



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

State Load Dispatch Center, Airoli

Daily system Report

for

29/May/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 29/May/2011 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	118.914	3338.533	1) Madhya Pradesh	61.321	1758.808
2) Hydro	14.935	554.872	2) Gujrat	29.911	862.209
3) Gas	15.153	440.250	3) Goa	-6.482	-203.039
Total MSGENCO	149.002	4333.655	4) TAPS 1&2 (Inj.)	7.807	219.598
B) OTHERS			5) Pench (Excess)	-0.179	-4.161
1) RGPPL Gas	31.541	999.275	# Total Cent. Sector	92.378	2633.415
2) Wind Generation	13.877	351.126	F) Other Exchanges		
3) CPP	17.747	589.722	1) With TPCL (Excess)	-11.044	-334.402
4) PENCH (MS)	0.179	4.345	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	16.789	412.341
1) TPCL Thermal	26.222	806.267	Include PX	0.000	20.428
2) TPCL Hydro	0.032	106.013	2) MUMBAI Bilateral	9.794	355.989
TOTAL TPCL	26.254	912.280	Include PX	0.465	-11.758
3) REL Thermal	12.475	362.535	3) MUMBAI Schedule	9.794	355.989
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	157.611	4507.335	1) MSEDCL	293.680	8577.136
2) Hydro (A2+B3+C2)	15.146	665.230	2) TPCL	32.748	1062.943
3) Gas (A3+B1)	46.694	1439.525	3) REL	17.024	546.205
4) Wind (B2)	13.877	351.126	TOTAL STATE	343.452	10186.284
5) CPP (B3)	17.747	589.722			
TOTAL STATE	251.075	7552.938			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	4904	5258	4632
MSGENCO Hydro	980	110	200
MSGENCO Gas	630	633	630
MSGENCO Total Generation	6514	6001	5462
Central Sector Receipt	4226	4120	3717
RGPPL	1294	1321	1319
WIND	307	760	799
CPP	776	780	678
Exchange with Mumbai	-495	-595	-267
MSEDCL DEMAND MET	12622	12398	11718
Load Shedding (LS)	0	0	0
MSEDCL DEMAND (INCL. LS)	12622	12398	11718
TPCL GENERATION	1064	1172	1075
REL GENERATION	521	518	519
TPCL+REL DEMAND	2080	2285	1861
STATE DEMAND MET	14702	14683	13579
Load Management (LM)	1941	3335	1748
Total Load Relief (LS+LM)	1941	3335	1748
UNRESTRICTED STATE DEMAND	16643	18018	15327
Frequency (Hz)	49.79	50.03	49.77

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.59 Hz at 18.02 Hrs	49.44 Hz at 00.02 Hrs	49.93	0 % of Time(min)

