



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

State Load Dispatch Center, Airoli

Daily system Report

for

01/Jun/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 01/Jun/2011 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	115.083	115.083	1) Madhya Pradesh	75.654	75.654
2) Hydro	16.338	16.338	2) Gujrat	25.800	25.800
3) Gas	15.098	15.098	3) Goa	-7.174	-7.174
Total MSGENCO	146.519	146.519	4) TAPS 1&2 (Inj.)	7.828	7.828
B) OTHERS			5) Pench (Excess)	-0.230	-0.230
1) RGPPL Gas	30.195	30.195	# Total Cent. Sector	101.878	101.878
2) Wind Generation	13.560	13.560	F) Other Exchanges		
3) CPP	22.574	22.574	1) With TPCL (Excess)	-14.228	-14.228
4) PENCH (MS)	0.230	0.230	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	16.405	16.405
1) TPCL Thermal	30.254	30.254	Include PX	0.000	0.000
2) TPCL Hydro	5.483	5.483	2) MUMBAI Bilateral	12.128	12.128
TOTAL TPCL	35.737	35.737	Include PX	1.961	1.961
3) REL Thermal	12.491	12.491	3) MUMBAI Schedule	12.128	12.128
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	157.828	157.828	1) MSEDCL	300.728	300.728
2) Hydro (A2+B3+C2)	22.051	22.051	2) TPCL	41.338	41.338
3) Gas (A3+B1)	45.293	45.293	3) REL	21.107	21.107
4) Wind (B2)	13.560	13.560	TOTAL STATE	363.173	363.173
5) CPP (B3)	22.574	22.574			
TOTAL STATE	261.306	261.306			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	4888	4878	4649
MSGENCO Hydro	1036	846	247
MSGENCO Gas	619	623	634
MSGENCO Total Generation	6543	6347	5530
Central Sector Receipt	4776	4230	4193
RGPPL	1307	1311	1343
WIND	589	395	679
CPP	919	1036	687
Exchange with Mumbai	-708	-638	-394
MSEDCL DEMAND MET	13426	12704	12057
Load Shedding (LS)	115	0	0
MSEDCL DEMAND (INCL. LS)	13541	12704	12057
TPCL GENERATION	1865	1570	1075
REL GENERATION	521	520	519
TPCL+REL DEMAND	3094	2728	1988
STATE DEMAND MET	16520	15432	14045
Load Management (LM)	2136	3413	1501
Total Load Relief (LS+LM)	2251	3413	1501
UNRESTRICTED STATE DEMAND	18771	18845	15546
Frequency (Hz)	49.94	49.82	50.12

