



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

State Load Dispatch Center, Airoli

Daily system Report

for

13/Jun/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 13/Jun/2011 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	101.429	1456.452	1) Madhya Pradesh	64.655	768.989
2) Hydro	13.065	119.798	2) Gujrat	3.348	121.968
3) Gas	9.974	149.326	3) Goa	-6.616	-79.502
Total MSGENCO	124.468	1725.576	4) TAPS 1&2 (Inj.)	7.858	102.056
B) OTHERS			5) Pench (Excess)	-0.843	-6.145
1) RGPPL Gas	39.483	456.847	# Total Cent. Sector	68.402	907.366
2) Wind Generation	15.203	129.616	F) Other Exchanges		
3) CPP	29.613	339.029	1) With TPCL (Excess)	-8.259	-131.671
4) PENCH (MS)	0.843	6.145	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	14.486	225.272
1) TPCL Thermal	27.276	362.803	Include PX	0.000	0.000
2) TPCL Hydro	4.661	51.651	2) MUMBAI Bilateral	8.840	145.526
TOTAL TPCL	31.937	414.454	Include PX	-1.807	-7.244
3) REL Thermal	12.548	151.574	3) MUMBAI Schedule	8.840	145.526
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	141.253	1970.829	1) MSEDCL	269.753	3432.908
2) Hydro (A2+B3+C2)	18.569	177.594	2) TPCL	35.251	463.389
3) Gas (A3+B1)	49.457	606.173	3) REL	17.491	234.285
4) Wind (B2)	15.203	129.616	TOTAL STATE	322.495	4130.582
5) CPP (B3)	29.613	339.029			
TOTAL STATE	254.095	3223.241			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 21 Hrs	C. Night Minimum at 3 Hrs
MSGENCO Thermal	4228	4284	4053
MSGENCO Hydro	577	1025	83
MSGENCO Gas	400	396	430
MSGENCO Total Generation	5205	5705	4566
Central Sector Receipt	3305	3366	2250
RGPPL	1657	1650	1638
WIND	770	606	425
CPP	1200	1257	1272
Exchange with Mumbai	-546	-528	43
MSEDCL DEMAND MET	11616	12104	10241
Load Shedding (LS)	63	0	0
MSEDCL DEMAND (INCL. LS)	11679	12104	10241
TPCL GENERATION	1748	1399	988
REL GENERATION	524	521	523
TPCL+REL DEMAND	2818	2448	1468
STATE DEMAND MET	14434	14552	11709
Load Management (LM)	1665	2757	1324
Total Load Relief (LS+LM)	1728	2757	1324
UNRESTRICTED STATE DEMAND	16162	17309	13033
Frequency (Hz)	49.70	49.48	49.95

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 17.59 Hrs	49.11 Hz at 23.09 Hrs	49.72	1.25 % 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 13/Jun/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.88	37.79	173	140	175
Unit 6	4.25	52.68	186	166	175
Unit 7	4.16	45.02	195	135	185
	12.29	135.50			535
Bhusawal					
Unit 2	3.98	41.46	175	155	170
Unit 3	3.88	54.46	175	150	170
Unit 4		0.00	0	0	
	7.86	95.93			340
Parli					
Unit 3	0.00	31.52	0	0	0
Unit 4	2.13	34.76	109	66	115
Unit 5	2.79	38.01	155	0	145
Unit 6	2.80	45.19	201	52	110
Unit 7	1.49	28.68	181	0	0
	9.21	178.16			370
Chandrapur					
Unit 1	3.79	33.45	163	147	160
Unit 2	3.44	47.74	155	130	150
Unit 3	4.04	32.41	192	123	190
Unit 4	3.45	41.14	180	65	170
Unit 5	8.26	119.82	430	290	325
Unit 6	8.62	120.29	445	295	325
Unit 7	8.23	121.97	376	315	325
	39.83	516.81			1645
Paras					
Unit 3	1.95	62.42	168	68	83
Unit 4	0.00	60.96	0	0	0
	1.95	123.38			83
Khaparkheda					
Unit 1	4.57	60.08	205	165	200
Unit 2	4.35	55.30	194	155	180
Unit 3	4.52	52.78	202	175	180
Unit 4	5.24	67.66	224	180	210
Unit 5		0.00	0	0	
	18.68	235.82			770
Nasik					
Unit 1	1.90	22.95	94	55	55
Unit 2	1.93	18.23	88	63	73
Unit 3	4.06	41.26	190	145	147
Unit 4	0.00	40.01	0	0	0
Unit 5	3.72	48.40	176	129	155
	11.61	170.86			430
Uran					
All Units	9.97	149.33	437	396	425
	9.97	149.33			425
Dabhol					
RGPPL	39.48	456.85	1669	1610	1570
	39.48	456.85			1570
Koyna					
Stage 1-2	3.74	34.46	410	35	600
Stage 4	3.77	34.69	784	0	250
Stage 3	2.13	16.26	226	0	320
	9.64	85.42			1170
Kovna 12&4 Total	7.51	69.16			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.00	1.77	0	0	0
VTRNA	0.93	6.46	61	0	60
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.00	0.00	0	0	0
BHIRA T.R.	0.25	3.76	42	0	41
RNGR+BHTSA	0.21	3.30	12	0	0
BHANDARDRA	0.51	7.92	22	21	30
ELDARY	0.00	0.00	0	0	0
SMLHY PTN	0.33	2.87	21	11	17
GHATGHAR	1.21	8.30	250	0	0
	3.43	34.38			148
PENCH (MS)					
Pench (MS)	0.84	6.14	49	0	
	0.84	6.14			
Wind					
MalharPeth	0.76	4.24			
Vankuswadi	1.28	10.48			
ATIT	0.76	3.08			
Kale	0.47	4.69			
Satara	1.35	12.64			
Shirala	0.65	4.74			
K Mahankal	0.52	10.29			
Supa	0.37	2.40			
Vita	3.30	32.10			
Dondaicha	3.04	24.16			
Sakri	0.52	3.42			
Nandurbar	0.41	3.50			
Khandke	1.38	10.62			
Khaparale	0.38	3.26			
	15.20	129.62			
CPP					
JSW JAIGAD	17.78	192.96	799	541	730
WARDHA	8.87	100.84	393	304	380
Other CPPs	2.96	45.23			
	29.61	339.03			1110
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	9.84	146.46	475	300	490
Trombay 6	7.60	88.08	500	150	500
Trombay 7A	2.84	36.92	121	116	120
Trombay 7B	1.59	20.50	67	65	60
Trombay 8	5.41	70.85	250	150	250
TATA Hydro	4.66	51.65	432	0	447
	31.94	414.45			1867
REL					
1&2	12.55	151.57	524	521	500
	12.55	151.57			500
Cent Sect					
Share					3255
					3255

