



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

State Load Dispatch Center, Airoli

Daily system Report

for

03/Jul/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 03/Jul/2011 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	99.773	293.367	1) Madhya Pradesh	65.400	191.896
2) Hydro	14.712	72.165	2) Gujrat	16.786	38.330
3) Gas	11.199	29.332	3) Goa	-4.668	-16.406
Total MSGENCO	125.684	394.864	4) TAPS 1&2 (Inj.)	7.780	21.494
B) OTHERS			5) Pench (Excess)	0.000	-0.316
1) RGPPL Gas	39.221	114.995	# Total Cent. Sector	85.298	234.998
2) Wind Generation	13.670	45.049	F) Other Exchanges		
3) CPP	32.138	92.604	1) With TPCL (Excess)	-11.687	-37.784
4) PENCH (MS)	0.000	0.316	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	15.504	43.596
1) TPCL Thermal	18.052	69.225	Include PX	0.000	0.000
2) TPCL Hydro	3.764	14.263	2) MUMBAI Bilateral	12.831	42.258
TOTAL TPCL	21.816	83.488	Include PX	0.559	2.283
3) REL Thermal	12.486	37.330	3) MUMBAI Schedule	12.831	42.258
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	130.311	399.922	1) MSEDCL	284.324	845.042
2) Hydro (A2+B3+C2)	18.476	86.744	2) TPCL	29.992	104.743
3) Gas (A3+B1)	50.420	144.327	3) REL	15.994	53.671
4) Wind (B2)	13.670	45.049	TOTAL STATE	330.310	1003.456
5) CPP (B3)	32.138	92.604			
TOTAL STATE	245.015	768.646			

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	4179	4089	4202
MSGENCO Hydro	748	742	301
MSGENCO Gas	429	485	474
MSGENCO Total Generation	5356	5316	4977
Central Sector Receipt	4475	3857	3194
RGPPL	1611	1635	1636
WIND	405	633	422
CPP	1363	1346	1264
Exchange with Mumbai	-526	-644	-406
MSEDCL DEMAND MET	12684	12143	11087
Load Shedding (LS)	105	63	68
MSEDCL DEMAND (INCL. LS)	12789	12206	11155
TPCL GENERATION	991	1021	721
REL GENERATION	524	524	486
TPCL+REL DEMAND	2041	2189	1613
STATE DEMAND MET	14725	14332	12700
Load Management (LM)	1588	3103	1517
Total Load Relief (LS+LM)	1693	3166	1585
UNRESTRICTED STATE DEMAND	16418	17498	14285
Frequency (Hz)	49.77	49.86	49.74

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.42 Hz at 17.59 Hrs	49.32 Hz at 00.34 Hrs	49.9	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 03/Jul/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.64	11.06	160	140	160
Unit 6	3.53	11.42	179	120	145
Unit 7	3.94	12.38	180	140	180
	11.10	34.87			485
Bhusawal					
Unit 2	0.86	0.86	155	0	0
Unit 3	3.52	11.56	185	0	160
Unit 4		0.00	0	0	0
	4.39	12.42			160
Parli					
Unit 3	2.83	9.46	143	97	130
Unit 4	3.04	8.88	137	103	110
Unit 5	2.83	8.28	129	103	125
Unit 6	0.00	0.00	0	0	0
Unit 7	3.87	13.46	192	134	180
	12.56	40.08			545
Chandrapur					
Unit 1	3.09	9.08	145	110	140
Unit 2	2.94	8.61	135	106	125
Unit 3	4.07	12.17	194	144	190
Unit 4	4.10	12.02	178	157	175
Unit 5	9.74	28.32	430	345	425
Unit 6	8.18	24.41	375	310	375
Unit 7	0.00	0.00	0	0	0
	32.11	94.60			1430
Paras					
Unit 3	4.97	14.45	224	178	210
Unit 4	5.49	16.05	247	216	220
	10.46	30.50			430
Khaparkheda					
Unit 1	4.77	13.28	210	155	200
Unit 2	4.53	13.02	196	165	180
Unit 3	4.97	14.19	215	184	200
Unit 4	5.18	15.14	222	173	200
Unit 5		0.00	0	0	0
	19.45	55.62			780
Nasik					
Unit 1		0.00	0	0	0
Unit 2		0.00	0	0	0
Unit 3	2.70	8.54	150	75	160
Unit 4	3.54	6.03	164	133	160
Unit 5	3.45	10.71	179	103	160
	9.69	25.27			480
Uran					
All Units	11.20	29.33	485	429	465
	11.20	29.33			465
Dabhol					
RGPPL	39.22	115.00	1658	1603	1560
	39.22	115.00			1560
Koyna					
Stage 1-2	4.28	21.29	480	40	600
Stage 4	5.22	30.98	752	0	250
Stage 3	2.52	12.17	240	0	320
	12.02	64.43			1170
Kovna 12&4 Total	9.50	52.26			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	0.98	3.09	61	0	60
TILLARI	0.42	1.21	61	0	60
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.46	1.32	81	0	80
RNGR+BHTSA	0.27	0.46	12	11	2
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.55	1.65	31	21	10
GHATGHAR	0.00	0.00	0	0	0
	2.69	7.73			212
PENCH (MS)					
Pench (MS)	0.00	0.32	0	0	0
	0.00	0.32			0
Wind					
MalharPeth	0.38	1.21			
Vankuswadi	1.32	2.94			
ATIT	0.19	0.65			
Kale	0.41	0.90			
Satara	0.41	1.49			
Shirala	0.33	0.85			
K Mahankal	2.10	3.88			
Supa	0.18	0.66			
Vita	2.59	6.44			
Dondaicha	3.53	16.72			
Sakri	0.50	2.34			
Nandurbar	0.35	1.68			
Khandke	0.90	3.24			
Khaparale	0.46	2.05			
	13.67	45.05			
CPP					
JSW JAIGAD	19.39	59.62	814	795	805
WARDHA	6.24	17.90	274	225	260
Other CPPs	6.52	15.08			
	32.14	92.60			1065
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	5.12	25.08	230	200	250
Trombay 6	3.60	16.82	150	150	500
Trombay 7A	2.88	8.47	122	118	120
Trombay 7B	1.59	4.70	67	66	60
Trombay 8	4.86	14.15	235	155	250
TATA Hydro	3.76	14.26	277	0	447
	21.82	83.49			1627
REL					
1&2	12.49	37.33	525	486	500
	12.49	37.33			500
Cent Sect					
Share					3119
					3119

