



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

State Load Dispatch Center, Airoli

Daily system Report

for

04/Jun/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 04/Jun/2012 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	111.648	467.222	1) Gujrat	8.230	42.975
2) Hydro	16.837	36.796	2) Madhya Pradesh	22.584	78.284
3) Gas	14.454	54.814	3) Chattisgarh	11.070	41.610
Total MSGENCO	142.939	558.832	4) Maharashtra	60.071	224.043
B) OTHERS			5) Goa	-6.326	-28.050
1) JSW JAIGAD	28.980	112.388	6) TAPS 1&2 Injection	7.648	30.665
2) WPCL	9.958	39.275	7) RGPPL Injection	22.703	81.211
3) Other CPP / IPP	6.805	25.270	8) Pench (Excess)	-0.113	-0.526
4) Wind Generation	18.041	100.137	# Total Cent. Sector	125.867	470.212
5) PENCH (MS)	0.113	0.526	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-16.947	-62.305
1) TPCL Thermal	28.271	107.134	G) Bilateral Power *		
2) TPCL Hydro	5.245	17.081	1) MSEDCL Bilateral	33.820	128.791
TOTAL TPCL	33.516	124.215	Include PX	0.000	0.000
3) REL Thermal	12.544	50.221	2) MUMBAI Bilateral	18.450	67.141
D) STATE			Include PX	3.047	8.290
1) Thermal (A1+C1+C3)	152.463	624.577	3) MUMBAI Schedule	18.450	67.141
2) Hydro (A2+B5+C2)	22.195	54.403	H) ENERGY CATERED (MUs)		
3) Gas (A3)	14.454	54.814	1) MSEDCL	315.756	1244.335
4) Wind (B4)	18.041	100.137	2) TPCL	41.603	156.155
5) CPP (B1+B2+B3)	45.743	176.933	3) REL	21.403	80.580
TOTAL STATE	252.896	1010.864	TOTAL STATE	378.762	1481.070

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 17 Hrs	C. Night Minimum at 5 Hrs
MSGENCO Thermal	4578	4761	4354
MSGENCO Hydro	1687	898	453
MSGENCO Gas	590	600	604
MSGENCO Total Generation	6855	6259	5411
Central Sector Receipt	5463	5401	5063
WIND	524	967	728
CPP / IPP	1908	1904	1903
Exchange with Mumbai	-822	-861	-456
MSEDCL DEMAND MET	13928	13670	12649
Load Shedding	816	704	275
MSEDCL DEMAND	14744	14374	12924
TPCL GENERATION	1779	1735	991
R-INFRA GENERATION	524	524	523
TPCL+R-INFRA DEMAND	3125	3120	1970
STATE DEMAND MET	17053	16790	14619
STATE DEMAND	17869	17494	14894
Frequency (Hz)	49.74	49.84	49.83

