360	328
UNRESTRICTED STATE DEMAND	14721	14811	13411
Frequency (Hz)	50.28	50.02	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.62 Hz at 16.07 Hrs	49.25 Hz at 18.12 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 26/Oct/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	0.00	82.27	0	0	0
Unit 6	3.63	77.17	165	134	155
Unit 7	0.00	22.85	0	0	0
Total	3.63	182.28			155
Bhusawal					
Unit 2	3.90	20.46	170	140	170
Unit 3	3.40	82.39	155	125	160
Unit 4	0.00	3.62	0	0	0
Total	7.30	106.47			330
Parli					
Unit 3	3.42	81.00	158	112	150
Unit 4	3.87	29.94	180	129	150
Unit 5	3.09	75.84	140	117	130
Unit 6	0.00	80.31	0	0	0
Unit 7	4.42	28.04	212	115	200
Total	14.80	295.13			630
Chandrapur					
Unit 1	3.73	99.04	165	143	160
Unit 2	3.15	83.49	143	108	140
Unit 3	4.17	108.18	188	150	180
Unit 4	4.55	49.66	201	174	200
Unit 5	9.00	212.54	445	315	325
Unit 6	8.88	206.64	420	275	300
Unit 7	8.00	216.28	365	295	315
Total	41.48	975.84			1620
Paras					
Unit 3	3.78	81.74	174	137	150
Unit 4	3.10	58.84	174	96	150
Total	6.88	140.58			300
Khaparkheda					
Unit 1	4.59	100.78	205	180	180
Unit 2	4.52	74.91	198	174	170
Unit 3	4.76	106.54	218	175	190
Unit 4	5.23	111.61	221	211	210
Unit 5	0.00	31.95	0	0	0
Total	19.10	425.78			750
Nasik					
Unit 3	4.45	83.99	205	108	153
Unit 4	3.83	72.35	170	142	144
Unit 5	3.84	77.51	177	129	124
Total	12.11	233.85			421
Uran					
All Units	15.11	373.66	675	537	630
Total	15.11	373.66			630
PENCH (MS)					
Pench (MS)	0.40	14.66	52	0	0
Total	0.40	14.66			0
Koyna					
Stage 1-2	1.19	143.84	110	40	600
Stage 4	0.01	216.87	7	0	250
Stage 3	0.19	77.87	118	0	320
Total	1.38	438.57			1170
Kovna 12&4 Total	1.20	360.70			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	1.40	0	0	0
VTRNA	0.00	1.27	0	0	0
TILLARI	0.40	10.21	60	0	60
BHTGR/VEER	0.04	2.20	2	1	3
BHIRA T.R.	0.08	7.04	44	0	40
RNGR+BHTSA	0.36	8.54	16	15	15
BHANDARDRA	0.00	2.23	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.56	10.90	30	19	10
GHATGHAR	0.05	6.42	32	0	0
Total	1.48	50.20			128
Wind					
MalharPeth	0.93	4.99			
Vankuswadi	1.34	9.15			
ATIT	0.41	1.74			
Kale	0.40	2.99			
Satara	1.28	11.28			
Shirala	0.45	3.47			
K Mahankal	0.60	4.45			
Supa	0.14	2.14			
Vita	1.58	12.82			
Dondaicha	0.00	9.82			
Sakri	0.24	2.11			
Nandurbar	0.06	1.46			
Khandke	0.90	6.33			
Khaparale	0.65	3.68			
Total	8.99	76.44			
CPP					
JSW JAIGAD	24.55	551.51	1220	940	1100
WARDHA	7.21	240.76	307	293	330
Other CPPs	4.83	125.69			
Total	36.59	917.97			1430
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.75	296.73	490	300	490
Trombay 6	4.70	214.42	470	160	500
Trombay 7A	2.85	68.63	124	114	120
Trombay 7B	1.57	39.05	66	65	60
Trombay 8	5.76	151.06	245	196	250
TATA Hydro	0.02	88.53	10	0	447
Total	25.65	858.42			1867
REL					
1&2	12.37	325.38	527	419	500
Total	12.37	325.38			500
Cent Sect					
Share					5584
Total					5584

