



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

State Load Dispatch Center, Airoli

Daily system Report

for

22/Jan/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 22/Jan/2009 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	122.220	2629.136	1) Madhya Pradesh	72.613	1464.363
2) Hydro	15.820	212.048	2) Gujrat	13.018	336.192
3) Gas	12.179	247.635	3) Goa	-5.675	-119.334
Total MSGENCO	150.219	3088.819	4) TAPS 1&2 (Inj.)	6.712	96.527
B) OTHERS			5) Pench (Excess)	0.000	0.077
1) RGPPL Gas	9.870	312.557	# Total Cent. Sector	86.668	1777.825
2) Wind Generation	2.276	60.987	F) Other Exchanges		
3) PENCH (MS)	0.000	0.403	1) With TPCL	-9.208	-72.086
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	18.942	498.235	1) MSEDCL Bilateral	10.216	238.008
2) TPCL Hydro	4.606	83.922	Include PX	3.182	70.721
TOTAL TPCL	23.548	582.157	2) MUMBAI Bilateral	9.509	85.002
3) REL Thermal	12.670	258.318	Include PX	3.330	27.755
D) STATE			3) MUMBAI Schedule	9.559	85.052
1) Thermal (A1+C1+C3)	153.832	3385.689	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	20.426	296.373	1) MSEDCL	239.825	5168.908
3) Gas (A3+B1)	22.049	560.192	2) TPCL	30.514	612.029
4) Wind (B2)	2.276	60.987	3) REL	14.910	300.517
TOTAL STATE	198.583	4303.241	TOTAL STATE	285.249	6081.454

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	5374	5260	4697
MSGENCO Hydro	442	1436	205
MSGENCO Gas	619	486	519
MSGENCO Total Generation	6435	7182	5421
Central Sector Receipt	3737	3679	3249
RGPPL	530	307	526
WIND	148	66	112
Exchange with TPCL	-457	-526	-75
MSEDCL DEMAND MET	10393	10708	9233
Load Shedding	4484	3791	0
MSEDCL DEMAND (INCL. LS)	14877	14499	9233
TPCL GENERATION	1074	1248	805
REL GENERATION	528	525	530
TPCL+REL DEMAND	2059	2299	1410
STATE DEMAND MET	12452	13007	10643
STATE DEMAND (INCL. LS)	16936	16798	10643
Frequency (Hz)	49.51	49.46	50.06
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4781 MW At 10.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			82.64 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.39 Hz at 04.05 Hrs	48.93 Hz at 06.57 Hrs	49.6	.17 % 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 22/Jan/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.66	20.12	82	35	70
Unit 2	1.81	37.46	84	70	70
Unit 3	0.00	23.85	0	0	0
Unit 4	1.57	27.97	87	33	80
Unit 5	4.00	69.60	183	150	160
Unit 6	3.81	78.74	178	138	160
Unit 7	4.30	83.59	210	138	160
	17.14	341.34			700
Bhusawal					
Unit 1	1.14	25.73	58	20	50
Unit 2	3.95	79.67	182	153	170
Unit 3	0.03	88.96	30	0	0
	5.12	194.36			220
Parli					
Unit 1	0.54	12.84	25	21	20
Unit 2	0.60	12.88	27	23	20
Unit 3	0.00	67.79	0	0	0
Unit 4	3.37	74.56	197	94	190
Unit 5	3.20	15.87	186	90	135
Unit 6	4.64	108.97	224	153	175
	12.37	292.91			540
Chandrapur					
Unit 1	4.09	89.15	180	156	170
Unit 2	3.91	85.40	166	152	160
Unit 3	5.03	111.72	212	186	210
Unit 4	3.97	104.93	178	148	170
Unit 5	10.60	218.46	482	401	450
Unit 6	10.36	218.35	470	399	450
Unit 7	10.39	204.18	479	394	450
	48.35	1032.18			2060
Paras					
Unit 2	0.59	19.30	27	22	20
Unit 3	4.29	85.03	191	163	200
	4.88	104.33			220
Khaparkheda					
Unit 1	4.60	97.64	205	170	180
Unit 2	4.57	98.73	206	159	185
Unit 3	4.60	98.68	204	174	165
Unit 4	4.41	13.58	202	163	175
	18.18	308.64			705
Nasik					
Unit 1	2.29	48.78	100	89	95
Unit 2	2.25	37.55	99	86	95
Unit 3	2.69	94.32	189	0	0
Unit 4	4.61	96.55	206	164	200
Unit 5	4.34	78.17	200	168	200
	16.19	355.38			590
Uran					
All Units	12.18	247.64	628	308	550
	12.18	247.64			550
Koyna					
Stage 1-2	2.78	37.89	295	35	600
Stage 4	5.90	58.74	728	0	250
Koyna 12&4 Total	8.68	96.63			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	2.17	20.76	240	0	240
	10.84	117.39			1090
Hydro					
KDPH		5.53	0	0	0
VTRNA	1.29	20.64	61	0	60
TILLARI	0.39	8.17	62	0	60
BHTGR/VEER	1.18	25.24	49	49	49
BHIRA T.R.	0.16	3.87	79	0	40
RNGR+BHTSA	0.43	8.69	18	18	18
BHANDARDRA	0.86	12.14	36	36	36
ELDARY	0.15	2.62	7	6	15
PAITHAN	0.07	1.08	12	0	12
GHATGHAR	0.44	6.68	125	0	0
	4.98	94.66			290
PENCH (MS)					
Pench (MS)	0.00	0.40	0	0	
	0.00	0.40			
Wind					
MalharPeth	0.12	3.70			
Vankuswadi	0.31	8.87			
ATIT	0.04	0.89			
Kale	0.09	3.06			
Satara	0.12	3.25			
Shirala	0.08	2.51			
K Mahankal	0.02	0.53			
Supa	0.04	1.70			
Vita	0.51	12.77			
Dondaicha	0.61	12.55			
Sakri	0.11	2.26			
Nandurbar	0.04	1.55			
Khadakale	0.12	5.62			
Khaparale	0.07	1.72			
	2.28	60.99			
Dabhol					
RGPP L II	9.87	312.56	530	293	300
RGPP L III		0.00	0	0	
	9.87	312.56			300
Tata					
Trombay 4	2.83	43.64	127	96	140
Trombay 5	11.94	265.02	500	470	500
Trombay 6	0.00	116.83	0	0	0
Trombay 7A	2.61	44.88	128	97	100
Trombay 7B	1.56	27.86	72	61	60
TATA Hydro	4.61	83.92	463	2	447
	23.55	582.16			1247
REL					
1&2	12.67	258.32	531	525	500
	12.67	258.32			500
Cent Sect					
Share					3489
					3489