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.44 Hz at 18:04 Hrs	49.34 Hz at 22:12 Hrs	49.81	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 04/Jun/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	2.49	10.26	118	93	110
Unit 6	2.90	11.12	142	103	130
Unit 7	2.88	11.84	135	95	125
Total	8.27	33.21			365
Bhusawal					
Unit 2	3.28	13.23	140	130	140
Unit 3	3.92	15.88	175	155	170
Unit 4	4.80	12.68	352	117	0
Unit 5	0.00	0.00	0	0	0
Total	12.00	41.80			310
Parli					
Unit 3	4.22	14.42	198	137	175
Unit 4	0.00	2.58	0	0	0
Unit 5	3.99	15.41	180	146	165
Unit 6	5.20	19.45	241	172	200
Unit 7	2.23	13.11	107	82	105
Total	15.64	64.98			645
Chandrapur					
Unit 1	3.95	15.67	172	158	165
Unit 2	0.00	7.56	0	0	0
Unit 3	1.12	12.83	186	0	0
Unit 4	4.61	16.96	198	175	195
Unit 5	10.86	43.02	470	425	480
Unit 6	11.52	43.48	490	470	480
Unit 7	9.79	38.38	438	369	425
Total	41.85	177.90			1745
Paras					
Unit 3	3.58	17.96	228	0	0
Unit 4	0.00	0.00	0	0	0
Total	3.58	17.96			0
Khaparkheda					
Unit 1	0.00	13.85	0	0	0
Unit 2	0.00	0.72	0	0	0
Unit 3	4.77	19.85	216	180	195
Unit 4	4.92	19.61	220	173	190
Unit 5	6.21	19.19	278	244	225
Total	15.90	73.23			610
Nasik					
Unit 3	5.32	20.74	225	215	210
Unit 4	4.49	18.92	203	165	200
Unit 5	4.60	18.48	198	186	200
Total	14.41	58.14			610
Uran					
All Units	14.45	54.81	617	583	620
Total	14.45	54.81			620
PENCH (MS)					
Pench (MS)	0.11	0.53	25	0	0
Total	0.11	0.53			0
Koyna					
Stage 1-2	4.68	13.86	540	40	600
Stage 4	7.08	9.17	942	0	250
Stage 3	2.24	5.45	296	0	320
Kovna 12&4 Total	11.76	23.04			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	14.01	28.48			1170
Hydro					
KDPH	0.55	1.67	29	16	16
VTRNA	0.00	0.00	0	0	0
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.20	0.86	62	0	80
RNGR+BHTSA	0.24	0.36	11	10	2
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.37	1.33	23	13	10
GHATGHAR	1.46	4.10	250	0	0
Total	2.83	8.31			108
Wind					
MalharPeth	0.38	2.92			
Vankuswadi	0.68	5.60			
ATIT	0.10	0.74			
Kale	0.31	1.98			
Satara	2.38	10.94			
Shirala	0.23	1.95			
K Mahankal	0.09	4.98			
Supa	0.28	1.51			
Vita	2.07	12.00			
Dondaicha	8.08	39.41			
Sakri	1.18	5.51			
Nandurbar	0.83	3.92			
Khandke	0.65	4.36			
Khaparale	0.78	4.33			
Total	18.04	100.14			
CPP					
JSW JAIGAD	28.98	112.39	1210	1195	1100
WARDHA	9.96	39.28	424	394	420
Other CPPs	6.80	25.27			
Total	45.74	176.93			1520
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.27	42.80	501	386	500
Trombay 6	6.51	22.39	437	156	500
Trombay 7A	2.86	11.48	123	116	120
Trombay 7B	1.60	6.39	68	65	60
Trombay 8	6.03	24.07	253	249	250
TATA Hydro	5.24	17.08	471	0	447
Total	33.52	124.22			1877
REL					
1&2	12.54	50.22	526	519	500
Total	12.54	50.22			500
Cent Sect					
Share					5043
Total					5043

MS PG CL	Thermal	111.65	467.22			4285
	Thml+Gas	126.10	522.04			4905
	Hydro	16.84	36.80			1278
	Total	142.94	558.83			6183
State Total		252.90	1010.86			15123

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 04/Jun/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	4584	1159	591	6334	879	1885	4890	5012	-791	-797	13313	181	13494	2425	15919	49.71
2	4552	903	599	6054	879	1885	4807	4886	-698	-651	13053	272	13325	2243	15568	49.74
3	4571	759	599	5929	859	1900	4743	4797	-622	-559	12926	263	13189	2119	15308	49.86
4	4401	516	599	5516	956	1901	4692	4950	-571	-506	12817	269	13086	2025	15111	49.86
5	4354	453	604	5411	728	1903	4672	5063	-543	-456	12649	275	12924	1970	14894	49.83
6	4342	611	604	5557	753	1902	4668	5256	-537	-457	13011	397	13408	1999	15407	49.88
7	4437	344	617	5398	508	1884	4636	5396	-542	-460	12726	864	13590	1978	15568	49.88
8	4457	231	617	5305	472	1894	4651	5469	-539	-566	12574	963	13537	2086	15623	49.96
9	4496	94	604	5194	703	1903	4662	5548	-571	-536	12812	990	13802	2358	16160	49.96
10	4537	189	602	5328	626	1911	4921	6271	-749	-594	13542	709	14251	2745	16996	49.87
11	4520	1078	586	6184	523	1909	5122	6066	-921	-751	13931	688	14619	3033	17652	49.76
12	4578	1687	590	6855	524	1908	5271	5463	-1018	-822	13928	816	14744	3125	17869	49.74
13	4588	1653	594	6835	515	1912	5266	5358	-977	-775	13845	913	14758	3144	17902	49.65
14	4632	1411	589	6632	662	1912	5219	5362	-979	-828	13740	789	14529	3086	17615	49.67
15	4711	1626	583	6920	583	1899	5210	5312	-913	-800	13914	643	14557	3140	17697	49.62
16	4692	1738	596	7026	559	1913	5113	5282	-953	-801	13979	634	14613	3151	17764	49.64
17	4761	898	600	6259	967	1904	5109	5401	-990	-861	13670	704	14374	3120	17494	49.84
18	4891	152	616	5659	999	1909	5016	5083	-880	-871	12779	538	13317	3011	16328	50.13
19	4928	100	608	5636	1141	1918	4996	4540	-732	-901	12334	187	12521	2809	15330	50.03
20	4893	162	614	5669	1033	1922	5169	5030	-760	-837	12830	520	13350	2805	16155	49.86
21	4911	168	607	5686	806	1916	5101	4927	-698	-723	12637	669	13306	2719	16025	49.88
22	4947	111	615	5673	749	1926	5132	4732	-744	-714	12391	641	13032	2645	15677	49.88
23	4930	237	611	5778	778	1904	5080	5314	-828	-806	12993	234	13227	2629	15856	49.67
24	4935	557	609	6101	839	1923	5035	5349	-895	-875	13362	177	13539	2642	16181	49.62
MUs	111.65	16.84	14.45	142.94	18.04	45.74	119.18	125.87	-18.45	-16.95	315.76	13.34	329.09	63.01	392.10	49.81

