



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

State Load Dispatch Center, Airoli

Daily system Report

for

15/Mar/2011

State Load Dispatch Center, Airoli (MSETCL)
Daily system Report for 15/Mar/2011 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	134.233	2035.101	1) Madhya Pradesh	43.765	818.588
2) Hydro	29.893	314.033	2) Gujrat	29.550	447.123
3) Gas	11.624	212.124	3) Goa	-6.750	-97.446
Total MSGENCO	175.750	2561.258	4) TAPS 1&2 (Inj.)	3.897	69.659
B) OTHERS			5) Pench (Excess)	-0.254	-4.038
1) RGPPL Gas	30.019	439.046	# Total Cent. Sector	70.208	1233.886
2) Wind Generation	2.816	49.092	F) Other Exchanges		
3) CPP	27.464	362.548	1) With TPCL (Excess)	-9.660	-146.828
4) PENCH (MS)	0.254	4.038	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	12.289	216.567
1) TPCL Thermal	25.651	359.521	Include PX	0.000	0.000
2) TPCL Hydro	5.112	54.356	2) MUMBAI Bilateral	9.760	147.015
TOTAL TPCL	30.763	413.877	Include PX	1.027	26.905
3) REL Thermal	12.665	190.188	3) MUMBAI Schedule	9.760	147.015
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	172.549	2584.810	1) MSEDCL	296.851	4503.040
2) Hydro (A2+B3+C2)	35.259	372.427	2) TPCL	35.439	498.073
3) Gas (A3+B1)	41.643	651.170	3) REL	17.648	252.742
4) Wind (B2)	2.816	49.092	TOTAL STATE	349.938	5253.855
5) CPP (B3)	27.464	362.548			
TOTAL STATE	279.731	4020.047			

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW)

PARTICULARS	A. Morning Peak at 12 Hrs	B. Evening Peak at 20 Hrs	C. Night Minimum at 4 Hrs
MSGENCO Thermal	5556	5810	5479
MSGENCO Hydro	1851	1464	153
MSGENCO Gas	433	487	508
MSGENCO Total Generation	7840	7761	6140
Central Sector Receipt	3039	2975	2917
RGPPL	1242	1240	1211
WIND	146	117	194
CPP	1210	1206	1015
Exchange with Mumbai	-456	-533	-143
MSEDCL DEMAND MET	13021	12819	11334
Load Shedding (LS)	817	340	0
MSEDCL DEMAND (INCL. LS)	13838	13159	11334
TPCL GENERATION	1753	1537	822
REL GENERATION	528	527	529
TPCL+REL DEMAND	2737	2597	1494
STATE DEMAND MET	15758	15416	12828
Load Management (LM)	2205	3609	1627
Total Load Relief (LS+LM)	3022	3949	1627
UNRESTRICTED STATE DEMAND	18780	19365	14455
Frequency (Hz)	49.65	49.69	49.70

