



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

State Load Dispatch Center, Airoli

Daily system Report

for

12/Jun/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 12/Jun/2011 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	104.201	1355.023	1) Madhya Pradesh	58.813	704.334
2) Hydro	6.746	106.733	2) Gujrat	7.331	118.620
3) Gas	8.951	139.352	3) Goa	-5.673	-72.886
Total MSGENCO	119.898	1601.108	4) TAPS 1&2 (Inj.)	7.888	94.198
B) OTHERS			5) Pench (Excess)	-0.867	-5.302
1) RGPPL Gas	39.161	417.364	# Total Cent. Sector	67.492	838.964
2) Wind Generation	14.807	114.413	F) Other Exchanges		
3) CPP	26.597	309.416	1) With TPCL (Excess)	-7.073	-123.412
4) PENCH (MS)	0.867	5.302	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	17.801	210.786
1) TPCL Thermal	23.346	335.527	Include PX	0.000	0.000
2) TPCL Hydro	0.149	46.990	2) MUMBAI Bilateral	8.874	136.686
TOTAL TPCL	23.495	382.517	Include PX	-0.977	-5.437
3) REL Thermal	11.095	139.026	3) MUMBAI Schedule	8.874	136.686
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	138.642	1829.576	1) MSEDCL	261.749	3163.155
2) Hydro (A2+B3+C2)	7.762	159.025	2) TPCL	27.461	428.138
3) Gas (A3+B1)	48.112	556.716	3) REL	14.200	216.794
4) Wind (B2)	14.807	114.413	TOTAL STATE	303.410	3808.087
5) CPP (B3)	26.597	309.416			
TOTAL STATE	235.920	2969.146			

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	4393	4082	4664
MSGENCO Hydro	196	758	82
MSGENCO Gas	291	410	431
MSGENCO Total Generation	4880	5250	5177
Central Sector Receipt	3561	3059	2020
RGPPL	1613	1633	1670
WIND	610	730	459
CPP	1110	1141	1066
Exchange with Mumbai	-378	-430	-170
MSEDCL DEMAND MET	11423	11430	10270
Load Shedding (LS)	21	0	0
MSEDCL DEMAND (INCL. LS)	11444	11430	10270
TPCL GENERATION	977	1100	977
REL GENERATION	523	523	260
TPCL+REL DEMAND	1878	2053	1407
STATE DEMAND MET	13301	13483	11677
Load Management (LM)	1502	2797	1340
Total Load Relief (LS+LM)	1523	2797	1340
UNRESTRICTED STATE DEMAND	14824	16280	13017
Frequency (Hz)	49.85	49.72	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.34 Hz at 17.00 Hrs	49.26 Hz at 00.02 Hrs	49.88	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 12/Jun/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	4.02	33.91	177	156	170
Unit 6	4.33	48.43	199	161	195
Unit 7	4.54	40.86	195	180	190
	12.89	123.20			555
Bhusawal					
Unit 2	4.08	37.48	175	165	170
Unit 3	4.13	50.58	185	165	170
Unit 4		0.00	0	0	
	8.20	88.07			340
Parli					
Unit 3	0.00	31.52	0	0	0
Unit 4	2.25	32.63	152	0	100
Unit 5	3.02	35.22	149	115	135
Unit 6	4.44	42.40	237	112	220
Unit 7	0.00	27.18	0	0	0
	9.71	168.94			455
Chandrapur					
Unit 1	3.84	29.66	163	155	160
Unit 2	3.69	44.30	159	143	150
Unit 3	4.08	28.37	186	151	190
Unit 4	0.08	37.69	50	0	0
Unit 5	8.80	111.56	395	330	375
Unit 6	9.10	111.67	435	299	400
Unit 7	9.11	113.73	435	330	375
	38.69	476.98			1650
Paras					
Unit 3	3.06	60.47	201	81	95
Unit 4	1.21	60.96	200	0	97
	4.27	121.43			192
Khaparkheda					
Unit 1	4.51	55.52	200	170	200
Unit 2	4.27	50.95	195	156	200
Unit 3	4.43	48.25	202	166	200
Unit 4	5.27	62.42	223	210	210
Unit 5		0.00	0	0	
	18.48	217.14			810
Nasik					
Unit 1	1.85	21.05	87	66	90
Unit 2	1.93	16.30	88	64	90
Unit 3	4.46	37.20	200	155	190
Unit 4	0.00	40.01	0	0	0
Unit 5	3.70	44.68	175	137	200
	11.95	159.25			570
Uran					
All Units	8.95	139.35	436	250	440
	8.95	139.35			440
Dabhol					
RGPPL	39.16	417.36	1677	1559	1570
	39.16	417.36			1570
Koyna					
Stage 1-2	1.80	30.72	230	35	600
Stage 4	0.61	30.92	222	0	250
Stage 3	0.48	14.13	140	0	320
	2.90	75.78			1170
Kovna 12&4 Total	2.41	61.65			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	1.77	0	0	0
VTRNA	0.64	5.54	61	0	60
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.30	3.51	41	0	41
RNGR+BHTSA	0.28	3.09	12	11	0
BHANDARDRA	0.52	7.41	22	21	30
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.32	2.54	20	10	17
GHATGHAR	1.80	7.09	250	0	0
	3.85	30.96			148
PENCH (MS)					
Pench (MS)	0.87	5.30	48	0	
	0.87	5.30			
Wind					
MalharPeth	0.56	3.47			
Vankuswadi	1.61	9.20			
ATIT	0.23	2.32			
Kale	0.54	4.22			
Satara	0.45	11.29			
Shirala	0.45	4.10			
K Mahankal	2.59	9.76			
Supa	0.37	2.04			
Vita	3.04	28.80			
Dondaicha	2.44	21.12			
Sakri	0.40	2.90			
Nandurbar	0.29	3.08			
Khandke	1.44	9.24			
Khaparale	0.40	2.87			
	14.81	114.41			
CPP					
JSW JAIGAD	14.81	175.17	679	581	635
WARDHA	8.66	91.97	408	302	380
Other CPPs	3.13	42.27			
	26.60	309.42			1015
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.17	136.62	440	380	490
Trombay 6	3.61	80.47	160	150	500
Trombay 7A	2.88	34.08	121	118	120
Trombay 7B	1.60	18.91	67	66	60
Trombay 8	5.09	65.44	250	150	250
TATA Hydro	0.15	46.99	80	0	447
	23.50	382.52			1867
REL					
1&2	11.10	139.03	524	260	500
	11.10	139.03			500
Cent Sect					
Share					3193
					3193