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 04/Jun/2012

Position as on 6.30 Hrs of 05/Jun/2012

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Paras Unit 4	250	01/05/2012	03.25		Continued.	Annual Overhaul.	10/06/2012
Cent_Sect NTPC(V-3)	210	20/05/2012	00:25		Continued.	AOH.	
Khaparkheda Unit 2	210	01/06/2012	05.45		Continued.	Annual overhaul.	05/07/2012
Cent_Sect NTPC(K-5)	500	01/06/2012	23.50		Continued.	A/OH.	30/06/2012
FORCED OUTAGE							
Bhusawal Unit 5	500	30/03/2012	04.34		Continued.	Hand Tripped	
Dabhol 1A	230	30/03/2012	23.29		Continued.	Gas Shortage	
Dabhol 1X	290	31/03/2012	19:43		Continued.	Maintenance work.	
Dabhol 1B	230	31/03/2012	19:45		Continued.	Maintenance work.	
Dabhol 3A	230	31/05/2012	10.51	04/06/2012	11.55	Gas shortage.	
Parli Unit 4	210	02/06/2012	00.30		Continued.	ID Fan problem.	
Chandrapur Unit 2	210	02/06/2012	22.48		Continued.	Economiser T/L.	
Paras Unit 3	250	03/06/2012	09.04	04/06/2012	05.35	Replacement of 29D isolator at GCR end.	
Khaparkheda Unit 1	210	03/06/2012	21.05		Continued.	Flame failure.	
Chandrapur Unit 3	210	04/06/2012	03.35	04/06/2012	18.56	Aux.supply fail.	
Cent_Sect NTPC(V-5)	210	04/06/2012	12:38		Continued.	Boiler Tube Leakage.	
Cent_Sect NTPC(V-8)	500	04/06/2012	12:49		Continued.	Boiler Tube Leakage.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Jun/2012

Position as on 6.30 Hrs of 05/Jun/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
Padgha-Bhoisor (PGCIL)	03/06/2012	21.13	04/06/2012	00.24	To attend hot spot.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
765 KV Wardha - Seoni -I	30/05/2012	17.48		Continued.	Over Voltage.
Kolhapur - Mapusa - II	02/06/2012	12.30	04/06/2012	04.59	Over Voltage.
Dhule-Sar'Sarovar - I	04/06/2012	00.56	04/06/2012	16:22	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Tillary-Amona	04/06/2012	22.02	04/06/2012	22.30	Hot Spot on Isolator
Voltage Level : 400KV			Outage Type TRIPPED		
Kolhapur - Mapusa - I	04/06/2012	04.45		Continued.	Distance protection.
Kolhapur - Mapusa - II	04/06/2012	07.16	04/06/2012	07.27	Distance Protection
Voltage Level : 220KV			Outage Type TRIPPED		
Tillary-Amona	05/06/2012	03.55	05/06/2012	04.55	LBB Operated at Tillary
Tillary-Amona	05/06/2012	05.45		Continued.	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-II @ Dhule	02/06/2012	09.01		Continued.	Cable termination work.
400/220KV 315MVA ICT-I @ Chandrapur	04/06/2012	08.17		Continued.	Retrofitting of Diff.and Back up OC Relay
Koradi-Akola	04/06/2012	08.37	04/06/2012	10.33	Maintanace work
New Koyna - Dabhol - II	04/06/2012	09:31	04/06/2012	19:14	Cold Line Insulator washing.
Karad-Jaigad I	04/06/2012	11:00	04/06/2012	22:09	Cold line washing of insulator.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Uran-Kharghar-II	15/02/2012	07.42		Continued.	Mumbai system strengthening work
Khargar-Topworth	15/02/2012	07.47		Continued.	Mumbai system strengthening work
Kharghar-TSS	18/02/2012	08.52		Continued.	Temporary Reconfigured as Uran-TSS at 20.30Hrs Dt.18/2/12
220/132 KV 100 MVA ICT II at Girvali	14/04/2012	12:05		Continued.	Augumentation by 200 MVA ICT.
Murud - Girawli.	04/06/2012	08.44	04/06/2012	13.53	Red Hot on Line Isolator
Talangde-Five star MIDC	04/06/2012	10:12	04/06/2012	16:37	Q. M. work.
Main Bus @ Dasturi	04/06/2012	10:31	04/06/2012	18:30	Bus section maintenance work.
Kandalgaon - Dasturi	04/06/2012	10:31	04/06/2012	18:20	Bus outage at Dasturi.
Raymond-Washala	04/06/2012	12:04	04/06/2012	14:02	Replacement of Disc insulator.
Padgha-Temghar I	04/06/2012	14.57		Continued.	To Control Padgha ICT Loading
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220 KV 315 MVA ICT-II @ Chandrapur	04/06/2012	16.53	04/06/2012	16.58	Measurement of Bus Voltage
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/132KV 200MVA ICT-I at Bale	04/06/2012	16.30	04/06/2012	22..20	Hot Spot
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Aurangabad-Deepnagar-II	31/05/2012	18.41		Continued.	Over Voltage.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 04/Jun/2012