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.34 Hz at 18.05 Hrs	49.41 Hz at 14.16 Hrs	49.97	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 01/Jun/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.54	3.54	172	100	170
Unit 6	3.70	3.70	187	90	170
Unit 7	3.81	3.81	175	135	170
	11.06	11.06			510
Bhusawal					
Unit 2	0.00	0.00	0	0	0
Unit 3	4.46	4.46	190	170	185
Unit 4			0	0	0
	4.46	4.46			185
Parli					
Unit 3	2.89	2.89	132	97	130
Unit 4	3.34	3.34	155	117	143
Unit 5	3.64	3.64	166	132	170
Unit 6	4.25	4.25	208	141	180
Unit 7	2.91	2.91	196	64	105
	17.02	17.02			728
Chandrapur					
Unit 1	1.26	1.26	149	0	50
Unit 2	3.88	3.88	168	153	155
Unit 3	4.22	4.22	196	137	200
Unit 4	4.15	4.15	184	150	180
Unit 5	10.06	10.06	450	355	430
Unit 6	9.67	9.67	435	325	425
Unit 7	10.46	10.46	465	375	425
	43.71	43.71			1865
Paras					
Unit 3	5.13	5.13	227	204	210
Unit 4	4.51	4.51	248	0	0
	9.64	9.64			210
Khaparkheda					
Unit 1	4.46	4.46	200	175	195
Unit 2	2.31	2.31	185	0	0
Unit 3	4.66	4.66	221	162	162
Unit 4	5.05	5.05	220	185	198
Unit 5			0	0	0
	16.47	16.47			555
Nasik					
Unit 1	1.54	1.54	91	0	90
Unit 2	0.87	0.87	90	0	90
Unit 3	3.56	3.56	185	100	160
Unit 4	3.25	3.25	170	88	170
Unit 5	3.51	3.51	176	112	200
	12.73	12.73			710
Uran					
All Units	15.10	15.10	642	615	620
	15.10	15.10			620
Dabhol					
RGPPL	30.20	30.20	1348	694	1250
	30.20	30.20			1250
Koyna					
Stage 1-2	4.72	4.72	485	40	600
Stage 4	7.16	7.16	840	0	250
Stage 3	2.32	2.32	318	0	320
	14.20	14.20			1170
Kovna 12&4 Total	11.87	11.87			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.36	0.36	18	14	18
VTRNA	0.00	0.00	0	0	0
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.00	0.00	0	0	3
BHIRA T.R.	0.33	0.33	41	0	80
RNGR+BHTSA	0.26	0.26	11	11	12
BHANDARDRA	0.63	0.63	27	26	19
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.46	0.46	27	16	9
GHATGHAR	0.10	0.10	95	0	0
	2.14	2.14			141
PENCH (MS)					
Pench (MS)	0.23	0.23	25	0	
	0.23	0.23			
Wind					
MalharPeth	0.27	0.27			
Vankuswadi	0.86	0.86			
ATIT	0.12	0.12			
Kale	0.32	0.32			
Satara	1.53	1.53			
Shirala	0.27	0.27			
K Mahankal	0.06	0.06			
Supa	0.21	0.21			
Vita	2.16	2.16			
Dondaicha	4.97	4.97			
Sakri	0.73	0.73			
Nandurbar	0.73	0.73			
Khandke	0.58	0.58			
Khaparale	0.74	0.74			
	13.56	13.56			
CPP					
JSW JAIGAD	13.39	13.39	674	511	750
WARDHA	4.84	4.84	380	0	330
Other CPPs	4.34	4.34			
	22.57	22.57			1080
Tata					
Trombay 4			0	0	0
Trombay 5	11.77	11.77	493	490	500
Trombay 6	8.60	8.60	495	150	500
Trombay 7A	2.84	2.84	120	116	120
Trombay 7B	1.58	1.58	66	65	60
Trombay 8	5.47	5.47	250	150	250
TATA Hydro	5.48	5.48	459	0	447
	35.74	35.74			1877
REL					
1&2	12.49	12.49	522	519	500
	12.49	12.49			500
Cent Sect					
Share					3237
					3237

MS PG CL	Thermal	115.08	115.08		4763
	Thml+Gas	130.18	130.18		5383
	Hydro	16.34	16.34		1311
	Total	146.52	146.52		6694
State Total		261.31	261.31		14638

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/Jun/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	4664	568	638	5870	1320	669	1072	3182	4119	-728	-681	12389	2060	12389	2456	16905	49.81
2	4737	113	639	5489	1329	702	1066	3057	4329	-613	-569	12366	1924	12366	2235	16525	50.02
3	4680	131	639	5450	1334	730	1048	2962	4097	-522	-488	12191	1432	12191	2095	15718	50.04
4	4649	247	634	5530	1343	679	687	2895	4193	-194	-394	12057	1501	12057	1988	15546	50.12
5	4636	122	642	5400	1347	615	691	2852	4426	-151	-350	12129	1622	12129	1945	15696	50.14
6	4497	132	640	5269	1342	538	721	2803	4549	-123	-371	12048	1820	12048	1968	15836	50.03
7	4618	202	642	5462	1348	457	792	2875	4694	-228	-401	12352	2057	12380	1920	16329	50.18
8	4790	123	634	5547	1335	505	803	2875	4511	-236	-319	12382	2029	12382	2024	16435	50.11
9	4701	302	625	5628	1322	586	817	2897	4774	-251	-429	12698	2029	12698	2298	17025	49.98
10	4902	538	622	6062	1317	625	857	3048	4678	-286	-464	13075	2080	13075	2702	17857	49.96
11	4956	831	622	6409	1313	544	895	3270	4613	-441	-622	13152	2177	13152	2986	18315	50.00
12	4888	1036	619	6543	1307	589	919	3385	4776	-560	-708	13426	2251	13541	3094	18771	49.94
13	4928	1400	615	6943	1304	381	916	3385	4313	-620	-738	13137	2296	13299	3123	18556	49.88
14	5005	1437	619	7061	1296	423	910	3385	4064	-640	-730	13049	2320	13235	3066	18435	49.86
15	4969	1508	622	7099	1293	465	923	3319	4408	-640	-768	13433	2135	13609	3133	18701	49.81
16	4822	1576	627	7025	1307	692	957	3272	4125	-683	-788	13318	2035	13460	3171	18524	49.95
17	4622	1036	634	6292	1302	931	980	3248	4270	-662	-714	13061	1999	13202	3110	18170	49.89
18	4628	467	634	5729	1312	801	1016	3146	3789	-575	-615	12032	2329	12216	3011	17372	50.08
19	4696	158	628	5482	1310	699	1018	3046	3429	-463	-537	11401	3147	11435	2818	17366	49.98
20	4877	531	619	6027	1308	541	1002	3173	4135	-518	-595	12420	3401	12420	2783	18604	49.85
21	4878	846	623	6347	1311	395	1036	3268	4230	-610	-638	12704	3413	12704	2728	18845	49.82
22	5020	557	624	6201	1107	362	1128	3325	4181	-706	-699	12303	3413	12303	2639	18355	49.93
23	4991	1244	627	6862	694	330	1170	3324	3633	-806	-795	11917	3413	11917	2600	17930	50.02
24	4930	1233	630	6793	694	304	1150	3280	3544	-873	-815	11694	3042	11694	2563	17299	49.95
MUs	115.08	16.34	15.10	146.52	30.20	13.56	22.57	75.27	101.88	-12.13	-14.23	300.73	55.92	301.90	62.46	419.12	49.97

