



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

State Load Dispatch Center, Airoli

Daily system Report

for

26/Nov/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 26/Nov/2009 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	112.098	2812.803	1) Madhya Pradesh	61.850	1574.195
2) Hydro	21.018	363.777	2) Gujrat	0.381	211.145
3) Gas	15.749	374.675	3) Goa	-6.415	-160.649
Total MSGENCO	148.865	3551.255	4) TAPS 1&2 (Inj.)	7.320	189.192
B) OTHERS			5) Pench (Excess)	-0.219	-0.816
1) RGPPL Gas	21.913	576.687	# Total Cent. Sector	62.917	1813.067
2) Wind Generation	0.740	119.468	F) Other Exchanges		
3) PENCH (MS)	0.219	11.324	1) With TPCL	-4.750	-136.275
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	27.332	778.275	1) MSEDCL Bilateral	2.507	88.006
2) TPCL Hydro	4.709	104.984	Include PX	0.000	7.152
TOTAL TPCL	32.041	883.259	2) MUMBAI Bilateral	5.710	154.452
3) REL Thermal	12.638	226.867	Include PX	1.229	20.724
D) STATE			3) MUMBAI Schedule	5.710	159.562
1) Thermal (A1+C1+C3)	152.068	3817.945	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	25.946	480.085	1) MSEDCL	229.904	5935.526
3) Gas (A3+B1)	37.662	951.362	2) TPCL	32.335	824.530
4) Wind (B2)	0.740	119.468	3) REL	17.094	421.823
TOTAL STATE	216.416	5368.860	TOTAL STATE	279.333	7181.879

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 19 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	4499	4624	5054
MSGENCO Hydro	1352	1910	77
MSGENCO Gas	650	649	666
MSGENCO Total Generation	6501	7183	5797
Central Sector Receipt	2559	2857	2264
RGPPL	913	913	913
WIND	20	35	27
Exchange with TPCL	-372	-417	-7
MSEDCL DEMAND MET	9621	10583	8994
Load Shedding	1997	2871	0
MSEDCL DEMAND (INCL. LS)	11618	13454	8994
TPCL GENERATION	1631	1590	931
REL GENERATION	526	526	529
TPCL+REL DEMAND	2529	2533	1467
STATE DEMAND MET	12150	13116	10461
STATE DEMAND (INCL. LS)	14147	15987	10461
Frequency (Hz)	49.64	49.76	49.83
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			3191 MW at 19.00Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			45.50 Mus

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.41 Hz at 23.30 Hrs	49 Hz at 07.40 Hrs	49.76	.05 % of Time

* Displayed for information, not added in total. # Total Cent. Sector includes MSEDCL and Mumbai bilateral power.

State Load Dispatch Center,Airoli (MSETCL)

