



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

State Load Dispatch Center, Airoli

Daily system Report

for

02/Jul/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 02/Jul/2011 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	98.307	193.594	1) Madhya Pradesh	64.322	126.496
2) Hydro	31.081	57.453	2) Gujrat	6.359	21.544
3) Gas	9.767	18.133	3) Goa	-5.859	-11.738
Total MSGENCO	139.155	269.180	4) TAPS 1&2 (Inj.)	7.568	13.714
B) OTHERS			5) Pench (Excess)	-0.099	-0.316
1) RGPPL Gas	37.306	75.774	# Total Cent. Sector	72.291	149.700
2) Wind Generation	14.589	31.379	F) Other Exchanges		
3) CPP	30.726	60.466	1) With TPCL (Excess)	-12.454	-26.097
4) PENCH (MS)	0.099	0.316	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	14.748	28.092
1) TPCL Thermal	24.768	51.173	Include PX	0.000	0.000
2) TPCL Hydro	5.132	10.499	2) MUMBAI Bilateral	14.252	29.427
TOTAL TPCL	29.900	61.672	Include PX	0.891	1.724
3) REL Thermal	12.558	24.844	3) MUMBAI Schedule	14.252	29.427
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	135.633	269.611	1) MSEDCL	281.712	560.718
2) Hydro (A2+B3+C2)	36.312	68.268	2) TPCL	36.441	74.751
3) Gas (A3+B1)	47.073	93.907	3) REL	18.468	37.677
4) Wind (B2)	14.589	31.379	TOTAL STATE	336.621	673.146
5) CPP (B3)	30.726	60.466			
TOTAL STATE	264.333	523.631			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4029	4296	3849
MSGENCO Hydro	1714	1885	949
MSGENCO Gas	410	415	423
MSGENCO Total Generation	6153	6596	5221
Central Sector Receipt	3808	2789	2936
RGPPL	1587	1625	1354
WIND	497	679	482
CPP	1296	1349	1189
Exchange with Mumbai	-636	-657	-224
MSEDCL DEMAND MET	12705	12406	10958
Load Shedding (LS)	335	0	0
MSEDCL DEMAND (INCL. LS)	13040	12406	10958
TPCL GENERATION	1644	1280	976
REL GENERATION	522	522	522
TPCL+REL DEMAND	2802	2459	1722
STATE DEMAND MET	15507	14865	12680
Load Management (LM)	1755	3062	1557
Total Load Relief (LS+LM)	2090	3062	1557
UNRESTRICTED STATE DEMAND	17597	17927	14237
Frequency (Hz)	49.55	49.61	49.84

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 09.59 Hrs	49.05 Hz at 14.47 Hrs	49.7	.98 % 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 02/Jul/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.93	7.42	177	143	170
Unit 6	3.88	7.89	172	143	175
Unit 7	4.20	8.45	190	140	185
	12.00	23.76			530
Bhusawal					
Unit 2	0.00	0.00	0	0	0
Unit 3	4.07	8.03	180	165	180
Unit 4	0.00	0.00	0	0	
	4.07	8.03			180
Parli					
Unit 3	3.51	6.63	172	117	155
Unit 4	2.45	5.85	163	0	115
Unit 5	2.54	5.45	143	74	90
Unit 6	0.00	0.00	0	0	0
Unit 7	4.52	9.59	203	177	190
	13.02	27.52			550
Chandrapur					
Unit 1	3.05	5.99	145	113	130
Unit 2	2.87	5.68	137	100	130
Unit 3	3.78	8.10	193	116	190
Unit 4	3.82	7.91	173	138	170
Unit 5	9.60	18.58	435	370	400
Unit 6	8.50	16.23	440	210	250
Unit 7	0.00	0.00	0	0	0
	31.61	62.49			1270
Paras					
Unit 3	4.74	9.48	213	165	200

