



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

State Load Dispatch Center, Airoli

Daily system Report

for

29/Jan/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 29/Jan/2009 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	125.329	3522.162	1) Madhya Pradesh	72.006	1946.506
2) Hydro	15.389	296.945	2) Gujrat	15.200	440.111
3) Gas	13.052	343.637	3) Goa	-5.892	-156.934
Total MSGENCO	153.770	4162.744	4) TAPS 1&2 (Inj.)	7.183	145.502
B) OTHERS			5) Pench (Excess)	0.000	0.077
1) RGPPL Gas	7.323	363.554	# Total Cent. Sector	88.497	2375.262
2) Wind Generation	1.259	73.954	F) Other Exchanges		
3) PENCH (MS)	0.000	0.403	1) With TPCL	-7.591	-126.158
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	18.266	623.066	1) MSEDCL Bilateral	10.220	306.354
2) TPCL Hydro	4.600	108.489	Include PX	2.948	88.146
TOTAL TPCL	22.866	731.555	2) MUMBAI Bilateral	8.322	142.883
3) REL Thermal	12.720	347.212	Include PX	1.332	43.086
D) STATE			3) MUMBAI Schedule	8.322	142.933
1) Thermal (A1+C1+C3)	156.315	4492.440	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	19.989	405.837	1) MSEDCL	243.258	6850.162
3) Gas (A3+B1)	20.375	707.191	2) TPCL	28.800	805.846
4) Wind (B2)	1.259	73.954	3) REL	14.366	398.954
TOTAL STATE	197.938	5679.422	TOTAL STATE	286.424	8054.962

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 10 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	5332	5205	5027
MSGENCO Hydro	639	1321	132
MSGENCO Gas	550	597	491
MSGENCO Total Generation	6521	7123	5650
Central Sector Receipt	3711	3570	3713
RGPPL	306	307	306
WIND	44	101	46
Exchange with TPCL	-431	-400	-85
MSEDCL DEMAND MET	10151	10701	9630
Load Shedding	4775	4065	0
MSEDCL DEMAND (INCL. LS)	14926	14766	9630
TPCL GENERATION	1069	1236	753
REL GENERATION	530	530	530
TPCL+REL DEMAND	2030	2166	1368
STATE DEMAND MET	12181	12867	10998
STATE DEMAND (INCL. LS)	16956	16932	10998
Frequency (Hz)	49.32	49.43	49.73
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			5041 MW At 09.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			88.40 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.15 Hz at 04.05 Hrs	48.89 Hz at 07.41 Hrs	49.47	2.53 % of Time