* 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/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.10	118.10	177	163	170
Unit 6	4.19	125.94	183	161	180
Unit 7	4.08	123.72	175	165	168
	12.38	367.75			518
Bhusawal					
Unit 2	3.74	81.50	165	140	180
Unit 3	4.42	118.63	190	175	180
Unit 4		0.00	0	0	
	8.16	200.13			360
Parli					
Unit 3	3.22	86.65	149	123	132
Unit 4	3.50	91.49	166	129	130
Unit 5	3.52	86.51	169	126	140
Unit 6	2.44	111.14	223	0	0
Unit 7	4.88	107.47	248	126	220
	17.55	483.25			622
Chandrapur					
Unit 1	3.28	98.84	160	123	140
Unit 2	3.27	81.69	153	126	140
Unit 3	3.59	120.00	170	130	150
Unit 4	3.57	112.79	168	125	150
Unit 5	10.14	264.96	445	400	425
Unit 6	9.28	253.64	426	349	425
Unit 7	10.47	278.00	468	394	400
	43.59	1209.92			1830
Paras					
Unit 3	5.37	118.20	238	208	230
Unit 4	2.22	77.03	233	0	50
	7.59	195.23			280
Khaparkheda					
Unit 1	0.22	116.88	115	0	0
Unit 2	4.34	129.36	190	171	200
Unit 3	4.30	23.62	197	161	200
Unit 4	5.25	150.44	222	210	210
Unit 5		0.00	0	0	
	14.10	420.29			610
Nasik					
Unit 1	2.02	56.05	90	70	80
Unit 2	2.01	41.08	90	76	80
Unit 3	3.94	121.60	190	125	178
Unit 4	3.88	122.98	179	148	172
Unit 5	3.70	120.26	171	136	158
	15.54	461.97			668
Uran					
All Units	15.15	440.25	642	613	620
	15.15	440.25			620
Dabhol					
RGPPL	31.54	999.28	1332	1291	1250
	31.54	999.28			1250
Koyna					
Stage 1-2	3.18	130.26	490	35	600
Stage 4	7.40	255.20	836	0	250
Stage 3	2.54	85.12	286	0	320
	13.12	470.57			1170
Koyna 12&4 Total	10.59	385.46			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.30	9.76	15	0	18
VTRNA	0.00	0.00	0	0	0
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.07	5.91	3	3	5
BHIRA T.R.	0.16	5.56	65	0	80
RNGR+BHTSA	0.29	8.87	12	12	15
BHANDARDRA	0.48	18.58	20	20	16
ELDARY	0.00	5.29	0	0	0
SMLHY PTN	0.51	22.49	31	10	7
GHATGHAR	0.00	7.85	0	0	0
	1.81	84.30			141
PENCH (MS)					
Pench (MS)	0.18	4.34	26	0	
	0.18	4.34			
Wind					
MalharPeth	0.47	8.79			
Vankuswadi	0.76	22.44			
ATIT	0.45	4.53			
Kale	0.37	8.17			
Satara	0.61	17.39			
Shirala	0.39	8.22			
K Mahankal	0.24	13.27			
Supa	0.18	4.31			
Vita	1.77	35.90			
Dondaicha	5.22	145.10			
Sakri	1.05	26.02			
Nandurbar	0.84	19.51			
Khandke	0.90	18.76			
Khaparale	0.65	18.71			
	13.88	351.13			
CPP					
JSW JAIGAD	6.03	235.34	277	191	550
WARDHA	7.41	221.45	375	232	230
Other CPPs	4.31	132.62			
	17.75	589.42			780
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.76	336.65	490	490	500
Trombay 6	5.41	181.76	300	150	500
Trombay 7A	2.88	83.08	123	118	120
Trombay 7B	1.09	45.40	67	30	60
Trombay 8	5.08	159.38	250	150	240
TATA Hydro	0.03	106.01	21	0	447
	26.25	912.28			1867
REL					
1&2	12.48	362.54	523	518	500
	12.48	362.54			500
Cent Sect					
Share					3140
					3140

MS PG CL	Thermal	118.91	3338.53		4888
	Thml+Gas	134.07	3778.78		5508
	Hydro	14.94	554.87		1311
	Total	149.00	4333.66		6819
State Total		251.08	7552.94		14356

