



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

State Load Dispatch Center, Airoli

Daily system Report

for

06/Jul/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 06/Jul/2011 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	96.806	590.086	1) Madhya Pradesh	57.711	363.797
2) Hydro	7.474	138.617	2) Gujrat	15.217	74.133
3) Gas	11.382	63.378	3) Goa	-5.556	-33.276
Total MSGENCO	115.662	792.081	4) TAPS 1&2 (Inj.)	7.829	44.906
B) OTHERS			5) Pench (Excess)	-0.068	-0.521
1) RGPPL Gas	38.923	231.512	# Total Cent. Sector	75.133	449.039
2) Wind Generation	7.981	73.697	F) Other Exchanges		
3) CPP	34.303	194.396	1) With TPCL (Excess)	-11.005	-74.547
4) PENCH (MS)	0.068	0.521	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	15.908	90.512
1) TPCL Thermal	27.000	146.521	Include PX	0.000	0.000
2) TPCL Hydro	5.640	32.026	2) MUMBAI Bilateral	12.869	81.859
TOTAL TPCL	32.640	178.547	Include PX	-3.278	-6.862
3) REL Thermal	12.534	74.976	3) MUMBAI Schedule	12.869	82.771
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	136.340	811.583	1) MSEDCL	261.065	1666.699
2) Hydro (A2+B3+C2)	13.182	171.164	2) TPCL	37.752	218.341
3) Gas (A3+B1)	50.305	294.890	3) REL	18.527	109.696
4) Wind (B2)	7.981	73.697	TOTAL STATE	317.344	1994.736
5) CPP (B3)	34.303	194.396			
TOTAL STATE	242.111	1545.730			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4110	4171	3842
MSGENCO Hydro	665	396	114
MSGENCO Gas	488	460	481
MSGENCO Total Generation	5263	5027	4437
Central Sector Receipt	3643	3399	2560
RGPPL	1614	1623	1634
WIND	197	792	207
CPP	1406	1406	1455
Exchange with Mumbai	-625	-529	-240
MSEDCL DEMAND MET	11498	11723	10053
Load Shedding (LS)	58	55	58
MSEDCL DEMAND (INCL. LS)	11556	11778	10111
TPCL GENERATION	1790	1518	973
REL GENERATION	523	522	524
TPCL+REL DEMAND	2938	2569	1737
STATE DEMAND MET	14436	14292	11790
Load Management (LM)	1370	2595	1142
Total Load Relief (LS+LM)	1428	2650	1200
UNRESTRICTED STATE DEMAND	15864	16942	12990
Frequency (Hz)	49.74	49.57	49.88