MS PG CL	Thermal	101.43	1456.45			4173
	Thml+Gas	111.40	1605.78			4598
	Hydro	13.06	119.80			1318
	Total	124.47	1725.58			5916
State Total		254.10	3223.24			14218

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 13/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	4104	123	432	4659	1630	570	1284	2813	2308	-327	-150	10348	1504	10348	1668	13520	49.65
2	4073	93	433	4599	1630	505	1297	2716	2295	-88	-22	10351	1376	10351	1532	13259	49.86
3	4053	83	430	4566	1638	425	1272	2665	2250	-88	43	10241	1324	10241	1468	13033	49.95
4	4058	78	433	4569	1646	471	1262	2613	2253	4	77	10325	1331	10325	1435	13091	49.99
5	4038	83	437	4558	1640	495	1220	2613	2264	4	114	10339	1380	10339	1395	13114	49.86
6	4130	88	429	4647	1644	559	1236	2827	2548	4	19	10689	1511	10702	1491	13691	49.82
7	4197	88	428	4713	1645	489	1212	3137	2732	-88	-191	10600	1769	10706	1609	13978	49.78
8	4259	316	430	5005	1655	590	1267	3149	2887	-130	-351	11053	1776	11166	1801	14630	49.92
9	4276	414	419	5109	1640	614	1280	3149	3119	-390	-470	11292	1778	11407	2135	15205	49.82
10	4215	718	408	5341	1634	784	1193	3266	3002	-465	-448	11508	1786	11642	2489	15783	49.77
11	4265	525	399	5189	1627	753	1127	3500	3109	-510	-529	11301	1822	11412	2731	15854	49.67
12	4228	577	400	5205	1657	770	1200	3532	3305	-543	-546	11616	1728	11679	2818	16162	49.70
13	4274	615	407	5296	1646	736	1238	3532	3347	-543	-534	11777	1697	11809	2775	16249	49.68
14	4251	706	400	5357	1629	787	1241	3485	3186	-494	-485	11763	1668	11766	2650	16081	49.58
15	4210	1146	397	5753	1610	734	985	3359	3217	-477	-501	11847	1514	11847	2692	16053	49.47
16	4264	1363	410	6037	1628	639	1181	3202	2751	-472	-492	11793	1464	11793	2726	15983	49.55
17	4277	1497	417	6191	1658	628	1276	3190	2636	-455	-481	11955	1424	11955	2646	16025	49.68
18	4372	602	418	5392	1665	769	1323	3191	2851	-451	-479	11541	1669	11541	2643	15853	49.85
19	4400	198	416	5014	1666	814	1293	3129	2856	-492	-455	11208	2490	11208	2543	16241	49.92
20	4360	848	408	5616	1653	617	1274	3303	3259	-508	-526	11941	2749	11941	2513	17203	49.62
21	4284	1025	396	5705	1650	606	1257	3422	3366	-734	-528	12104	2757	12104	2448	17309	49.48
22	4213	862	413	5488	1656	525	1289	3411	3080	-723	-522	11563	2757	11563	2295	16615	49.50
23	4281	696	411	5388	1669	668	1273	3203	2979	-444	-403	11621	2757	11621	2172	16550	49.58
24	4347	321	403	5071	1667	655	1133	3078	2802	-429	-399	10977	2500	10977	2069	15546	49.50
MUs	101.4 3	13.06	9.97	124.47	39.48	15.20	29.61	75.48	68.40	-8.84	-8.26	269.75	44.53	270.44	52.74	367.03	49.72