MS PG CL	Thermal	104.20	1355.02			4572
	Thml+Gas	113.15	1494.38			5012
	Hydro	6.75	106.73			1318
	Total	119.90	1601.11			6330
State Total		235.92	2969.15			14475

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 12/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	4696	87	415	5198	1646	487	1114	2996	2295	-538	-382	10405	1563	10405	1656	13624	49.61
2	4687	82	424	5193	1653	523	1117	2926	2192	-418	-286	10439	1421	10439	1530	13390	49.83
3	4639	92	430	5161	1677	470	1139	2878	2161	-370	-223	10432	1324	10432	1461	13217	50.00
4	4664	82	431	5177	1670	459	1066	2846	2020	-346	-170	10270	1340	10270	1407	13017	49.94
5	4526	82	428	5036	1660	492	1110	2798	2166	-298	-143	10369	1382	10369	1400	13151	49.96
6	4450	77	436	4963	1641	514	1120	2798	2447	-298	-90	10626	1433	10626	1456	13515	49.93
7	4476	87	432	4995	1648	553	1048	3082	2628	-320	-51	10821	1460	10850	1462	13743	50.08
8	4439	94	428	4961	1643	520	1036	3082	2933	-320	-105	10988	1437	10994	1492	13917	50.06
9	4360	135	420	4915	1633	573	1014	3082	2987	-320	-154	10968	1431	10968	1605	14004	49.95
10	4374	193	427	4994	1632	577	1082	3064	3216	-246	-247	11261	1462	11261	1748	14471	50.07
11	4315	193	412	4920	1626	566	1089	3264	3329	-343	-366	11187	1553	11187	1867	14607	49.98
12	4393	196	291	4880	1613	610	1110	3290	3561	-370	-378	11423	1523	11444	1878	14824	49.85
13	4378	507	250	5135	1611	586	1102	3290	3206	-370	-407	11281	1544	11324	1885	14710	49.81
14	4287	571	253	5111	1614	612	1108	3246	3414	-324	-343	11564	1539	11602	1871	14974	49.88
15	4271	525	250	5046	1610	514	1104	3115	3233	-302	-293	11262	1535	11290	1821	14618	49.73
16	4308	763	277	5348	1619	731	1095	2988	2843	-297	-273	11411	1462	11411	1812	14685	49.85
17	4298	392	317	5007	1622	716	1099	3004	3029	-315	-298	11223	1425	11223	1790	14438	50.00
18	4286	232	359	4877	1635	730	1114	2954	2703	-322	-308	10771	1759	10833	1802	14332	50.10
19	4121	185	282	4588	1559	891	1112	2810	2607	-378	-386	10418	2540	10418	1881	14839	50.00
20	4141	427	325	4893	1625	905	1155	2999	3121	-427	-468	11278	2788	11278	2021	16087	49.86
21	4082	758	410	5250	1633	730	1141	3200	3059	-488	-430	11430	2797	11430	2053	16280	49.72
22	4066	416	420	4902	1627	780	1166	3211	3019	-488	-432	11109	2797	11109	2036	15942	49.66
23	3960	337	413	4710	1629	698	1160	3121	2760	-509	-487	10517	2797	10517	1931	15245	49.67
24	3984	233	421	4638	1635	570	1196	2967	2563	-465	-353	10296	2511	10296	1798	14605	49.68
MUs	104.20	6.75	8.95	119.90	39.16	14.81	26.60	73.01	67.49	-8.87	-7.07	261.75	42.82	261.98	41.66	346.24	49.88

