



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

State Load Dispatch Center, Airoli

Daily system Report

for

06/Jun/2012

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 06/Jun/2012 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	106.616	690.556	1) Gujrat	7.478	58.503
2) Hydro	11.374	60.997	2) Madhya Pradesh	24.135	123.979
3) Gas	11.430	80.008	3) Chattisgarh	11.950	64.770
Total MSGENCO	129.420	831.561	4) Maharashtra	62.305	346.628
B) OTHERS			5) Goa	-6.282	-39.980
1) JSW JAIGAD	28.867	170.198	6) TAPS 1&2 Injection	7.635	45.946
2) WPCL	10.058	59.422	7) RGPPL Injection	21.133	127.539
3) Other CPP / IPP	6.515	38.421	8) Pench (Excess)	-0.145	-0.836
4) Wind Generation	12.243	124.944	# Total Cent. Sector	128.209	726.549
5) PENCH (MS)	0.145	0.836	F) Other Exchanges		
C) TPCL & REL			1) With TPCL (Excess)	-15.352	-94.771
1) TPCL Thermal	28.956	164.434	G) Bilateral Power *		
2) TPCL Hydro	5.339	28.178	1) MSEDCL Bilateral	34.665	198.961
TOTAL TPCL	34.295	192.612	Include PX	0.884	2.455
3) REL Thermal	12.544	75.305	2) MUMBAI Bilateral	18.945	105.014
D) STATE			Include PX	3.649	15.439
1) Thermal (A1+C1+C3)	148.116	930.295	3) MUMBAI Schedule	18.945	105.014
2) Hydro (A2+B5+C2)	16.858	90.011	H) ENERGY CATERED (MUs)		
3) Gas (A3)	11.430	80.008	1) MSEDCL	300.105	1857.160
4) Wind (B4)	12.243	124.944	2) TPCL	41.177	239.242
5) CPP (B1+B2+B3)	45.440	268.041	3) REL	21.014	123.438
TOTAL STATE	234.087	1493.299	TOTAL STATE	362.296	2219.840

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	4352	4423	4442
MSGENCO Hydro	1495	570	93
MSGENCO Gas	466	471	475
MSGENCO Total Generation	6313	5464	5010
Central Sector Receipt	5457	4847	5278
WIND	394	668	589
CPP / IPP	1900	1869	1896
Exchange with Mumbai	-700	-816	-499
MSEDCL DEMAND MET	13364	12032	12274
Load Shedding	790	821	241
MSEDCL DEMAND	14154	12853	12515
TPCL GENERATION	1837	1675	1022
R-INFRA GENERATION	522	525	524
TPCL+R-INFRA DEMAND	3059	3016	2045
STATE DEMAND MET	16423	15048	14319
STATE DEMAND	17213	15869	14560
Frequency (Hz)	49.52	49.81	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.29 Hz at 18.05 Hrs	49.06 Hz at 13.41 Hrs	49.8	.68 % 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/Jun/2012