Daily and Progressive Generation,Maximum,Minimum,OLC Details for 26/Nov/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.59	46.88	82	53	50
Unit 2	1.37	20.59	69	37	65
Unit 3	1.47	29.36	82	35	70
Unit 4	1.46	33.35	77	37	70
Unit 5	2.75	73.79	137	92	120
Unit 6	2.87	83.59	138	98	120
Unit 7	2.94	86.84	150	104	120
	14.45	374.40			615
Bhusawal					
Unit 1	1.10	21.89	54	38	50
Unit 2	4.33	103.88	186	174	180
Unit 3	4.38	99.88	195	160	190
	9.82	225.64			420
Parli					
Unit 1	0.58	14.60	26	22	20
Unit 2	0.58	13.28	26	22	20
Unit 3	0.57	87.54	168	0	0
Unit 4	4.58	114.04	212	169	200
Unit 5	4.14	104.62	178	166	175
Unit 6	5.39	23.46	235	210	200
	15.82	357.53			615
Chandrapur					
Unit 1	3.67	97.55	156	150	160
Unit 2	3.56	86.30	164	134	160
Unit 3	4.11	78.65	200	142	200
Unit 4	4.21	99.43	190	150	210
Unit 5	9.84	184.30	448	351	450
Unit 6	0.72	216.35	396	0	0
Unit 7	9.15	223.90	420	350	400
	35.25	986.49			1580
Paras					
Unit 2	0.00	0.27	0	0	0
Unit 3	4.95	124.28	216	189	210
	4.95	124.55			210
Khaparkheda					
Unit 1	4.41	95.30	190	175	180
Unit 2	4.58	84.84	199	180	190
Unit 3	4.61	26.51	201	178	210
Unit 4	5.06	120.89	215	203	210
	18.66	327.54			790
Nasik					
Unit 1	2.15	49.79	92	86	90
Unit 2	2.18	48.25	99	86	90
Unit 3	4.36	116.36	203	2	185
Unit 4	4.46	104.82	196	175	180
Unit 5	0.00	97.43	0	0	0
	13.14	416.65			545
Uran					
All Units	15.75	374.68	668	638	630
	15.75	374.68			630
Koyna					
Stage 1-2	2.10	52.74	250	30	600
Stage 4	13.24	194.78	1092	0	250
Koyna 12&4 Total	15.33	247.52			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	3.60	52.47	318	0	320
	18.93	299.99			1170
Hydro					
KDPH	0.00	3.62	0	0	0
VTRNA	0.00	0.00	0	0	0
TILLARI	0.38	11.40	60	0	60
BHTGR/VEER	0.64	20.28	27	25	28
BHIRA T.R.	0.29	6.25	82	0	80
RNGR+BHTSA	0.31	8.16	15	12	15
BHANDARDRA	0.05	5.68	30	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	1.36	10	0	10
GHATGHAR	0.36	7.05	120	0	0
	2.09	63.79			193
PENCH (MS)					
Pench (MS)	0.22	11.32	53	0	
	0.22	11.32			
Wind					
MalharPeth	0.04	8.32			
Vankuswadi	0.19	18.92			
ATIT	0.02	4.56			
Kale	0.02	7.44			
Satara	0.09	7.45			
Shirala	0.02	6.41			
K Mahankal	0.00	5.26			
Supa	0.01	2.04			
Vita	0.27	21.74			
Dondaicha	0.00	17.60			
Sakri	0.00	2.55			
Nandurbar	0.00	1.68			
Khadakale	0.07	8.57			
Khaparale	0.01	6.92			
	0.74	119.47			
Dabhol					
RGPP L II	21.91	576.69	914	913	900
RGPP L III	0.00	0.00	0	0	
	21.91	576.69			900
Tata					
Trombay 4	2.80	20.08	125	109	120
Trombay 5	10.67	255.92	450	400	500
Trombay 6	9.31	248.62	505	150	500
Trombay 7A	2.92	72.65	124	118	120
Trombay 7B	1.63	41.21	69	67	60
Trombay 8	0.00	139.79	0	0	0
TATA Hydro	4.71	104.98	409	0	447
	32.04	883.26			1747
REL					
1&2	12.64	226.87	530	502	500
	12.64	226.87			500
Cent Sect					
Share					2886
					2886

MS PG CL	Thermal	112.10	2812.80		4775
	Thml+Gas	127.85	3187.48		5405
	Hydro	21.02	363.78		1363
	Total	148.86	3551.26		6768
State Total		216.42	5368.86		12801

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 26/Nov/2009

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CS SHARE	CS RECPT	MUMBAI		MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	MUMBAI DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS						SCH.	EXCH.						
1	5199	77	666	5942	913	27	2342	2173	-36	-6	9049	55	9104	1633	10737	49.84
2	5054	77	666	5797	913	27	2341	2264	-36	-7	8994	0	8994	1467	10461	49.83
3	4826	92	658	5576	913	27	2343	2597	-36		9113	0	9113	1420	10533	49.93
4	4740	82	668	5490	913	28	2344	2670	-36	1	9102	0	9102	1381	10483	49.85
5	4708	87	667	5462	913	29	2342	2553	-36	-3	8954	733	9687	1385	11072	49.75
6	4742	433	666	5841	913	27	2340	2472	-36	-2	9278	1442	10720	1466	12186	49.56
7	4741	406	666	5813	913	33	2340	2380	-36	-2	9164	2455	11619	1623	13242	49.56
8	4786	813	667	6266	913	30	2537	1992	-36	3	9231	2243	11474	1739	13213	49.49
9	4774	699	664	6137	914	31	2536	2243	-40	-5	9347	1985	11332	1926	13258	49.54
10	4744	1005	664	6413	913	31	2773	2679	-277	-236	9803	1984	11787	2263	14050	49.99
11	4629	1355	662	6646	913	24	2851	2559	-324	-275	9867	1776	11643	2461	14104	49.72
12	4499	1352	650	6501	913	20	2932	2559	-418	-372	9621	1997	11618	2529	14147	49.64
13	4514	1113	651	6278	913	23	2932	2585	-418	-370	9429	2104	11533	2531	14064	49.75
14	4508	1169	658	6335	913	23	2903	2834	-371	-336	9769	2035	11804	2439	14243	49.85
15	4518	1189	655	6362	913	23	2930	2607	-371	-333	9572	2294	11866	2492	14358	49.78
16	4524	1045	646	6215	913	24	2942	2733	-371	-332	9553	2372	11925	2495	14420	49.62
17	4484	1032	650	6166	913	25	2990	3020	-418	-382	9742	2424	12166	2488	14654	49.65
18	4352	1216	649	6217	913	31	2990	3088	-418	-380	9882	2473	12355	2439	14794	49.67
19	4624	1910	649	7183	913	35	3039	2857	-466	-417	10583	2871	13454	2533	15987	49.76
20	4616	1609	638	6863	913	51	2845	3001	-418	-379	10502	2808	13310	2466	15776	49.55
21	4573	1362	642	6577	913	52	2732	3064	-277	-230	10406	2539	12945	2311	15256	49.78
22	4632	1032	645	6309	913	50	2732	2825	-277	-231	9866	2555	12421	2187	14608	50.05
23	4645	933	648	6226	913	37	2744	2750	-277	-229	9697	2016	11713	1961	13674	49.99
24	4662	931	657	6250	913	37	2685	2405	-277	-227	9378	1480	10858	1794	12652	50.11
MUs	112.09	21.02	15.75	148.86	21.91	0.74	64.48	62.91	-5.71	-4.75	229.90	42.64	272.54	49.43	321.97	49.76