* 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 29/Jan/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.83	31.80	87	50	55
Unit 2	1.85	49.50	86	70	70
Unit 3	0.00	23.85	0	0	0
Unit 4	1.77	39.07	82	70	70
Unit 5	3.34	93.62	184	0	160
Unit 6	3.84	103.96	174	139	150
Unit 7	4.14	109.68	204	146	160
	16.76	451.49			665
Bhusawal					
Unit 1	1.24	33.20	58	44	50
Unit 2	4.41	108.17	192	177	180
Unit 3	4.38	113.59	196	158	180
	10.03	254.96			410
Parli					
Unit 1	0.53	16.55	23	20	20
Unit 2	0.59	16.86	25	23	20
Unit 3	0.00	84.52	0	0	0
Unit 4	4.30	102.28	195	134	190
Unit 5	0.00	32.50	0	0	0
Unit 6	5.19	145.53	236	192	240
	10.60	398.24			470
Chandrapur					
Unit 1	4.16	118.25	180	170	170
Unit 2	3.86	112.33	163	159	160
Unit 3	5.06	146.86	212	189	210
Unit 4	4.54	134.96	196	175	185
Unit 5	10.82	292.42	482	424	470
Unit 6	10.62	291.46	476	425	460
Unit 7	10.92	278.46	478	427	470
	49.98	1374.74			2125
Paras					
Unit 2	1.08	25.05	48	38	20
Unit 3	4.75	114.72	244	169	200
	5.83	139.77			220
Khaparkheda					
Unit 1	4.44	130.00	202	160	200
Unit 2	4.67	131.95	207	165	200
Unit 3	4.24	130.92	202	152	200
Unit 4	4.57	46.18	200	180	200
	17.92	439.06			800
Nasik					
Unit 1	2.16	63.97	94	88	95
Unit 2	2.18	51.83	94	90	95
Unit 3	4.80	127.36	210	182	200
Unit 4	4.66	129.64	205	180	200
Unit 5	0.42	91.11	71	0	0
	14.21	463.91			590
Uran					
All Units	13.05	343.64	604	490	490
	13.05	343.64			490
Koyna					
Stage 1-2	2.02	51.92	205	40	600
Stage 4	6.72	91.19	747	0	250
Koyna 12&4 Total	8.75	143.11			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.14	30.78	236	0	240
	10.89	173.89			1090
Hydro					
KDPH	0.46	8.57	19	18	19
VTRNA	1.18	29.56	61	0	60
TILLARI	0.38	10.77	60	0	60
BHTGR/VEER	1.34	32.21	56	55	39
BHIRA T.R.	0.21	5.11	65	0	80
RNGR+BHTSA	0.41	11.02	17	16	13
BHANDARDRA	0.00	12.84	0	0	0
ELDARY	0.00	2.62	0	0	0
PAITHAN	0.06	1.47	12	0	0
GHATGHAR	0.46	8.88	125	0	0
	4.50	123.05			271
PENCH (MS)					
Pench (MS)	0.00	0.40	0	0	0
	0.00	0.40			0
Wind					
MalharPeth	0.10	4.52			
Vankuswadi	0.23	10.82			
ATIT	0.02	1.05			
Kale	0.07	3.49			
Satara	0.08	3.91			
Shirala	0.06	2.94			
K Mahankal	0.01	0.61			
Supa	0.01	1.94			
Vita	0.36	15.41			
Dondaicha	0.18	16.07			
Sakri	0.03	2.92			
Nandurbar	0.04	2.08			
Khadakale	0.06	6.38			
Khaparale	0.00	1.80			
	1.26	73.95			
Dabhol					
RGPPPL II	7.32	363.55	308	299	300
RGPPPL III	0.00	0.00	0	0	0
	7.32	363.55			300
Tata					
Trombay 4	3.06	58.35	140	101	130
Trombay 5	12.00	348.64	500	500	500
Trombay 6	0.00	116.83	0	0	0
Trombay 7A	1.87	61.12	90	70	100
Trombay 7B	1.34	38.12	59	53	60
TATA Hydro	4.60	108.49	473	2	447
	22.87	731.56			1237
REL					
1&2	12.72	347.21	531	529	500
	12.72	347.21			500
Cent Sect					
Share					3379
					3379

MS	Thermal+Gas	138.38	3865.80		5770
PG	Hydro	15.39	296.94		1361
CL	Total	153.77	4162.74		7131
State Total		197.94	5679.42		12547

