



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

State Load Dispatch Center, Airoli

Daily system Report

for

11/Jun/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 11/Jun/2009 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	107.053	1223.085	1) Madhya Pradesh	64.439	737.656
2) Hydro	20.548	132.604	2) Gujrat	10.663	129.752
3) Gas	14.601	158.767	3) Goa	-6.424	-63.291
Total MSGENCO	142.202	1514.456	4) TAPS 1&2 (Inj.)	6.643	73.745
B) OTHERS			5) Pench (Excess)	-0.142	-0.638
1) RGPPL Gas	21.975	241.980	# Total Cent. Sector	75.179	877.224
2) Wind Generation	15.145	172.665	F) Other Exchanges		
3) PENCH (MS)	0.142	0.638	1) With TPCL	-8.409	-87.313
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	31.352	335.454	1) MSEDCL Bilateral	6.496	83.927
2) TPCL Hydro	4.554	48.881	Include PX	0.036	0.571
TOTAL TPCL	35.906	384.335	2) MUMBAI Bilateral	8.568	86.703
3) REL Thermal	12.523	138.306	Include PX	2.583	30.190
D) STATE			3) MUMBAI Schedule	8.568	88.103
1) Thermal (A1+C1+C3)	150.928	1696.845	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	25.244	182.123	1) MSEDCL	246.234	2720.288
3) Gas (A3+B1)	36.576	400.747	2) TPCL	37.451	403.571
4) Wind (B2)	15.145	172.665	3) REL	19.384	206.370
TOTAL STATE	227.893	2452.380	TOTAL STATE	303.069	3330.229

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4413	4414	4578
MSGENCO Hydro	878	1385	548
MSGENCO Gas	630	646	500
MSGENCO Total Generation	5921	6445	5626
Central Sector Receipt	3216	3055	2868
RGPPL	912	922	919
WIND	483	690	767
Exchange with TPCL	-423	-240	-58
MSEDCL DEMAND MET	10109	10872	10122
Load Shedding	3437	3251	1159
MSEDCL DEMAND (INCL. LS)	13546	14123	11281
TPCL GENERATION	1786	1730	1225
REL GENERATION	522	522	527
TPCL+REL DEMAND	2731	2492	1810
STATE DEMAND MET	12840	13364	11932
STATE DEMAND (INCL. LS)	16277	16615	13091
Frequency (Hz)	49.33	49.44	49.62
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4488 MW At 12.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			75.63 MUs/

