



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

State Load Dispatch Center, Airoli

Daily system Report

for

24/Jan/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 24/Jan/2009 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	131.761	2887.769	1) Madhya Pradesh	68.858	1602.403
2) Hydro	10.706	233.236	2) Gujrat	17.416	369.682
3) Gas	14.490	275.398	3) Goa	-5.434	-130.474
Total MSGENCO	156.957	3396.403	4) TAPS 1&2 (Inj.)	6.724	110.300
B) OTHERS			5) Pench (Excess)	0.000	0.077
1) RGPPL Gas	7.265	327.109	# Total Cent. Sector	87.564	1951.988
2) Wind Generation	1.987	65.234	F) Other Exchanges		
3) PENCH (MS)	0.000	0.403	1) With TPCL	-9.612	-91.625
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	17.215	534.074	1) MSEDCL Bilateral	10.261	258.417
2) TPCL Hydro	3.655	92.250	Include PX	3.136	76.879
TOTAL TPCL	20.870	626.324	2) MUMBAI Bilateral	9.943	105.068
3) REL Thermal	12.680	283.677	Include PX	4.009	35.317
D) STATE			3) MUMBAI Schedule	9.943	105.118
1) Thermal (A1+C1+C3)	161.656	3705.520	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	14.361	325.889	1) MSEDCL	244.161	5649.915
3) Gas (A3+B1)	21.755	602.507	2) TPCL	28.488	671.217
4) Wind (B2)	1.987	65.234	3) REL	14.672	330.394
TOTAL STATE	199.759	4699.150	TOTAL STATE	287.321	6651.526

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 2 Hrs
MSGENCO Thermal	5545	5612	5261
MSGENCO Hydro	453	1004	205
MSGENCO Gas	642	531	672
MSGENCO Total Generation	6640	7147	6138
Central Sector Receipt	3979	3553	3060
RGPPL	302	304	305
WIND	123	40	89
Exchange with TPCL	-584	-469	-58
MSEDCL DEMAND MET	10460	10575	9534
Load Shedding	4092	3754	0
MSEDCL DEMAND (INCL. LS)	14552	14329	9534
TPCL GENERATION	1071	1154	749
REL GENERATION	529	527	531
TPCL+REL DEMAND	2184	2150	1338
STATE DEMAND MET	12644	12725	10872
STATE DEMAND (INCL. LS)	16736	16479	10872
Frequency (Hz)	49.31	49.36	50.15
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4574 MW At 13.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			71.89 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.32 Hz at 00.29 Hrs	48.91 Hz at 07.20 Hrs	49.55	.74 % 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 24/Jan/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.57	23.18	76	50	70
Unit 2	1.63	40.63	79	50	60
Unit 3	0.00	23.85	0	0	0
Unit 4	1.34	30.67	79	30	70
Unit 5	3.38	76.22	166	124	180
Unit 6	3.45	85.87	164	98	160
Unit 7	3.46	90.78	164	114	170
	14.84	371.20			710
Bhusawal					
Unit 1	1.26	28.20	56	49	50
Unit 2	4.24	87.73	186	160	170
Unit 3	4.37	97.35	192	165	190
	9.87	213.28			410
Parli					
Unit 1	0.54	13.91	25	20	20
Unit 2	0.59	14.02	26	22	20
Unit 3	3.04	70.96	161	63	110
Unit 4	4.13	82.66	190	149	145
Unit 5	2.86	21.03	186	0	150
Unit 6	5.26	119.79	250	149	210
	16.43	322.36			655
Chandrapur					
Unit 1	4.17	97.41	182	172	170
Unit 2	3.88	93.13	166	155	160
Unit 3	5.03	121.39	212	196	210
Unit 4	4.18	113.04	180	158	180
Unit 5	10.25	239.24	468	411	450
Unit 6	10.43	238.85	465	399	450
Unit 7	10.72	225.23	488	426	450
	48.66	1128.30			2070
Paras					
Unit 2	0.72	20.94	44	19	40
Unit 3	4.24	93.36	197	160	160
	4.96	114.29			200
Khaparkheda					
Unit 1	4.82	106.62	207	197	200
Unit 2	4.85	108.40	209	194	200
Unit 3	4.85	108.14	203	201	200
Unit 4	4.91	23.37	210	195	200
	19.43	346.52			800
Nasik					
Unit 1	2.20	53.20	95	90	95
Unit 2	1.43	41.23	95	0	95
Unit 3	4.68	103.88	212	139	200
Unit 4	4.79	106.18	210	189	200
Unit 5	4.47	87.31	202	171	200
	17.58	391.81			790
Uran					
All Units	14.49	275.40	687	496	550
	14.49	275.40			550
Koyna					
Stage 1-2	1.66	41.36	260	35	600
Stage 4	3.62	66.05	501	0	250
Koyna 12&4 Total	5.28	107.41			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.39	23.04	158	0	240
	6.67	130.45			1090
Hydro					
KDPH	0.46	6.29	19	19	18
VTRNA	1.31	23.26	61	0	60
TILLARI	0.36	8.92	61	0	60
BHTGR/VEER	0.86	27.03	36	35	49
BHIRA T.R.	0.20	4.23	76	0	80
RNGR+BHTSA	0.33	9.35	14	13	18
BHANDARDRA	0.11	12.84	26	0	36
ELDARY	0.00	2.62	0	0	0
PAITHAN	0.07	1.21	12	0	12
GHATGHAR	0.34	7.03	125	0	0
	4.04	102.78			333
PENCH (MS)					
Pench (MS)	0.00	0.40	0	0	
	0.00	0.40			
Wind					
MalharPeth	0.11	4.02			
Vankuswadi	0.28	9.68			
ATIT	0.02	0.96			
Kale	0.04	3.25			
Satara	0.10	3.53			
Shirala	0.04	2.71			
K Mahankal	0.01	0.55			
Supa	0.03	1.78			
Vita	0.27	13.48			
Dondaicha	0.80	13.54			
Sakri	0.10	2.38			
Nandurbar	0.05	1.64			
Khadakale	0.12	5.92			
Khaparale	0.02	1.78			
	1.99	65.23			
Dabhol					
RGPPPL II	7.26	327.11	307	295	300
RGPPPL III	0.00	0.00	0	0	
	7.26	327.11			300
Tata					
Trombay 4	1.08	47.71	54	42	140
Trombay 5	12.00	289.02	500	500	500
Trombay 6	0.00	116.83	0	0	0
Trombay 7A	2.58	49.66	128	79	100
Trombay 7B	1.56	30.85	70	57	60
TATA Hydro	3.66	92.25	473	0	447
	20.87	626.32			1247
REL					
1&2	12.68	283.68	531	526	500
	12.68	283.68			500
Cent Sect					
Share					3470
					3470

