



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

State Load Dispatch Center, Airoli

Daily system Report

for

16/Jan/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 16/Jan/2009 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	114.597	1913.594	1) Madhya Pradesh	71.441	1027.715
2) Hydro	14.559	145.343	2) Gujrat	13.539	240.796
3) Gas	10.995	175.643	3) Goa	-5.843	-85.985
Total MSGENCO	140.151	2234.580	4) TAPS 1&2 (Inj.)	5.322	59.845
B) OTHERS			5) Pench (Excess)	0.000	0.004
1) RGPPL Gas	15.091	230.992	# Total Cent. Sector	84.459	1242.375
2) Wind Generation	3.367	43.915	F) Other Exchanges		
3) PENCH (MS)	0.000	0.403	1) With TPCL	-7.945	-23.268
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	18.418	386.512	1) MSEDCL Bilateral	10.137	175.364
2) TPCL Hydro	5.112	61.373	Include PX	2.996	52.725
TOTAL TPCL	23.530	447.885	2) MUMBAI Bilateral	8.166	34.186
3) REL Thermal	12.708	183.296	Include PX	2.703	11.414
D) STATE			3) MUMBAI Schedule	8.166	34.186
1) Thermal (A1+C1+C3)	145.723	2483.402	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	19.671	207.119	1) MSEDCL	235.123	3729.400
3) Gas (A3+B1)	26.086	406.635	2) TPCL	29.590	439.593
4) Wind (B2)	3.367	43.915	3) REL	14.590	214.848
TOTAL STATE	194.847	3141.071	TOTAL STATE	279.303	4383.841

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	4817	4993	4741
MSGENCO Hydro	809	914	206
MSGENCO Gas	454	502	371
MSGENCO Total Generation	6080	6409	5318
Central Sector Receipt	3569	3560	2956
RGPPL	633	632	631
WIND	119	77	231
Exchange with TPCL	-396	-495	-55
MSEDCL DEMAND MET	10005	10183	9081
Load Shedding	4265	3831	0
MSEDCL DEMAND (INCL. LS)	14270	14014	9081
TPCL GENERATION	1109	1225	734
REL GENERATION	529	528	529
TPCL+REL DEMAND	2034	2248	1318
STATE DEMAND MET	12039	12431	10399
STATE DEMAND (INCL. LS)	16304	16262	10399
Frequency (Hz)	49.43	49.68	50.16
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4852 MW at 09.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			73.26 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.4 Hz at 04.08 Hrs	48.98 Hz at 12.09 Hrs	49.7	.14 % 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 16/Jan/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.00	13.41	0	0	0
Unit 2	1.53	26.78	79	47	75
Unit 3	1.34	21.95	77	12	70
Unit 4	1.22	17.98	79	18	70
Unit 5	3.24	46.78	156	101	150
Unit 6	3.40	56.74	164	113	150
Unit 7	2.96	60.22	165	44	150
	13.70	243.86			665
Bhusawal					
Unit 1	1.10	19.68	58	38	60
Unit 2	4.52	55.22	198	178	190
Unit 3	4.52	70.90	198	158	190
	10.14	145.80			440
Parli					
Unit 1	0.59	9.54	26	23	20
Unit 2	0.60	9.42	26	20	20
Unit 3	2.83	56.58	126	99	125
Unit 4	3.38	53.52	167	88	160
Unit 5	0.00	0.00	0	0	0
Unit 6	5.20	80.64	235	195	230
	12.59	209.70			555
Chandrapur					
Unit 1	4.06	65.14	178	166	165
Unit 2	3.90	62.17	165	160	160
Unit 3	5.11	81.15	212	208	210
Unit 4	4.97	76.86	209	192	210
Unit 5	10.61	159.99	472	388	450
Unit 6	10.30	159.09	469	391	425
Unit 7	7.56	143.82	402	280	325
	46.51	748.22			1945
Paras					
Unit 2	0.88	15.61	41	26	40
Unit 3	3.61	62.60	198	98	110
	4.48	78.22			150
Khaparkheda					
Unit 1	4.76	70.25	208	187	200
Unit 2	4.84	70.80	209	193	200
Unit 3	4.81	71.33	208	192	200
Unit 4	0.00	5.08	0	0	0
	14.41	217.47			600
Nasik					
Unit 1	2.20	36.20	97	81	95
Unit 2	2.10	24.30	93	70	95
Unit 3	4.43	76.51	202	154	205
Unit 4	4.05	70.00	191	151	200
Unit 5	0.00	63.33	0	0	0
	12.77	270.34			595
Uran					
All Units	11.00	175.64	504	370	600
	11.00	175.64			600
Koyna					
Stage 1-2	1.96	27.48	270	25	440
Stage 4	5.61	37.89	614	0	250
Koyna 12&4 Total	7.57	65.37			690