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.23 Hz at 18.05 Hrs	48.79 Hz at 23.09 Hrs	49.39	5.73 % 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 11/Jun/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	1.90	5.44	85	64	80
Unit 2	0.00	8.73	0	0	0
Unit 3	1.19	12.76	60	40	50
Unit 4	0.00	4.04	0	0	0
Unit 5	3.74	39.79	178	138	160
Unit 6	1.05	24.92	159	0	160
Unit 7	4.04	42.56	199	136	170
	11.91	138.24			620
Bhusawal					
Unit 1	1.24	13.30	56	46	50
Unit 2	3.99	41.56	174	161	170
Unit 3	4.18	45.97	180	165	175
	9.41	100.83			395
Parli					
Unit 1	0.59	5.76	26	23	20
Unit 2	0.51	5.87	22	20	20
Unit 3	3.51	34.11	152	140	140
Unit 4	3.75	41.11	163	149	150
Unit 5	4.18	44.07	183	157	165
Unit 6	0.00	0.58	0	0	0
	12.54	131.49			495
Chandrapur					
Unit 1	4.02	44.07	171	160	170
Unit 2	3.90	42.97	170	153	170
Unit 3	3.74	44.95	188	115	160
Unit 4	3.10	37.44	143	104	160
Unit 5	8.83	98.19	465	285	400
Unit 6	8.82	82.90	425	310	380
Unit 7	9.20	109.67	449	328	420
	41.60	460.20			1860
Paras					
Unit 2	0.44	6.02	24	12	42
Unit 3	4.54	48.53	212	179	160
	4.98	54.55			202
Khaparkheda					
Unit 1	4.15	47.03	178	166	170
Unit 2	4.22	42.93	185	168	170
Unit 3	4.20	40.10	178	172	170
Unit 4	4.23	47.68	182	170	170
	16.81	177.74			680
Nasik					
Unit 1	1.54	20.92	70	44	70
Unit 2	0.00	14.18	0	0	0
Unit 3	0.00	30.08	0	0	0
Unit 4	4.14	48.38	193	152	190
Unit 5	4.12	46.47	187	160	175
	9.80	160.03			435
Uran					
All Units	14.60	158.77	672	472	500
	14.60	158.77			500
Koyna					
Stage 1-2	3.74	29.70	415	35	600
Stage 4	11.33	64.48	1117	0	250
Kovna 12&4 Total	15.06	94.19			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	3.26	20.94	320	0	320
	18.32	115.13			1170
Hydro					
KDPH	0.78	1.76	33	32	36
VTRNA	0.41	2.82	61	0	60
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.32	3.12	14	13	26
BHIRA T.R.	0.17	2.33	65	0	80
RNGR+BHTSA	0.25	3.03	11	10	13
BHANDARDRA	0.00	0.80	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.04	0.60	10	0	0
GHATGHAR	0.27	3.03	125	0	0
	2.22	17.48			215
PENCH (MS)					
Pench (MS)	0.14	0.64	24	0	
	0.14	0.64			
Wind					
MalharPeth	0.39	4.83			
Vankuswadi	0.95	11.91			
ATIT	0.20	2.46			
Kale	0.09	1.04			
Satara	0.41	8.24			
Shirala	0.30	3.80			
K Mahankal	0.50	3.12			
Supa	0.18	2.34			
Vita	1.99	21.39			
Dondaicha	6.73	73.13			
Sakri	1.11	13.31			
Nandurbar	0.95	11.36			
Khadakale	0.71	8.09			
Khaparale	0.63	7.64			
	15.14	172.66			
Dabhol					
RGPP L II	21.98	241.98	924	897	887
RGPP L III	0.00	0.00	0	0	
	21.98	241.98			887
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.10	133.14	505	490	500
Trombay 6	11.45	124.78	510	340	500
Trombay 7A	2.89	31.83	122	120	120
Trombay 7B	1.60	17.70	67	66	60
Trombay 8	3.30	28.01	153	30	140
TATA Hydro	4.55	48.88	441	2	447
	35.91	384.34			1767
REL					
1&2	12.52	138.31	527	495	500
	12.52	138.31			500
Cent Sect					
Share					2939
					2939

MS PG CL	Thermal	107.05	1223.08		4687
	Thml+Gas	121.65	1381.85		5187
	Hydro	20.55	132.60		1385
	Total	142.20	1514.46		6572
State Total		227.89	2452.38		12665

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 11/Jun/2009

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CS SHARE	CS RECPT	MUMBAI		MSEDCL DEMAND MET	# LOAD SHED.	MSEDCL DEMAND WITH LS	MUMBAI DEMAND	STATE DEM. WITH LS	FREQ. (Hz)
	THM	HY	GAS						SCH.	EXCH.						
1	4607	1451	472	6530	916	760	3038	3120	-397	-387	10939	812	11751	2217	13968	49.15
2	4606	1081	475	6162	916	745	2762	3033	-142	-148	10708	817	11525	2025	13550	49.40
3	4593	759	484	5836	917	726	2606	2954	-50	-54	10379	821	11200	1916	13116	49.37
4	4578	548	500	5626	919	767	2607	2868	-50	-58	10122	1159	11281	1810	13091	49.62
5	4636	608	513	5757	917	734	2607	2769	-50	-61	10116	1260	11376	1784	13160	49.40
6	4668	638	582	5888	917	715	2608	2817	-50	-79	10281	1524	11805	1823	13628	49.29
7	4670	140	616	5426	917	702	2625	2803	-68	-62	9809	2792	12601	1772	14373	49.50
8	4547	156	622	5325	920	725	2727	2804	-68	-61	9737	3202	12939	1849	14788	49.73
9	4611	212	644	5467	919	663	2707	2941	-48	-60	9954	3133	13087	2084	15171	49.67
10	4558	338	640	5536	917	522	3050	3639	-427	-422	10192	3390	13582	2472	16054	49.56
11	4413	878	630	5921	912	483	3163	3216	-427	-423	10109	3437	13546	2731	16277	49.33
12	4360	1378	626	6364	912	380	3312	3321	-577	-566	10411	3445	13856	2829	16685	49.29
13	4301	1440	640	6381	897	363	3432	3521	-700	-687	10475	3361	13836	2831	16667	49.25
14	4257	1289	648	6194	905	368	3474	3545	-742	-734	10278	3395	13673	2779	16452	49.27
15	4275	1120	647	6042	906	492	3511	3409	-781	-770	10079	3415	13494	2829	16323	49.11
16	4317	790	652	5759	909	590	3461	3656	-731	-721	10193	3377	13570	2841	16411	49.26
17	4337	323	654	5314	911	779	3438	3302	-792	-780	9526	3542	13068	2823	15891	49.29
18	4349	240	665	5254	917	833	2941	3175	-414	-396	9783	3324	13107	2668	15775	49.57
19	4399	193	672	5264	920	906	2843	3123	-325	-303	9910	3159	13069	2511	15580	49.63
20	4427	820	670	5917	919	773	2860	2937	-261	-254	10292	3478	13770	2534	16304	49.46
21	4414	1385	646	6445	922	690	2861	3055	-263	-240	10872	3251	14123	2492	16615	49.44
22	4414	1368	628	6410	922	636	2855	2798	-255	-230	10536	2979	13515	2416	15931	49.37
23	4403	1803	611	6817	924	421	3064	3130	-424	-401	10915	1775	12690	2387	15077	49.26
24	4328	1590	607	6525	924	370	3168	3251	-528	-512	10582	1197	11779	2415	14194	49.16
MUs	107.07	20.55	14.54	142.16	21.98	15.14	71.72	75.19	-8.57	-8.41	246.20	62.04	308.24	56.84	365.08	49.39