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 12/Jun/2011

Position as on 6.30 Hrs of 13/Jun/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.	20/07/2011
FORCED OUTAGE							
Cent_Sect TARAPUR-4	540	30/05/2011	20.00		Continued.	Survilence Test	14/06/2011
Uran Unit 8	108	06/06/2011	23.12		Continued.	Bus Bar Protection operated,as Y-Ph BKR pole of Uran U-5 burst.	
Parli Unit 7	250	08/06/2011	13.09		Continued.	Boiler Validity and GT Breaker work	
Cent_Sect NTPC(V-5)	210	10/06/2011	11:31	13/06/2011	04.12	Boiler Tube Leakage.	
REL 1	250	10/06/2011	13:17	12/06/2011	04.33	Boiler Tube Leakage.	
Chandrapur Unit 4	210	11/06/2011	00.15	12/06/2011	22.01	Super Heater Problem.	
Parli Unit 3	210	11/06/2011	12.21		Continued.	Cooling Tower Pipe Leakage.	
Nasik Unit 4	210	11/06/2011	21.15		Continued.	Condenser Tube Leakage.	14/06/2011
Paras Unit 4	250	12/06/2011	08.50		Continued.	BLR T/L.	15/06/2011
Uran Unit 5	108	12/06/2011	11.10	12/06/2011	16.05	Direct trip Bkr open.	
Parli Unit 4	210	12/06/2011	18.10	12/06/2011	23.27	AC Supply Problem.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 12/Jun/2011

Position as on 6.30 Hrs of 13/Jun/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Akola - Wardha - I	03/06/2011	00.17		Continued.	Over Voltage.
Dhule-Sar'Sarovar - I	11/06/2011	02.00		Continued.	Over Voltage.
Kolhapur - Mapusa - I	12/06/2011	00.02		Continued.	Over Voltage.
IntraState					
Voltage Level : 500KV			Outage Type PLANNED OUTAGE		
HVDC POLE - II	11/06/2011	22.12	12/06/2011	02.02	Replacement MCB of Cooling Fan.
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 315 MVA ICT @ Bhusawal	04/06/2011	10.02		Continued.	R Ph. L V Side Bushing Work.
400/220KV 315 MVA ICT-III @ Padgha	11/06/2011	20.59	12/06/2011	21.15	Due to Sparking on A Bus Isolator.ON TBC
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
Borivali-Mulund	17/05/2011	12.28		Continued.	Cable Termination work of 220KV Bhandup GIS Up to 20-06-2011.
Chandrapur-Warora - I	07/06/2011	09.40		Continued.	To control Warora-Wardha and Warora -Hinganghat Over loading.
Trombay-Tata Tie - I	12/06/2011	10.02	12/06/2011	12.30	Attending CVT Sec.problem.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
220/100KV,200MVA ICT-I at Borivali.	12/06/2011	10.35	12/06/2011	12.25	Attending Red Hot Spot.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	11/06/2011	17.55	12/06/2011	10.55	Over Voltage.
Lonikand- Koyna Stage IV	11/06/2011	21.46	12/06/2011	07.32	Over Voltage.
Bhusawal- Aurangabad	12/06/2011	20.46		Continued.	Over Voltage.
Lonikand- Koyna Stage IV	12/06/2011	21.51		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Bus Coupler @ WPCL	07/06/2011	17.22		Continued.	As being normally kept open.
Bale-Murud	11/06/2011	16.01		Continued.	To Control Parly ICT Loading.
Bale-Usmanabad	11/06/2011	16.01		Continued.	To Control Parly ICT Loading.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
Voltage Level : 400KV			Outage Type TRIPPED		
Karad - Kolhapur - I	09/06/2011	16.04		Continued.	Bus Fault @ 400KV Kolhapur S/S.
400/220KV 315 MVA ICT-I @ Padgha	11/06/2011	18.27	12/06/2011	04.03	Bucholz Trip.
400/220KV,500MVA ICT-III At Kalwa.	12/06/2011	15.40	12/06/2011	17.38	R-Ph OLTC Bucholz.
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)
220 KV Bus Section - I @ Apta	12/06/2011	07.25	12/06/2011	09.42	Y-Ph PT burst, Bus Bar protection operated.