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.26 Hz at 20:01 Hrs	49.15 Hz at 19:48 Hrs	49.77	.21 % 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 06/Jul/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.18	22.00	146	105	145
Unit 6	3.13	21.43	150	92	145
Unit 7	3.14	23.84	145	100	150
	9.45	67.26			440
Bhusawal					
Unit 2	3.88	12.34	170	150	170
Unit 3	0.00	15.88	0	0	0
Unit 4	0.00	0.00	0	0	0
	3.88	28.21			170
Parli					
Unit 3	2.40	17.78	132	77	95
Unit 4	2.54	17.60	126	92	98
Unit 5	2.60	16.18	129	86	95
Unit 6	0.00	0.00	0	0	0
Unit 7	3.44	25.33	203	96	105
	10.99	76.89			393
Chandrapur					
Unit 1	3.54	19.80	154	134	150
Unit 2	3.37	18.57	148	125	140
Unit 3	3.99	24.37	186	143	180
Unit 4	3.92	24.16	174	138	180
Unit 5	8.93	56.37	410	340	400
Unit 6	9.34	50.99	435	276	425
Unit 7	0.00	0.00	0	0	0
	33.09	194.25			1475
Paras					
Unit 3	5.24	29.28	237	170	210
Unit 4	5.66	32.01	258	192	230
	10.90	61.29			440
Khaparkheda					
Unit 1	4.23	25.24	190	145	175
Unit 2	4.26	25.37	185	165	175
Unit 3	4.80	27.30	210	178	180
Unit 4	4.76	28.09	213	181	180
Unit 5	0.00	0.00	0	0	0
	18.05	106.01			710
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	3.88	19.39	180	135	160
Unit 4	3.58	16.69	185	130	160
Unit 5	2.98	20.10	147	103	120
	10.45	56.18			440
Uran					
All Units	11.38	63.38	488	460	465
	11.38	63.38			465
Dabhol					
RGPPL	38.92	231.51	1637	1594	1570
	38.92	231.51			1570
Koyna					
Stage 1-2	2.02	36.16	230	40	600
Stage 4	0.96	61.88	268	0	250
Stage 3	0.79	23.36	160	0	320
	3.77	121.40			1170
Kovna 12&4 Total	2.98	98.04			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	1.05	6.17	61	0	60
TILLARI	0.37	2.46	60	0	60
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.44	2.66	81	0	80
RNGR+BHTSA	0.20	1.23	11	2	3
BHANDARDRA	0.49	0.49	21	20	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.82	3.54	41	31	18
GHATGHAR	0.33	0.66	125	0	0
	3.71	17.22			221
PENCH (MS)					
Pench (MS)	0.07	0.52	25	0	0
	0.07	0.52			0
Wind					
MalharPeth	0.34	2.29			
Vankuswadi	0.79	5.74			
ATIT	0.11	0.97			
Kale	0.28	1.73			
Satara	1.26	3.94			
Shirala	0.27	1.89			
K Mahankal	0.04	5.28			
Supa	0.08	0.91			
Vita	1.04	9.96			
Dondaicha	2.30	26.66			
Sakri	0.30	3.50			
Nandurbar	0.27	2.69			
Khandke	0.38	4.45			
Khaparale	0.52	3.67			
	7.98	73.70			
CPP					
JSW JAIGAD	20.74	122.14	883	825	805
WARDHA	7.54	39.56	327	308	310
Other CPPs	6.02	32.70			
	34.30	194.40			1115
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.54	54.62	490	440	490
Trombay 6	6.00	36.74	490	150	500
Trombay 7A	2.81	16.66	121	92	120
Trombay 7B	1.56	9.31	66	57	60
Trombay 8	5.09	29.19	225	150	230
TATA Hydro	5.64	32.03	459	0	447
	32.64	178.55			1847
REL					
1&2	12.53	74.98	524	520	500
	12.53	74.98			500
Cent Sect					
Share					3585
					3585

MS PG CL	Thermal	96.81	590.09		4068
	Thml+Gas	108.19	653.46		4533
	Hydro	7.47	138.62		1391
	Total	115.66	792.08		5924
State Total		242.11	1545.73		14541