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/May/2011

TIME SR. NO.	MSPGCL GEN.			TOTAL	RGPPL	WIND	CPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	# LOAD RELEIF (LS+LM)	MSEDCL DEMAN D WITH LS	TPCL + REL DEMAND	STATE DEM. WITH LS+LM	FREQ. (Hz)
	THM	HY	GAS														
1	4626	1405	632	6663	1315	472	598	3167	3670	-591	-664	12078	2314	12078	2320	16712	49.71
2	4622	789	633	6044	1320	643	641	3035	3900	-458	-531	12043	2172	12043	2146	16361	49.83
3	4617	712	633	5962	1323	701	669	2900	3744	-319	-419	12003	1644	12003	2013	15660	49.86
4	4637	391	634	5662	1325	779	676	2792	3671	-249	-324	11812	1658	11812	1918	15388	49.91
5	4632	200	630	5462	1319	799	678	2744	3717	-201	-267	11718	1748	11718	1861	15327	49.77
6	4728	781	638	6147	1324	772	688	2701	3448	-158	-264	12115	1880	12115	1859	15854	49.82
7	4842	614	642	6098	1332	695	705	3056	3555	-307	-350	12035	1885	12035	1826	15746	50.02
8	4849	407	637	5893	1326	609	705	3082	3860	-307	-331	12062	1885	12062	1792	15739	49.96
9	4867	413	639	5919	1318	493	724	3165	3973	-307	-336	12091	1885	12091	1818	15794	49.98
10	4823	463	628	5914	1314	458	706	3324	4328	-297	-336	12384	1888	12384	1918	16190	50.06
11	4893	714	634	6241	1302	483	713	3349	4181	-409	-434	12486	1957	12486	2021	16464	49.90
12	4904	980	630	6514	1294	307	776	3333	4226	-398	-495	12622	1941	12622	2080	16643	49.79
13	4924	1474	637	7035	1293	456	771	3349	3829	-414	-474	12910	1942	12915	2096	16948	49.75
14	5035	1239	619	6893	1294	410	788	3349	3907	-414	-470	12822	2039	12924	2100	16961	49.81
15	5063	1421	613	7097	1291	282	784	3337	3651	-414	-460	12645	2056	12744	2111	16812	49.74
16	5054	1296	616	6966	1299	287	763	3270	4057	-425	-466	12906	1976	13008	2138	17020	49.95
17	5122	764	617	6503	1307	492	834	3223	4198	-387	-434	12900	1913	12998	2096	16909	50.02
18	5121	182	634	5937	1318	482	797	3133	3904	-371	-418	12020	2192	12119	2064	16276	50.22
19	5233	100	633	5966	1320	583	799	3061	3183	-464	-412	11439	3074	11475	2058	16571	50.17
20	5284	159	634	6077	1315	718	798	3027	3647	-461	-486	12069	3321	12069	2187	17577	49.95
21	5258	110	633	6001	1321	760	780	3110	4120	-548	-595	12398	3335	12398	2285	18018	50.03
22	5247	109	638	5994	1324	732	798	3122	3747	-567	-582	12023	3334	12023	2310	17667	50.07
23	5223	101	638	5962	1323	727	797	3142	4007	-635	-713	12129	3332	12129	2350	17811	50.04
24	5310	111	631	6052	1324	737	759	3202	3855	-693	-783	11970	2975	11970	2406	17351	49.99
MUs	118.91	14.94	15.15	149.00	31.54	13.88	17.75	74.97	92.38	-9.79	-11.04	293.68	54.35	294.22	49.77	397.80	49.93

NOTE : ALL VALUES IN MW

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

State Load Dispatch Center,Airoli (MSETCL)
Details of Generating Unit Outages/Trippings for 29/May/2011

Position as on 6.30 Hrs of 30/May/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect NTPC (V-1)	210	07/05/2011	00.46		Continued.	A/OH	19/06/2011
Cent_Sect NTPC(K-5)	500	10/05/2011	00.00		Continued.	Annual Overhaul	03/06/2011
Dabhol 1A	230	20/05/2011	13.22		Continued.	Rotor replacement.	20/07/2011
FORCED OUTAGE							
CPP JSW (J) U1	300	12/05/2011	00.24	30/05/2011	01.25	Annual Overhaul.	
Paras Unit 4	250	17/05/2011	04.50	29/05/2011	05.25	Performance guarantee test for 10 days .	
Dabhol 1X	290	20/05/2011	13.22		Continued.	Unit 1A and 1B out	
Dabhol 1B	230	21/05/2011	02.17		Continued.	High speed.	
Khaparkheda Unit 1	210	27/05/2011	17.01	29/05/2011	21.09	Boiler T/L.	
Cent_Sect NTPC(V-2)	210	27/05/2011	18.47		Continued.	Boiler T/L.	30/05/2011
CPP WPCL U-1	135	28/05/2011	01.30	30/05/2011	03.57	Furnace protection operated.(Suspected BTL.)	
Parli Unit 6	250	28/05/2011	10.29	29/05/2011	10.45	Coal Handling Problem.	
Koyana ST - IV 4	250	29/05/2011	22.30	30/05/2011	04.40	R.M.Work	
Chandrapur Unit 1	210	30/05/2011	00.07		Continued.	for extension of boiler steaming validity.	31/05/2011

