



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

State Load Dispatch Center, Airoli

Daily system Report

for

29/May/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 29/May/2009 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	114.302	3309.285	1) Madhya Pradesh	69.336	1722.869
2) Hydro	2.779	347.406	2) Gujrat	14.414	514.886
3) Gas	15.583	442.061	3) Goa	-6.107	-175.098
Total MSGENCO	132.664	4098.752	4) TAPS 1&2 (Inj.)	6.785	186.228
B) OTHERS			5) Pench (Excess)	0.000	-1.921
1) RGPPL Gas	22.160	492.314	# Total Cent. Sector	84.428	2246.964
2) Wind Generation	16.271	380.238	F) Other Exchanges		
3) PENCH (MS)	0.000	1.921	1) With TPCL	-6.625	-75.820
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	31.562	944.774	1) MSEDCL Bilateral	10.405	269.590
2) TPCL Hydro	4.149	114.348	Include PX	3.119	39.284
TOTAL TPCL	35.711	1059.122	2) MUMBAI Bilateral	5.675	99.475
3) REL Thermal	12.637	365.334	Include PX	0.317	-12.691
D) STATE			3) MUMBAI Schedule	5.675	99.475
1) Thermal (A1+C1+C3)	158.501	4619.393	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	6.928	463.675	1) MSEDCL	248.898	7146.290
3) Gas (A3+B1)	37.743	934.375	2) TPCL	36.848	997.876
4) Wind (B2)	16.271	380.238	3) REL	18.124	498.661
TOTAL STATE	219.443	6397.681	TOTAL STATE	303.870	8642.827

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 11 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4737	4886	4731
MSGENCO Hydro	87	131	65
MSGENCO Gas	642	648	682
MSGENCO Total Generation	5466	5665	5478
Central Sector Receipt	3651	3872	3101
RGPPL	922	933	925
WIND	322	842	805
Exchange with TPCL	-484	-179	-73
MSEDCL DEMAND MET	9877	11133	10236
Load Shedding	3289	2650	904
MSEDCL DEMAND (INCL. LS)	13166	13783	11140
TPCL GENERATION	1603	1699	1302
REL GENERATION	525	527	527
TPCL+REL DEMAND	2612	2405	1902
STATE DEMAND MET	12489	13538	12138
STATE DEMAND (INCL. LS)	15778	16188	13042
Frequency (Hz)	49.82	50.20	49.91
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			4024 MW at 14.00 Hrs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			67.10 Mus

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.58 Hz at 18.01 Hrs	49.19 Hz at 15.39 Hrs	49.92	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 29/May/2009