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/Jun/2011

Position as on 6.30 Hrs of 13/Jun/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
220/100KV 200MVA T/F - I at Apta	12/06/2011	07.25	12/06/2011	10.16	Y-Ph PT burst,Bus Bar protection operated.
220/100KV 200MVA T/F-II @APTA	12/06/2011	07.25	12/06/2011	09.44	Y-Ph PT burst,Bus Bar protection operated.
220/100KV 200MVA ICT-III at Apta	12/06/2011	07.25	12/06/2011	07.50	Y-Ph PT burst,Bus Bar protection operated.
Apta-Uran-III	12/06/2011	07.25	12/06/2011	13.25	Y-Ph PT burst,Bus Bar protection operated.
Apta-Nagothane	12/06/2011	07.25	12/06/2011	13.27	Y-Ph PT burst,Bus Bar protection operated.
Apta - Taloja	12/06/2011	07.25	12/06/2011	13.28	Y-Ph PT burst,Bus Bar protection operated.
Apta-Uran-IV	12/06/2011	07.25	12/06/2011	17.06	Y-Ph PT burst,Bus Bar protection operated.
Babaleshwar - Nagar - II	13/06/2011	03.30	13/06/2011	03.57	Dist.Protection operated Z-I.
Voltage Level : 132KV			Outage Type TRIPPED		
Ujani-Umarga	12/06/2011	00.19	12/06/2011	00.49	Dist.Protection operated Z-I.
Ambazari - Amravati	12/06/2011	16.00	12/06/2011	16.20	Dist.Protection operated Z-I.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 13/Jun/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	175
Unit 6	210	175
Unit 7	210	185
	620	535
Bhusawal		
Unit 2	210	170
Unit 3	210	170
Unit 4	0	
	420	340
Parli		
Unit 3	210	0
Unit 4	210	115
Unit 5	210	145
Unit 6	250	110
Unit 7	250	0
	1130	370
Chandrapur		
Unit 1	210	160
Unit 2	210	150
Unit 3	210	190
Unit 4	210	170
Unit 5	500	325
Unit 6	500	325
Unit 7	500	325
	2340	1645
Paras		
Unit 3	250	83
Unit 4	250	0
	500	83
Khaparkheda		
Unit 1	210	200
Unit 2	210	180
Unit 3	210	180
Unit 4	210	210
Unit 5	0	
	840	770
Nasik		
Unit 1	120	55
Unit 2	120	73
Unit 3	210	147
Unit 4	210	0
Unit 5	210	155
	870	430
Uran		
All Units	852	425
	852	425
Dabhol		
RGPP	1940	1570
	1940	1570
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	0
BHTGR/VEER	21	0
BHIRA T.R.	80	41
RNGR+BHTSA	20	0
BHANDARDRA	45	30
ELDARY	23	0
SMLHY PTN	12	17
GHATGHAR	250	0
	611	148
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	730
WARDHA	405	380
Other CPPs	0	
	1005	1110
Tata		
Trombay 4	150	0
Trombay 5	500	490
Trombay 6	500	500
Trombay 7A	120	120
Trombay 7B	60	60
Trombay 8	250	250
TATA Hydro	444	447
	2024	1867
REL		
1&2	500	500
	500	500
Cent Sect		
Share	3455	3255
	3455	3255