



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

State Load Dispatch Center, Airoli

Daily system Report

for

01/Jul/2011

State Load Dispatch Center,Airoli (MSETCL)

Daily system Report for 01/Jul/2011 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	95.287	95.287	1) Madhya Pradesh	62.174	62.174
2) Hydro	26.372	26.372	2) Gujrat	15.185	15.185
3) Gas	8.366	8.366	3) Goa	-5.879	-5.879
Total MSGENCO	130.025	130.025	4)TAPS 1&2 (Inj.)	6.146	6.146
B) OTHERS			5)Pench (Excess)	-0.217	-0.217
1) RGPPL Gas	38.468	38.468	# Total Cent. Sector	77.409	77.409
2) Wind Generation	16.790	16.790	F) Other Exchanges		
3) CPP	29.740	29.740	1) With TPCL (Excess)	-13.643	-13.643
4) PENCH (MS)	0.217	0.217	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	13.344	13.344
1) TPCL Thermal	26.405	26.405	Include PX	0.000	0.000
2) TPCL Hydro	5.367	5.367	2) MUMBAI Bilateral	15.174	15.174
TOTAL TPCL	31.772	31.772	Include PX	0.833	0.833
3) REL Thermal	12.286	12.286	3) MUMBAI Schedule	15.174	15.174
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	133.978	133.978	1) MSEDCL	279.006	279.006
2) Hydro (A2+B3+C2)	31.956	31.956	2) TPCL	38.310	38.310
3) Gas (A3+B1)	46.834	46.834	3) REL	19.209	19.209
4) Wind (B2)	16.790	16.790	TOTAL STATE	336.525	336.525
5) CPP (B3)	29.740	29.740			
TOTAL STATE	259.298	259.298			