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.13	16.26	137	119	130
Unit 6	3.18	17.46	145	100	135
Unit 7	3.46	18.34	170	125	145
Total	9.77	52.06			410
Bhusawal					
Unit 2	3.32	19.86	150	130	140
Unit 3	4.11	23.92	175	165	170
Unit 4	0.41	18.53	245	0	
Unit 5	0.00	0.00	0	0	
Total	7.83	62.31			310
Parli					
Unit 3	3.85	22.79	172	149	164
Unit 4	0.00	2.58	0	0	0
Unit 5	3.31	22.81	178	0	180
Unit 6	5.36	30.28	245	176	235
Unit 7	4.59	22.29	203	162	193
Total	17.11	100.76			772
Chandrapur					
Unit 1	3.81	23.40	165	149	165
Unit 2	2.87	10.44	163	0	80
Unit 3	4.36	21.44	190	170	185
Unit 4	4.54	26.19	197	173	190
Unit 5	0.00	47.12	0	0	0
Unit 6	10.22	65.14	480	325	470
Unit 7	10.00	58.55	429	409	425
Total	35.80	252.27			1515
Paras					
Unit 3	6.03	29.89	259	239	230
Unit 4	0.00	0.00	0	0	
Total	6.03	29.89			230
Khaparkheda					
Unit 1	0.00	13.85	0	0	0
Unit 2	0.00	0.72	0	0	0
Unit 3	4.72	29.50	211	183	210
Unit 4	5.18	30.03	219	210	210
Unit 5	5.85	31.74	275	158	250
Total	15.75	105.84			670
Nasik					
Unit 3	5.24	31.32	225	215	192
Unit 4	4.58	28.44	198	180	192
Unit 5	4.52	27.67	201	174	182
Total	14.33	87.42			566
Uran					
All Units	11.43	80.01	490	466	480
Total	11.43	80.01			480
PENCH (MS)					
Pench (MS)	0.14	0.84	25	0	
Total	0.14	0.84			
Koyna					
Stage 1-2	3.83	22.32	555	40	600
Stage 4	4.13	17.24	724	0	250
Stage 3	1.69	9.12	238	0	320
Kovna 12&4 Total	7.96	39.56			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Total	9.65	48.68			1170
Hydro					
KDPH	0.54	2.94	30	15	31
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.	0.30	1.41	81	0	78
RNGR+BHTSA	0.28	0.91	12	11	11
BHANDARDRA	0.00	0.00	0	0	0
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.34	2.09	22	11	9
GHATGHAR	0.26	4.97	125	0	
Total	1.73	12.32			129
Wind					
MalharPeth	0.20	3.31			
Vankuswadi	0.20	6.10			
ATIT	0.12	0.96			
Kale	0.13	2.16			
Satara	0.26	11.44			
Shirala	0.27	2.38			
K Mahankal	0.37	5.54			
Supa	0.05	1.74			
Vita	0.85	13.28			
Dondaicha	7.32	54.72			
Sakri	0.94	7.43			
Nandurbar	0.81	5.56			
Khandke	0.12	4.68			
Khaparale	0.61	5.65			
Total	12.24	124.94			
CPP					
JSW JAIGAD	28.87	170.20	1211	1167	1100
WARDHA	10.06	59.42	425	416	390
Other CPPs	6.52	38.42			
Total	45.44	268.04			1490
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.42	65.21	504	371	500
Trombay 6	7.01	36.47	469	157	500
Trombay 7A	2.92	17.13	124	119	120
Trombay 7B	1.60	9.55	68	65	60
Trombay 8	6.00	36.08	254	243	250
TATA Hydro	5.34	28.18	436	0	447
Total	34.30	192.61			1877
REL					
1&2	12.54	75.30	525	518	500
Total	12.54	75.30			500
Cent Sect					
Share					5060
Total					5060

MS PG CL	Thermal	106.62	690.56			4473
	Thml+Gas	118.05	770.56			4953
	Hydro	11.37	61.00			1299
	Total	129.42	831.56			6252
State Total		234.09	1493.30			15179

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 06/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	4667	620	469	5756	699	1903	5388	5423	-871	-872	12909	183	13092	2563	15655	49.82
2	4587	117	470	5174	731	1893	5286	5542	-739	-664	12676	214	12890	2339	15229	49.81
3	4421	107	471	4999	736	1898	4908	5362	-650	-636	12359	227	12586	2243	14829	49.89
4	4471	107	472	5050	623	1906	4846	5257	-588	-570	12266	234	12500	2090	14590	49.90
5	4442	93	475	5010	589	1896	4801	5278	-543	-499	12274	241	12515	2045	14560	49.93
6	4540	93	482	5115	563	1903	4807	5239	-540	-513	12307	367	12674	2046	14720	49.93
7	4578	98	482	5158	475	1899	4820	5141	-545	-475	12198	699	12897	2010	14907	49.98
8	4511	98	481	5090	335	1900	4826	5333	-555	-509	12149	715	12864	2087	14951	49.92
9	4568	104	474	5146	469	1899	4826	5461	-565	-586	12389	732	13121	2392	15513	49.93
10	4469	186	476	5131	387	1901	5013	5800	-740	-629	12590	561	13151	2753	15904	49.91
11	4376	1077	470	5923	355	1904	5164	5641	-903	-740	13083	583	13666	3028	16694	49.76
12	4352	1495	466	6313	394	1900	5190	5457	-990	-700	13364	790	14154	3059	17213	49.52
13	4347	1511	477	6335	488	1899	5201	4951	-1006	-689	12984	904	13888	3056	16944	49.67
14	4526	1024	471	6021	438	1875	5239	4892	-1026	-826	12400	775	13175	3019	16194	49.67
15	4556	932	468	5956	485	1853	5217	5015	-994	-839	12470	638	13108	3043	16151	49.70
16	4450	939	468	5857	604	1886	5210	4789	-1014	-779	12357	632	12989	3056	16045	49.66
17	4423	570	471	5464	668	1869	5209	4847	-1068	-816	12032	821	12853	3016	15869	49.81
18	4439	150	490	5079	640	1873	4907	4681	-902	-778	11495	745	12240	2947	15187	49.92
19	4419	94	490	5003	531	1870	4731	4601	-739	-795	11232	451	11683	2802	14485	50.12
20	4378	147	481	5006	556	1900	4885	4959	-756	-625	11821	617	12438	2763	15201	49.79
21	4297	166	480	4943	404	1901	4993	5123	-716	-453	11943	604	12547	2621	15168	49.78
22	4250	84	481	4815	357	1904	5140	5235	-753	-425	11911	587	12498	2513	15011	49.72
23	4211	644	482	5337	314	1904	5097	5199	-828	-465	12314	260	12574	2401	14975	49.60
24	4338	918	483	5739	402	1904	5065	4837	-914	-469	12436	192	12628	2299	14927	49.56
MUs	106.62	11.37	11.43	129.42	12.24	45.44	120.77	124.06	-18.94	-15.35	295.96	12.77	308.73	62.19	370.92	49.80

