



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

State Load Dispatch Center, Airoli

Daily system Report

for

03/Jul/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 03/Jul/2012 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	96.241	280.778	1) Gujrat	-2.441	-1.716
2) Hydro	8.317	32.983	2) Madhya Pradesh	11.843	37.318
3) Gas	9.698	31.538	3) Chattisgarh	10.710	32.670
Total MSGENCO	114.256	345.299	4) Maharashtra	48.395	149.796
B) OTHERS			5) Goa	-5.547	-17.055
1) JSW JAIGAD	28.944	85.783	6) TAPS 1&2 Injection	7.347	22.127
2) WPCL	8.200	29.682	7) RGPPL Injection	18.204	53.024
3) Other CPP / IPP	7.367	19.407	8) Pench (Excess)	-0.068	-0.207
4) Wind Generation	20.646	38.554	# Total Cent. Sector	88.443	275.957
5) PENCH (MS)	0.068	0.207	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-10.965	-27.203
1) TPCL Thermal	28.082	84.946	G) Bilateral Power *		
2) TPCL Hydro	4.747	11.189	1) MSEDCL Bilateral	28.421	87.604
TOTAL TPCL	32.829	96.135	Include PX	0.000	1.765
3) REL Thermal	12.542	37.686	2) MUMBAI Bilateral	12.344	36.911
D) STATE			Include PX	0.640	0.193
1) Thermal (A1+C1+C3)	136.865	403.410	3) MUMBAI Schedule	12.344	36.911
2) Hydro (A2+B5+C2)	13.132	44.379	H) ENERGY CATERED (MUs)		
3) Gas (A3)	9.698	31.538	1) MSEDCL	256.959	767.686
4) Wind (B4)	20.646	38.554	2) TPCL	37.849	107.609
5) CPP (B1+B2+B3)	44.511	134.872	3) REL	18.484	53.406
TOTAL STATE	224.852	652.753	TOTAL STATE	313.292	928.701

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	3753	4169	4002
MSGENCO Hydro	929	401	138
MSGENCO Gas	390	414	400
MSGENCO Total Generation	5072	4984	4540
Central Sector Receipt	3912	3801	3435
WIND	1061	969	672
CPP / IPP	1875	1900	1816
Exchange with Mumbai	-599	-414	-238
MSEDCL DEMAND MET	11321	11242	10225
Load Shedding	650	498	232
MSEDCL DEMAND	11971	11740	10457
TPCL GENERATION	1817	1710	888
R-INFRA GENERATION	517	524	524
TPCL+R-INFRA DEMAND	2933	2648	1650
STATE DEMAND MET	14254	13890	11875
STATE DEMAND	14904	14388	12107
Frequency (Hz)	49.41	49.40	49.55

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.1 Hz at 17:04 Hrs	48.8 Hz at 11:14 Hrs	49.49	11.48 % 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/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.80	7.79	135	94	125
Unit 6	3.17	8.04	145	113	140
Unit 7	3.84	12.10	175	130	172
Total	9.81	27.92			437
Bhusawal					
Unit 2	3.83	11.66	170	150	170
Unit 3	3.92	5.45	175	150	180
Unit 4	0.00	0.00	0	0	0
Unit 5	0.00	0.00	0	0	0
Total	7.76	17.10			350
Parli					
Unit 3	3.38	7.58	155	129	135
Unit 4	2.96	8.61	135	117	115
Unit 5	3.10	9.79	155	109	130
Unit 6	0.00	0.00	0	0	0
Unit 7	0.00	0.00	0	0	0
Total	9.44	25.99			380
Chandrapur					
Unit 1	3.31	10.40	149	87	155
Unit 2	3.82	11.69	164	154	165
Unit 3	4.22	12.90	187	137	180
Unit 4	4.61	14.00	199	176	200
Unit 5	3.56	18.76	410	0	0
Unit 6	10.51	31.11	480	254	450
Unit 7	3.82	21.47	438	0	440
Total	33.85	120.32			1590
Paras					
Unit 3	0.00	0.00	0	0	0
Unit 4	0.00	0.00	0	0	0
Total	0.00	0.00			0
Khaparkheda					
Unit 1	4.86	14.40	215	190	210
Unit 2	0.00	0.00	0	0	0
Unit 3	5.07	15.26	219	188	210
Unit 4	5.02	14.56	216	191	210
Unit 5	7.16	12.73	320	264	300
Total	22.11	56.96			930
Nasik					
Unit 3	5.06	15.43	220	200	210
Unit 4	4.53	13.37	204	178	200
Unit 5	3.68	3.69	190	16	190
Total	13.28	32.49			600
Uran					
All Units	9.70	31.54	418	387	380
Total	9.70	31.54			380
PENCH (MS)					
Pench (MS)	0.07	0.21	24	0	0
Total	0.07	0.21			0
Koyna					
Stage 1-2	2.73	11.74	370	40	530
Stage 4	1.67	9.14	280	0	250
Stage 3	2.23	6.12	160	0	240
Kovna 12&4 Total	4.40	20.88			780

