



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

State Load Dispatch Center, Airoli

Daily system Report

for

27/May/2009

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 27/May/2009 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	117.065	3078.655	1) Madhya Pradesh	58.035	1591.368
2) Hydro	8.737	339.558	2) Gujrat	17.732	485.485
3) Gas	15.411	410.514	3) Goa	-5.973	-163.031
Total MSGENCO	141.213	3828.727	4) TAPS 1&2 (Inj.)	6.758	172.690
B) OTHERS			5) Pench (Excess)	0.000	-1.921
1) RGPPL Gas	22.089	448.669	# Total Cent. Sector	76.552	2084.591
2) Wind Generation	14.065	349.043	F) Other Exchanges		
3) PENCH (MS)	0.000	1.921	1) With TPCL	-6.476	-62.638
C) TPCL & REL			G) Bilateral Power *		
1) TPCL Thermal	30.340	882.578	1) MSEDCL Bilateral	7.100	249.860
2) TPCL Hydro	5.013	105.159	Include PX	0.000	33.573
TOTAL TPCL	35.353	987.737	2) MUMBAI Bilateral	5.938	88.250
3) REL Thermal	12.638	340.081	Include PX	0.284	-13.008
D) STATE			3) MUMBAI Schedule	5.938	88.250
1) Thermal (A1+C1+C3)	160.043	4301.314	H) ENERGY CATERED (MUs)		
2) Hydro (A2+B3+C2)	13.750	446.638	1) MSEDCL	247.443	6652.234
3) Gas (A3+B1)	37.500	859.183	2) TPCL	36.267	924.253
4) Wind (B2)	14.065	349.043	3) REL	18.200	462.468
TOTAL STATE	225.358	5956.178	TOTAL STATE	301.910	8038.955

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	4940	4995	4670
MSGENCO Hydro	366	924	85
MSGENCO Gas	635	642	651
MSGENCO Total Generation	5941	6561	5406
Central Sector Receipt	3449	3335	3014
RGPPL	917	924	925
WIND	369	595	732
Exchange with TPCL	-478	-212	-120
MSEDCL DEMAND MET	10198	11203	9957
Load Shedding	2636	2188	534
MSEDCL DEMAND (INCL. LS)	12834	13391	10491
TPCL GENERATION	1657	1662	1145
REL GENERATION	525	525	529
TPCL+REL DEMAND	2660	2399	1794
STATE DEMAND MET	12858	13602	11751
STATE DEMAND (INCL. LS)	15494	15790	12285
Frequency (Hz)	49.40	49.48	49.83
MSEDCL's Max Demand-Supply Gap (excluding UI, D.A.Power & Unsch.Hyd.Gen)			2973 MW At 21.00 HRs
MSEDCL's Dem.-Supply Gap for day (excluding UI, D.A.Power & Unsch.Hyd.Gen)			50.48 MUs.