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 18.03 Hrs	49.11 Hz at 18.55 Hrs	49.63	.87 % 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 15/Mar/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	0.00	50.58	0	0	0
Unit 6	4.06	63.20	190	118	180
Unit 7	4.74	56.54	210	185	210
	8.80	170.32			390
Bhusawal					
Unit 2	3.76	60.34	175	140	157
Unit 3	3.82	65.70	190	0	179
Unit 4			0	0	
	7.59	126.05			336
Parli					
Unit 3	4.49	64.39	195	178	185
Unit 4	4.09	62.29	186	149	185
Unit 5	4.31	63.73	186	166	190
Unit 6	4.73	69.77	243	110	122
Unit 7	4.74	68.57	256	128	145
	22.36	328.74			827
Chandrapur					
Unit 1	3.89	58.23	169	152	165
Unit 2	3.94	59.61	171	157	165
Unit 3	4.59	36.58	200	182	195
Unit 4	4.38	66.55	195	160	190
Unit 5	11.44	171.79	495	455	490
Unit 6	11.18	166.65	475	444	480
Unit 7	10.53	163.76	475	352	425
	49.94	723.16			2110
Paras					
Unit 3	6.01	86.15	255	243	230
Unit 4	5.85	65.22	257	207	226
	11.86	151.37			456
Khaparkheda					
Unit 1	4.68	73.86	205	185	210
Unit 2	4.71	71.02	201	192	210
Unit 3	4.78	75.08	212	172	210
Unit 4	5.20	76.78	221	210	210
Unit 5			0	0	
	19.37	296.74			840
Nasik					
Unit 1	2.17	23.83	97	85	81
Unit 2	2.11	30.03	94	84	81
Unit 3	4.24	64.16	195	165	162
Unit 4	4.62	66.77	200	177	192
Unit 5	1.16	53.93	191	0	0
	14.31	238.72			516
Uran					
All Units	11.62	212.12	514	433	475
	11.62	212.12			475
Dabhol					
RGPPL	30.02	439.05	1403	1207	1380
	30.02	439.05			1380
Koyna					
Stage 1-2	6.12	62.35	565	35	600
Stage 4	13.82	134.45	1120	0	250
Stage 3	4.51	42.30	320	0	320
	24.45	239.10			1170
Kovna 12&4 Total	19.94	196.80			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.55	3.78	37	0	0
VTRNA	1.13	15.25	61	0	60
TILLARI	0.42	6.31	60	0	60
BHTGR/VEER	0.36	3.26	15	15	22
BHIRA T.R.	0.23	2.91	77	0	80
RNGR+BHTSA	0.38	5.52	16	16	16
BHANDARDRA	0.17	0.17	30	0	0
ELDARY	0.43	2.79	23	15	10
SMLHY PTN	0.94	14.70	39	39	11
GHATGHAR	0.83	20.24	125	0	0
	5.44	74.93			259
PENCH (MS)					
Pench (MS)	0.25	4.04	53	0	
	0.25	4.04			
Wind					
MalharPeth	0.27	1.79			
Vankuswadi	0.34	4.33			
ATIT	0.12	0.78			
Kale	0.09	1.63			
Satara	0.16	3.63			
Shirala	0.12	1.68			
K Mahankal	0.12	1.57			
Supa	0.11	1.78			
Vita	0.64	7.95			
Dondaicha	0.32	13.07			
Nandurbar	0.04	1.53			
Khandke	0.29	4.90			
Khaparale	0.12	2.16			
	2.74	46.80			
CPP					
JSW JAIGAD	13.72	165.81	605	506	550
WARDHA	7.89	106.52	363	258	366
Other CPPs	5.86	90.22			
	27.46	362.55			916
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	10.96	157.04	490	325	500
Trombay 6	4.78	71.45	400	150	500
Trombay 7A	2.86	43.64	125	114	120
Trombay 7B	1.61	24.18	69	66	60
Trombay 8	5.44	63.20	253	155	250
TATA Hydro	5.11	54.36	426	0	447
	30.76	413.88			1877
REL					
1&2	12.66	190.19	531	522	500
	12.66	190.19			500
Cent Sect					
Share					3377
					3377

MS PG CL	Thermal	134.23	2035.10			5475
	Thml+Gas	145.86	2247.22			5950
	Hydro	29.89	314.03			1429
	Total	175.75	2561.26			7379
State Total		279.73	4020.05			15429