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.57	14.20	160	0	320
	9.14	79.57			1010
Hydro					
KDPH	0.75	5.22	38	19	18
VTRNA	1.46	13.29	61	61	60
TILLARI	0.38	5.90	60	0	60
BHTGR/VEER	1.04	18.34	44	43	50
BHIRA T.R.	0.24	2.85	80	0	80
RNGR+BHTSA	0.40	6.12	17	16	12
BHANDARDRA	0.77	7.19	33	32	30
ELDARY	0.25	1.23	17	0	8
PAITHAN	0.00	0.76	0	0	8
GHATGHAR	0.12	4.85	110	0	0
	5.42	65.77			326
PENCH (MS)					
Pench (MS)	0.00	0.40	0	0	
	0.00	0.40			
Wind					
MalharPeth	0.17	2.62			
Vankuswadi	0.43	6.16			
ATIT	0.05	0.64			
Kale	0.15	2.26			
Satara	0.17	2.30			
Shirala	0.12	1.75			
K Mahankal	0.02	0.33			
Supa	0.13	1.38			
Vita	0.95	8.72			
Dondaicha	0.45	9.43			
Sakri	0.08	1.71			
Nandurbar	0.10	1.19			
Khadakale	0.39	4.18			
Khaparale	0.15	1.23			
	3.37	43.92			
Dabhol					
RGPP L II	15.09	230.99	633	612	300
RGPP L III	0.00	0.00	0	0	
	15.09	230.99			300
Tata					
Trombay 4	2.99	26.03	133	99	130
Trombay 5	12.12	193.15	505	505	500
Trombay 6	0.00	116.83	0	0	0
Trombay 7A	1.96	31.36	95	68	100
Trombay 7B	1.35	19.15	62	52	60
TATA Hydro	5.11	61.37	432	2	447
	23.53	447.88			1237
REL					
1&2	12.71	183.30	531	528	500
	12.71	183.30			500
Cent Sect					
Share					3534
					3534

MS	Thermal+Gas	125.59	2089.24		5550
PG	Hydro	14.56	145.34		1336
CL	Total	140.15	2234.58		6886
State Total		194.85	3141.07		12457

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 16/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	4800	206	370	5376	630	240	2895	3204	-85	-57	9393	0	9393	1346	10739	50.10
2	4741	206	371	5318	631	231	2897	2956	-85	-55	9081	0	9081	1318	10399	50.16
3	4707	201	370	5278	630	224	2902	3108	-85	-50	9190	0	9190	1310	10500	50.10
4	4756	211	372	5339	630	221	2909	3227	-85	-48	9369	0	9369	1308	10677	50.01
5	4762	201	404	5367	630	209	2914	3558	-85	-47	9717	284	10001	1307	11308	50.02
6	4845	261	454	5560	631	206	2884	3569	-76	-56	9910	1840	11750	1314	13064	49.59
7	4885	213	460	5558	632	213	2880	3402	-76	-55	9750	3202	12952	1400	14352	49.56
8	4877	217	429	5523	632	185	3214	3588	-55	-27	9901	3698	13599	1557	15156	49.41
9	4845	476	426	5747	631	129	3217	3527	-55	-35	9999	4092	14091	1741	15832	49.53
10	4817	809	454	6080	633	119	3625	3569	-407	-396	10005	4265	14270	2034	16304	49.43
11	4671	924	465	6060	629	156	3828	3615	-609	-594	9866	4145	14011	2231	16242	49.45
12	4567	868	477	5912	624	177	3854	3709	-633	-619	9803	4055	13858	2266	16124	49.48
13	4540	977	470	5987	612	133	3881	3988	-656	-664	10056	3865	13921	2274	16195	49.39
14	4551	1077	474	6102	623	93	3804	3735	-556	-565	9988	3801	13789	2165	15954	49.67
15	4590	1030	471	6091	627	83	3803	3672	-556	-567	9906	3620	13526	2179	15705	49.56
16	4652	1001	478	6131	627	65	3804	3676	-556	-566	9933	3612	13545	2222	15767	49.57
17	4725	1157	464	6346	629	66	3779	3645	-533	-541	10145	3504	13649	2187	15836	49.52
18	4781	1210	495	6486	630	70	3732	3670	-514	-523	10333	3258	13591	2166	15757	49.55
19	4864	1155	500	6519	631	64	3757	3746	-484	-488	10472	3462	13934	2238	16172	49.61
20	4993	914	502	6409	632	77	3444	3560	-487	-495	10183	3831	14014	2248	16262	49.68
21	4975	534	500	6009	631	74	3442	3723	-442	-445	9992	3610	13602	2088	15690	49.63
22	4950	255	501	5706	630	63	3450	3661	-436	-440	9620	3473	13093	1927	15020	49.75
23	5012	223	501	5736	627	101	3414	3372	-359	-363	9473	2124	11597	1783	13380	50.00
24	4899	233	504	5636	629	142	3116	3368	-250	-249	9526	0	9526	1574	11100	49.95
MUs	114.80	14.56	10.91	140.28	15.09	3.34	81.44	84.85	-8.17	-7.94	235.61	63.74	299.35	44.18	343.54	49.70