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/Jun/2012

Position as on 6.30 Hrs of 07/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.	
Parli Unit 4	210	02/06/2012	00.30		Continued.	ID Fan problem.	
Chandrapur Unit 2	210	02/06/2012	22.48	06/06/2012	02.26	Economiser T/L.	
Khaparkheda Unit 1	210	03/06/2012	21.05		Continued.	Flame failure.	
Chandrapur Unit 5	500	05/06/2012	09.55		Continued.	Boiler Tube Leakage	
Uran Unit 5	108	05/06/2012	18.28		Continued.	Gas Shortage	
Bhusawal Unit 4	500	06/06/2012	01.35	06/06/2012	06.02	Furnance pressure Low	
Parli Unit 5	210	06/06/2012	09.59	06/06/2012	12.55	Low Vaccum	
Dabhol 2A	230	06/06/2012	10.25		Continued.	Due To Gas Shortage.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 06/Jun/2012

Position as on 6.30 Hrs of 07/Jun/2012

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
765 KV Wardha - Seoni - I	30/05/2012	17.48		Continued.	Over Voltage.
Kolhapur - Mapusa - I	05/06/2012	17.29	06/06/2012	09.39	Over Voltage
Kolhapur - Mapusa - II	07/06/2012	00.36		Continued.	Over Voltage.
Kolhapur - Mapusa - I	07/06/2012	01.01		Continued.	Over Voltage.
IntraState					
Voltage Level : 500KV			Outage Type PLANNED OUTAGE		
HVDC POLE - II	06/06/2012	22.00	07/06/2012	04.12	Attending Oil Leakage of B Ph. Converter T/F.
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.
400/220/33 KV 315 MVA ICT - I @ Akola	06/06/2012	09.30	06/06/2012	17.41	Testing Work.
Padgha - Nagothane- II	06/06/2012	10.19		Continued.	Taken on TBC.
Karad-Jaigad I	06/06/2012	12.19	06/06/2012	19.43	Insulator Replacement.
400/220 KV 500 MVA ICT-I @ Jejuri	07/06/2012	00.34	07/06/2012	04.12	Oil Leakage Problem of C B.
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.
Bhigwan-Kurkum	06/06/2012	07.40	06/06/2012	20.20	Realy Retrofitting.
Phursungi - Theur	06/06/2012	09.13	06/06/2012	23.31	Outage.
Lamboti-Bale-I	06/06/2012	09.14	06/06/2012	15.17	To Attend Hot Spot.
Main Bus @ Bale	06/06/2012	09.14	06/06/2012	15.10	To Attend Hot Spot.
Vita-Mhaisal	06/06/2012	09.22	06/06/2012	18.31	Replacement of Faulty Insulator.
Parly (Ext.) - Beed - II	06/06/2012	09.27	06/06/2012	16.50	Replacement of R Ph. C T.
220/132 KV 200 MVA ICT - II @ Beed	06/06/2012	09.55	06/06/2012	10.40	Q.M.Work.
220/100KV 200 MVA ICT-III @ Padgha	06/06/2012	10.15	06/06/2012	13.04	Premansoon Maintenance.
Vankuswadi-KDPH	06/06/2012	10.15	06/06/2012	18.30	Replacement of Insulator.
220/132 KV 200 MVA ICT - I @ Beed	06/06/2012	10.40	06/06/2012	14.15	Jumper Replacement Work.
220/100 KV 200 MVA ICT-II @ Apta	06/06/2012	11.23	06/06/2012	19.06	L A Replacement.
220/132 KV 100 MVA ICT - I @ Malinagar	06/06/2012	11.25	06/06/2012	20.00	Maintenance Work.
220/100 KV,200MVA ICT - I at Padgha	06/06/2012	15.01	06/06/2012	17.00	Premansoon Maintenance Work.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Chalisgaon - Chalisgaon - II	06/06/2012	10.42	06/06/2012	12.49	Repl. of Jumper.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 06/Jun/2012