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 15/Mar/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	5570	185	501	6256	1279	156	1017	3157	2272	-296	-270	10713	2747	10713	1776	15236	49.63
2	5576	186	504	6266	1359	151	1016	3109	2077	-246	-225	10644	2747	10644	1631	15022	49.78
3	5590	125	507	6222	1403	181	1012	3061	2492	-196	-171	11139	1977	11139	1546	14662	49.76
4	5479	153	508	6140	1211	194	1015	3038	2917	-171	-143	11334	1627	11334	1494	14455	49.70
5	5454	299	510	6263	1207	175	1016	3038	2931	-171	-144	11448	1727	11448	1494	14669	49.60
6	5484	711	514	6709	1223	160	1103	3035	2992	-171	-154	12033	2141	12033	1558	15732	49.56
7	5505	1115	511	7131	1241	138	1111	2968	2984	-129	-109	12496	2291	12526	1692	16479	49.72
8	5583	1433	511	7527	1246	106	1205	3031	3159	-196	-175	13068	2451	13258	1770	17289	49.74
9	5505	1977	497	7979	1252	75	1130	3001	3036	-346	-328	13144	2541	13424	2066	17751	49.62
10	5390	2160	488	8038	1251	109	1206	3049	3052	-394	-378	13278	2912	13932	2369	18559	49.61
11	5471	1876	475	7822	1245	134	1210	3057	3021	-397	-466	12966	3037	13765	2628	18631	49.56
12	5556	1851	433	7840	1242	146	1210	3094	3039	-421	-456	13021	3022	13838	2737	18780	49.65
13	5601	1828	451	7880	1241	110	1205	3240	3373	-694	-678	13131	3142	14068	2747	19020	49.64
14	5626	2068	457	8151	1239	74	1205	3152	3098	-646	-629	13138	2997	13930	2649	18784	49.68
15	5640	1911	456	8007	1234	90	1205	3200	3233	-694	-681	13088	2947	13929	2697	18732	49.57
16	5586	2007	463	8056	1249	53	1205	3272	3142	-718	-715	12990	2908	13792	2713	18611	49.47
17	5579	2012	466	8057	1234	73	1200	3248	3265	-694	-688	13141	2882	13939	2701	18724	49.54
18	5649	1850	479	7978	1234	100	1204	3103	3142	-598	-595	13063	2774	13968	2624	18461	49.60
19	5783	1334	482	7599	1238	108	1202	2906	2848	-477	-472	12537	3875	13290	2548	18960	49.71
20	5810	1464	487	7761	1240	117	1206	3028	2975	-525	-533	12819	3949	13159	2597	19365	49.69
21	5774	1284	481	7539	1239	93	1187	2978	2942	-455	-474	12579	3718	12688	2503	18800	49.57
22	5703	1204	475	7382	1245	78	1188	2822	2652	-291	-317	12281	3607	12281	2312	18200	49.67
23	5681	598	484	6763	1245	79	1133	2928	2891	-461	-477	11686	3605	11686	2189	17480	49.50
24	5638	262	484	6384	1222	116	1073	2804	2675	-370	-382	11114	3605	11114	2047	16766	49.56
MUs	134.2 3	29.89	11.62	175.75	30.02	2.82	27.46	73.32	70.21	-9.76	-9.66	296.85	69.23	305.90	53.09	419.17	49.63

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 15/Mar/2011

Position as on 6.30 Hrs of 16/Mar/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Cent_Sect Tarapur 2	80	04/03/2011	01.25		Continued.	Refueling Work.	04/04/2011
Dabhol 1B	230	15/03/2011	02.37		Continued.	Upgradation work	25/04/2011
FORCED OUTAGE							
Uran Unit 5	108	11/03/2011	01.35		Continued.	Filter replacement	16/03/2011
Dabhol 3A	230	12/03/2011	03.10	15/03/2011	00.45	Gas restriction.	
Koradi Unit 5	200	13/03/2011	09.26		Continued.	PA Fan Tripped	17/03/2011
Nasik Unit 5	210	14/03/2011	04.25	15/03/2011	15.50	HP Control Valve replacement	
Cent_Sect NTPC(V-8)	500	15/03/2011	08.06		Continued.	Boiler Tube Leakage.	17/03/2011
Bhusawal Unit 3	210	15/03/2011	08.40	15/03/2011	10.32	Low Drum Level.	