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49Hz
50.16 Hz at 04.06 Hrs	48.79 Hz at 15.11 Hrs	49.54	1.16 % 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 27/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	1.74	30.81	78	64	70
Unit 3	0.00	28.21	0	0	0
Unit 4	1.70	29.90	78	50	70
Unit 5	4.04	79.95	184	141	140
Unit 6	0.36	85.29	146	0	0
Unit 7	4.52	88.58	202	176	180
	12.34	349.84			460
Bhusawal					
Unit 1	1.19	28.38	54	45	50
Unit 2	4.03	98.03	179	158	175
Unit 3	4.14	110.85	183	162	175
	9.37	237.26			400
Parli					
Unit 1	0.43	12.80	18	17	20
Unit 2	0.55	15.14	25	21	20
Unit 3	3.36	72.94	144	122	150
Unit 4	3.68	100.76	159	146	150
Unit 5	3.94	92.53	178	149	160
Unit 6	4.82	125.08	227	179	220
	16.79	419.24			720
Chandrapur					
Unit 1	4.09	109.97	177	158	170
Unit 2	4.02	107.69	171	155	170
Unit 3	4.58	119.88	207	162	210
Unit 4	0.00	0.00	0	0	0
Unit 5	8.59	219.50	414	314	400
Unit 6	9.96	254.43	461	381	425
Unit 7	9.50	232.40	453	332	425
	40.74	1043.87			1800
Paras					
Unit 2	0.53	24.63	26	19	20
Unit 3	5.44	134.40	248	202	210
	5.97	159.03			230
Khaparkheda					
Unit 1	4.16	111.94	180	166	170
Unit 2	4.12	113.77	182	156	170
Unit 3	4.15	115.70	178	170	170
Unit 4	4.18	115.32	178	170	170
	16.60	456.73			680
Nasik					
Unit 1	2.13	51.72	96	83	90
Unit 2	1.62	34.15	85	8	90
Unit 3	4.24	114.73	192	163	170
Unit 4	3.20	101.62	170	0	170
Unit 5	4.06	110.46	175	159	170
	15.24	412.68			690
Uran					
All Units	15.41	410.51	658	625	640
	15.41	410.51			640
Koyna					
Stage 1-2	2.60	68.75	320	35	600
Stage 4	3.28	137.59	560	0	250
Kovna 12&4 Total	5.88	206.34			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Stage 3	1.38	44.65	160	0	320
	7.26	251.00			1170
Hydro					
KDPH	0.82	12.12	35	34	36
VTRNA	0.00	23.80	0	0	60
TILLARI	0.00	3.53	0	0	0
BHTGR/VEER	0.02	17.59	1	0	12
BHIRA T.R.	0.29	5.23	84	0	80
RNGR+BHTSA	0.28	8.30	12	11	15
BHANDARDRA	0.00	10.83	0	0	0
ELDARY	0.00	0.00	0	0	0
PAITHAN	0.06	1.30	10	0	10
GHATGHAR	0.00	5.87	0	0	0
	1.48	88.56			213
PENCH (MS)					
Pench (MS)	0.00	1.92	0	0	
	0.00	1.92			
Wind					
MalharPeth	0.33	10.65			
Vankuswadi	0.66	22.38			
ATIT	0.09	4.24			
Kale	0.05	4.28			
Satara	0.31	15.48			
Shirala	0.26	8.49			
K Mahankal	0.36	6.00			
Supa	0.11	5.57			
Vita	1.40	41.21			
Dondaicha	7.37	153.81			
Sakri	1.16	25.13			
Nandurbar	1.10	22.36			
Khadakale	0.27	16.43			
Khaparale	0.60	13.00			
	14.06	349.04			
Dabhol					
RGPP L II	22.09	448.67	925	909	575
RGPP L III	0.00	0.00	0	0	
	22.09	448.67			575
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	12.12	326.92	505	505	500
Trombay 6	10.43	284.24	510	200	500
Trombay 7A	2.93	76.69	125	120	120
Trombay 7B	1.63	42.96	68	67	60
Trombay 8	3.24	151.76	147	128	150
TATA Hydro	5.01	105.16	441	2	447
	35.35	987.74			1777
REL					
1&2	12.64	340.08	529	524	500
	12.64	340.08			500
Cent Sect					
Share					3116
					3116

MS PG CL	Thermal	117.06	3078.66		4980
	Thml+Gas	132.48	3489.17		5620
	Hydro	8.74	339.56		1383
	Total	141.21	3828.73		7003
State Total		225.36	5956.18		12971