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	3888	3997	3886
MSGENCO Hydro	1306	1988	79
MSGENCO Gas	297	421	260
MSGENCO Total Generation	5491	6406	4225
Central Sector Receipt	3643	3010	3598
RGPPL	1590	1573	1629
WIND	749	743	523
CPP	1227	1257	1216
Exchange with Mumbai	-735	-662	-285
MSEDCL DEMAND MET	11965	12350	10906
Load Shedding (LS)	160	63	93
MSEDCL DEMAND (INCL. LS)	12125	12413	10999
TPCL GENERATION	1716	1428	921
REL GENERATION	487	521	524
TPCL+REL DEMAND	2938	2611	1730
STATE DEMAND MET	14903	14961	12636
Load Management (LM)	1604	3077	1398
Total Load Relief (LS+LM)	1764	3140	1491
UNRESTRICTED STATE DEMAND	16667	18101	14127
Frequency (Hz)	49.82	49.65	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 04.05 Hrs	49.1 Hz at 19.53 Hrs	49.82	.46 % 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 01/Jul/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.50	3.50	172	0	170
Unit 6	4.02	4.02	179	142	175
Unit 7	4.25	4.25	185	160	180
	11.76	11.76			525
Bhusawal					
Unit 2	0.00	0.00	0	0	0
Unit 3	3.96	3.96	185	150	180
Unit 4	0.00	0.00	0	0	0
	3.96	3.96			180
Parli					
Unit 3	3.12	3.12	169	103	135
Unit 4	3.40	3.40	163	112	140
Unit 5	2.91	2.91	143	100	145
Unit 6	0.00	0.00	0	0	0
Unit 7	5.06	5.06	225	188	190
	14.50	14.50			610
Chandrapur					
Unit 1	2.94	2.94	130	115	130
Unit 2	2.81	2.81	128	100	120
Unit 3	4.31	4.31	193	156	190
Unit 4	4.09	4.09	177	162	180
Unit 5	8.99	8.99	420	340	400
Unit 6	7.74	7.74	355	233	325
Unit 7	0.00	0.00	0	0	0
	30.88	30.88			1345
Paras					
Unit 3	4.75	4.75	204	181	200
Unit 4	5.52	5.52	243	153	250
	10.27	10.27			450
Khaparkheda					
Unit 1	3.99	3.99	180	135	160
Unit 2	4.18	4.18	190	155	160
Unit 3	4.49	4.49	208	173	170
Unit 4	4.89	4.89	220	173	170
Unit 5	0.00	0.00	0	0	0
	17.55	17.55			660
Nasik					
Unit 1	0.00	0.00	0	0	0
Unit 2	0.00	0.00	0	0	0
Unit 3	2.72	2.72	145	40	93
Unit 4	0.00	0.00	0	0	0
Unit 5	3.65	3.65	168	111	163
	6.37	6.37			256
Uran					
All Units	8.37	8.37	423	260	395
	8.37	8.37			395
Dabhol					
RGPPL	38.47	38.47	1637	1556	1550
	38.47	38.47			1550
Koyna					
Stage 1-2	7.13	7.13	545	50	600
Stage 4	12.48	12.48	1074	0	250
Stage 3	4.24	4.24	320	0	320
	23.86	23.86			1170
Kovna 12&4 Total	19.62	19.62			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	0.00	0	0	0
VTRNA	1.07	1.07	61	0	60
TILLARI	0.38	0.38	60	0	60
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.41	0.41	81	0	40
RNGR+BHTSA	0.05	0.05	2	2	2
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.60	0.60	33	22	11
GHATGHAR	0.00	0.00	0	0	0
	2.52	2.52			173
PENCH (MS)					
Pench (MS)	0.22	0.22	50	0	0
	0.22	0.22			0
Wind					
MalharPeth	0.55	0.55			
Vankuswadi	0.86	0.86			
ATIT	0.39	0.39			
Kale	0.26	0.26			
Satara	0.84	0.84			
Shirala	0.31	0.31			
K Mahankal	0.46	0.46			
Supa	0.26	0.26			
Vita	1.70	1.70			
Dondaicha	7.18	7.18			
Sakri	1.03	1.03			
Nandurbar	0.72	0.72			
Khandke	1.28	1.28			
Khaparale	0.94	0.94			
	16.79	16.79			
CPP					
JSW JAIGAD	20.97	20.97	885	845	805
WARDHA	5.61	5.61	270	197	260
Other CPPs	3.16	3.16			
	29.74	29.74			1065
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.60	10.60	490	320	490
Trombay 6	6.83	6.83	510	150	500
Trombay 7A	2.81	2.81	120	106	120
Trombay 7B	1.56	1.56	66	58	60
Trombay 8	4.60	4.60	230	155	210
TATA Hydro	5.37	5.37	444	0	447
	31.77	31.77			1827
REL					
1&2	12.29	12.29	525	487	500
	12.29	12.29			500
Cent Sect					
Share					3012
					3012

MS PG CL	Thermal	95.29	95.29			4026
	Thml+Gas	103.65	103.65			4421
	Hydro	26.37	26.37			1343
	Total	130.02	130.02			5764
State Total		259.30	259.30			13718