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	1.04	2.11	61	0	60
TILLARI	0.41	0.79	60	0	60
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.45	0.86	80	0	80
RNGR+BHTSA	0.14	0.19	12	1	2
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.50	1.10	29	19	9
GHATGHAR	0.00	0.00	0	0	
	2.53	5.04			211
PENCH (MS)					
Pench (MS)	0.10	0.32	25	0	
	0.10	0.32			
Wind					
MalharPeth	0.28	0.83			
Vankuswadi	0.76	1.62			
ATIT	0.07	0.46			
Kale	0.24	0.49			
Satara	0.23	1.08			
Shirala	0.20	0.52			
K Mahankal	1.31	1.77			
Supa	0.22	0.48			
Vita	2.14	3.85			
Dondaicha	6.00	13.18			
Sakri	0.81	1.84			
Nandurbar	0.61	1.33			
Khandke	1.05	2.33			
Khaparale	0.65	1.59			

MS PG CL	Thermal	98.31	193.59		4080
	Thml+Gas	108.07	211.73		4490
	Hydro	31.08	57.45		1381
	Total	139.16	269.18		5871
State Total		264.33	523.63		14011

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 02/Jul/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	3771	1377	418	5566	1501	556	1210	2527	2891	-683	-647	11077	1716	11077	2118	14911	49.87
2	3875	1147	422	5444	1473	568	1229	2410	2780	-566	-445	11049	1563	11049	1927	14539	49.89
3	3810	1034	423	5267	1377	558	1194	2416	2930	-526	-315	11011	1529	11011	1806	14346	49.89
4	3849	949	423	5221	1354	482	1189	2416	2936	-496	-224	10958	1557	10958	1722	14237	49.84
5	3957	730	421	5108	1340	476	1185	2416	3330	-496	-217	11222	1615	11222	1683	14520	49.81
6	4003	1263	423	5689	1319	434	1188	2416	3328	-506	-272	11686	1714	11686	1746	15146	49.72
7	4100	1432	423	5955	1560	333	1260	2258	3035	-403	-306	11837	1745	11857	1789	15371	49.65
8	4163	1529	420	6112	1624	329	1268	2218	3020	-432	-363	11990	1798	12063	1865	15653	49.76
9	4204	1722	412	6338	1621	546	1264	2229	2991	-476	-450	12310	1982	12567	2109	16401	49.72
10	4190	1749	411	6350	1614	497	1253	2467	2907	-514	-591	12030	1984	12320	2490	16504	49.78
11	4211	1430	409	6050	1607	566	1282	2795	3335	-626	-580	12260	2072	12548	2746	17078	49.78
12	4029	1714	410	6153	1587	497	1296	2863	3808	-660	-636	12705	2090	13040	2802	17597	49.55
13	4047	1790	410	6247	1581	449	1296	2845	3185	-654	-716	12042	2385	12676	2808	17235	49.54
14	4125	1549	410	6084	1596	614	1269	2841	3029	-632	-640	11952	2455	12656	2677	17084	49.62
15	4136	1679	409	6224	1592	812	1334	2713	2712	-610	-633	12041	2492	12777	2684	17217	49.39
16	4136	1499	409	6044	1608	787	1326	2643	2522	-621	-581	11706	2429	12448	2662	16797	49.56
17	4159	1330	413	5902	1610	1007	1342	2668	2632	-598	-545	11948	2339	12656	2605	16892	49.72
18	4166	580	337	5083	1606	1025	1348	2676	2784	-553	-525	11321	2344	11846	2516	16181	49.79
19	4235	388	338	4961	1613	844	1348	2784	3265	-571	-537	11494	2711	11494	2459	16664	49.84
20	4241	1238	335	5814	1605	594	1348	3014	3507	-655	-633	12240	3063	12240	2525	17828	49.59
21	4296	1885	415	6596	1625	679	1349	3128	2789	-738	-657	12406	3062	12406	2459	17927	49.61
22	4256	1439	420	6115	1624	711	1325	3135	2758	-738	-655	11903	3062	11903	2338	17303	49.71
23	4227	870	381	5478	1634	620	1296	3025	2945	-757	-649	11349	3062	11349	2230	16641	49.60
24	4121	758	475	5354	1635	605	1327	2910	2876	-743	-637	11179	2768	11179	2146	16093	49.64
MUs	98.31	31.08	9.77	139.16	37.31	14.59	30.73	63.81	72.30	-14.25	-12.45	281.72	53.54	287.03	54.91	390.16	49.70