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 27/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	4748	109	648	5505	924	816	2933	3010	-86	-115	10140	537	10677	2052	12729	49.67
2	4737	85	650	5472	924	768	2857	2864	-86	-97	9931	543	10474	1909	12383	49.74
3	4670	85	651	5406	925	732	2838	3014	-86	-120	9957	534	10491	1794	12285	49.83
4	4705	95	658	5458	925	730	2832	2992	-86	-117	9988	791	10779	1702	12481	49.82
5	4739	96	651	5486	923	700	2832	3178	-86	-125	10162	975	11137	1700	12837	49.75
6	4838	202	650	5690	924	686	2859	2976	-86	-115	10161	1480	11641	1686	13327	49.46
7	4966	97	654	5717	924	544	2864	2625	-86	-118	9692	1798	11490	1699	13189	49.63
8	5017	88	652	5757	923	531	2961	3088	-130	-157	10142	1575	11717	1814	13531	49.65
9	5003	158	648	5809	921	563	2966	3293	-140	-160	10426	1958	12384	2001	14385	49.58
10	4982	152	641	5775	918	357	3285	3307	-445	-473	9884	2384	12268	2422	14690	49.48
11	4940	366	635	5941	917	369	3283	3449	-445	-478	10198	2636	12834	2660	15494	49.40
12	4913	569	635	6117	918	338	3289	3366	-449	-480	10259	2709	12968	2743	15711	49.49
13	4896	527	632	6055	909	503	3294	3459	-444	-473	10453	2582	13035	2733	15768	49.51
14	4892	447	628	5967	917	398	3293	3463	-444	-475	10270	2639	12909	2671	15580	49.42
15	4901	482	628	6011	915	520	3291	3303	-435	-464	10285	2525	12810	2726	15536	49.37
16	4849	423	625	5897	913	640	3291	3267	-435	-465	10252	2439	12691	2765	15456	49.27
17	4824	287	635	5746	915	546	3300	3300	-448	-472	10035	2660	12695	2723	15418	49.45
18	4858	292	645	5795	918	792	3098	3279	-318	-343	10441	2347	12788	2609	15397	49.73
19	4947	190	643	5780	919	660	3032	3197	-257	-278	10278	2036	12314	2470	14784	49.69
20	5035	583	636	6254	921	673	3121	3134	-213	-228	10754	2423	13177	2458	15635	49.33
21	4995	924	642	6561	924	595	3141	3335	-213	-212	11203	2188	13391	2399	15790	49.48
22	4991	870	640	6501	924	540	3141	3290	-213	-213	11042	1910	12952	2276	15228	49.42
23	4968	912	641	6521	924	490	3181	3379	-213	-208	11106	1388	12494	2251	14745	49.43
24	4882	698	642	6222	924	573	3068	3283	-90	-90	10912	1096	12008	2204	14212	49.45
MUs	117.30	8.74	15.41	141.44	22.09	14.06	74.05	76.85	-5.94	-6.48	247.97	44.15	292.12	54.47	346.59	49.54

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 27/May/2009

Position as on 6.30 Hrs of 28/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
Chandrapur Unit 4	210	21/04/2009	00.05		Continued.	W/D for COH.	30/05/2009
Cent_Sect NTPC(V-4)	210	28/04/2009	10.15		Continued.	Annual Overhaul	30/05/2009
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 4	60	01/04/2008	00:00		Continued.	Gas Restriction	
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		Continued.	Furnace Casing damage.	31/05/2009
Uran Unit 3	60	21/05/2009	01.15		Continued.	Gas Restriction	
Koradi Unit 1	105	21/05/2009	08.49		Continued.	Hot Spot in Windbox.	31/05/2009
Nasik Unit 2	125	22/05/2009	17.15	27/05/2009	00.40	Coal Mill Problem	
Nasik Unit 4	210	23/05/2009	23.13	27/05/2009	03.00	Gland steam cooler leakages	
Koradi Unit 6	210	27/05/2009	02.26		Continued.	Coal Mill Problem	30/05/2009