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 1	0.00	7.10	0	0	0
Unit 2	1.71	34.20	78	50	70
Unit 3	0.00	28.21	0	0	0
Unit 4	1.02	31.99	69	15	40
Unit 5	3.71	87.65	180	136	150
Unit 6	3.29	89.59	171	0	160
Unit 7	4.01	97.02	198	146	180
	13.74	375.78			600
Bhusawal					
Unit 1	0.60	30.12	27	22	25
Unit 2	3.42	105.20	173	0	160
Unit 3	4.26	119.26	184	170	175
	8.29	254.58			360
Parli					
Unit 1	0.16	13.39	18	0	20
Unit 2	0.59	16.29	26	23	20
Unit 3	1.28	77.64	143	0	150
Unit 4	3.64	108.06	157	146	150
Unit 5	4.06	100.74	180	159	160
Unit 6	4.88	134.95	220	193	220
	14.61	451.07			720
Chandrapur					
Unit 1	4.24	118.32	179	173	170
Unit 2	4.05	115.79	172	165	170
Unit 3	4.94	129.74	209	200	210
Unit 4	0.00	0.00	0	0	0
Unit 5	7.96	236.03	372	305	350
Unit 6	9.54	273.54	435	340	425
Unit 7	10.45	252.64	450	415	450
	41.17	1126.07			1775
Paras					
Unit 2	0.38	26.04	31	0	35
Unit 3	4.61	143.55	230	180	170
	4.99	169.58			205
Khaparkheda					
Unit 1	4.23	120.35	196	163	170
Unit 2	4.22	121.99	190	168	170
Unit 3	4.24	124.12	192	170	170
Unit 4	4.21	123.68	190	168	170
	16.90	490.14			680
Nasik					
Unit 1	0.00	52.72	0	0	0
Unit 2	1.82	37.44	89	58	60
Unit 3	4.32	123.20	199	172	175
Unit 4	4.16	109.86	181	167	170
Unit 5	4.28	118.85	192	165	170
	14.60	442.07			575
Uran					
All Units	15.58	442.06	689	554	650
	15.58	442.06			650
Koyna					
Stage 1-2	1.02	71.66	65	30	600
Stage 4	1.14	139.31	716	0	250
Koyna 12&4 Total	2.16	210.97			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	0.01	45.44	6	0	320
	2.17	256.41			1170
Hydro					
KDPH	0.00	12.63	0	0	36
VTRNA	0.00	23.80	0	0	0
TILLARI	0.00	3.53	0	0	0
BHTGR/VEER	0.00	17.67	0	0	9
BHIRA T.R.	0.28	5.80	81	0	80
RNGR+BHTSA	0.24	8.84	11	10	13
BHANDARDRA	0.00	10.83	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	1.42	10	0	0
GHATGHAR	0.03	6.50	26	0	0
	0.61	90.99			138
PENCH (MS)					
Pench (MS)	0.00	1.92	0	0	
	0.00	1.92			
Wind					
MalharPeth	0.57	11.68			
Vankuswadi	1.20	24.48			
ATIT	0.20	4.58			
Kale	0.57	4.92			
Satara	0.46	16.28			
Shirala	0.34	9.20			
K Mahankal	0.06	6.63			
Supa	0.20	5.91			
Vita	1.82	44.91			
Dondaicha	7.29	167.93			
Sakri	1.18	27.42			
Nandurbar	1.03	24.39			
Khadakale	0.60	17.61			
Khaparale	0.76	14.30			
	16.27	380.24			
Dabhol					
RGPP L II	22.16	492.31	934	880	575
RGPP L III		0.00			
	22.16	492.31			575
Tata					
Trombay 4		0.00	0	0	0
Trombay 5	12.12	351.16	505	505	500
Trombay 6	11.55	306.54	510	330	500
Trombay 7A	2.98	82.60	126	122	120
Trombay 7B	1.64	46.23	69	68	60
Trombay 8	3.27	158.24	153	130	140
TATA Hydro	4.15	114.35	406	2	447
	35.71	1059.12			1767
REL					
1&2	12.64	365.33	529	524	500
	12.64	365.33			500
Cent Sect					
Share					3047
					3047

MS PG CL	Thermal	114.30	3309.28		4915
	Thml+Gas	129.88	3751.35		5565
	Hydro	2.78	347.41		1308
	Total	132.66	4098.75		6873
State Total		219.44	6397.68		12762