NOTE : ALL VALUES IN MW

MUMBAI Sch./Net Exch is shown with reference to MSETCL System. (+) indicates MUMBAI to MSETCL and (-) indicates MSETCL to MUMBAI. MUMBAI Schedule is calculated for MSETCL periphery (taking 4% loss for import & 4.85% MSETCL # Without Applying Load Diversity Factor

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 11/Jun/2009

Position as on 6.30 Hrs of 12/Jun/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 NTPC(V-10)	500	25/05/2009	08.50		Continued.	Capital overhaul	26/06/2009
Cent_Sect NTPC(K-3)	210	01/06/2009	00.00		Continued.	Annual Overhaul	06/07/2009
Nasik Unit 3	210	07/06/2009	21.37		Continued.	Capital overhaul	18/07/2009
FORCED OUTAGE							
Dabhol 2A	230	19/01/2008	02.40		Continued.	Tripped	01/07/2009
Uran Unit 2	60	04/10/2008	19.00		Continued.	Gas Restriction	
Dabhol 3A	230	08/11/2008	13.45		Continued.	Exhaust temp.& vibn.high	25/06/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	
Uran Unit 4	60	01/04/2009	00:00		Continued.	Gas Restriction	
Tata Trombay 4	150	09/04/2009	02.10		Continued.	W/dn	
Parli Unit 6	250	03/06/2009	06.35		Continued.	Bearing Vibration.	30/06/2009
Cent_Sect Kawas ST1C	116	03/06/2009	16:33		Continued.	Bearing Temp. High	15/06/2009
Koradi Unit 2	105	07/06/2009	08:19		Continued.	ID Fan Problem	13/06/2009
Cent_Sect TARAPUR-3	540	07/06/2009	18:35		Continued.	Testing Work.	15/06/2009
Koradi Unit 4	115	08/06/2009	09.54	12/06/2009	06.04	Boiler Tube Leakage	
Uran Unit 3	60	09/06/2009	20:25		Continued.	Gas Restriction	
Nasik Unit 2	125	10/06/2009	18:45		Continued.	Coal Mill Problem	13/06/2009
Cent_Sect NTPC(V-3)	210	11/06/2009	00:14		Continued.	Boiler Tube Leakage	15/06/2009
Koradi Unit 6	210	11/06/2009	06.44		Continued.	Boiler Tube Leakage	14/06/2009
Tata Trombay 8	250	11/06/2009	07.35	11/06/2009	08.50	P.A. Fan Tripped.	
Paras Unit 3	250	12/06/2009	00.14	12/06/2009	06.10	Tripped stn.supply fail.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 11/Jun/2009