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/Mar/2011

Position as on 6.30 Hrs of 16/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Kalmeshwar - Pandurna	14/03/2011	11.18		Continued.	Relay Retrofitting Work for 4 days Outage.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Kolhapur-Mapusa-II	12/03/2011	23.03	15/03/2011	07.43	Over Voltage.
Akola - Wardha - I	14/03/2011	00.01	15/03/2011	07.24	Over Voltage
Dhule-Sar'Sarovar - II	14/03/2011	00.05	15/03/2011	06.51	Over Voltage
Dhule-Sar'Sarovar - I	14/03/2011	23.35		Continued.	Over Voltage
Kolhapur - Mapusa - I	15/03/2011	22.12		Continued.	Over Voltage.
Akola - Wardha - II	15/03/2011	23.50		Continued.	Over Voltage.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
400/220 KV 315 MVA ICT @ Akola	15/03/2011	08.15		Continued.	1)Maintenance of 220KV Interconnecting Tower Line (8 No Tower) of ICT (OF Differential Zone) 2) Replacement of 33KV PT No 3 of 33 KV Delta of ICT by New PT.3) Q.M.Work.
400/220 KV 315 MVA ICT - II @ Parli	15/03/2011	11.12		Continued.	Attending Hot Spot @ B Ph of 220 KV Side 29D Isolator.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 MonthOutage.)
220/100 KV125 MVA ICT-III @Trombay	06/01/2011	12.03		Continued.	Augmentation by New 200 MVA ICT up to 20.03.2011.
Borivali-Mulund	06/02/2011	22.17		Continued.	From Borivali end for strengthening Mumbai system up to 30.03.11
220/110 KV 100 MVA T/F - II @ Mudshingi	07/02/2011	15.12		Continued.	Augmentation by 200 MVA.up to 30/03/11
Tifil-Trombay	13/02/2011	09.50		Continued.	Stringing of New Ckt.Between loc.no.22-39 on Newly Erected
220/132 KV 150 MVA ICT-I @ Dhule	26/02/2011	10.55		Continued.	Repl.of 150MVA ICT by 200MVA ICT up to 31.03.2011
220/100KV 125 MVA ICT-II @ Kalwa	28/02/2011	11.10		Continued.	Augmetation to 200 MVA up to 31.03.2011.
220 KV TBC At Parbhani.	09/03/2011	10.30		Continued.	Breaker Overhaul.
Nasik-Padgha	11/03/2011	09.16		Continued.	Shifting of Towers at Talegaon
Raymond-Washala	11/03/2011	09.31		Continued.	Shifting of Towers at Talegaon.
Tarapur Zone-I	14/03/2011	09.37		Continued.	Refuelling work
Khaparkhedha - Kanhan - I	15/03/2011	06.56	15/03/2011	18.53	Replacement of Faulty Disc Insulator.
220/66 KV 150 MVA ICT- I @ Gadchandur	15/03/2011	09.17	15/03/2011	18.40	Replacement of L V Side R,Y,B Ph C T's.
Pedambe - Mahad	15/03/2011	09.19	15/03/2011	18.06	For Mahad Bus Section-II Outage.(R M)
Bus section- II @ Mahad	15/03/2011	09.30	15/03/2011	17.49	R.M.Work.
Mudshingi-Talandage-II	15/03/2011	09.47	15/03/2011	13.40	Replacement of Insulator.
220/100 KV 200 MVA ICT-II @ Apta	15/03/2011	11.05	15/03/2011	15.55	H V Side C T Oil Leakage.
Bhugaon-Pusad	15/03/2011	12.35		Continued.	Breaker Overhaul Work (3 Days) Ckt is on TBC.