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/Jan/2009

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	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	5055	185	491	5731	308	55	3117	3771	-124	-87	9778	0	9778	1373	11151	49.41
2	5027	132	491	5650	306	46	3117	3713	-124	-85	9630	0	9630	1368	10998	49.73
3	5059	142	491	5692	306	49	3118	3780	-124	-81	9746	218	9964	1365	11329	49.78
4	5082	132	490	5704	305	48	3119	3835	-124	-78	9814	773	10587	1364	11951	49.84
5	5111	157	492	5760	306	52	3115	3808	-120	-74	9852	1559	11411	1361	12772	49.81
6	5242	233	491	5966	307	51	2963	3647	-15	27	9998	2877	12875	1259	14134	49.38
7	5309	268	504	6081	306	60	3027	3520	-90	-48	9919	4153	14072	1362	15434	49.38
8	5279	385	523	6187	308	62	3384	3568	-94	-53	10072	4444	14516	1471	15987	49.24
9	5332	500	538	6370	306	50	3390	3465	-102	-63	10128	4725	14853	1665	16518	49.54
10	5332	639	550	6521	306	44	3750	3711	-459	-431	10151	4775	14926	2030	16956	49.32
11	5308	665	539	6512	302	42	3777	3763	-489	-462	10157	4357	14514	2153	16667	49.23
12	5242	730	532	6504	300	39	3869	3908	-584	-558	10193	4433	14626	2222	16848	49.30
13	5282	878	534	6694	299	24	3975	4015	-584	-569	10463	4317	14780	2165	16945	49.20
14	5246	941	542	6729	301	22	3973	3881	-584	-569	10364	4239	14603	2102	16705	49.50
15	5277	1180	557	7014	303	25	3970	3727	-584	-566	10503	4080	14583	2096	16679	49.52
16	5304	1118	562	6984	305	28	3969	3768	-584	-567	10518	3926	14444	2113	16557	49.62
17	5337	1123	562	7022	305	36	3972	3754	-585	-569	10548	3882	14430	2095	16525	49.53
18	5369	1003	562	6934	305	52	3993	3830	-592	-578	10543	3733	14276	2102	16378	49.47
19	5277	1200	562	7039	305	49	3743	3860	-419	-398	10855	3931	14786	2119	16905	49.34
20	5205	1321	597	7123	307	101	3379	3570	-419	-400	10701	4065	14766	2166	16932	49.43
21	5226	1201	604	7031	307	99	3388	3536	-418	-381	10592	3586	14178	2059	16237	49.40
22	5281	807	603	6691	306	87	3378	3466	-408	-372	10178	3588	13766	1913	15679	49.27
23	5308	247	585	6140	307	74	3441	3536	-410	-380	9677	3175	12852	1721	14573	49.44
24	5203	206	569	5978	307	62	3317	3513	-286	-249	9611	2246	11857	1533	13390	49.55
MUs	125.69	15.39	12.97	154.06	7.32	1.26	84.24	88.94	-8.32	-7.59	243.99	77.08	321.07	43.18	364.25	49.47