NOTE : ALL VALUES IN MW

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

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 26/Nov/2009

Position as on 6.30 Hrs of 27/Nov/2009

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)	31/03/2010
Tata Trombay 8	250	25/11/2009	00:35		Continued.	Performance Guarantee Test	10/12/2009
Nasik Unit 5	210	25/11/2009	01:50		Continued.	AOH	17/12/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	30/11/2009
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Dabhol 3A	230	08/11/2008	13.45		Continued.	Exhaust temp.& vibn.high	31/03/2010
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	07/01/2010
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Uran Unit 3	60	05/07/2009	21.12		Continued.	Stator Earth Fault	
Tata Trombay 4	150	18/11/2009	22.42		Continued.	W/Dn.	
Cent_Sect TARAPUR-4	540	20/11/2009	13.54		Continued.	Generator protection	28/11/2009
Cent_Sect NTPC(V-4)	210	25/11/2009	09.00	26/11/2009	12.41	Boiler tube leakage.	
Paras Unit 2	55	25/11/2009	19.11		Continued.	Oil line leakages.	28/11/2009
Chandrapur Unit 6	500	26/11/2009	02.11		Continued.	Boiler Tube Leakage.	30/11/2009
Parli Unit 3	210	26/11/2009	03.42		Continued.	Boiler Tube Leakage.	30/11/2009
Nasik Unit 3	210	26/11/2009	16.50	26/11/2009	17.55	Local backup Bus Bar protection	
Koradi Unit 2	105	27/11/2009	00.23		Continued.	ID Fan problem.	28/11/2009