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/Jun/2011

Position as on 6.30 Hrs of 02/Jun/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect NTPC (V-1)	210	07/05/2011	00.46		Continued.	A/OH	19/06/2011
Cent_Sect NTPC(K-5)	500	10/05/2011	00.00		Continued.	Annual Overhaul	03/06/2011
Dabhol 1A	230	20/05/2011	13.22		Continued.	Rotor replacement.	20/07/2011
Uran Unit 5	108	02/06/2011	00:29		Continued.	Internal Inspection.	02/06/2011
FORCED OUTAGE							
Dabhol 1X	290	20/05/2011	13.22		Continued.	Unit 1A and 1B out	06/06/2011
Dabhol 1B	230	21/05/2011	02.17		Continued.	High speed.	06/06/2011
Chandrapur Unit 1	210	30/05/2011	00.07	01/06/2011	02.44	for extension of boiler steaming validity.	
Khaparkheda Unit 2	210	30/05/2011	10.52	01/06/2011	09:58	Boiler Tube Leakage.	04/06/2011
Cent_Sect TARAPUR-4	540	30/05/2011	20.00		Continued.	Survilence Test	14/06/2011
Bhusawal Unit 2	210	31/05/2011	08.41		Continued.	Boiler Tube Leakage	03/06/2011
CPP WPCL U-1	135	01/06/2011	02.54	01/06/2011	05.13	B phase CT Burst of Wardha-Warora Ckt-II at Warora end	
CPP WPCL U-3	135	01/06/2011	02.54	01/06/2011	08:00	B phase CT Burst of Wardha-Warora Ckt-II at Warora end	
CPP WPCL U-2	135	01/06/2011	02.54	01/06/2011	16:09	B phase CT Burst of Wardha-Warora Ckt-II at Warora end	
Paras Unit 4	250	01/06/2011	03.06	01/06/2011	06.19	Flame Failure	
Nasik Unit 2	125	01/06/2011	11:15		Continued.	Boiler Tube Leakage.	03/06/2011
Chandrapur Unit 1	210	01/06/2011	15:39		Continued.	Boiler Tube Leakage.	03/06/2011
Dabhol 3X	290	01/06/2011	21.40		Continued.	W/dn due to Nonavailability of 3A&3B	
Dabhol 3A	230	01/06/2011	21:40		Continued.	Condensor Vaccume Trip.	
Dabhol 3B	230	01/06/2011	21:40		Continued.	Condensor Vaccume Trip.	
Nasik Unit 1	125	01/06/2011	22.40		Continued.	Attending scrapper Chain of Ash Extraction system	