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 16/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
Cent_Sect Tarapur 1	80	03/11/2008	22.17	16/01/2009	01.25	Annual Overhaul	01/02/2009
Parli Unit 5	210	20/12/2008	10.08		Continued.	Annual Overhaul	20/01/2009
Tata Trombay 6	500	13/01/2009	00.11		Continued.	Capital overhaul	17/02/2009
Koyna Unit 5	80	14/01/2009	08.40		Continued.	Maintenance work	19/01/2009
Koyna Unit 6	75	14/01/2009	08.50		Continued.	Maintenance work	19/01/2009
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
Koradi Unit 1	105	10/01/2009	14.40		Continued.	NO COAL	17/01/2009
Khaparkheda Unit 4	210	11/01/2009	22.37		Continued.	Hydrogen Leakage	17/01/2009
Uran Unit 5	108	15/01/2009	13:25		Continued.	Gas Restriction	
Nasik Unit 5	210	15/01/2009	21:00		Continued.	ID Fan Vibration+ESP Work	18/01/2009
Nasik Unit 1	125	17/01/2009	05.30		Continued.	Coal Feeder Trip.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Jan/2009

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
KOLHAPUR-MAPUSA CKT II	15/01/2009	20.56	16/01/2009	10.33	H/T FOR O/V
DHULE-SAR'SAROVAR-I	16/01/2009	00.20		Continued.	H/T FOR O/V
Dhule-Sar'Sarovar II	16/01/2009	21.57		Continued.	H/T FOR O/V
Padgha-Tarapur CKT I	17/01/2009	02.44		Continued.	H/T FOR O/V
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
C'pur-Parli II	16/01/2009	08.30	16/01/2009	19.50	PLCC Work.
400kv ICT-I @ New Koyna	16/01/2009	09.26	16/01/2009	17.52	Maintenance 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)
200MVA ICT-I at Padgha	13/01/2009	09.26		Continued.	Isolator Repl.(On TBC)
Kalwa-Nasik III	16/01/2009	08.24	16/01/2009	19.54	Insulator Replacement
BBLSR-Waluj	16/01/2009	09.05	16/01/2009	21.03	E/W Replacement
Bus-Sect.III at Nasik	16/01/2009	11.02	16/01/2009	18.01	Bus.Sec.Breaker Maintaince.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
KOLHAPUR-KARAD CKT.I	16/01/2009	01.18	16/01/2009	08.28	H/T FOR O/V

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 17/Jan/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	70
Unit 4	105	70
Unit 5	200	140
Unit 6	210	160
Unit 7	210	140
	1040	650
Bhusawal		
Unit 1	58	50
Unit 2	210	190
Unit 3	210	190
	478	430
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	120
Unit 4	210	150
Unit 5	210	0
Unit 6	250	230
	940	540
Chandrapur		
Unit 1	210	170
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	2100
Paras		
Unit 2	55	40
Unit 3	250	180
	305	220
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	200
Unit 4	210	0
	840	600
Nasik		
Unit 1	120	0
Unit 2	120	86
Unit 3	210	182
Unit 4	210	182
Unit 5	210	0
	870	450
Uran		
All Units	852	480
	852	480
Koyna		
Stage 1-2	600	440
Stage 4	1000	250
Stage 3	320	320
	1920	1010
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	36
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	55
BHIRA T.R.	80	80
RNGR+BHTSA	20	14
BHANDARDRA	45	34
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	339
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	130
Trombay 5	500	500
Trombay 6	500	0
Trombay 7A	120	100
Trombay 7B	60	60
TATA Hydro	444	447
	1774	1237
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3856
	3143	3856

	17146	12712
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