MS	Thermal+Gas	146.25	3163.17		6185
PG	Hydro	10.71	233.24		1423
CL	Total	156.96	3396.40		7608
State Total		199.76	4699.15		13125

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 24/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	5208	200	669	6077	306	53	3253	3320	-206	-181	9575	0	9575	1463	11038	50.08
2	5261	205	672	6138	305	89	3151	3060	-111	-58	9534	0	9534	1338	10872	50.15
3	5268	191	673	6132	305	91	3126	3161	-88	-52	9637	0	9637	1329	10966	50.02
4	5277	189	681	6147	305	111	3128	3349	-88	-49	9863	0	9863	1323	11186	50.05
5	5286	189	687	6162	305	109	3125	3492	-83	-55	10013	624	10637	1327	11964	49.89
6	5548	210	673	6431	305	106	3088	3312	-102	-82	10072	2321	12393	1354	13747	49.75
7	5702	246	672	6620	305	119	3156	3257	-197	-193	10108	3086	13194	1482	14676	49.51
8	5696	170	674	6540	306	168	3609	3539	-295	-276	10277	3578	13855	1569	15424	49.27
9	5611	205	664	6480	307	173	3604	3639	-295	-281	10318	4054	14372	1665	16037	49.29
10	5615	352	656	6623	306	127	3788	3809	-459	-456	10409	4241	14650	1873	16523	49.20
11	5545	453	642	6640	302	123	3911	3979	-585	-584	10460	4092	14552	2184	16736	49.31
12	5527	379	640	6546	296	113	3913	4032	-585	-579	10408	4017	14425	2135	16560	49.42
13	5372	683	640	6695	299	92	3983	4322	-656	-655	10753	3970	14723	2152	16875	49.60
14	5346	537	640	6523	298	58	3981	4210	-656	-656	10433	4040	14473	2028	16501	49.54
15	5398	728	640	6766	296	43	3980	4046	-656	-657	10494	3947	14441	2054	16495	49.35
16	5385	741	621	6747	295	48	3976	3959	-656	-655	10394	3959	14353	2057	16410	49.19
17	5336	756	506	6598	296	61	3961	3979	-635	-646	10288	3853	14141	2098	16239	49.24
18	5457	695	511	6663	300	64	3880	3943	-571	-582	10388	3538	13926	2034	15960	49.32
19	5580	924	532	7036	303	60	3746	3794	-419	-424	10769	3520	14289	2036	16325	49.39
20	5612	1004	531	7147	304	40	3476	3553	-468	-469	10575	3754	14329	2150	16479	49.36
21	5699	880	531	7110	306	34	3571	3595	-558	-533	10512	3395	13907	2135	16042	49.41
22	5736	432	533	6701	305	39	3544	3643	-529	-503	10185	3389	13574	1929	15503	49.44
23	5802	168	510	6480	305	28	3600	3537	-584	-557	9793	3035	12828	1809	14637	49.61
24	5687	173	496	6356	305	32	3464	3338	-460	-429	9602	1654	11256	1638	12894	49.72
MUs	131.95	10.71	14.69	157.36	7.26	1.98	86.01	87.87	-9.94	-9.61	244.86	68.07	312.93	43.16	356.09	49.55