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/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	4029	171	479	4679	1594	235	1459	3114	2860	-559	-556	10271	1683	10329	2122	14076	49.73
2	3998	114	483	4595	1601	179	1459	3052	2672	-436	-352	10154	1548	10212	1908	13610	49.77
3	3902	104	484	4490	1621	203	1448	3106	2598	-444	-304	10056	1218	10114	1794	13068	49.80
4	3842	114	481	4437	1634	207	1455	3102	2560	-385	-240	10053	1200	10111	1737	12990	49.88
5	3909	109	472	4490	1625	205	1455	3128	2719	-363	-202	10292	1256	10350	1697	13245	49.69
6	4002	119	476	4597	1622	202	1462	3098	2745	-286	-235	10393	1365	10451	1763	13521	49.62
7	4005	190	481	4676	1633	213	1462	3130	2793	-323	-307	10470	1367	10528	1854	13691	49.79
8	4117	198	483	4798	1636	174	1453	3146	3122	-339	-268	10915	1367	10973	1894	14176	49.96
9	4149	334	474	4957	1616	202	1450	3205	3224	-409	-435	11014	1367	11072	2289	14670	49.81
10	4091	350	478	4919	1607	209	1451	3459	3522	-529	-569	11139	1383	11197	2672	15194	49.77
11	4107	461	482	5050	1618	165	1406	3613	3720	-598	-704	11255	1437	11313	2862	15554	49.75
12	4110	665	488	5263	1614	197	1406	3582	3643	-657	-625	11498	1428	11556	2938	15864	49.74
13	4124	483	480	5087	1628	158	1406	3560	3604	-636	-557	11326	1426	11384	2845	15597	49.75
14	4111	469	462	5042	1630	237	1408	3528	3335	-614	-471	11181	1426	11239	2722	15329	49.72
15	4018	710	468	5196	1617	265	1423	3499	3080	-625	-460	11121	1434	11179	2670	15225	49.63
16	4068	648	480	5196	1598	345	1413	3396	3011	-625	-473	11090	1434	11148	2683	15207	49.67
17	4091	408	473	4972	1615	393	1420	3408	3363	-620	-490	11273	1474	11328	2673	15420	49.88
18	4053	349	469	4871	1620	573	1429	3386	2836	-582	-480	10849	1653	10904	2634	15136	49.96
19	4107	291	463	4861	1634	540	1433	3465	2884	-583	-470	10882	2379	10937	2559	15820	49.90
20	4171	396	460	5027	1623	792	1406	3629	3399	-583	-529	11723	2650	11778	2569	16942	49.57
21	4107	327	461	4895	1629	658	1395	3768	3596	-710	-611	11587	2660	11642	2527	16774	49.73
22	4051	153	465	4669	1634	729	1401	3758	3439	-710	-619	11278	2660	11333	2395	16333	49.73
23	3889	158	469	4516	1637	470	1402	3538	3290	-627	-534	10794	2660	10849	2240	15694	49.81
24	3755	153	471	4379	1637	430	1401	3430	3118	-627	-514	10451	2364	10506	2132	14947	49.81
MUs	96.81	7.47	11.38	115.66	38.92	7.98	34.30	81.10	75.13	-12.87	-11.00	261.06	40.84	262.43	56.18	358.08	49.77

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 06/Jul/2011

Position as on 6.30 Hrs of 07/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
Chandrapur Unit 7	500	29/06/2011	21:40		Continued.	COH	16/08/2011
Bhusawal Unit 3	210	05/07/2011	00.39		Continued.	Feasibility test of ESP.	12/07/2011
FORCED OUTAGE							
Cent_Sect TARAPUR-4	540	30/05/2011	20.00	06/07/2011	00.35	Survilence Test	
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
Cent_Sect NTPC(K-5)	500	04/07/2011	00.31	06/07/2011	03.05	BTL	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Jul/2011

Position as on 6.30 Hrs of 07/Jul/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur - Mapusa - I	05/07/2011	17.42	06/07/2011	10.07	Over Voltage.
Kolhapur - Mapusa - II	06/07/2011	18.07		Continued.	Over Voltage.
Wardha - Akola - I	06/07/2011	18.16		Continued.	Over Voltage.
Dhule - S'Sarovar- II	07/07/2011	00.06		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule - S'Sarovar- II	05/07/2011	20.46	06/07/2011	13.17	Distance protection.
Dhule-S'Sarovar I	05/07/2011	21.01		Continued.	Distance protection.
Padgha - Talegaon (PG)	06/07/2011	01.11	06/07/2011	01.34	Distance Protection.(Padgha end only)
Chakan-Talegaon(PG)	06/07/2011	02.29	06/07/2011	09.33	Distance Protection.
Padgha - Talegaon (PG)	06/07/2011	02.51	06/07/2011	08.42	Distance Protection.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220KV 167MVA Spare ICT at Kalwa	04/07/2011	09.05		Continued.	Tand demonstration.
Chandrapur - Khaparkheda	05/07/2011	07.27		Continued.	Replacement of B ph.CT and CVT
Bhusawal- Aurangabad	06/07/2011	11.08	06/07/2011	17.59	Isolator replacement work.(Ckt is on TBC)
400/220 KV 500 MVA ICT - I @ Lamboti	06/07/2011	11.43	06/07/2011	14.06	Isolator Maintenance Work.
Main Bus - I @ Lamboti.	06/07/2011	14.44	06/07/2011	16.16	Maintenance work.
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
Babaleshwar - Bhenda	01/07/2011	10:05		Continued.	Tower Shifting work.
Koradi - Ambazari - II	05/07/2011	10.08		Continued.	Transfer of control from existing C.R.panels to BCRs and SCADA.
Kalwa-Colourchem	06/07/2011	06.40	06/07/2011	09.07	To attend red hot spot at LILO location 1B.
Kalwa - Airoli - Knowledge Park.	06/07/2011	06.54	06/07/2011	09.00	To attend red hot spot at LILO location 1B.
Karad-Pedambe	06/07/2011	09.05	06/07/2011	18.57	Stringing work of 400KV Jaigad-Karad D/C line.
Usmanabad --Bale	06/07/2011	09.48	06/07/2011	18.33	Providing and fixing of vibration damper.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Pachora - Chalisgaon - I	06/07/2011	09.01	06/07/2011	11.51	Jumpering work of aux.bus isolator.
Mankapur - Uppalwadi	06/07/2011	10.53	06/07/2011	13.15	Maint. and tan delta measurement.
Pachora-Chalisgaon Ckt.II.	06/07/2011	11.56	06/07/2011	13.27	Jumpering work of aux.bus isolator.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad-Kolhapur-II	04/07/2011	17.15		Continued.	Over Voltage.
Bhusawal- Aurangabad	05/07/2011	19.19	06/07/2011	11.09	Over Voltage.
Lonikand- Koyna Stage IV	06/07/2011	00.57	06/07/2011	06.33	Over Voltage.
Bhusawal- Aurangabad	06/07/2011	17.59		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Jul/2011