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/May/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	4890	92	689	5671	922	816	3003	3260	-63	-111	10558	820	11378	1977	13355	49.70
2	4876	75	680	5631	923	854	2897	3354	-63	-73	10689	815	11504	1940	13444	49.83
3	4731	65	682	5478	925	805	2897	3101	-63	-73	10236	904	11140	1902	13042	49.91
4	4670	55	682	5407	926	733	2899	3019	-63	-71	10014	1300	11314	1823	13137	50.14
5	4728	55	680	5463	923	720	2901	3164	-63	-74	10196	1278	11474	1770	13244	50.04
6	4776	50	656	5482	925	666	2901	3376	-63	-72	10377	1421	11798	1766	13564	49.84
7	4836	50	652	5538	924	463	2894	3223	-63	-74	10074	2008	12082	1807	13889	50.17
8	4874	55	654	5583	923	528	3040	3081	93	38	10153	2059	12212	1803	14015	50.07
9	4871	46	650	5567	922	420	3202	3308	-73	-132	10085	2695	12780	2001	14781	49.95
10	4787	66	644	5497	920	424	3527	3715	-428	-488	10068	3004	13072	2421	15493	49.75
11	4737	87	642	5466	922	322	3525	3651	-428	-484	9877	3289	13166	2612	15778	49.82
12	4715	142	637	5494	926	386	3565	3810	-472	-531	10085	3401	13486	2742	16228	49.69
13	4702	76	632	5410	908	478	3538	3744	-517	-581	9959	3422	13381	2775	16156	49.66
14	4635	50	636	5321	927	538	3512	3732	-517	-577	9941	3483	13424	2641	16065	49.85
15	4614	40	554	5208	923	639	3511	3595	-517	-580	9785	3357	13142	2706	15848	49.52
16	4608	50	634	5292	918	696	3518	3664	-524	-586	9984	2738	12722	2775	15497	49.53
17	4683	40	641	5364	880	742	3529	3915	-535	-596	10305	2605	12910	2740	15650	49.94
18	4799	60	650	5509	930	882	3249	3729	-268	-322	10728	2436	13164	2611	15775	50.24
19	4915	60	652	5627	932	884	3178	3239	-206	-255	10427	2357	12784	2388	15172	50.23
20	4916	98	648	5662	930	932	2961	3523	-160	-209	10838	2743	13581	2484	16065	49.95
21	4886	131	648	5665	933	842	2975	3872	-160	-179	11133	2650	13783	2405	16188	50.20
22	4794	73	642	5509	932	921	3003	3738	-186	-216	10884	2465	13349	2313	15662	50.05
23	4661	477	642	5780	932	802	3066	3968	-208	-219	11263	1465	12728	2306	15034	49.91
24	4598	786	656	6040	934	778	2995	3647	-128	-160	11239	1180	12419	2265	14684	50.06
MUs	114.30	2.78	15.58	132.66	22.16	16.27	76.29	84.43	-5.67	-6.62	248.90	53.90	302.79	54.97	357.77	49.92

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 29/May/2009

Position as on 6.30 Hrs of 30/May/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-4)	210	28/04/2009	10.15	30/05/2009	03.54	Annual Overhaul	
Cent_Sect NTPC(V-10)	500	25/05/2009	08.50		Continued.	Capital overhaul	26/06/2009
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	01/06/2009
Dabhol 1B	230	22/01/2009	12.05		Continued.	BHMS Installation work	
Tata Trombay 4	150	09/04/2009	02.10		Continued.	W/dn	
Koradi Unit 3	105	20/05/2009	21.46	30/05/2009	23.35	Furnace Casing damage.	
Koradi Unit 1	105	21/05/2009	08.49		Continued.	Hot Spot in Windbox.	31/05/2009
Uran Unit 3	60	29/05/2009	01.03		Continued.	Governer Problem	
Koradi Unit 6	210	29/05/2009	02.21	29/05/2009	04.33	Furnace Pressure High	
Parli Unit 1	30	29/05/2009	09.19	30/05/2009	21.28	ESP Problem.	
Parli Unit 3	210	29/05/2009	09.24		Continued.	Boiler Tube Leakage	31/05/2009
Cent_Sect TARAPUR-4	540	29/05/2009	12.22		Continued.	Bus fault.	
Paras Unit 2	55	29/05/2009	15.37	30/05/2009	21.24	Boiler Tube Leakage	
Bhusawal Unit 2	210	29/05/2009	21.42		Continued.	Boiler Tube Leakage	01/06/2009

