



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

State Load Dispatch Center, Airoli

Daily system Report

for

19/Jan/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 19/Jan/2009 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	122.856	2267.932	1) Madhya Pradesh	72.962	1248.625
2) Hydro	7.407	170.645	2) Gujrat	14.887	288.198
3) Gas	12.062	211.880	3) Goa	-5.560	-102.349
Total MSGENCO	142.325	2650.457	4) TAPS 1&2 (Inj.)	5.939	77.203
B) OTHERS			5) Pench (Excess)	0.000	0.004
1) RGPPL Gas	14.738	275.852	# Total Cent. Sector	88.228	1511.681
2) Wind Generation	3.312	53.030	F) Other Exchanges		
3) PENCH (MS)	0.000	0.403	1) With TPCL	-8.329	-43.820
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	18.863	443.018	1) MSEDCL Bilateral	10.233	207.340
2) TPCL Hydro	4.373	70.025	Include PX	3.107	61.337
TOTAL TPCL	23.236	513.043	2) MUMBAI Bilateral	8.830	56.093
3) REL Thermal	12.684	220.311	Include PX	2.698	17.304
D) STATE			3) MUMBAI Schedule	8.830	56.093
1) Thermal (A1+C1+C3)	154.403	2931.261	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	11.780	241.073	1) MSEDCL	240.274	4448.006
3) Gas (A3+B1)	26.800	487.732	2) TPCL	29.858	521.292
4) Wind (B2)	3.312	53.030	3) REL	14.387	255.872
TOTAL STATE	196.295	3713.096	TOTAL STATE	284.519	5225.170

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	5251	5422	4702
MSGENCO Hydro	324	743	190
MSGENCO Gas	491	500	522
MSGENCO Total Generation	6066	6665	5414
Central Sector Receipt	3966	3634	2978
RGPPL	627	625	629
WIND	147	117	153
Exchange with TPCL	-604	-502	-51
MSEDCL DEMAND MET	10202	10539	9123
Load Shedding	3857	3925	0
MSEDCL DEMAND (INCL. LS)	14059	14464	9123
TPCL GENERATION	1091	1190	770
REL GENERATION	528	527	529
TPCL+REL DEMAND	2223	2219	1350
STATE DEMAND MET	12425	12758	10473
STATE DEMAND (INCL. LS)	16282	16683	10473
Frequency (Hz)	49.55	49.60	50.30
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4394 MW at 13.00Hrs.
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			71.903 MUs

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.5 Hz at 04.02 Hrs	49.15 Hz at 06.56 Hrs	49.74	0 % 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 19/Jan/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.42	15.24	79	29	70
Unit 2	1.72	32.04	84	44	50
Unit 3	0.00	23.85	0	0	0
Unit 4	1.62	22.79	84	46	50
Unit 5	4.12	57.66	186	151	160
Unit 6	3.70	67.46	170	135	155
Unit 7	4.31	71.33	204	142	150
	16.91	290.37			635
Bhusawal					
Unit 1	1.00	23.14	58	23	50
Unit 2	4.24	68.07	188	167	190
Unit 3	4.57	84.54	197	174	190
	9.81	175.76			430
Parli					
Unit 1	0.54	11.20	24	21	20
Unit 2	0.58	11.15	26	22	20
Unit 3	2.74	64.92	136	83	125
Unit 4	3.67	64.84	188	111	180
Unit 5	3.57	7.48	167	120	150
Unit 6	5.09	94.76	240	184	225
	16.19	254.35			720
Chandrapur					
Unit 1	4.00	77.29	174	147	170
Unit 2	3.86	73.84	165	154	160
Unit 3	5.12	96.49	212	209	210
Unit 4	4.81	91.45	209	173	210
Unit 5	9.49	187.55	476	294	400
Unit 6	9.32	188.12	457	314	450
Unit 7	9.59	173.26	472	350	400
	46.17	888.01			2000
Paras					
Unit 2	0.59	17.51	26	22	40
Unit 3	3.79	71.69	219	87	160
	4.38	89.21			200
Khaparkheda					
Unit 1	3.93	83.49	208	124	160
Unit 2	4.71	84.91	206	167	200
Unit 3	4.59	84.81	206	171	200
Unit 4	0.00	5.08	0	0	0
	13.23	258.30			560
Nasik					
Unit 1	2.22	42.16	99	89	95
Unit 2	2.22	30.90	100	81	90
Unit 3	4.36	89.67	193	168	180
Unit 4	4.58	83.11	206	171	180
Unit 5	2.77	66.10	184	0	180
	16.16	311.94			725
Uran					
All Units	12.06	211.88	534	467	500
	12.06	211.88			500
Koyna					
Stage 1-2	1.23	31.86	155	30	440
Stage 4	0.84	42.90	281	0	250
Koyna 12&4 Total	2.07	74.75			690