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/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	3780	1287	366	5433	1633	662	1273	2714	2888	-620	-486	11424	1976	11490	1974	15374	49.83
2	3956	748	366	5070	1633	630	1237	2651	2762	-556	-406	10938	1828	11004	1874	14640	49.88
3	3950	109	366	4425	1633	626	1217	2668	3307	-516	-346	10887	1454	10980	1815	14156	49.96
4	3925	79	353	4357	1637	694	1221	2668	3313	-467	-302	10938	1437	11031	1771	14146	50.02
5	3886	79	260	4225	1629	523	1216	2668	3598	-467	-285	10906	1491	10999	1730	14127	49.93
6	3958	551	276	4785	1633	495	1203	2667	3541	-467	-327	11330	1607	11437	1787	14724	49.83
7	4036	1020	302	5358	1632	484	1223	2644	3676	-487	-347	12026	1652	12179	1856	15534	49.79
8	4131	1080	300	5511	1637	509	1260	2656	3566	-537	-439	12044	1652	12197	1942	15638	49.92
9	4054	1295	300	5649	1628	609	1269	2669	3533	-537	-543	12145	1701	12347	2216	16062	49.93
10	4111	1184	296	5591	1606	786	1232	3034	3473	-687	-662	12026	1671	12207	2665	16362	49.88
11	4054	981	296	5331	1597	683	1224	3088	3599	-706	-688	11746	1752	11909	2871	16369	49.84
12	3888	1306	297	5491	1590	749	1227	3098	3643	-770	-735	11965	1764	12125	2938	16667	49.82
13	3860	1485	297	5642	1587	680	1235	3098	3676	-763	-784	12036	1755	12190	2944	16735	49.81
14	3925	1391	316	5632	1586	702	1223	3074	3282	-739	-693	11732	1745	11876	2843	16320	49.86
15	3999	1594	344	5937	1577	904	1231	3035	2954	-763	-724	11879	1761	12031	2891	16531	49.66
16	3990	1923	347	6260	1594	846	1211	2923	2846	-751	-760	11997	1771	12153	2909	16677	49.83
17	3981	1560	352	5893	1603	884	1200	2898	3061	-727	-662	11979	1773	12131	2860	16612	49.88
18	4005	694	414	5113	1602	862	1223	2908	3118	-687	-616	11302	1920	11423	2800	16022	49.92
19	4050	272	415	4737	1599	903	1283	2784	3127	-558	-511	11138	2791	11201	2660	16589	49.79
20	4050	1497	416	5963	1586	823	1282	2947	2960	-627	-533	12081	3130	12144	2634	17845	49.50
21	3997	1988	421	6406	1573	743	1257	3009	3010	-690	-662	12350	3140	12413	2611	18101	49.65
22	3985	1649	422	6056	1560	715	1276	3009	2943	-690	-659	11941	3140	12004	2461	17542	49.77
23	3948	1389	421	5758	1556	626	1268	2905	2745	-690	-748	11255	3140	11318	2370	16765	49.70
24	3768	1211	423	5402	1557	652	1249	2787	2788	-676	-725	10941	2784	10941	2279	16004	49.68
MUs	95.29	26.37	8.37	130.02	38.47	16.79	29.74	68.60	77.41	-15.17	-13.64	279.01	48.84	281.73	57.70	385.54	49.82

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 01/Jul/2011

Position as on 6.30 Hrs of 02/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	04/07/2011
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
Uran Unit B0	120	16/06/2011	01.03	01/07/2011	13:26	R/M work	
CPP WPCL U-3	135	20/06/2011	03.16		Continued.	Maintenance work.	
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		Continued.	Boiler Tube Leakage	02/07/2011
Koyana ST-IV 1	250	30/06/2011	19.38	01/07/2011	00.07	Spirical valve problem	
Nasik Unit 3	210	30/06/2011	21.05	01/07/2011	00.35	Drum Level High	
Koradi Unit 5	200	01/07/2011	10:37	01/07/2011	12:45	Turbine Protection Fail.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 01/Jul/2011