Position as on 6.30 Hrs of 07/Jun/2012

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Aurangabad-Deepnagar-II	31/05/2012	18.41	06/06/2012	10.52	Over Voltage.
Bhusawal- Aurangabad	05/06/2012	18.18	06/06/2012	05.36	Over Voltage
Deepnagar-Aurangabad-I	06/06/2012	18.20		Continued.	Over Voltage.
Bhusawal- Aurangabad	06/06/2012	20.35		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Padgha - Temghar - II	04/06/2012	14.57		Continued.	To Control Padgha ICT Loading.
Voltage Level : 400KV			Outage Type TRIPPED		
Lonikand- Koyna Stage IV	05/06/2012	18.24	06/06/2012	08.57	Distance Protection
New Koyna - Dabhol - I	06/06/2012	03.15	06/06/2012	06.51	Distance Protection
400/220 KV 315 MVA ICT-I @ Nagothane	06/06/2012	14.59	06/06/2012	16.32	NDR.
400/220 KV 315 MVA ICT-II @ Lonikand	06/06/2012	16.24	06/06/2012	16.36	Backup Protection.
400/220KV 500MVA ICT II at Kalwa	06/06/2012	16.32	06/06/2012	17.30	NDR.
400/220KV,500MVA ICT-III At Kalwa.	06/06/2012	16.33	06/06/2012	16.55	NDR.
Voltage Level : 220KV			Outage Type TRIPPED		
Wadkhal-IPCL I	06/06/2012	02.56	06/06/2012	10.55	Distance Protection
Nagothane-IPCL	06/06/2012	04.55	06/06/2012	10.13	Distance Protection
Wadkhal-IPCL-II	06/06/2012	05.02	06/06/2012	09.52	Distance Protection
Nagothane-IPCL	06/06/2012	05.03	06/06/2012	15.12	Distance Protection
SPCL - IPCL	06/06/2012	05.05	06/06/2012	06.03	Distance Protection
Lonikand-Theur - I	06/06/2012	16.24	06/06/2012	16.37	Backup Protection.
Lonikand -Theur - II	06/06/2012	16.24	06/06/2012	16.37	Backup Protection.
Theur-Chinchwad	06/06/2012	16.24	06/06/2012	16.45	Distance Protection.
Kalwa-Temghar	06/06/2012	16.40	06/06/2012	17.58	Distance Protection.
Wadkhal-IPCL-II	06/06/2012	16.55		Continued.	Distance Protection.
Apta-Uran-IV	06/06/2012	17.13	06/06/2012	18.30	Distance Protection.
Wadkhal-IPCL I	06/06/2012	17.24	06/06/2012	20.40	Distance Protection.
Uran - Kharghar - I	06/06/2012	17.45	06/06/2012	18.12	Distance Protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 07/Jun/2012

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	150
Unit 6	210	150
Unit 7	210	140
	620	440
Bhusawal		
Unit 2	210	140
Unit 3	210	170
Unit 4	500	
Unit 5	500	
	1420	310
Parli		
Unit 3	210	150
Unit 4	210	0
Unit 5	210	135
Unit 6	250	165
Unit 7	250	170
	1130	620
Chandrapur		
Unit 1	210	165
Unit 2	210	165
Unit 3	210	185
Unit 4	210	200
Unit 5	500	0
Unit 6	500	470
Unit 7	500	425
	2340	1610
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	150
	1340	570
Nasik		
Unit 3	210	210
Unit 4	210	210
Unit 5	210	200
	630	620
Uran		
All Units	852	480
	852	480
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	30
VTRNA	60	0

Generating unit	Derated Capacity (MW)	OLC (MW)
TILLARI	60	0
BHTGR/VEER	21	0
BHIRA T.R.	80	80
RNGR+BHTSA	20	12
BHANDARDRA	45	0
ELDARY	23	0
SMLHY PTN	12	8
GHATGHAR	250	0
	611	130
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	415
Other CPPs	0	
	1005	1515
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	5132
	3455	5132