State Load Dispatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 15/Mar/2011

Position as on 6.30 Hrs of 16/Mar/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Bale-Usmanabad	16/03/2011	05.54		Continued.	Mid Span Joint Work on Loc. 125-126.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Bhusawal - Nimbhora	15/03/2011	10.05	15/03/2011	17.22	Replacement of Two No. C T's Due to Higher Value of Tandelta.
Voltage Level : 220KV			Outage Type FORCED OUTAGE		
LV CB of 400/220 kV 315 MVA ICT-1 @ Parli	11/02/2011	22:43		Continued.	PDR problem (ICT LV side is on TBC)
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Karad - Kolhapur - I	15/03/2011	00.24	15/03/2011	07.31	Over Voltage
Bhusawal- Aurangabad	15/03/2011	20.01	16/03/2011	04.52	Over Voltage.
Karad - Kolhapur - II	15/03/2011	22.00		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Wardha-Abhijeet II	05/03/2011	07.49		Continued.	To control 220KV A'zari-AEPL loading.
Babaleshwar - Bhenda	05/03/2011	20.47		Continued.	For BBLSR ICT-I outage.
Alephata-Kathapur	06/03/2011	07.52		Continued.	To control Load on BBLSR ICT
Dhule-Chalisgaon	09/03/2011	10.40		Continued.	To Control Dhule ICT Loading.
Chandrapur-Warora - I	11/03/2011	21.53		Continued.	To control Warora-Hinganghat loading.
Aurangabad - Babaleshwar	13/03/2011	17.10		Continued.	To Control BBLSR ICT Load
Voltage Level : 132KV			Outage Type HAND TRIPPED		
Supa - Shirur	07/03/2011	15.15		Continued.	To control Lonikand ICT Load
Voltage Level : 100KV			Outage Type HAND TRIPPED		
Kalwa - Salshet - I	18/02/2011	10.56		Continued.	From Kalwa End
Voltage Level : 400KV			Outage Type TRIPPED		
Padgha - Kharghar	15/03/2011	12.17	15/03/2011	23.44	Dist.Prot. Y Ph E, Z-I.
Voltage Level : 220KV			Outage Type TRIPPED		
Kandalgaon - Pophali	15/03/2011	13.45	15/03/2011	22.16	Distance Protection.
Lote- Dasturi	15/03/2011	13.45	15/03/2011	14.50	Distance Protection.
Lote- Dasturi	15/03/2011	15.10	15/03/2011	18.10	Distance Protection.
Voltage Level : 132KV			Outage Type TRIPPED		
Nanded - Ardhapur	15/03/2011	08.20	15/03/2011	11.58	Due to Opening of B Ph Wave Trap Jumper.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 16/Mar/2011

Generating unit	Derated Capacity (MW)	OLC (MW)
Koradi		
Unit 5	200	0
Unit 6	210	180
Unit 7	210	200
	620	380
Bhusawal		
Unit 2	210	160
Unit 3	210	160
Unit 4	500	
	920	320
Parli		
Unit 3	210	170
Unit 4	210	185
Unit 5	210	165
Unit 6	250	240
Unit 7	250	230
	1130	990
Chandrapur		
Unit 1	210	165
Unit 2	210	165
Unit 3	210	200
Unit 4	210	190
Unit 5	500	470
Unit 6	500	480
Unit 7	500	480
	2340	2150
Paras		
Unit 3	250	250
Unit 4	250	250
	500	500
Khaparkheda		
Unit 1	210	200
Unit 2	210	205
Unit 3	210	180
Unit 4	210	220
Unit 5	500	
	1340	805
Nasik		
Unit 1	120	95
Unit 2	120	95
Unit 3	210	180
Unit 4	210	190
Unit 5	210	190
	870	750
Uran		
All Units	852	475
	852	475
Dabhol		
RGPP	960	1380
	960	1380
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	320
	1920	1170
Hydro		
KDPH	40	36

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	60
TILLARI	60	60
BHTGR/VEER	21	15
BHIRA T.R.	80	80
RNGR+BHTSA	20	16
BHANDARDRA	45	0
ELDARY	23	10
SMLHY PTN	12	35
GHATGHAR	250	0
	611	312
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	
Nandurbar	0	
Khandke	0	
Khaparale	0	
	0	
CPP		
JSW JAIGAD	300	550
WARDHA	135	366
Other CPPs	0	
	435	916
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	3143	3019
	3143	3019