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

Position as on 6.30 Hrs of 02/Jun/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		
Dhule-Sar'Sarovar - II	31/05/2011	06.40		Continued.	Testing work
Karad - Solapur (PGCIL)	01/06/2011	12.03	01/06/2011	15.21	Reactor Testing work at Karad end
Voltage Level : 400KV			Outage Type TRIPPED		
Akola - Wardha - II	01/06/2011	17.32	01/06/2011	17.27	Tripped at Akola end only
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Padgha - Nagothane- II	01/06/2011	09.12	01/06/2011	19.04	Premansoon maint.work
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
Kharghar-Nerul	06/05/2011	09.32		Continued.	Dismantling and erection of towers(upto 04.06.2011)
Borivali-Mulund	17/05/2011	12.28		Continued.	Cable Termination work of 220KV Bhandup GIS Up to 10-06-2011.
220/132KV 100 MVA ICT-I @ Parbhani	21/05/2011	09.10		Continued.	Augmentation from 100 to 200 MVA
Nasik-Padgha	26/05/2011	08.32		Continued.	Dismantling of Existing 2 Towers & Restranging on New Tower
Jindal - Ghatghar	26/05/2011	09.05		Continued.	Dismantling of Existing 2 Towers & Restranging on New Tower
Bhusawal-Chalisgaon-I	31/05/2011	16.03		Continued.	Replacement of Isolator
Kalmeshwar-Kaparkheda	01/06/2011	07.59	01/06/2011	17.43	Replacement of E/W
Halkarni -Tillary	01/06/2011	09.27	01/06/2011	18.08	Isolator replacement work
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	31/05/2011	20.58	01/06/2011	05.29	Over Voltage
Bhusawal- Aurangabad	01/06/2011	20.16	02/06/2011	05:12	Over Voltage
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Babaleshwar - Bhenda	12/05/2011	11.35		Continued.	To control BBLSR ICT Load
Chandrapur-Warora - I	19/05/2011	17.18	01/06/2011	04.26	To Control Loading of Warora-Wardha.
BBLSR-Waluj	25/05/2011	13.55		Continued.	To Control BBLSR ICT Loading.
Abhijeet-Wardha-I	26/05/2011	08.36		Continued.	To Control Koradi ICT Loading.
Hingoli-Pusad	31/05/2011	11.20	01/06/2011	11.32	To control Wardha-Y'Mal Line Loading
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
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.	Differential Protection, Defective B Phase LA replaced(Kept on Humming at 16.30Hrs on 18/4/11)
Gangapur-Valve	13/05/2011	12.34		Continued.	Tower Bent @ Loc. No.10C,7,8,9,10,11.
Uran-Kharghar-I	01/06/2011	02.27	01/06/2011	18.02	Distance Protection
Wardha Power - Warora-I	01/06/2011	02.54	01/06/2011	03.15	Tripped due to Jerk(CT Burst of Wardha-Warora-II)
Wardha Power - Warora - II	01/06/2011	02.54	01/06/2011	19.31	B phase CT Burst at Warora end

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 02/Jun/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	170
Unit 6	210	180
Unit 7	210	170
	620	520
Bhusawal		
Unit 2	210	0
Unit 3	210	185
Unit 4	0	
	420	185
Parli		
Unit 3	210	125
Unit 4	210	110
Unit 5	210	160
Unit 6	250	140
Unit 7	250	180
	1130	715
Chandrapur		
Unit 1	210	0
Unit 2	210	160
Unit 3	210	160
Unit 4	210	160
Unit 5	500	450
Unit 6	500	425
Unit 7	500	425
	2340	1780
Paras		
Unit 3	250	230
Unit 4	250	230
	500	460
Khaparkheda		
Unit 1	210	210
Unit 2	210	180
Unit 3	210	210
Unit 4	210	210
Unit 5	0	
	840	810
Nasik		
Unit 1	120	0
Unit 2	120	0
Unit 3	210	160
Unit 4	210	170
Unit 5	210	180
	870	510
Uran		
All Units	852	470
	852	470
Dabhol		
RGPP	1940	700
	1940	700
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	18

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	0
TILLARI	60	0
BHTGR/VEER	21	0
BHIRA T.R.	80	41
RNGR+BHTSA	20	11
BHANDARDRA	45	26
ELDARY	23	0
SMLHY PTN	12	11
GHATGHAR	250	0
	611	107
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	685
WARDHA	405	330
Other CPPs	0	
	1005	1015
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	3334
	3455	3334

	19080	14153
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