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.48	16.20	240	0	320
	2.55	90.95			1010
Hydro					
KDPH	0.00	5.53	0	0	0
VTRNA	1.23	16.95	61	0	60
TILLARI	0.39	7.04	60	0	60
BHTGR/VEER	1.18	21.71	49	49	49
BHIRA T.R.	0.14	3.36	55	0	80
RNGR+BHTSA	0.43	7.40	18	18	18
BHANDARDRA	0.79	9.54	33	33	36
ELDARY	0.25	1.98	17	0	15
PAITHAN	0.07	0.95	12	0	12
GHATGHAR	0.38	5.24	120	0	0
	4.86	79.69			330
PENCH (MS)					
Pench (MS)	0.00	0.40	0	0	0
	0.00	0.40			0
Wind					
MalharPeth	0.27	3.22			
Vankuswadi	0.65	7.61			
ATIT	0.04	0.76			
Kale	0.22	2.72			
Satara	0.22	2.83			
Shirala	0.19	2.18			
K Mahankal	0.02	0.39			
Supa	0.05	1.58			
Vita	0.90	11.21			
Dondaicha	0.32	10.65			
Sakri	0.06	1.92			
Nandurbar	0.03	1.38			
Khadakale	0.26	5.10			
Khaparale	0.07	1.47			
	3.31	53.03			
Dabhol					
RGPP L II	14.74	275.85	631	585	300
RGPP L III	0.00	0.00	0	0	0
	14.74	275.85			300
Tata					
Trombay 4	2.90	34.77	137	99	140
Trombay 5	12.07	229.34	505	470	500
Trombay 6	0.00	116.83	0	0	0
Trombay 7A	2.40	38.49	101	99	90
Trombay 7B	1.49	23.59	63	61	60
TATA Hydro	4.37	70.02	397	2	459
	23.24	513.04			1249
REL					
1&2	12.68	220.31	530	526	500
	12.68	220.31			500
Cent Sect					
Share					3457
					3457

MS PG CL	Thermal+Gas	134.92	2479.81		5770
	Hydro	7.41	170.64		1340
	Total	142.32	2650.46		7110
State Total		196.30	3713.10		12616

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 19/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	4647	195	515	5357	629	124	2979	3126	-88	-55	9181	0	9181	1354	10535	50.21
2	4702	190	522	5414	629	153	2979	2978	-88	-51	9123	0	9123	1350	10473	50.30
3	4683	200	522	5405	601	173	2979	3120	-88	-48	9251	0	9251	1310	10561	50.11
4	4612	140	522	5274	627	169	2979	3286	-88	-51	9305	140	9445	1334	10779	50.13
5	4712	140	530	5382	628	175	2979	3233	-83	-46	9372	1490	10862	1346	12208	50.07
6	4894	130	534	5558	629	174	3044	3318	-79	-43	9636	2282	11918	1339	13257	49.81
7	5156	173	532	5861	629	187	3008	3175	-79	-43	9809	3285	13094	1376	14470	49.66
8	5276	210	534	6020	629	197	3328	3271	-57	-23	10094	3475	13569	1588	15157	49.46
9	5311	237	523	6071	629	146	3305	3489	-57	-20	10315	3763	14078	1668	15746	49.68
10	5237	288	510	6035	629	121	3709	3867	-411	-390	10262	3975	14237	2032	16269	49.44
11	5251	324	491	6066	627	147	3910	3966	-630	-604	10202	3857	14059	2223	16282	49.55
12	5321	283	473	6077	591	186	3909	4142	-630	-602	10394	4029	14423	2244	16667	49.66
13	5303	246	467	6016	585	190	3934	4373	-677	-663	10501	3902	14403	2275	16678	49.53
14	5270	223	468	5961	587	119	3884	4341	-628	-615	10393	3909	14302	2157	16459	49.63
15	5252	267	469	5988	586	123	3883	4311	-628	-617	10391	3704	14095	2180	16275	49.59
16	5262	342	472	6076	585	105	3885	4196	-628	-617	10345	3688	14033	2197	16230	49.53
17	5232	547	491	6270	588	72	3891	4122	-628	-615	10437	3591	14028	2213	16241	49.50
18	5371	506	494	6371	589	86	3903	4073	-564	-553	10566	3376	13942	2166	16108	49.63
19	5398	827	497	6722	596	101	3801	3872	-510	-498	10793	3662	14455	2225	16680	49.62
20	5422	743	500	6665	625	117	3457	3634	-511	-502	10539	3925	14464	2219	16683	49.60
21	5353	539	500	6392	629	132	3457	3785	-511	-509	10429	3616	14045	2122	16167	49.69
22	5225	247	499	5971	629	103	3448	3680	-503	-504	9879	3589	13468	1958	15426	49.67
23	5115	200	498	5813	631	98	3387	3502	-399	-399	9645	2826	12471	1769	14240	49.76
24	5030	210	499	5739	631	85	3131	3413	-266	-261	9607	0	9607	1604	11211	49.85
MUs	123.04	7.41	12.06	142.50	14.74	3.28	83.17	88.27	-8.83	-8.33	240.47	66.08	306.55	44.25	350.80	49.74