MS	Thermal+Gas	134.40	2876.77		5585
PG	Hydro	15.82	212.05		1380
CL	Total	150.22	3088.82		6965
State Total		198.58	4303.24		12501

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 22/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	4781	215	522	5518	527	147	2992	3392	-110	-74	9510	0	9510	1425	10935	49.75
2	4697	205	519	5421	526	112	2992	3249	-110	-75	9233	0	9233	1410	10643	50.06
3	4706	215	560	5481	525	111	2992	3338	-110	-72	9383	0	9383	1406	10789	50.02
4	4775	220	586	5581	525	88	2992	3391	-110	-70	9515	293	9808	1399	11207	49.99
5	4807	210	618	5635	525	106	2988	3256	-105	-64	9458	1684	11142	1367	12509	49.83
6	4956	265	625	5846	526	104	3096	3232	-101	-64	9644	2802	12446	1361	13807	49.59
7	5107	450	627	6184	527	136	3081	3101	-148	-111	9837	3780	13617	1450	15067	49.41
8	5219	373	628	6220	527	129	3486	3415	-198	-162	10129	4006	14135	1559	15694	49.39
9	5361	240	628	6229	528	198	3603	3486	-317	-281	10160	4312	14472	1760	16232	49.48
10	5374	442	619	6435	530	148	3771	3737	-481	-457	10393	4484	14877	2059	16936	49.51
11	5275	427	583	6285	525	132	3862	3745	-576	-553	10134	4146	14280	2268	16548	49.54
12	5215	475	542	6232	435	100	3859	4068	-576	-559	10276	4169	14445	2263	16708	49.54
13	5158	633	520	6311	303	62	3974	4189	-695	-697	10168	4095	14263	2296	16559	49.44
14	5173	778	447	6398	293	47	3929	3987	-648	-654	10071	4161	14232	2216	16448	49.59
15	5160	1161	308	6629	299	37	3948	3917	-667	-674	10208	4097	14305	2269	16574	49.56
16	5192	1080	308	6580	300	67	3948	3867	-667	-672	10142	4075	14217	2261	16478	49.46
17	5133	1266	318	6717	302	34	3942	3886	-667	-673	10266	3959	14225	2262	16487	49.35
18	5185	1419	369	6973	305	54	3913	3910	-650	-659	10583	3661	14244	2236	16480	49.57
19	5256	1428	439	7123	306	52	3751	3776	-508	-509	10748	3553	14301	2233	16534	49.56
20	5260	1436	486	7182	307	66	3415	3679	-527	-526	10708	3791	14499	2299	16798	49.46
21	5251	1302	483	7036	308	69	3301	3534	-385	-388	10559	3389	13948	2149	16097	49.54
22	5116	976	481	6573	308	82	3295	3499	-377	-383	10079	3384	13463	1985	15448	49.48
23	5009	450	479	5938	307	97	3446	3633	-469	-473	9502	3091	12593	1816	14409	49.57
24	5054	154	484	5692	306	89	3265	3381	-359	-358	9110	2530	11640	1677	13317	49.70
MUs	122.22	15.82	12.18	150.22	9.87	2.27	83.84	86.67	-9.56	-9.21	239.82	73.46	313.28	45.43	358.70	49.60