Position as on 6.30 Hrs of 07/Jul/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
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.
Phursungi - Theur	02/07/2011	19.30		Continued.	To Control Loading.
Chandrapur - Warora	03/07/2011	21.47		Continued.	To Control Wrr-Wrd & Wrr-Hgkat Loading.
Voltage Level : 400KV			Outage Type TRIPPED		
C'pur-Parli II	06/07/2011	00.47	06/07/2011	02.42	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).
220/100KV 125 MVA ICT-I @ Kalwa	19/06/2011	13.45		Continued.	Buchholz Augmentation by 200 MVA.Expected in Sept.2011.
Babaleshwar - Nagar - II	05/07/2011	21.56		Continued.	Distance protection.
Gangapur-Valve	06/07/2011	00.43	06/07/2011	06.50	Distance Protection,declared faulty.
Virur - Gadhchiroli	06/07/2011	02.20	06/07/2011	11.58	Distance Protection.
Dhule - Malegaon	07/07/2011	02.49	07/07/2011	03.10	Distance protection.
Voltage Level : 132KV			Outage Type TRIPPED		
Virur-Ashti	06/07/2011	02.20	06/07/2011	02.50	Distance Protection.
Padegaon - Paithan	06/07/2011	20.20		Continued.	Distance protection.
Dondaicha - Sahada	06/07/2011	22.00		Continued.	Distance protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 07/Jul/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	160
Unit 6	210	140
Unit 7	210	160
	620	460
Bhusawal		
Unit 2	210	170
Unit 3	210	0
Unit 4	0	
	420	170
Parli		
Unit 3	210	115
Unit 4	210	75
Unit 5	210	110
Unit 6	250	0
Unit 7	250	85
	1130	385
Chandrapur		
Unit 1	210	140
Unit 2	210	125
Unit 3	210	160
Unit 4	210	160
Unit 5	500	350
Unit 6	500	300
Unit 7	500	0
	2340	1235
Paras		
Unit 3	250	170
Unit 4	250	180
	500	350
Khaparkheda		
Unit 1	210	172
Unit 2	210	187
Unit 3	210	187
Unit 4	210	182
Unit 5	0	
	840	728
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	142
Unit 4	210	152
Unit 5	210	142
	870	436
Uran		
All Units	852	465
	852	465
Dabhol		
RGPP	1940	1590
	1940	1590
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	12
BHANDARDRA	45	20
ELDARY	23	0
SMLHY PTN	12	9
GHATGHAR	250	0
	611	241
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	805
WARDHA	405	310
Other CPPs	0	
	1005	1115
Tata		
Trombay 4	150	0
Trombay 5	500	490
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	230
TATA Hydro	444	447
	2024	1847
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3686
	3455	3686