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	6.63	27.01			1020
Hydro					
KDPH	0.13	0.13	14	0	0
VTRNA	0.93	2.71	61	0	61
TILLARI	0.15	0.46	60	0	0
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.27	0.70	80	0	80
RNGR+BHTSA	0.09	0.52	10	0	9
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.11	0.30	10	2	8
GHATGHAR	0.00	1.15	0	0	0
Total	1.69	5.97			158
Wind					
MalharPeth	1.19	1.82			
Vankuswadi	1.90	2.76			
ATIT	0.30	0.45			
Kale	0.88	1.38			
Satara	5.62	8.94			
Shirala	0.75	1.44			
K Mahankal	0.19	0.40			
Supa	0.15	0.20			
Vita	4.15	9.98			
Dondaicha	4.01	8.30			
Sakri	0.30	0.79			
Nandurbar	0.44	0.95			
Khandke	0.54	0.72			
Khaparale	0.23	0.44			
Total	20.65	38.55			
CPP					
JSW JAIGAD	28.94	85.78	1208	1204	1100
WARDHA	8.20	29.68	398	327	316
Other CPPs	7.37	19.41			
Total	44.51	134.87			1416
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.83	35.84	504	434	500
Trombay 6	8.44	21.05	500	156	500
Trombay 7A	2.90	8.64	123	118	120
Trombay 7B	1.59	4.77	67	66	60
Trombay 8	3.32	14.64	249	0	0
TATA Hydro	4.75	11.19	458	0	447
Total	32.83	96.14			1627
REL					
1&2	12.54	37.69	526	516	500
Total	12.54	37.69			500
Cent Sect					
Share					3989
Total					3989

MS PG CL	Thermal	96.24	280.78			4287
	Thml+Gas	105.94	312.32			4667
	Hydro	8.32	32.98			1178
	Total	114.26	345.30			5845
State Total		224.85	652.75			13377

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 03/Jul/2012

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	CS SHARE	CS RECPT	Mum.S CH.	Mum. NET EXCH.	MSEDCL DEMAND MET	LOAD SHEDDI NG	MSEDCL DEMAND WITH LS	TPCL + R -INFRA DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	4045	583	399	5027	368	1861	4004	3800	-543	-550	10506	144	10650	1950	12600	49.21
2	4021	483	400	4904	466	1801	3900	3590	-391	-415	10346	211	10557	1807	12364	49.34
3	4036	219	401	4656	571	1797	3841	3608	-319	-286	10346	215	10561	1694	12255	49.59
4	4002	138	400	4540	672	1816	3812	3435	-279	-238	10225	232	10457	1650	12107	49.55
5	4057	141	400	4598	594	1815	3807	3576	-269	-237	10346	248	10594	1640	12234	49.53
6	4161	242	416	4819	578	1815	3800	3704	-262	-335	10581	360	10941	1726	12667	49.53
7	4171	264	411	4846	601	1811	3852	3628	-274	-436	10450	731	11181	1809	12990	49.63
8	4143	191	410	4744	595	1813	3920	3456	-344	-419	10189	765	10954	1834	12788	49.61
9	4133	207	390	4730	812	1809	3964	3412	-389	-574	10189	881	11070	2222	13292	49.54
10	3864	725	389	4978	788	1813	4051	3802	-479	-539	10842	647	11489	2602	14091	49.51
11	3774	956	389	5119	875	1842	4141	4006	-634	-528	11314	597	11911	2857	14768	49.53
12	3753	929	390	5072	1061	1875	4199	3912	-714	-599	11321	650	11971	2933	14904	49.41
13	3768	503	387	4658	1096	1889	4163	3651	-690	-606	10688	735	11423	2919	14342	49.43
14	3935	272	389	4596	1146	1894	4057	3619	-594	-522	10733	641	11374	2824	14198	49.31
15	3922	331	397	4650	990	1878	4094	3832	-632	-520	10830	528	11358	2825	14183	49.37
16	3928	271	410	4609	970	1884	4087	3841	-636	-459	10845	565	11410	2783	14193	49.37
17	3944	95	414	4453	1075	1895	4102	3547	-615	-452	10518	652	11170	2762	13932	49.64
18	3979	109	418	4506	1061	1871	4063	3603	-553	-460	10581	646	11227	2738	13965	49.76
19	4095	176	413	4684	1063	1886	4003	3755	-504	-405	10983	433	11416	2670	14086	49.52
20	4169	401	414	4984	969	1900	4013	3801	-542	-414	11242	498	11740	2648	14388	49.40
21	4240	319	416	4975	1077	1901	4084	3711	-615	-459	11229	482	11711	2581	14292	49.45
22	4186	288	416	4890	1185	1895	4109	3532	-647	-477	11049	469	11518	2429	13947	49.45
23	4047	237	414	4698	993	1871	4159	3904	-714	-506	10978	231	11209	2282	13491	49.53
24	3868	237	415	4520	1040	1879	4142	3718	-703	-529	10628	165	10793	2151	12944	49.50
MUs	96.24	8.32	9.70	114.26	20.65	44.51	96.37	88.44	-12.34	-10.96	256.96	11.73	268.68	56.34	325.02	49.49

