



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

State Load Dispatch Center, Airoli

Daily system Report

for

15/May/2011

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSGENCO	Daily	Monthly	E) Central Sector	Daily	Monthly
1) Thermal	112.067	1759.315	1) Madhya Pradesh	63.902	918.535
2) Hydro	21.029	239.601	2) Gujrat	29.992	441.294
3) Gas	15.374	230.531	3) Goa	-5.905	-101.018
Total MSGENCO	148.470	2229.447	4) TAPS 1&2 (Inj.)	7.889	110.370
B) OTHERS			5) Pench (Excess)	-0.150	-2.159
1) RGPPL Gas	38.783	529.111	# Total Cent. Sector	95.728	1367.022
2) Wind Generation	7.823	174.807	F) Other Exchanges		
3) CPP	18.265	351.439	1) With TPCL (Excess)	-9.195	-168.692
4) PENCH (MS)	0.150	2.343	G) Bilateral Power *		
C) TPCL & REL			1) MSEDCL Bilateral	13.177	209.295
1) TPCL Thermal	25.063	411.698	Include PX	0.000	0.000
2) TPCL Hydro	0.044	47.961	2) MUMBAI Bilateral	9.850	183.664
TOTAL TPCL	25.107	459.659	Include PX	-1.209	-7.919
3) REL Thermal	12.436	187.360	3) MUMBAI Schedule	9.850	183.664
D) STATE			H) ENERGY CATERED (MUs)		
1) Thermal (A1+C1+C3)	149.566	2358.373	1) MSEDCL	300.024	4485.477
2) Hydro (A2+B3+C2)	21.223	289.905	2) TPCL	30.293	537.794
3) Gas (A3+B1)	54.157	759.642	3) REL	16.442	277.875
4) Wind (B2)	7.823	174.807	TOTAL STATE	346.759	5301.146
5) CPP (B3)	18.265	351.439			
TOTAL STATE	251.034	3934.166			

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	4531	4506	4801
MSGENCO Hydro	1449	615	386
MSGENCO Gas	641	643	649
MSGENCO Total Generation	6621	5764	5836
Central Sector Receipt	4620	4085	3742
RGPPL	1610	1618	1623
WIND	105	482	471
CPP	757	786	816
Exchange with Mumbai	-412	-511	-217
MSEDCL DEMAND MET	13311	12249	12271
Load Shedding (LS)	279	0	20
MSEDCL DEMAND (INCL. LS)	13590	12249	12291
TPCL GENERATION	1052	1126	1038
REL GENERATION	522	521	521
TPCL+REL DEMAND	1986	2158	1776
STATE DEMAND MET	15297	14407	14047
Load Management (LM)	2017	3511	1599
Total Load Relief (LS+LM)	2296	3511	1619
UNRESTRICTED STATE DEMAND	17593	17918	15666
Frequency (Hz)	49.90	49.94	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.39 Hz at 17.33 Hrs	49.36 Hz at 00.07 Hrs	49.94	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 15/May/2011

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Koradi					
Unit 5	3.87	60.33	172	149	165
Unit 6	4.19	65.20	185	161	170
Unit 7	4.14	64.79	185	160	165
	12.21	190.32			500
Bhusawal					
Unit 2	3.48	40.56	155	140	185
Unit 3	4.25	57.66	190	165	165
Unit 4		0.00	0	0	
	7.74	98.23			350
Parli					
Unit 3	3.28	53.33	180	89	172
Unit 4	3.39	45.68	175	112	174
Unit 5	0.00	43.46	0	0	0
Unit 6	3.67	58.02	224	86	165
Unit 7	0.95	69.43	214	0	140
	11.29	269.92			651
Chandrapur					
Unit 1	3.10	51.83	141	120	125
Unit 2	2.73	37.07	151	98	120
Unit 3	4.15	62.04	197	94	195
Unit 4	4.07	59.13	182	130	180
Unit 5	7.68	133.57	400	265	350
Unit 6	8.01	128.28	428	290	325
Unit 7	9.00	140.11	445	254	400
	38.73	612.02			1695
Paras					
Unit 3	4.84	59.46	213	193	210
Unit 4	5.64	68.78	252	219	230
	10.48	128.24			440
Khaparkheda					
Unit 1	4.82	67.18	210	195	200
Unit 2	4.70	66.78	200	186	200
Unit 3	0.00	0.00	0	0	0
Unit 4	5.28	77.02	223	216	210
Unit 5		0.00	0	0	
	14.80	210.98			610
Nasik					
Unit 1	2.00	27.90	91	75	90
Unit 2	1.82	29.60	92	47	90
Unit 3	4.52	65.54	195	180	190
Unit 4	4.31	62.28	200	160	190
Unit 5	4.16	64.29	207	130	180
	16.82	249.61			740
Uran					
All Units	15.37	230.53	653	586	620
	15.37	230.53			620
Dabhol					
RGPPL	38.78	529.11	1641	1589	1560
	38.78	529.11			1560
Koyna					
Stage 1-2	6.08	59.88	560	35	600
Stage 4	8.22	93.76	890	0	250
Stage 3	3.25	33.84	240	0	240
	17.55	187.47			1090
Kovna 12&4 Total	14.30	153.63			850