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 19/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
Koyna Unit 5	80	14/01/2009	08.40	19/01/2009	17.45	Maintenance work	
Koyna Unit 6	75	14/01/2009	08.50	19/01/2009	17.45	Maintenance work	
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
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	
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	08/02/2009
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
Khaparkheda Unit 4	210	11/01/2009	22.37		Continued.	Hydrogen Leakage	20/01/2009
Uran Unit 5	108	15/01/2009	13:25		Continued.	Gas Restriction	
Nasik Unit 5	210	15/01/2009	21:00	19/01/2009	05.00	ID Fan Vibration+ESP Work	
Nasik Unit 5	210	19/01/2009	09.15	19/01/2009	10.05	Gen.Protection	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/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
KOLHAPUR-MAPUSA CKT II	18/01/2009	23.52	19/01/2009	16.33	H/T FOR O/V
Kolhapur-Mapusa Ckt I	19/01/2009	22.48		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
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)
200MVA ICT-I at Padgha	13/01/2009	09.26		Continued.	Isolator Repl.(On TBC)
Nasik-Bablswr Ckt I	19/01/2009	07.57	19/01/2009	18.12	Disc Insulator Replacement.
M.B. at Lote S/S.	19/01/2009	10.35		Continued.	Bus P.T.Maint.Work
M.B. II at Talangde S/S.	19/01/2009	10.55		Continued.	Isolator Maintaince Work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Deepnagar-Khadka I	17/01/2009	08.50	19/01/2009	15.16	Diversion Work.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
ICT-III at Padgha	18/01/2009	23.24	19/01/2009	00.29	Buchhloz Ind.
ICT III @ PADGHA	19/01/2009	12.12	19/01/2009	15.24	Testing Work
Voltage Level : 220KV			Outage Type TRIPPED		
Parli-Osmanabad	18/01/2009	14.55	19/01/2009	20.51	Tripped ,Dist.Prot.
Chandrapur-MIDC	20/01/2009	00.23	20/01/2009	00.56	Back up Protection optd.
Chandrapur-Gadchandur	20/01/2009	00.23	20/01/2009	00.47	Tripped on Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 20/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	70
Unit 5	200	160
Unit 6	210	160
Unit 7	210	180
	1040	710
Bhusawal		
Unit 1	58	50
Unit 2	210	175
Unit 3	210	190
	478	415
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	95
Unit 4	210	125
Unit 5	210	145
Unit 6	250	210
	940	615
Chandrapur		
Unit 1	210	165
Unit 2	210	160
Unit 3	210	210
Unit 4	210	210
Unit 5	500	450
Unit 6	500	450
Unit 7	500	450
	2340	2095
Paras		
Unit 2	55	20
Unit 3	250	180
	305	200
Khaparkheda		
Unit 1	210	200
Unit 2	210	170
Unit 3	210	180
Unit 4	210	0
	840	550
Nasik		
Unit 1	120	85
Unit 2	120	85
Unit 3	210	180
Unit 4	210	200
Unit 5	210	200
	870	750
Uran		
All Units	852	450
	852	450
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	15
PAITHAN	12	0
GHATGHAR	250	0
	611	318
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	
	1480	300
Tata		
Trombay 4	150	140
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	90
Trombay 7B	60	60
TATA Hydro	444	459
	1774	1249
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3490
	3143	3490

	17146	12732
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