MS PG CL	Thermal	105.31	2359.93			4206
	Thml+Gas	120.42	2733.60			4836
	Hydro	2.87	488.77			1298
	Total	123.29	3222.37			6134
State Total		207.29	5415.23			15515

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/Oct/2011

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAND WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS													
1	4192	81	643	4916	585	1553	5313	4692	-467	-285	11479	251	11589	1956	13686	49.83
2	4155	76	645	4876	512	1546	5207	4814	-343	-258	11515	202	11578	1794	13511	49.76
3	4170	81	646	4897	455	1545	5216	4933	-319	-303	11552	281	11615	1695	13528	49.78
4	4090	86	656	4832	416	1536	5208	4908	-270	-278	11439	328	11502	1644	13411	50.01
5	4233	76	675	4984	396	1596	5208	5142	-270	-341	11802	675	11868	1654	14131	49.94
6	4213	146	635	4994	392	1716	5232	5244	-286	-227	12140	1239	12295	1718	15097	49.69
7	4356	131	653	5140	386	1718	5203	5364	-323	-166	12448	1410	12580	1771	15629	49.89
8	4454	76	653	5183	345	1447	5184	4424	-323	-150	11249	1714	11392	1758	14721	50.28
9	4507	148	651	5306	302	1481	5191	4345	-323	-246	11188	1094	11298	1788	14070	49.96
10	4534	155	647	5336	325	1528	5403	5031	-345	-407	11813	597	11977	1857	14267	49.87
11	4574	145	634	5353	410	1504	5487	5367	-422	-483	12151	535	12345	1895	14581	49.89
12	4536	144	634	5314	506	1490	5487	5149	-422	-329	12130	565	12319	1925	14620	49.95
13	4406	82	618	5106	490	1522	5513	5257	-422	-365	12010	642	12253	1966	14618	49.89
14	4305	87	616	5008	436	1436	5528	5288	-422	-361	11807	589	11993	1962	14358	49.99
15	4320	87	612	5019	372	1435	5489	5453	-422	-372	11907	630	12155	1974	14511	50.10
16	4428	82	623	5133	323	1445	5364	5195	-422	-364	11732	678	12019	1964	14374	50.00
17	4454	82	620	5156	235	1441	5359	4636	-422	-369	11099	620	11291	1972	13691	50.25
18	4472	122	622	5216	172	1619	5394	4208	-462	-338	10902	612	11024	1985	13499	49.91
19	4510	294	631	5435	222	1662	5565	5150	-617	-503	12010	404	12109	2326	14740	49.85
20	4485	322	629	5436	259	1517	5739	5274	-621	-442	12096	360	12181	2355	14811	50.02
21	4514	110	647	5271	328	1489	5752	5557	-621	-552	12114	359	12198	2336	14809	49.94
22	4493	101	650	5244	402	1481	5592	5143	-621	-645	11646	354	11725	2289	14289	49.94
23	4466	77	537	5080	339	1454	5258	4622	-549	-631	10911	347	10983	2243	13501	49.95
24	4439	77	537	5053	386	1426	5022	4242	-513	-590	10564	332	10629	2194	13090	50.08
MUs	105.3 1	2.87	15.11	123.29	8.99	36.59	128.91	119.44	-10.23	-9.00	279.70	14.82	282.92	47.02	341.54	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 26/Oct/2011