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Nov/2009

Position as on 6.30 Hrs of 27/Nov/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
TILLARY-PHONDA	12/11/2009	09.50	26/11/2009	13.00	PLCC work at Amona Stn.(4 days).
Voltage Level : 400KV			Outage Type HAND TRIPPED		
WARDHA-AKOLA-II	24/10/2009	16.46		Continued.	H/T due to over voltage
Dhule-Sar'Sarovar II	09/11/2009	10:48		Continued.	H/T for O/V.
Wardha - Akola - I	11/11/2009	02.40	26/11/2009	13.05	H/T for O/V.
Seoni - Wardha	11/11/2009	02.41	26/11/2009	13.04	H/T for O/V.
Voltage Level : 400KV			Outage Type TRIPPED		
Seoni - Wardha	26/11/2009	16.06	26/11/2009	16.49	Tripped due to isolator sparking.
Voltage Level : 220KV			Outage Type TRIPPED		
Tillary-Amona-Phonda	26/11/2009	13.00		Continued.	Charged from Tillary end up to Amona
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/132KV,200 MVA ICT-II at Bhusawal	26/10/2009	09.32	26/11/2009	15.57	Over hauling work.
Akola 400 KV Main Bus-I.	25/11/2009	10.30	26/11/2009	05.37	For PGCIL Work.
Main Bus-I at Aurangabad	25/11/2009	12.51	26/11/2009	00.16	For PGCIL line work.
Chandrapur-parli - III	26/11/2009	06.44		Continued.	Dieversion work of 400 KV C'pur-Parli D/C line for WCL.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
220/132 KV 150 MVA ICT @ Amravati	22/11/2009	09:26		Continued.	Augmentation of 150 MVA ICT by 200 MVA ICT and other Works.
220/132 KV 150 MVA ICT-I at Dhule	23/11/2009	11:30		Continued.	Main C.B. Replacement work, ICT H V side on TBC.
KDPH-Wankuswadi	23/11/2009	15:00		Continued.	Taken on TBC for Breaker replacement.
Ghodbandar-Versova-I	26/11/2009	09.30	26/11/2009	12.42	Line maintenance work.
Kandalgaon-Khargar	26/11/2009	14.05	26/11/2009	17.35	Testing work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Bhandara-Tekepar	29/10/2009	09.13		Continued.	Breaker Replacement.
Solapur - Ujani	20/11/2009	09.40		Continued.	Breaker replacement
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/132KV 100MVA IBT at Parli.	22/11/2009	22:17		Continued.	Compressor Problem.
Pirangut-Hinjewadi	26/11/2009	15.53	26/11/2009	17.45	Hot spot in line braker.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
C'pur-Parli II	04/11/2009	18.20		Continued.	Land Sliding at Loc.No 78 at Borgaon,Tal-Wani.
Parli-Lonikand - II	16/11/2009	09:02	26/11/2009	10.39	H/T for controlling line loading of Chandrapur-Parali Lines
Parli-Lonikand - II	26/11/2009	10.39		Continued.	Charged from Parli end.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	26/11/2009	19.12		Continued.	H/T to load Akola ICT.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Chikhali - Khamgaon	06/11/2009	11:35		Continued.	To Control Chikhali line loading.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Nov/2009

Position as on 6.30 Hrs of 27/Nov/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 400KV			Outage Type TRIPPED		
Chandrapur - Bhadravati-IV	23/11/2009	15:49		Continued.	Bus bar Protection Operated.
Voltage Level : 220KV			Outage Type TRIPPED		
220/132KV 200MVA ICT-II at Jalna S/Stn.	23/11/2009	19:38		Continued.	Tripped on Diff. Prot.,OLTC Buchhlz.
Padgha-Boiser	26/11/2009	13.36	26/11/2009	14.23	Tripped on distance protection.
Nasik GCR 220 KV Bus Section-I	26/11/2009	16.49	26/11/2009	17.13	Bus bar protection operated.
220/132 KV 150 MVA ICT - I @ NSK.	26/11/2009	16.49	26/11/2009	17.13	Tripped.
Nasik-Bablswr Ckt I	26/11/2009	16.49	26/11/2009	17.13	Tripped.
Nasik-Kalwa	26/11/2009	16.49	26/11/2009	17.13	Tripped.
220/132KV, 150MVA ICT II at Nasik	26/11/2009	16.49	26/11/2009	17.13	Tripped.
Nasik GCR 220 KV Bus Section-II	26/11/2009	16.49	26/11/2009	17.13	Tripped.
Voltage Level : 132KV			Outage Type TRIPPED		
Harangul - Udgir	26/11/2009	03.07	26/11/2009	03.17	Tripped on distance protection.
Harangul - Udgir	26/11/2009	05.20	26/11/2009	05.25	Tripped on distance protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 27/Nov/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	75
Unit 2	105	0
Unit 3	105	60
Unit 4	105	70
Unit 5	200	150
Unit 6	210	110
Unit 7	210	150
	1040	615
Bhusawal		
Unit 1	58	50
Unit 2	210	185
Unit 3	210	190
	478	425
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	0
Unit 4	210	185
Unit 5	210	170
Unit 6	250	220
	940	615
Chandrapur		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	200
Unit 4	210	210
Unit 5	500	450
Unit 6	500	0
Unit 7	500	450
	2340	1630
Paras		
Unit 2	55	0
Unit 3	250	210
	305	210
Khaparkheda		
Unit 1	210	180
Unit 2	210	190
Unit 3	210	210
Unit 4	210	210
	840	790
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	190
Unit 4	210	180
Unit 5	210	0
	870	550
Uran		
All Units	852	620
	852	620
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	0
VTRNA	60	0
TILLARI	60	60
BHTGR/VEER	21	27
BHIRA T.R.	80	80
RNGR+BHTSA	20	15
BHANDARDRA	45	30
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	222
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	
Khadakale	0	
Khaparale	0	
	0	
Dabhol		
RGPL II	960	900
RGPL III	740	
	1700	900
Tata		
Trombay 4	150	120
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	0
TATA Hydro	444	447
	2024	1747
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2883
	3143	2883