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 29/Jan/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 6	500	13/01/2009	00.11		Continued.	Capital overhaul	17/02/2009
Koradi Unit 3	105	18/01/2009	04.39		Continued.	Annual Overhaul	13/02/2009
Koyna Unit 12	80	20/01/2009	00.00		Continued.	Maintenance work	05/02/2009
Koyna ST-IV 1	250	20/01/2009	22:00		Continued.	Annual Overhaul	20/02/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	01/07/2009
Uran Unit 4	60	01/04/2008	00:00		Continued.	Gas Restriction	
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Uran Unit 3	60	23/10/2008	06.40		Continued.	Gas Restriction	
Dabhol 3A	230	08/11/2008	13.45		Continued.	Exhaust temp.& vibn.high	01/06/2009
Dabhol 3B	230	19/11/2008	19.55		Continued.	W/dn	15/02/2009
Dabhol 3X	290	19/11/2008	19.58		Continued.	W/dn	15/02/2009
Dabhol 1X	290	22/01/2009	12.03		Continued.	BHMS Installation work	31/01/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	31/01/2009
Nasik Unit 5	210	25/01/2009	22.10	29/01/2009	17.00	ID Fan Problem	
Parli Unit 5	210	28/01/2009	03.36		Continued.	Boiler Tube Leakage	31/01/2009
Parli Unit 3	210	28/01/2009	15:54		Continued.	Boiler Tube Leakage	31/01/2009
Koradi Unit 5	200	29/01/2009	18.32	29/01/2009	21.06	High Furnance Preasure	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/Jan/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
DHULE-SAR'SAROVAR-I	17/01/2009	22.16		Continued.	H/T FOR O/V
Voltage Level : 220KV			Outage Type TRIPPED		
Kolhapur - Chikodi	29/01/2009	08.17		Continued.	Tripped on Dist.Prot.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
ICT - II @ Chandrapur	28/01/2009	08.25	29/01/2009	16.46	CTR Fire Prot.Work.
50MVAR Bus Reactor at Bhusawal	29/01/2009	09.55	29/01/2009	20.08	L.A.replacement work
400/220KV 500MVA ICT @ JEJURI	29/01/2009	10.20	29/01/2009	17.49	Testing Work
Main Bus -II at Nagothane	29/01/2009	10.42	29/01/2009	19.14	ISOLATOR MAINTAINANCE WORK
KORADY-BHSQL CKT. I	30/01/2009	06.23		Continued.	Outage
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 150MVA ICT-II at Dhule	01/01/2009	11.10		Continued.	O/H (1 month outage)
52B Breaker interconnector at Kalwa	28/01/2009	09.30		Continued.	Breaker Replacement
Urse-Sahara	29/01/2009	09.40	29/01/2009	18.40	Insulator Replacement
Bus section -II at Chinchwad	29/01/2009	10.24	29/01/2009	15.08	ISOLATOR MAINTAINANCE WORK
220/132 KV,200MVA ICT at Chinchwad	29/01/2009	11.00	29/01/2009	15.22	Bay Maintenance work.
CHINCHWAD-PARVATI	29/01/2009	11.08	29/01/2009	17.56	R.M. Work
APTA-TAMBATI	29/01/2009	11.51	29/01/2009	15.45	Commissioning of protection couplers
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400 KV B.C.at Kalwa	29/01/2009	07.00	29/01/2009	07.59	To attend CB Gas leakage
BBLSR-BHUSAWAL	29/01/2009	21.57	30/01/2009	00.34	Testing Work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	30/01/2009	06.20		Continued.	Hand Tripped
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Warora-Hinganghat	28/01/2009	18.49	29/01/2009	17.43	To control C'PUR ICT loading
Voltage Level : 400KV			Outage Type TRIPPED		
BBLSR-BHUSAWAL	29/01/2009	14.23	29/01/2009	14.48	Tripped
Voltage Level : 220KV			Outage Type TRIPPED		
220/33KV 50 MVA T/F at A'bad	29/01/2009	09.30	29/01/2009	09.42	Over Current Earth Fault
Voltage Level : 132KV			Outage Type TRIPPED		
Bhandara-Tekepar	28/01/2009	22.55	29/01/2009	00.48	Tripped on Diff.Prot.
null					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Chandrapur MIDC - Gadchandur	29/01/2009	12.48	29/01/2009	14.15	Testing Work

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 30/Jan/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	70
Unit 2	105	70
Unit 3	105	0
Unit 4	105	80
Unit 5	200	140
Unit 6	210	150
Unit 7	210	140
	1040	650
Bhusawal		
Unit 1	58	50
Unit 2	210	180
Unit 3	210	190
	478	420
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	0
Unit 4	210	125
Unit 5	210	0
Unit 6	250	210
	940	375
Chandrapur		
Unit 1	210	170
Unit 2	210	160
Unit 3	210	210
Unit 4	210	185
Unit 5	500	460
Unit 6	500	450
Unit 7	500	450
	2340	2085
Paras		
Unit 2	55	40
Unit 3	250	200
	305	240
Khaparkheda		
Unit 1	210	190
Unit 2	210	190
Unit 3	210	185
Unit 4	210	180
	840	745
Nasik		
Unit 1	120	86
Unit 2	120	86
Unit 3	210	182
Unit 4	210	182
Unit 5	210	162
	870	698
Uran		
All Units	852	550
	852	550
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	19
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	50
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	292
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		
RGPPPL II	740	300
RGPPPL III	740	
	1480	300
Tata		
Trombay 4	150	120
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	100
Trombay 7B	60	60
TATA Hydro	444	447
	1774	1227
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3547
	3143	3547

	17146	12719
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