Position as on 6.30 Hrs of 12/Jun/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Chandrapur-Bhadravti - I	11/06/2009	09.57	11/06/2009	16.17	Maintenance work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar II	14/05/2009	14.25		Continued.	H/T FOR O/V
Voltage Level : 400KV			Outage Type TRIPPED		
Wardha - Akola - I	14/05/2009	08.01		Continued.	Tripped on over voltage
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Main Bus -I at Kolhapur	08/06/2009	13.00		Continued.	Maintenance work
Padgha-Lonikhand	11/06/2009	07.28	11/06/2009	20.13	Insulator Replacement
400/220kv 315MVA ICT-II at Kolhapur	11/06/2009	11.40	11/06/2009	17.36	Testing Work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
K'gaon-Lonand	11/06/2009	06.15	11/06/2009	17.00	Insulator Replacement
Pophali - Karad	11/06/2009	08.00	11/06/2009	15.22	R.M.Work.
125 MVA ICT-II@ BORIVALI	11/06/2009	08.40	11/06/2009	15.05	Testing Work
Pusad-Nanded	11/06/2009	08.55	11/06/2009	14.08	Fixing of R Ph.Ct side arms of aux.bus isolator.
220/100KV, 100 MVA T/F No-III @ Taloja	11/06/2009	09.30	11/06/2009	17.35	R.M.Work.
220/132KV 100MVA ICT-I at Chalisgaon	11/06/2009	09.50	11/06/2009	21.10	Replacement of HV side Y and B Ph.CT.
150 MVA 220/132 KV ICT @ Nannded	11/06/2009	10.13	11/06/2009	17.52	CTR Fire Prot.Work.
Lonikhand-Theur CKT.I	11/06/2009	10.43	11/06/2009	13.05	Retrofitting work.
220/132 KV 200 MVA ICT-III at Phursungi	11/06/2009	12.25	11/06/2009	19.17	Testing Work
Lonikhand-Theur CKT. II	11/06/2009	13.75	11/06/2009	16.30	Retrofitting work.
Jindal-Ghatghar	11/06/2009	14.55	11/06/2009	18.36	Maintenance work
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
BBLSR II- BBL SRL CKT. I	11/06/2009	16.06	11/06/2009	16.28	To attend sparking line isolator Aux.Bus.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Badnera	29/05/2009	05.15	12/06/2009	00.18	To increase loading of Akola ICT
Wardha--Dhamangaon	11/06/2009	07.38		Continued.	To increase loading of Akola ICT
Voltage Level : 220KV			Outage Type TRIPPED		
Pophali - Pedambe - I	11/06/2009	11.35	11/06/2009	12.00	Tripped on Dist.Prot.
Voltage Level : 132KV			Outage Type TRIPPED		
Kanhan-132kv Rly TSS ckt.I	11/06/2009	17.45	11/06/2009	18.15	Tripped - O/C,E/F Prot.
Kanhan-132kv Rly.TSS ckt.II	11/06/2009	17.45	11/06/2009	18.00	Tripped - O/C,E/F Prot.
Ambazari-Khaperkheda ckt.I	11/06/2009	17.45		Continued.	Tripped on Back up Prot.
Ambazari-Khaperkheda ckt.II	11/06/2009	17.45		Continued.	Tripped on Dist.Prot.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 12/Jun/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	80
Unit 2	105	0
Unit 3	105	60
Unit 4	105	50
Unit 5	200	170
Unit 6	210	0
Unit 7	210	180
	1040	540
Bhusawal		
Unit 1	58	50
Unit 2	210	170
Unit 3	210	175
	478	395
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	140
Unit 4	210	150
Unit 5	210	165
Unit 6	250	0
	940	495
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	210
Unit 4	210	170
Unit 5	500	400
Unit 6	500	400
Unit 7	500	400
	2340	1920
Paras		
Unit 2	55	22
Unit 3	250	165
	305	187
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	170
Unit 4	210	170
	840	680
Nasik		
Unit 1	120	70
Unit 2	120	0
Unit 3	210	0
Unit 4	210	190
Unit 5	210	170
	870	430
Uran		
All Units	852	620
	852	620
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		

Generating unit	Derated Capacity (MW)	OLC (MW)
KDPH	40	36
VTRNA	60	61
TILLARI	60	0
BHTGR/VEER	21	13
BHIRA T.R.	80	80
RNGR+BHTSA	20	11
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	211
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	960	887
RGPPPL III	740	
	1700	887
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	140
TATA Hydro	444	447
	2024	1767
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	2947
	3143	2947

	17616	12749
--	--------------	--------------