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 24/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
Parli Unit 5	210	23/01/2009	13.35	24/01/2009	04.45	Trip due to jerk.	
Nasik Unit 2	125	24/01/2009	12.10	24/01/2009	19.15	Bottom Ash Problem.	
Nasik Unit 5	210	25/01/2009	22.10		Continued.	ID Fan Problem	29/01/2009

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 24/Jan/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d 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
Kolhapur-Mapusa Ckt I	24/01/2009	00.44	24/01/2009	10.17	H/T FOR O/V
KOLHAPUR-MAPUSA CKT II	25/01/2009	01.36		Continued.	H/T FOR O/V
Voltage Level : 400KV			Outage Type TRIPPED		
KORADI-BHILAI	24/01/2009	16.40	24/01/2009	17.25	Tripped at Bhilai end,H/T at Koradi end.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400 KV B.C.at Kalwa	19/01/2009	09.25	24/01/2009	14.30	Breaker Replacement
Bablswr-Padgha Ckt I	24/01/2009	08.01	24/01/2009	20.23	Insulator Replacement
Bablswr-Padgha Ckt I	25/01/2009	08.10	25/01/2009	20.59	Insulator Replacement
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)
APTA-URAN CKT. IV	24/01/2009	09.21	24/01/2009	16.36	R.M. Work
Bblswr-Anagar Ckt.II	24/01/2009	09.31	24/01/2009	18.06	Q.M. WORK
M.B.I Telangade	24/01/2009	09.50	25/01/2009	16.19	Bus Isolators Maintaince.
M.B.I at Ghodbunder	25/01/2009	07.35	25/01/2009	17.20	Maintenance work
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Jalgaon-Buusawal II	24/01/2009	07.45	25/01/2009	15.40	Conductor Replacement
Voltage Level : 400KV			Outage Type TRIPPED		
ICT - II @ Chandrapur	25/01/2009	19.03	25/01/2009	20.34	B ph.C.T.Burst on 220 KV C'pur - SICOM-II at SICOM end
Voltage Level : 220KV			Outage Type TRIPPED		
Nasik-Raymond	24/01/2009	12.15	24/01/2009	13.15	Bus Bar Prot.Optd.at Raymond.
Raymond-Washala	24/01/2009	12.15	24/01/2009	13.18	Bus Bar Prot.Optd.at Raymond.
200 MVA ICT at Raymond	24/01/2009	12.15	24/01/2009	13.20	Bus Bar Prot.Optd.at Raymond.
Wankuswadi-Satara I	24/01/2009	12.48	24/01/2009	13.15	Tripped ,Dist.Prot.
220/132 KV,150MVA ICT-I at Dhule	24/01/2009	17.35	24/01/2009	17.56	Tripped due to over load
C'pur-Sicom-I	25/01/2009	19.03	25/01/2009	20.14	B ph.C.T.Burst on 220 KV C'pur - SICOM-II at SICOM end
C'pur-Sicom-II	25/01/2009	19.03		Continued.	B Ph CT Burst at SICOM end.
Voltage Level : 132KV			Outage Type TRIPPED		
Jalgaon-Bhusawal I	24/01/2009	11.41	24/01/2009	12.05	Tripped on Overcurrent Prot.
Chalisgaon-Dhule	24/01/2009	13.11	24/01/2009	20.35	Jumper Open.
Voltage Level : 100KV			Outage Type TRIPPED		
Kalwa-Salshet ckt-II	24/01/2009	16.00	24/01/2009	16.15	Tripped on Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 25/Jan/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	60
Unit 2	105	60
Unit 3	105	0
Unit 4	105	75
Unit 5	200	150
Unit 6	210	140
Unit 7	210	140
	1040	625
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	160
Unit 4	210	150
Unit 5	210	180
Unit 6	250	240
	940	770
Chandrapur		
Unit 1	210	170
Unit 2	210	160
Unit 3	210	210
Unit 4	210	180
Unit 5	500	450
Unit 6	500	450
Unit 7	500	450
	2340	2070
Paras		
Unit 2	55	40
Unit 3	250	160
	305	200
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	520
	852	520
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	61
BHTGR/VEER	21	31
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	31
ELDARY	23	0
PAITHAN	12	12
GHATGHAR	250	0
	611	307
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	740	300
RGPL III	740	0
	1480	300
Tata		
Trombay 4	150	150
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	100
Trombay 7B	60	50
TATA Hydro	444	447
	1774	1247
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3356
	3143	3356

	17146	12995
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