Position as on 6.30 Hrs of 27/Oct/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Koradi Unit 7	210	08/10/2011	23.43		Continued.	Annual overhaul.	03/11/2011
FORCED OUTAGE							
Bhusawal Unit 4	500	17/10/2011	03.55		Continued.	Hand Tripped	
Khaparkheda Unit 5	500	21/10/2011	00.40		Continued.	Furnace pressure low.	
Parli Unit 6	250	21/10/2011	21.19		Continued.	Low bunkering problem.	26/10/2011
Dabhol 1A	230	22/10/2011	17:56		Continued.	P.G. Test.	
CPP WPCL U-4	135	23/10/2011	01:42	26/10/2011	04.55	Maintenance work.	
Koradi Unit 5	200	25/10/2011	23.38		Continued.	ID Fan Problem	
CPP WPCL U-1	135	26/10/2011	10.26		Continued.	ID Fan Problem.	
Uran Unit B0	120	26/10/2011	22.11	27/10/2011	02.03	Turbine protection operated.	
Dabhol 3B	230	26/10/2011	23.03		Continued.	Gas shortage.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Oct/2011

Position as on 6.30 Hrs of 27/Oct/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Parli (PG)-Bhadravati I	08/10/2011	19.50		Continued.	Over Voltage
Parli-Parli (PGCIL) I	19/10/2011	21.40		Continued.	Over Voltage.
Parli (PGCIL)-Bhadravati-II	23/10/2011	21:57		Continued.	Over Voltage.
Dhule-Sar'Sarovar - I	24/10/2011	23.33		Continued.	Over Voltage.
Kolhapur - Mapusa - II	25/10/2011	16.19		Continued.	Over Voltage
Parly(PG)- Solapur(PG) - I	25/10/2011	17.33		Continued.	Over Voltage
Parly(PG)- Solapur(PG) - II	25/10/2011	22.53	26/10/2011	05.14	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Karad - Solapur (PGCIL)	22/10/2011	17:05		Continued.	Bus-I Bus bar protection operated due to Bursting of 400 KV Solapur (PGCIL) circuit breaker (Y-ph pole).
Voltage Level : 220KV			Outage Type TRIPPED		
Padgha - Boisar (PGCIL)	26/10/2011	14.11	26/10/2011	14.29	Tripped on Autoreclose.
Tillary-Amona	26/10/2011	20.15	27/10/2011	06.22	Tripped due to 'B' phase coupling condenser burst at Tilary end.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 315 MVA ICT-II @ Nagothane.	19/10/2011	10.45		Continued.	H V Side Taken on TBC.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(8 MonthOutage)
220/132 KV 250 MVA ICT at Ambazari	05/08/2011	10.41		Continued.	ICT is to be replaced by 200 MVA ICT
Wadkhal - Ndil - 2	23/10/2011	10:45		Continued.	Replacement of new CTPT metering.
Wardha-Abhijeet I	25/10/2011	20.12		Continued.	Main Brekaer Problem(Line taken on TBC)
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Supa - Shirur	23/10/2011	09:05		Continued.	Tower errection work.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220KV 315 MVA ICT-II @ Padgha	26/10/2011	09.24	26/10/2011	12.35	Hot Spot Attend.
315 MVA ICT-I @ Lonikand	26/10/2011	11.26	26/10/2011	16.17	Outage for attend Buchholz alarm.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - I	24/10/2011	06.50		Continued.	Over Voltage.
Bhusawal- Aurangabad	25/10/2011	22.00	26/10/2011	05.05	Over Voltage
Lonikand- Koyna Stage IV	25/10/2011	22.51		Continued.	Over Voltage
Bhusawal- Aurangabad	26/10/2011	08.01	26/10/2011	09.56	H/T for over voltage.
Bhusawal- Aurangabad	27/10/2011	00.26	27/10/2011	06.32	H/T for Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Chandrapur - Warora	12/10/2011	19.56		Continued.	For System Stabily.
Bale-Osmanbad	16/10/2011	05.08	26/10/2011	00.26	To control Parli ICT loading
Valve-Jamde	18/10/2011	17.18		Continued.	H/T due to Tower collapsed at Loc.N,40.44,45,46.
Vita - Lamboti	23/10/2011	15.40	26/10/2011	12.10	H/T for ICT overloading.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Oct/2011