Position as on 6.30 Hrs of 02/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		Continued.	Over Voltage.
Kolhapur - Mapusa - I	01/07/2011	00.24	01/07/2011	10:16	Over Voltage
Kolhapur - Mapusa - II	01/07/2011	21:25		Continued.	Over Voltage.
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule - S'Sarovar- II	01/07/2011	00.42		Continued.	Tried to charge, tripped on Distance Protection (Declared Faulty)
Dhule-Sar'Sarovar - I	01/07/2011	04.21		Continued.	Distance Protection(Declared Faulty)
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Chandrapur - Parli - III	01/07/2011	06:41	01/07/2011	18:34	Rectification work of diverted section of Chandrapur-Parli III line hot spot attended.
Bhusawal- Aurangabad	01/07/2011	09:04	01/07/2011	17:36	Replacement of isolator with earth blade.
400/220/33KV,500 MVA ICT-I At Kalwa	01/07/2011	09:15	01/07/2011	15:15	Installation of Rainguard.
400/220 KV 315 MVA ICT-I @ Dhule	01/07/2011	09:18	01/07/2011	19:46	P.I. Tandelta measurment.
Bablswr-Padgha Ckt I	01/07/2011	13:16	01/07/2011	16:15	Line Maintenance Work.
400/220KV,500MVA ICT-III At Kalwa.	01/07/2011	15:44	01/07/2011	19:40	Installation of Rainguard.
Padgha - Babaleshwar - II	01/07/2011	17:19	01/07/2011	19:39	Singnature analysis 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
Main Bus - I at Kolhapur.	27/06/2011	11:47	01/07/2011	15:20	Sawantwadi I New Bay erection work.
Koradi-Ambazari-I	28/06/2011	10.23		Continued.	Transfer of the control panel from existing control panels.
Babaleshwar - Alephata	30/06/2011	09.00	01/07/2011	07:52	Line Maintenance Work.(Charged from BBLSR end)
220/100KV 200 MVA ICT-I @ Padgha	01/07/2011	09:14	01/07/2011	17:08	Bay maint. work.
Apta - Kalwa - II	01/07/2011	09:59	01/07/2011	16:42	Repairing of Conductor.
Babaleshwar - Bhenda	01/07/2011	10:05		Continued.	Tower Shifting work.
Pedambe-Newkoyna	01/07/2011	10:10	01/07/2011	13:46	W.T. Replacement work.
Temghar-Colourchem	01/07/2011	10:47	02/07/2011	00:47	For taking A/R realy.
Nasik - Airoli - Knowledge Park	01/07/2011	10:52	01/07/2011	14:29	Maintenance work.
Kalwa - Airoli - Knowledge Park.	01/07/2011	11:23	01/07/2011	14:36	Maintenance Work.
Kalwa-Mulund II	01/07/2011	14:08	01/07/2011	17:58	Testing of Realy.
220/132 KV 200 MVA ICT - II @ Malegaon	01/07/2011	14:40	01/07/2011	15:50	Isolator Maintenance work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - I	30/06/2011	21.34	01/07/2011	10:07	Over Voltage.
Bhusawal- Aurangabad	01/07/2011	19:47		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Jul/2011

Position as on 6.30 Hrs of 02/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-Usmanabad	11/06/2011	16.01	01/07/2011	10:50	To Control Parly ICT Loading.
Murud-Bale	19/06/2011	15.33	01/07/2011	10:50	At Bale end,To control Parli ICT loading.
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.
Voltage Level : 400KV			Outage Type TRIPPED		
Bhusawal- Aurangabad	30/06/2011	22.15	01/07/2011	05.25	Over Voltage
Stage-IV - Jejuri	02/07/2011	04:28		Continued.	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).
220/110KV 200MVA ICT-II at Mudshingi	10/04/2011	18.10		Continued.	Diff.Prot.Defective B Phase LA replaced(Kept on Humming at 16.30Hrs on 18/4/11)
220/100KV 125 MVA ICT-I @ Kalwa	19/06/2011	13.45		Continued.	Buchholz Augmentation by 200 MVA.Expected in Sept.2011.
Vita - Ghatnandre	01/07/2011	02.33	01/07/2011	08:44	Distance protection
Dondaicha - Sahada	01/07/2011	07:05	01/07/2011	07:40	Backup Protection Operated O/C and E/F.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 02/Jul/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	170
Unit 6	210	175
Unit 7	210	185
	620	530
Bhusawal		
Unit 2	210	0
Unit 3	210	180
Unit 4	0	
	420	180
Parli		
Unit 3	210	155
Unit 4	210	115
Unit 5	210	90
Unit 6	250	0
Unit 7	250	190
	1130	550
Chandrapur		
Unit 1	210	130
Unit 2	210	130
Unit 3	210	190
Unit 4	210	170
Unit 5	500	400
Unit 6	500	250
Unit 7	500	0
	2340	1270
Paras		
Unit 3	250	200
Unit 4	250	230
	500	430
Khaparkheda		
Unit 1	210	180
Unit 2	210	180
Unit 3	210	180
Unit 4	210	210
Unit 5	0	
	840	750
Nasik		
Unit 1	120	0
Unit 2	120	0
Unit 3	210	160
Unit 4	210	50
Unit 5	210	160
	870	370
Uran		
All Units	852	410
	852	410
Dabhol		
RGPP	1940	1550
	1940	1550
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	9
GHATGHAR	250	
	611	211
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	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	3178
	3455	3178