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 13/Jun/2011

Position as on 6.30 Hrs of 14/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.	Survillence Test	24/06/2011
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	13/06/2011	10.39	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.	
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
CPP JSW (J) U1	300	13/06/2011	13.44	13/06/2011	14.24	Furnace Pressure High.	
Parli Unit 5	210	13/06/2011	20.48		Continued.	Air Heater problem.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 13/Jun/2011

Position as on 6.30 Hrs of 14/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		
Main Bus-II at Pune(PG) Talegaon.	13/06/2011	11.00		Continued.	Bus Bar testing work.
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 - II	12/06/2011	00.02	13/06/2011	09.56	Over Voltage.
Kolhapur - Mapusa - I	13/06/2011	22.40		Continued.	Over Voltage.
IntraState					
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.
Padgha - Nagothane - I	13/06/2011	15.03	13/06/2011	18.43	Hot spot attending work.
Koradi - Kaparkheda	13/06/2011	16.59	13/06/2011	17.43	Filling of SF6 gas.(Ckt is 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.
Virur - Railway TSS-II	13/06/2011	09.20	13/06/2011	15.30	Replacement of LA.
Tilwani - Talandge - II	13/06/2011	10.36	13/06/2011	18.01	Q.M.Work.
Main Bus - II Talangde	13/06/2011	11.41		Continued.	Q.M.Work
Airoli-Knowledge park-Nasik	13/06/2011	12.40	13/06/2011	18.46	Testing work.
Gadchandur-Virur-I	13/06/2011	14.21	13/06/2011	17.18	Replacement of LA.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	12/06/2011	20.46	13/06/2011	07.17	Over Voltage.
Lonikand- Koyna Stage IV	12/06/2011	21.51	13/06/2011	07.42	Over Voltage.
Bhusawal- Aurangabad	14/06/2011	02.03		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.
Abhijeet-Wardha-I	13/06/2011	01.32	13/06/2011	02.10	H/T to control 220KV Wardha-Yawatmal loading.
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
Paras - Warwat Bakal	13/06/2011	09.25	13/06/2011	14.45	H/T for outage of 132KV Paras-Akola-I.
Paras-Akot	13/06/2011	09.59	13/06/2011	14.48	H/T for outage of 132KV Paras-Akola -I
Voltage Level : 400KV			Outage Type TRIPPED		
Karad - Kolhapur - I	09/06/2011	16.04		Continued.	Bus Fault @ 400KV Kolhapur S/S.
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).

State Load Dispatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 13/Jun/2011

Position as on 6.30 Hrs of 14/Jun/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
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)
Bhugaon-Pusad	13/06/2011	01.21	13/06/2011	02.05	Distance protection operated zone 1.
Babaleshwar - Nagar - II	13/06/2011	03.30	13/06/2011	03.57	Dist.Protection operated Z-I.
Babaleshwar - Nagar - I	13/06/2011	15.30	13/06/2011	15.57	Distance protection.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 14/Jun/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	165
Unit 6	210	165
Unit 7	210	190
	620	520
Bhusawal		
Unit 2	210	170
Unit 3	210	170
Unit 4	0	
	420	340
Parli		
Unit 3	210	0
Unit 4	210	60
Unit 5	210	0
Unit 6	250	84
Unit 7	250	184
	1130	328
Chandrapur		
Unit 1	210	150
Unit 2	210	130
Unit 3	210	150
Unit 4	210	150
Unit 5	500	330
Unit 6	500	350
Unit 7	500	400
	2340	1660
Paras		
Unit 3	250	200
Unit 4	250	0
	500	200
Khaparkheda		
Unit 1	210	200
Unit 2	210	200
Unit 3	210	210
Unit 4	210	210
Unit 5	0	
	840	820
Nasik		
Unit 1	120	90
Unit 2	120	90
Unit 3	210	190
Unit 4	210	0
Unit 5	210	180
	870	550
Uran		
All Units	852	400
	852	400
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	42
RNGR+BHTSA	20	14
BHANDARDRA	45	30
ELDARY	23	0
SMLHY PTN	12	0
GHATGHAR	250	
	611	146
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	800
WARDHA	405	380
Other CPPs	0	
	1005	1180
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	3387
	3455	3387