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/May/2011

Position as on 6.30 Hrs of 30/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Borivali -Tarapur	29/05/2011	08.47	29/05/2011	16.41	Maintenance work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule-Sar'Sarovar - I	28/05/2011	00.44		Continued.	Over Voltage.
Akola - Wardha - I	29/05/2011	09.24		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Wardha - Seoni	29/05/2011	00.55	29/05/2011	10.14	Over Voltage.
Padgha - Talegaon (PG)	29/05/2011	04.39	29/05/2011	19.59	Distance protection.
Padgha - Talegaon (PG)	30/05/2011	03.04		Continued.	Distance protection.
Voltage Level : 220KV			Outage Type TRIPPED		
Halkarni-Amona I	30/05/2011	05.31	30/05/2011	05.58	Distance protection.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV315 MVA ICT-I @ BBLR	28/05/2011	00.54		Continued.	Repair and inspection of R-Ph unit.(Up to 30.05.2011)
Nagothane-Dabhol-I	29/05/2011	07.35	29/05/2011	20.00	Cold line washing of insulator string.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
Kharghar-Nerul	06/05/2011	09.32		Continued.	Dismantling and erection of towers(upto 04.06.2011)
Borivali-Mulund	17/05/2011	12.28		Continued.	Cable Termination work of 220KV Bhandup GIS Up to 10-06-2011.
220/132KV 100 MVA ICT-I @ Parbhani	21/05/2011	09.10		Continued.	Augumentation from 100 to 200 MVA,Upto 06/06/2011.
Pophali - KDPH	23/05/2011	13.20	29/05/2011	18.00	MOCB overhauling work at KDPH upto 28/05.2011.
Nasik-Padgha	26/05/2011	08.32		Continued.	Dismantling of Existing 2 Towers & Restrtring on New Tower for Line Diversion Due to Expansion of NH3 Upto 3.6.11.
Jindal - Ghatghar	26/05/2011	09.05		Continued.	Dismantling of Existing 2 Towers & Restrtring on New Tower for Line Diversion Due to Expansion of NH3 Upto 3.6.11.
220/100 KV,200 MVA,ICT at Pal	28/05/2011	08.46	29/05/2011	14.33	LV CB Overhauling work.
Bus Section - I & II @ Trombay	30/05/2011	00.27		Continued.	Cable Laying Work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Bhusawal - Jalgaon - I	18/05/2011	07.32		Continued.	Replacement of Isolator(Ckt.on TBC)
Voltage Level : 110KV			Outage Type PLANNED OUTAGE		
Bus Zone-II at 220 KV Salsette	29/05/2011	00.34	29/05/2011	04.45	Premansoon work.
Borivali-Tata Tie-I	29/05/2011	08.40	29/05/2011	16.23	Pre mansoon maintenance work.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
Babaleshwar - Ranjangaon	22/05/2011	16.05		Continued.	To control BBLSR ICT loading.
Aarey-Borivali-I	29/05/2011	08.53	29/05/2011	13.34	R Ph.CVT replacement.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/May/2011