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/2012

Position as on 6.30 Hrs of 04/Jul/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Khaparkheda Unit 2	210	01/06/2012	05.45		Continued.	Annual overhaul.	05/07/2012
FORCED OUTAGE							
Bhusawal Unit 5	500	30/03/2012	04.34		Continued.	Hand Tripped	
Bhusawal Unit 4	500	06/06/2012	06.27		Continued.	Vibration Problem	
Paras Unit 3	250	13/06/2012	17.05		Continued.	Structure collapse near ESP.	
Dabhol 1A	230	16/06/2012	11.45		Continued.	Withdrawn.	
Koyna Unit 11	80	18/06/2012	08.00		Continued.	Stator E/F.	
Koyna ST-IV 2	250	20/06/2012	11.00		Continued.	Attending Spherical Valve Srevomotor Oil Leakage.	05/07/2012
Parli Unit 6	250	23/06/2012	15.03		Continued.	Bunkering problem.	
Cent_Sect NTPC(V-8)	500	23/06/2012	23.38		Continued.	Boiler tube leakage.	
Dabhol 3B	230	25/06/2012	09.41		Continued.	Gas Shortage	
Uran Unit 5	108	26/06/2012	12.50		Continued.	Gas Shortage	
Koyna Unit 4	75	28/06/2012	07.10		Continued.	All Injectors Insitu Meter Filling Work.	
Dabhol 2B	230	28/06/2012	14.44		Continued.	Gas Shortage.	
Parli Unit 7	250	29/06/2012	14.45		Continued.	Furnace pressure high.	
Paras Unit 4	250	30/06/2012	07.03		Continued.	Main oil tank leakage.	
Nasik Unit 5	210	01/07/2012	06.40	03/07/2012	00.23	Tripped on turbine problem.	
Cent_Sect sipat-5	500	02/07/2012	04.35		Continued.	Excitor AVR fault.	
Chandrapur Unit 5	500	02/07/2012	13.06	03/07/2012	12.27	Boiler Tube Leaakage	
Tata Trombay 8	250	02/07/2012	21.45	03/07/2012	08.35	Drum level low.	
CPP WPCL U-2	135	03/07/2012	01.02		Continued.	Boiler cleaning.	
Chandrapur Unit 7	500	03/07/2012	09.19		Continued.	Boiler Tube Leakage	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jul/2012