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/May/2009

Position as on 6.30 Hrs of 30/May/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 II	14/05/2009	14.25		Continued.	H/T FOR O/V
DHULE-SAR'SAROVAR-I	29/05/2009	01.36	29/05/2009	07.30	H/T FOR O/V
DHULE-SAR'SAROVAR-I	30/05/2009	02.52	30/05/2009	06.18	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		
400/220 KV 315 MVA ICT at Khadka	25/05/2009	12.14	29/05/2009	13.13	L.V.side on TBC.(overhauling on own breaker.)
400/220KV 315 MVA ICT-I at padgha	29/05/2009	07.43	29/05/2009	18.53	Bay Maintenance work.
Padgha-Kharghar	29/05/2009	07.56	30/05/2009	15.40	Insulator Replacement
400/220 KV 315 MVA ICT at Khadka	29/05/2009	11.00	29/05/2009	13.13	L.V.side protection trial
400/220KV 105MVA Spare ICT at Nagothane	29/05/2009	16.31	29/05/2009	17.19	Buchholz relay work
STG IV-New Koyna-II	30/05/2009	08.26	30/05/2009	20.31	Y & B Ph.CVT Repacement Work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/100KV 125 MVA ICT-II at Kalwa	01/05/2009	07:45		Continued.	Repair Work
Temghar-Colourchem	24/05/2009	10.25	29/05/2009	20.51	Line diversion work.
220/100kv,125MVA ICT-II at Borivali	25/05/2009	08.40	29/05/2009	20:15	Replacement of isolator.
Chandrapur-Warora - I	27/05/2009	09.01	29/05/2009	19:34	Retrofitting work.
Kandalgaon-Lonand	29/05/2009	07.31	29/05/2009	18.21	Insulator Replacement
Chalisgaon-BSL-I	29/05/2009	08.05		Continued.	Line shifting
Bhusawal-Chalisgaon-II	29/05/2009	08.12		Continued.	Line shifting
Raymond-Washala	29/05/2009	09.15	29/05/2009	20.10	New Isolator erection for T/F bay
220/100KV 100MVA ICT-I at Tambati	29/05/2009	09.30	29/05/2009	13.25	R.M.Work.
220/100KV 100MVA ICT-II at Tambati	29/05/2009	14.15	29/05/2009	17.45	R.M.Work.
220KV Bus at Kalyani	30/05/2009	10.20	30/05/2009	14.45	Jumper Replacement.
Miraj-Vita	30/05/2009	11.15	30/05/2009	13.41	Tan Delta Measurment.
Kalwa-C'chem	30/05/2009	12.27		Continued.	Tower shifting work
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Malkapur - Khamgaon	28/05/2009	12.05		Continued.	Retrofitting work.
Voltage Level : 500KV			Outage Type FORCED OUTAGE		
HVDC POLE II - CHDPR	29/05/2009	22.42	30/05/2009	03.42	Thyrister valve problem
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/100KV 200MVA ICT at Padgha	29/05/2009	11.00	30/05/2009	04.56	To attend Oil Leakage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Warora-Hinganghat	27/05/2009	19.39	29/05/2009	19.44	To Control Load Of 220 KV CHDPR-WARORA-II.
Wardha-Badnera	29/05/2009	05.15		Continued.	To increase loading of Akola ICT
Bableshwar-Bhenda	29/05/2009	07.55	29/05/2009	23.30	H/T for C'gaon-Bhusawal D/C outage

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/May/2009

Position as on 6.30 Hrs of 30/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 132KV			Outage Type HAND TRIPPED		
pardi-uppalwadi	29/05/2009	19.30	30/05/2009	06.30	H/T to control Ambazari-Mankapur line loading

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 30/May/2009

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 1	105	0
Unit 2	105	70
Unit 3	105	0
Unit 4	105	50
Unit 5	200	140
Unit 6	210	150
Unit 7	210	140
	1040	550
Bhusawal		
Unit 1	58	50
Unit 2	210	0
Unit 3	210	175
	478	225
Parli		
Unit 1	30	0
Unit 2	30	20
Unit 3	210	0
Unit 4	210	150
Unit 5	210	160
Unit 6	250	220
	940	550
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	210
Unit 4	210	0
Unit 5	500	330
Unit 6	500	425
Unit 7	500	450
	2340	1755
Paras		
Unit 2	55	0
Unit 3	250	180
	305	180
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	170
Unit 4	210	170
	840	680
Nasik		
Unit 1	120	0
Unit 2	120	90
Unit 3	210	175
Unit 4	210	170
Unit 5	210	170
	870	605
Uran		
All Units	852	640
	852	640
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	0
VTRNA	60	0
TILLARI	60	0
BHTGR/VEER	21	15
BHIRA T.R.	80	80
RNGR+BHTSA	20	13
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	0
GHATGHAR	250	0
	611	108
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	740	575
RGPPPL III	740	
	1480	575
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	3064
	3143	3064