Position as on 6.30 Hrs of 30/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	28/05/2011	21.48	29/05/2011	06.12	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Babaleshwar - Bhenda	12/05/2011	11.35		Continued.	To control BBLSR ICT Load
Chandrapur-Warora - I	19/05/2011	17.18		Continued.	To Control Loading of Warora-Wardha.
BBLSR-Waluj	25/05/2011	13.55		Continued.	To Control Babaleshwar ICT Loading.
Abhijeet-Wardha-I	26/05/2011	08.36		Continued.	To Control Koradi ICT Loading.
Wardha-Abhijeet II	27/05/2011	22.40	29/05/2011	14.33	To control loading of Koradi ICTs.
Trombay - Tifil	29/05/2011	14.29	29/05/2011	17.11	Due to fire below line in M/S Yuvraj Industries premises.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
Voltage Level : 500KV			Outage Type TRIPPED		
HVDC Pole II Padgha	30/05/2011	01.02	30/05/2011	04.14	Tripped on DC line protection.
HVDC Pole I Padgha	30/05/2011	02.05	30/05/2011	05.13	Tripped on DC line protection.
HVDC Pole-I	30/05/2011	05.24		Continued.	D C Line Fault.
Voltage Level : 400KV			Outage Type TRIPPED		
Kalwa - Lonikand	29/05/2011	04.24	29/05/2011	17.44	Distance protection.
Karad - Kolhapur - II	29/05/2011	18.27		Continued.	Distance protection.
Voltage Level : 220KV			Outage Type TRIPPED		
220/100KV 200MVA ICT-III at Kalwa	03/04/2011	16.00		Continued.	Buchholz Trip, Diff. Prot. operated, PRV tripped(Failed).
220/110KV 200MVA ICT-II at Mudshingi	10/04/2011	18.10		Continued.	Differential Protection, Defective B Phase LA replaced(Kept on Humming at 16.30Hrs on 18/4/11)
Gangapur-Valve	13/05/2011	12.34		Continued.	Tower Bent @ Loc. No.10C,7,8,9,10,11.
Khaperkheda - Wardha.	28/05/2011	23.17	29/05/2011	03.57	Distance protection,Z-I,R-Ph.
Kalwa-Nerul	29/05/2011	12.32	29/05/2011	12.45	Back up earth fault.
Mahape-Tifil	29/05/2011	12.32	29/05/2011	13.05	Distance protection
Trombay - Tifil	29/05/2011	12.32	29/05/2011	13.25	Distance protection.
Karad - Vita - I	29/05/2011	17.30	29/05/2011	18.06	Distance protection
Karad-M'peth	29/05/2011	17.34	29/05/2011	19.16	Distance protection
Vankuswadi-KDPH	29/05/2011	17.34		Continued.	Distance protection.Declared faulty.
Vankuswadi - MIDC Satara- II	29/05/2011	17.34	29/05/2011	18.15	Distance protection
Vankuswade-Malharpath	29/05/2011	17.34	29/05/2011	18.15	Distance protection
Vankushwadi - MIDC Satara - I	29/05/2011	17.34	29/05/2011	18.15	Distance protection
Talangade-Mudshingi	29/05/2011	19.44		Continued.	Distance protection.Declared faulty.
Voltage Level : 132KV			Outage Type TRIPPED		
Amravati - Akola	29/05/2011	12.00	29/05/2011	12.19	Distance protection,Z-I,R-Ph.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 30/May/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	150
Unit 6	210	160
Unit 7	210	175
	620	485
Bhusawal		
Unit 2	210	160
Unit 3	210	185
Unit 4	0	
	420	345
Parli		
Unit 3	210	120
Unit 4	210	115
Unit 5	210	150
Unit 6	250	210
Unit 7	250	215
	1130	810
Chandrapur		
Unit 1	210	0
Unit 2	210	140
Unit 3	210	160
Unit 4	210	160
Unit 5	500	400
Unit 6	500	325
Unit 7	500	350
	2340	1535
Paras		
Unit 3	250	230
Unit 4	250	230
	500	460
Khaparkheda		
Unit 1	210	180
Unit 2	210	200
Unit 3	210	170
Unit 4	210	210
Unit 5	0	
	840	760
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	170
Unit 4	210	170
Unit 5	210	160
	870	680
Uran		
All Units	852	620
	852	620
Dabhol		
RGPP	1940	1250
	1940	1250
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	18

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	0
TILLARI	60	0
BHTGR/VEER	21	3
BHIRA T.R.	80	80
RNGR+BHTSA	20	12
BHANDARDRA	45	20
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	143
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	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	600	550
WARDHA	405	330
Other CPPs	0	
	1005	880
Tata		
Trombay 4	150	0
Trombay 5	500	500
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	240
TATA Hydro	444	447
	2024	1867
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3196
	3455	3196