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 02/Jul/2011

Position as on 6.30 Hrs of 03/Jul/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Dabhol 1A	230	20/05/2011	13.22		Continued.	Rotor replacement.	22/07/2011
Cent_Sect NTPC(V-10)	500	15/06/2011	01.24		Continued.	C/OH	
Parli Unit 6	250	16/06/2011	05.50		Continued.	Annual Overhaul	15/07/2011
Nasik Unit 1	125	25/06/2011	04.35		Continued.	Scrapped	
Chandrapur Unit 7	500	29/06/2011	21:40		Continued.	COH	16/08/2011
Nasik Unit 2	125	30/06/2011	23.50		Continued.	Scrapped	
FORCED OUTAGE							
Cent_Sect TARAPUR-4	540	30/05/2011	20.00		Continued.	Survilence Test	06/07/2011
Uran Unit 8	108	06/06/2011	23.12		Continued.	Bus Bar Protection operated,as Y-Ph BKR pole of Uran U-5 burst.	10/08/2011
Nasik Unit 4	210	26/06/2011	11.55	02/07/2011	04:15	Bottom Ash hopper heavy.	
Bhusawal Unit 2	210	30/06/2011	07.07	03/07/2011	15.56	Boiler Tube Leakage	
Parli Unit 4	210	02/07/2011	07.40	02/07/2011	12.46	Low Vaccum.	
Bhusawal Unit 3	210	03/07/2011	17.05	03/07/2011	20.13	H P Turbine Trip.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jul/2011

Position as on 6.30 Hrs of 03/Jul/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - I	22/06/2011	02.15	02/07/2011	08.10	Over Voltage.
Kolhapur - Mapusa - II	01/07/2011	21:25	02/07/2011	10.05	Over Voltage.
Dhule-Sar'Sarovar - I	02/07/2011	22.23		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule - S'Sarovar- II	01/07/2011	00.42	02/07/2011	07.21	Tried to charge, tripped on Distance Protection (Declared Faulty)
Dhule-Sar'Sarovar - I	01/07/2011	04.21	02/07/2011	10.44	Distance Protection(Declared Faulty)
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Dabhol - New Koyna - I	02/07/2011	15.38	02/07/2011	15.58	SF 6 Gas Filling.
Bhusawal- Aurangabad	03/07/2011	05.49	03/07/2011	19.18	Isolator Replacement Work(Ckt is on TBC)
Chandrapur - Parli - II	03/07/2011	09.54	03/07/2011	19.18	Rectification Work of Divorted Section.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(8 MonthOutage)
220/132KV,100 MVA ICT-III at Girwali.	21/06/2011	10.44		Continued.	Augmentation of ICT by new 200 MVA ICT upto 30.07.2011
Koradi-Ambazari-I	28/06/2011	10.23	02/07/2011	17.58	Transfer of the control panel from existing control panels.
Babaleshwar - Bhenda	01/07/2011	10:05		Continued.	Tower Shifting work.
Temghar-Colourchem	01/07/2011	10:47	02/07/2011	00:47	For taking A/R realy.
Babaleshwar - Babaleshwar - I	02/07/2011	09.07	02/07/2011	20.10	Replacement of Isolator.
220/132 KV 200 MVA ICT - I @ Parbhani	02/07/2011	09.17	02/07/2011	12.35	Replacement of H V Side Bushing Clamp.
Babaleshwar - Nagar - I	02/07/2011	10.15	02/07/2011	18.27	Taurus Testing.
Uran-Apta-II	02/07/2011	10.18	02/07/2011	15.03	Bay Maint.,Hot Spot Attending.
Jejuri-Jejuri-II	02/07/2011	10.50	02/07/2011	12.25	Attending Hot Spot.
Badnera-Amravati	02/07/2011	11.10	02/07/2011	14.17	Replacement of LMU & R.M.Work.
220/132 KV 200 MVA ICT - II @ Raymand	02/07/2011	11.32	02/07/2011	16.35	Bay Maint.Work.
Urse - General Motors	03/07/2011	08.14	03/07/2011	16.45	To Attend Sparking @ Wavetrap @ G.M.End.
Boisor-Versova	03/07/2011	09.53	03/07/2011	13.25	Replacement of Shifted Vibration Damper.
Jejuri-Phursungi	03/07/2011	13.04	03/07/2011	14.53	Replacement of Faulty Insulator String.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	01/07/2011	19:47	02/07/2011	05.51	Over Voltage.
Bhusawal- Aurangabad	02/07/2011	20.40	03/07/2011	05.49	Over Voltage.
Lonikand- Koyna Stage IV	03/07/2011	00.19	03/07/2011	09.30	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Bus Coupler @ WPCL	07/06/2011	17.22		Continued.	As being normally kept open.
Bale-Murud	02/07/2011	06:00		Continued.	To Control Parli ICT Loading.
Bale-Osmanbad	02/07/2011	06:00		Continued.	To Control Parli ICT Loading.
Jejuri (New) - Parvati	02/07/2011	08.14	02/07/2011	19.22	Hand Tripped.
Hingoli-Parbhani	02/07/2011	14.20	02/07/2011	18.30	To Attend WT Jumpering Work.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Jul/2011