Position as on 6.30 Hrs of 05/Jun/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Bhusawal- Aurangabad	03/06/2012	18.01	04/06/2012	09:18	Over Voltage.
Bhusawal- Aurangabad	04/06/2012	18.00		Continued.	Over Voltage
Voltage Level : 400KV			Outage Type TRIPPED		
New Koyna-Jaigad II	04/06/2012	02.41	04/06/2012	09:24	Distance protection.
Karad-Jaigad I	04/06/2012	22.34		Continued.	Distance Protection
Voltage Level : 220KV			Outage Type TRIPPED		
Raymond-Washala	04/06/2012	03.18	04/06/2012	03.35	Distance protection.
Pophali - KDPH	04/06/2012	04.05	04/06/2012	04.35	Distance protection.
Vankushwadi - MIDC Satara - I	04/06/2012	04.25	04/06/2012	12:04	Dist.protection.declared faulty.
Vankuswadi - MIDC Satara- II	04/06/2012	04.29	04/06/2012	18:15	Dist.protection.declared faulty.
Pawas-Kharepatan	04/06/2012	06.19	04/06/2012	12:43	Distance protection.
Halkarni -Tillary	04/06/2012	06.20	04/06/2012	13:14	B ph.E/F.declared faulty.
Pophali - Kandalgaon	04/06/2012	12.25	04/06/2012	12.45	Distance Protection
Pophali - Karad	04/06/2012	18.27	05/06/2012	03.42	Distance Protection
Voltage Level : 132KV			Outage Type TRIPPED		
132 KV Bus at 220KV C'gaon	04/06/2012	16.00	04/06/2012	16.25	Bursting of R Phase Breaker Pole

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 05/Jun/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	120
Unit 6	210	120
Unit 7	210	125
	620	365
Bhusawal		
Unit 2	210	140
Unit 3	210	170
Unit 4	500	
Unit 5	500	
	1420	310
Parli		
Unit 3	210	190
Unit 4	210	0
Unit 5	210	165
Unit 6	250	230
Unit 7	250	210
	1130	795
Chandrapur		
Unit 1	210	165
Unit 2	210	0
Unit 3	210	185
Unit 4	210	200
Unit 5	500	450
Unit 6	500	480
Unit 7	500	420
	2340	1900
Paras		
Unit 3	250	250
Unit 4	250	0
	500	250
Khaparkheda		
Unit 1	210	0
Unit 2	210	0
Unit 3	210	210
Unit 4	210	210
Unit 5	500	300
	1340	720
Nasik		
Unit 3	210	192
Unit 4	210	192
Unit 5	210	182
	630	566
Uran		
All Units	852	620
	852	620
PENCH (MS)		
Pench (MS)	53	
	53	
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	29
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	0
BHTGR/VEER	21	0
BHIRA T.R.	80	62
RNGR+BHTSA	20	10
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	11
GHATGHAR	250	0
	611	112
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	420
Other CPPs	0	
	1005	1520
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	5160
	3455	5160