MS PG CL	Thermal	99.77	293.37		4310
	Thml+Gas	110.97	322.70		4775
	Hydro	14.71	72.16		1382
	Total	125.68	394.86		6157
State Total		245.02	768.65		14028

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/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	4210	495	473	5178	1635	517	1350	3082	3044	-678	-605	11119	1770	11187	2008	14897	49.73
2	4127	577	474	5178	1641	507	1356	3003	2912	-600	-468	11126	1614	11194	1834	14574	49.90
3	4089	592	474	5155	1648	485	1327	2956	3019	-540	-417	11217	1569	11285	1705	14491	49.90
4	4226	347	473	5046	1650	436	1304	2940	3076	-503	-417	11095	1566	11163	1640	14301	49.98
5	4202	301	474	4977	1636	422	1264	2968	3194	-520	-406	11087	1585	11155	1613	14285	49.74
6	4249	702	475	5426	1638	377	1278	2847	3159	-426	-380	11498	1662	11571	1648	14808	49.71
7	4329	832	478	5639	1646	336	1306	2766	3146	-414	-328	11745	1754	11912	1647	15146	49.90
8	4272	585	483	5340	1639	389	1339	2749	3718	-403	-351	12074	1759	12246	1668	15501	49.90
9	4253	720	450	5423	1633	416	1347	2778	4023	-437	-426	12416	1735	12564	1770	15921	49.83
10	4298	586	444	5328	1634	519	1360	2920	3991	-471	-450	12382	1664	12486	1896	15942	49.95
11	4236	447	446	5129	1626	500	1342	3094	4312	-516	-551	12358	1655	12440	2011	16024	49.91
12	4179	748	429	5356	1611	405	1363	3174	4475	-560	-526	12684	1693	12789	2041	16418	49.77
13	4168	1125	434	5727	1603	434	1357	3175	3675	-560	-537	12259	1723	12394	2079	16061	49.75
14	4143	1340	432	5915	1605	562	1373	3143	3589	-538	-515	12529	1918	12859	2031	16478	49.86
15	4104	928	431	5463	1619	757	1356	2988	3556	-516	-469	12282	1920	12606	1993	16195	49.86
16	4046	329	477	4852	1628	948	1330	2865	4308	-504	-457	12609	1816	12830	1968	16393	50.03
17	4111	308	480	4899	1634	957	1358	2827	3827	-465	-479	12196	1833	12374	1939	15968	50.13
18	4052	341	481	4874	1642	970	1347	2825	3474	-459	-462	11845	2068	12058	1924	15837	50.26
19	4003	278	481	4762	1639	991	1351	2991	3360	-516	-502	11601	2968	11795	1952	16521	50.12
20	4050	598	479	5127	1632	723	1339	3169	3789	-580	-592	12018	3154	12081	2087	17259	49.93
21	4089	742	485	5316	1635	633	1346	3237	3857	-658	-644	12143	3166	12206	2189	17498	49.86
22	4205	624	483	5312	1638	509	1351	3255	3467	-688	-604	11673	3166	11736	2148	16987	49.84
23	4104	579	482	5165	1658	466	1351	3087	3288	-654	-565	11363	3166	11426	2131	16660	49.87
24	4028	588	481	5097	1651	411	1343	2953	3038	-625	-536	11004	2858	11067	2067	15929	49.85
MUs	99.77	14.71	11.20	125.68	39.22	13.67	32.14	71.79	85.30	-12.83	-11.69	284.32	49.78	287.42	45.99	380.09	49.90