Position as on 6.30 Hrs of 03/Jul/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Phursungi - Theur	02/07/2011	19.30		Continued.	To Control Loading.
Hingoli-Pusad	03/07/2011	09.57	03/07/2011	21.03	To Control Wrd-Ytl Ckt Loading.
Chandrapur - Warora	03/07/2011	21.47		Continued.	To Control Wrr-Wrd & Wrr-Hgkat Loading.
Voltage Level : 400KV			Outage Type TRIPPED		
Stage-IV - Jejuri	02/07/2011	04:28	02/07/2011	19:10	Distance Protection.(Declared Faulty)
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).
220/100KV 125 MVA ICT-I @ Kalwa	19/06/2011	13.45		Continued.	Buchholz Augmentation by 200 MVA.Expected in Sept.2011.
220 KV Bus Coupler @ New Koyna	02/07/2011	14.38	02/07/2011	15.16	Trip.
N.Koyna-Phinolex	02/07/2011	14.38	02/07/2011	15.21	B Ph.Earth Fault.
Khapakheda - Koulawada - II	03/07/2011	16.30	03/07/2011	16.49	Distance Protection Operated Z-I B Ph.
Voltage Level : 132KV			Outage Type TRIPPED		
Akola-Paras	02/07/2011	05.05	02/07/2011	05.12	D/P,Z-I,B Ph-E.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 03/Jul/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	160
Unit 6	210	145
Unit 7	210	180
	620	485
Bhusawal		
Unit 2	210	0
Unit 3	210	160
Unit 4	0	0
	420	160
Parli		
Unit 3	210	130
Unit 4	210	110
Unit 5	210	125
Unit 6	250	0
Unit 7	250	180
	1130	545
Chandrapur		
Unit 1	210	140
Unit 2	210	125
Unit 3	210	190
Unit 4	210	175
Unit 5	500	425
Unit 6	500	375
Unit 7	500	0
	2340	1430
Paras		
Unit 3	250	210
Unit 4	250	220
	500	430
Khaparkheda		
Unit 1	210	200
Unit 2	210	180
Unit 3	210	200
Unit 4	210	200
Unit 5	0	0
	840	780
Nasik		
Unit 1	120	0
Unit 2	120	0
Unit 3	210	160
Unit 4	210	160
Unit 5	210	160
	870	480
Uran		
All Units	852	465
	852	465
Dabhol		
RGPP	1940	1560
	1940	1560
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	0

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	2
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	10
GHATGHAR	250	0
	611	212
PENCH (MS)		
Pench (MS)	53	0
	53	0
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	805
WARDHA	405	260
Other CPPs	0	
	1005	1065
Tata		
Trombay 4	150	0
Trombay 5	500	250
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1627
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3119
	3455	3119