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/May/2009

Position as on 6.30 Hrs of 28/May/2009

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Mudshingi-Chikodi	27/05/2009	12.55	27/05/2009	15.10	Q.M. WORK
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	27/05/2009	02.27	27/05/2009	07.29	H/T FOR O/V
DHULE-SAR'SAROVAR-I	28/05/2009	02.47		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		
400/220 KV 315 MVA ICT at Khadka	25/05/2009	12.14		Continued.	L.V.side on TBC.(overhauling on own breaker.)
Parli-Solapur	27/05/2009	14.36	27/05/2009	18.33	Isolator alignment Work,at Solapur
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		Continued.	Line diversion work.
220/100kv,125MVA ICT-II at Borivali	25/05/2009	08.40		Continued.	Replacement of isolator.
Koradi-Ambazari ckt - II	27/05/2009	08.33	27/05/2009	18.01	Replacement Of B Ph Wavetrap at Ambazari.
Nasik-Bablsr Ckt II	27/05/2009	08.38	27/05/2009	18.34	Restrining of Earth Wire
Chandrapur-Warora - I	27/05/2009	09.01		Continued.	Retrofitting work.
Kharepatan-Pawas	27/05/2009	09.20	27/05/2009	18.26	Insulator Washing
Khaparkhedha-Kawlewada-II	27/05/2009	10.16	27/05/2009	15.35	R.M. Work
Karad-Pophali	27/05/2009	10.22	27/05/2009	13.56	To attend Hot Spot On T Clamp.
220/110 KV 100 MVA T/F.At Miraj.	27/05/2009	11.50	27/05/2009	14.58	tand Measurement.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Bableshwar-Bhenda	27/05/2009	17.21	27/05/2009	21.22	To control BBLSR ICT Loading.
Warora-Hinganghat	27/05/2009	19.39		Continued.	To Control Load Of 220 KV CHDPR-WARORA-II.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Parli-Gangakhed	26/05/2009	23.12	27/05/2009	01.46	Aux.Bus Isolator.Heavy Sparking.
Voltage Level : 220KV			Outage Type TRIPPED		
Lonikhand-Theur CKT. II	27/05/2009	12.28	27/05/2009	13.27	Dist.Prot.Operated,P.T.Fuse Fail,Tripped from Theur end only.
Nasik-Bablsr Ckt I	27/05/2009	16.58	27/05/2009	17.33	Dist.Prot,B Ph-E
Voltage Level : 132KV			Outage Type TRIPPED		
Boisar-MIDC	27/05/2009	14.11	27/05/2009	15.04	Dist.Prot,R Ph Conductor Snapped.
null					
Voltage Level : 220KV			Outage Type TRIPPED		
Theur-Jejuri	27/05/2009	12.43	27/05/2009	13.28	Dist.Prot.Operated,P.T.Fuse Fail,Tripped from Theur end only.
Theur-Chinchwad	27/05/2009	12.45	27/05/2009	13.32	Dist.Prot.operated,P.T.Fuse fail.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 28/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	30
Unit 5	200	180
Unit 6	210	0
Unit 7	210	180
	1040	460
Bhusawal		
Unit 1	58	58
Unit 2	210	170
Unit 3	210	175
	478	403
Parli		
Unit 1	30	20
Unit 2	30	20
Unit 3	210	150
Unit 4	210	150
Unit 5	210	160
Unit 6	250	220
	940	720
Chandrapur		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	210
Unit 4	210	0
Unit 5	500	400
Unit 6	500	425
Unit 7	500	450
	2340	1825
Paras		
Unit 2	55	50
Unit 3	250	205
	305	255
Khaparkheda		
Unit 1	210	170
Unit 2	210	170
Unit 3	210	170
Unit 4	210	170
	840	680
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	170
Unit 4	210	170
Unit 5	210	170
	870	690
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	36
VTRNA	60	0
TILLARI	60	0
BHTGR/VEER	21	15
BHIRA T.R.	80	80
RNGR+BHTSA	20	12
BHANDARDRA	45	0
ELDARY	23	0
PAITHAN	12	10
GHATGHAR	250	0
	611	153
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	250
TATA Hydro	444	447
	2024	1877
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3143	3080
	3143	3080

	17396	13028
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