Position as on 6.30 Hrs of 04/Jul/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
765KV Seoni - Wardha - II	13/06/2012	16.09		Continued.	Over Voltage
Dhule-Sar'Sarovar - I	01/07/2012	00.26		Continued.	Over Voltage.
Kolhapur-Solapur(PGCIL)-I	01/07/2012	00.37		Continued.	Over Voltage.
Kolhapur-Solapur (PG) II	01/07/2012	21.59		Continued.	Over Voltage.
Parli-Parli (PGCIL) I	01/07/2012	23.51		Continued.	Over Voltage.
Kolhapur-Mapusa-II	02/07/2012	17.50	03/07/2012	10.52	Over Voltage.
Kolhapur - Mapusa - I	03/07/2012	21.55		Continued.	Over Voltage
Akola - Wardha - II	03/07/2012	22.13		Continued.	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
Dhule - S'Sarovar- II	03/07/2012	22.31		Continued.	Over Voltage
Koradi-Satpur	03/07/2012	22.54	03/07/2012	23.22	Distance Protection
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
50MVAR Reactor C'Pur - Parli -I at Parli end	16/04/2012	16.50		Continued.	Filtration work
400/220 KV 315 MVA ICT-I @ Dhule	18/06/2012	10.40	03/07/2012	15.56	Cable Termination of CP and RP from new yard.Kept on humming.
Bablsr-Padgha Ckt I	03/07/2012	10.25	03/07/2012	16.17	Replacement of Insulator
Karad - Kolhapur - I	03/07/2012	14.18		Continued.	Testing work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
220/132 KV 100 MVA ICT II at Girvali	14/04/2012	12:05		Continued.	Augumentation by 200 MVA ICT.
Apta-Uran-III	30/06/2012	07.58		Continued.	Shifting the aux.isolator,CT line isolator from RCC structure to new G.I.structure.
Parly - Harangool - I	02/07/2012	09.34	02/07/2012	Continued.	Overhauling of Ckt.breaker.
Parly - Harangool - I	03/07/2012	09.34	03/07/2012	17.53	Overhauling of Ckt.Breaker
Wadkhal-NDIL-3	03/07/2012	11.23	03/07/2012	18.05	Maint.work
Khaperkheda-Purti	03/07/2012	11.28	03/07/2012	13.54	Hot Spot
Vita - Miraj	03/07/2012	12.45	03/07/2012	15.35	Q.M.work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
400/220KV 167 MVA Spare ICT at Khaparkheda	20/06/2012	10.17		Continued.	Low Oil Pressure Alarm Received.
Bhusawal- Aurangabad	27/06/2012	17.04		Continued.	Over Voltage,Outage Aailed @ 09.15 Hrs for Replacing Broken Line Spacer & Fixing Repair Siecre for Broken Conductor (Ready for Charging from 10.42 Hrs).
Deepnagar-Aurangabad-I	28/06/2012	12.05	03/07/2012	15.17	Over Voltage.
Aurangabad-Deepnagar-II	03/07/2012	15.29		Continued.	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Dhule-Chalisingaon	22/06/2012	15.12		Continued.	To avail outage of 315 MVA ICT-I.
Voltage Level : 400KV			Outage Type TRIPPED		
400/220KV,500MVA ICT-II at Khaparkheda.	26/06/2012	20.43		Continued.	R Phase LV side CT Burst
Karad - Kolhapur - II	04/07/2012	06.12		Continued.	Over Voltage

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Jul/2012

Position as on 6.30 Hrs of 04/Jul/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 220KV			Outage Type TRIPPED		
220/132 KV 100 MVA ICT @ Gadchiroli	18/06/2012	15.31		Continued.	Differential Protection operated
Trombay Salsette-Dharavi-9	02/07/2012	19.52	03/07/2012	21.12	Incliment weather.
Vita-Mhaisal	03/07/2012	03.35	03/07/2012	11.38	Distance protection.
Voltage Level : 132KV			Outage Type TRIPPED		
Nardhane - Shirpur	03/07/2012	22.00	03/07/2012	22.25	Distance Protection
Voltage Level : 110KV			Outage Type TRIPPED		
Salsette Dharavi-Vkroli	02/07/2012	20.04	03/07/2012	03.59	Incliment weather.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 04/Jul/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	125
Unit 6	210	120
Unit 7	210	135
	620	380
Bhusawal		
Unit 2	210	170
Unit 3	210	180
Unit 4	500	
Unit 5	500	
	1420	350
Parli		
Unit 3	210	130
Unit 4	210	105
Unit 5	210	145
Unit 6	250	0
Unit 7	250	0
	1130	380
Chandrapur		
Unit 1	210	90
Unit 2	210	165
Unit 3	210	185
Unit 4	210	190
Unit 5	500	420
Unit 6	500	300
Unit 7	500	0
	2340	1350
Paras		
Unit 3	250	0
Unit 4	250	0
	500	0
Khaparkheda		
Unit 1	210	190
Unit 2	210	0
Unit 3	210	193
Unit 4	210	192
Unit 5	500	271
	1340	846
Nasik		
Unit 3	210	192
Unit 4	210	192
Unit 5	210	182
	630	566
Uran		
All Units	852	400
	852	400
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	530
Stage 4	1000	250
Stage 3	320	240
	1920	1020
Hydro		
KDPH	40	0
VTRNA	60	60

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	0
BHTGR/VEER	21	0
BHIRA T.R.	80	40
RNGR+BHTSA	20	0
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	9
GHATGHAR	250	0
	611	109
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	1100
WARDHA	405	416
Other CPPs	0	
	1005	1516
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	4294
	3455	4294