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 03/Jul/2011

Position as on 6.30 Hrs of 04/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
CPP WPCL U-3	135	20/06/2011	03.16	04/07/2011	17.18	Maintenance work.	
Bhusawal Unit 2	210	30/06/2011	07.07	03/07/2011	15.56	Boiler Tube Leakage	
Bhusawal Unit 3	210	03/07/2011	17.05	03/07/2011	20.13	H P Turbine Trip.	
Cent_Sect NTPC(K-5)	500	04/07/2011	00.31		Continued.	BTL	06/07/2011
Tata Trombay 5	500	04/07/2011	13.10	04/07/2011	14.37	Flame/Failure.	

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jul/2011

Position as on 6.30 Hrs of 04/Jul/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Chakan-Talegaon(PG)	04/07/2011	15.46	04/07/2011	18.44	Jumping work at Talegaon.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur - Mapusa - I	02/07/2011	17.57	04/07/2011	11.30	Over Voltage.
Dhule-Sar'Sarovar - I	02/07/2011	22.23		Continued.	Over Voltage.
Kolhapur - Mapusa - II	04/07/2011	17.37		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
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.
400/220KV 167MVA Spare ICT at Kalwa	04/07/2011	09.05		Continued.	Tand demonstration.
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.
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.
Mudshingi - Peth	04/07/2011	10.20	04/07/2011	14.58	Q.M.Work
Ambazari-Amravati	04/07/2011	10.48	04/07/2011	16.13	Q.M.Work
Apta-HOC	04/07/2011	11.42	04/07/2011	17.39	Bay maintenance work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
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.
Karad - Kolhapur - I	03/07/2011	17.22	04/07/2011	09.18	Over Voltage.
Bhusawal- Aurangabad	03/07/2011	18.38	04/07/2011	07.15	Over Voltage.
Karad-Kolhapur-II	04/07/2011	17.15		Continued.	Over Voltage.
Bhusawal- Aurangabad	04/07/2011	18.40		Continued.	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.
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.
Khaperkheda - Ambazari - II	04/07/2011	12.28	04/07/2011	14.43	To attend sparking on SCADA TB.
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).

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jul/2011

Position as on 6.30 Hrs of 04/Jul/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
220/110KV 200MVA ICT-II at Mudshingi	10/04/2011	18.10	04/07/2011	14.20	Diff.Prot.Defective B Phase LA replaced(Kept on Humming at 16.30Hrs on 18/4/11) Load taken on
220/100KV 125 MVA ICT-I @ Kalwa	19/06/2011	13.45		Continued.	Buchholz Augmentation by 200 MVA.Expected in Sept.2011.
Khapakheda - Koulawada - II	03/07/2011	16.30	03/07/2011	16.49	Distance Protection Operated Z-I B Ph.
Bus Coupler Breaker @ New Koyna	04/07/2011	22.30	04/07/2011	23.02	O/C,E/F Trip.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 04/Jul/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	150
Unit 6	210	150
Unit 7	210	155
	620	455
Bhusawal		
Unit 2	210	170
Unit 3	210	180
Unit 4	0	
	420	350
Parli		
Unit 3	210	130
Unit 4	210	120
Unit 5	210	115
Unit 6	250	0
Unit 7	250	170
	1130	535
Chandrapur		
Unit 1	210	140
Unit 2	210	125
Unit 3	210	190
Unit 4	210	175
Unit 5	500	340
Unit 6	500	300
Unit 7	500	0
	2340	1270
Paras		
Unit 3	250	210
Unit 4	250	230
	500	440
Khaparkheda		
Unit 1	210	160
Unit 2	210	160
Unit 3	210	170
Unit 4	210	170
Unit 5	0	
	840	660
Nasik		
Unit 1	120	
Unit 2	120	
Unit 3	210	120
Unit 4	210	170
Unit 5	210	180
	870	470
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	0
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	21
GHATGHAR	250	0
	611	221
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	260
Other CPPs	0	
	1005	1065
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	3455	2998
	3455	2998