Position as on 6.30 Hrs of 27/Oct/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Bale-Murud	26/10/2011	05.09	26/10/2011	14.47	Load of Murud shifted to control Parli ICT loading.
Bale-Osmanbad	26/10/2011	05.09		Continued.	H/T to control Parli ICT loading.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV 105 MVA Spare ICT at Parly II	22/08/2011	13.50		Continued.	To Remove Trip Coil Assembly for Bus Coupler.
400/220KV,100 MVA Spare Unit at Korady	04/10/2011	10.50		Continued.	Buchholz Alarm Recieved.
Karad-Jaigad II	26/10/2011	07.38	26/10/2011	10.03	H/T For O/v.
Voltage Level : 220KV			Outage Type TRIPPED		
Dondaicha - Jamde - I	18/10/2011	17.12		Continued.	Towers Damaged.
Dondaicha - Jamde - II.	18/10/2011	17.12		Continued.	Towers Damaged.
Dondaicha - Walve	18/10/2011	17.18		Continued.	Towers Damaged.
220/132KV 100MVA ICT-I at Bambhori	25/10/2011	19.06		Continued.	Tripped on R.E.F.
220/33 KV 50 MVA T/F-II @Pandharpur	26/10/2011	15.56	26/10/2011	16.06	Tripped HV side master trip And LV side over current.
Mumwadi - Halkarni - II	26/10/2011	20.15	26/10/2011	20.40	Tripped on dist. protection zone-1.
Halkarni -Tillary	26/10/2011	20.15	27/10/2011	05.35	At Tillary "B" Phase coupling condenser burst 60 MW Gen. loss at Tillary.
Voltage Level : 132KV			Outage Type TRIPPED		
Eldari - Jintur	19/10/2011	15.20		Continued.	B Phase Pole of C B Flashover.
Jalna - Jalna MIDC	26/10/2011	00.55	26/10/2011	01.45	'Y' Phase W T Jumper opened.
132 KV Bale-Mohol	26/10/2011	05.43	26/10/2011	05.55	Tripped On Dist. Prot.
132/33 KV 25 MVA T/F Velapur	26/10/2011	16.10	26/10/2011	16.20	Tripped back up prot.13.35 MW load affected.
null					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
50 MVAR Reactor of 400 KV Padgha-Bhoisor line	17/10/2011	19.47		Continued.	Oil Leakage at Padgha Reactor
Voltage Level : 132KV			Outage Type TRIPPED		
JALNA-KANHAIYYA NAGAR CKT	26/10/2011	00.55	26/10/2011	05.30	'Y' Phase W T Jumper opened.
132 KV Bale-MIDC	26/10/2011	21.50	26/10/2011	22.04	Tripped on distance protection 'R' phase.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 27/Oct/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	150
Unit 7	210	0
	620	150
Bhusawal		
Unit 2	210	170
Unit 3	210	160
Unit 4	500	
	920	330
Parli		
Unit 3	210	150
Unit 4	210	140
Unit 5	210	140
Unit 6	250	0
Unit 7	250	170
	1130	600
Chandrapur		
Unit 1	210	150
Unit 2	210	120
Unit 3	210	180
Unit 4	210	160
Unit 5	500	400
Unit 6	500	400
Unit 7	500	400
	2340	1810
Paras		
Unit 3	250	150
Unit 4	250	150
	500	300
Khaparkheda		
Unit 1	210	190
Unit 2	210	170
Unit 3	210	180
Unit 4	210	200
Unit 5	500	
	1340	740
Nasik		
Unit 3	210	190
Unit 4	210	170
Unit 5	210	150
	630	510
Uran		
All Units	852	640
	852	640
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	0
VTRNA	60	0
TILLARI	60	60

Generating unit	Derated Capacity (MW)	OLC (MW)
BHTGR/VEER	21	2
BHIRA T.R.	80	40
RNGR+BHTSA	20	15
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	12
GHATGHAR	250	0
	611	129
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	845
WARDHA	405	284
Other CPPs	0	
	1005	1129
Tata		
Trombay 4	150	
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	5631
	3455	5631

	17900	7 of 7 15506
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