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 22/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
Nasik Unit 3	210	20/01/2009	11.10	22/01/2009	07.55	Boiler Tube Leakage	
Bhusawal Unit 3	210	21/01/2009	00.25	22/01/2009	23.14	Heavy Bonnet Leakage.	
Parli Unit 3	210	21/01/2009	01.40		Continued.	Boiler Tube Leakage	24/01/2009
Cent_Sect TARAPUR-4	540	21/01/2009	17.10		Continued.	Reactor Problem	24/01/2009
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
Uran Unit 7	108	22/01/2009	13.45	22/01/2009	16.30	Control valve problem	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Jan/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Padgha-Tarapur CKT I	22/01/2009	08.16	22/01/2009	20.36	Maintenance work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
DHULE-SAR'SAROVAR-I	17/01/2009	22.16		Continued.	H/T FOR O/V
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400 KV B.C.at Kalwa	19/01/2009	09.25		Continued.	Breaker Replacement
LONIKHAND-JEJURI	22/01/2009	10.50	22/01/2009	11.25	PLCC Work.
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)
Nasik-Navsari CKT II	22/01/2009	08.06	22/01/2009	18.50	L.A.replacement work
Apta - Taloja	22/01/2009	09.16	22/01/2009	17.26	Bus outage
BBLSWR-AIEPHATA	22/01/2009	09.30	22/01/2009	18.10	Bay Maintenance work.
PEDAMBE-TAMBATI	22/01/2009	12.25	22/01/2009	17.50	Testing Work
K'gaon-Dasturi	22/01/2009	14.32	22/01/2009	14.57	Testing Work
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV 500MVA ICT @ JEJURI	22/01/2009	10:50	22/01/2009	11:25	Tripped

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 23/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	40
Unit 5	200	150
Unit 6	210	150
Unit 7	210	140
	1040	620
Bhusawal		
Unit 1	58	50
Unit 2	210	155
Unit 3	210	100
	478	305
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	0
Unit 4	210	190
Unit 5	210	185
Unit 6	250	210
	940	625
Chandrapur		
Unit 1	210	165
Unit 2	210	160
Unit 3	210	210
Unit 4	210	170
Unit 5	500	450
Unit 6	500	450
Unit 7	500	450
	2340	2055
Paras		
Unit 2	55	20
Unit 3	250	200
	305	220
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	200
Unit 4	210	200
	840	800
Nasik		
Unit 1	120	95
Unit 2	120	95
Unit 3	210	200
Unit 4	210	200
Unit 5	210	200
	870	790
Uran		
All Units	852	480
	852	480
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	0
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	49
BHIRA T.R.	80	80
RNGR+BHTSA	20	18
BHANDARDRA	45	36
ELDARY	23	12
PAITHAN	12	0
GHATGHAR	250	0
	611	315
PENCH (MS)		
Pench (MS)	53	0
	53	0
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	0
	1480	300
Tata		
Trombay 4	150	140
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	100
Trombay 7B	60	60
TATA Hydro	444	447
	1774	1247
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3376
	3143	3376

	17146	12723
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