Generating unit	Generation				OLC (MW)
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)	
Hydro					
KDPH	0.41	5.92	17	17	18
VTRNA	0.00	0.00	0	0	0
TILLARI	0.00	0.00	0	0	0
BHTGR/VEER	0.31	3.20	13	13	5
BHIRA T.R.	0.14	2.46	44	0	80
RNGR+BHTSA	0.35	4.78	15	14	15
BHANDARDRA	0.75	11.52	32	30	35
ELDARY	0.48	3.90	21	20	0
SMLHY PTN	0.88	12.96	44	34	35
GHATGHAR	0.16	7.38	100	0	0
	3.48	52.13			188
PENCH (MS)					
Pench (MS)	0.15	2.34	26	0	
	0.15	2.34			
Wind					
MalharPeth	0.09	3.81			
Vankuswadi	0.43	9.88			
ATIT	0.17	2.02			
Kale	0.11	3.65			
Satara	0.14	6.81			
Shirala	0.29	3.79			
K Mahankal	0.21	5.70			
Supa	0.27	1.96			
Vita	1.05	14.23			
Dondaicha	2.66	81.26			
Sakri	0.67	12.93			
Nandurbar	0.58	10.27			
Khandke	0.71	9.40			
Khaparale	0.44	9.10			
	7.82	174.81			
CPP					
JSW JAIGAD	6.55	164.89	276	250	275
WARDHA	6.95	115.88	340	226	285
Other CPPs	4.77	70.36			
	18.26	351.13			560
Tata					
Trombay 4	0.00	0.00	0	0	0
Trombay 5	11.35	172.30	490	375	500
Trombay 6	4.22	89.51	200	150	500
Trombay 7A	2.88	43.16	121	118	120
Trombay 7B	1.58	23.73	67	65	60
Trombay 8	5.04	83.01	250	150	250
TATA Hydro	0.04	47.96	38	0	447
	25.11	459.66			1877
REL					
1&2	12.44	187.36	523	474	500
	12.44	187.36			500
Cent Sect					
Share					3176
					3176

MS PG CL	Thermal	112.07	1759.32		4986
	Thml+Gas	127.44	1989.85		5606
	Hydro	21.03	239.60		1278
	Total	148.47	2229.45		6884
State Total		251.03	3934.17		14557

State Load Dispatch Center,Airoli (MSETCL)

Hourly Load Data As on 15/May/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	5119	1545	649	7313	1612	418	773	2975	3034	-576	-552	12598	2231	12598	2171	17000	49.74
2	5039	1468	650	7157	1624	459	781	2790	2890	-391	-399	12512	2080	12512	1997	16589	49.88
3	4833	1349	650	6832	1627	341	798	2654	3005	-258	-256	12347	1520	12367	1824	15691	49.90
4	4801	386	649	5836	1623	471	816	2631	3742	-237	-217	12271	1619	12291	1776	15666	49.90
5	4828	370	651	5849	1625	407	760	2631	3783	-217	-173	12251	1761	12277	1731	15743	49.88
6	4754	677	653	6084	1635	339	797	2632	3690	-192	-168	12377	2020	12520	1750	16147	49.94
7	4871	532	650	6053	1640	209	730	3062	4119	-339	-255	12496	2255	12872	1700	16451	50.03
8	4922	509	647	6078	1641	150	714	3094	4431	-309	-290	12724	2204	13049	1681	16609	50.07
9	4937	612	653	6202	1640	146	752	3007	4357	-314	-306	12791	2181	13093	1748	16720	50.15
10	4884	710	651	6245	1632	60	793	3150	4758	-344	-332	13165	2243	13475	1840	17248	50.13
11	4738	1075	648	6461	1622	69	747	3330	4149	-387	-378	12696	2328	12994	1948	16972	50.03
12	4531	1449	641	6621	1610	105	757	3332	4620	-420	-412	13311	2296	13590	1986	17593	49.90
13	4316	1566	643	6525	1607	120	750	3337	4776	-426	-402	13376	2346	13706	1989	17711	49.94
14	4334	1276	637	6247	1596	261	760	3342	4437	-431	-384	12917	2336	13237	1982	17235	49.88
15	4329	1306	626	6261	1590	368	762	3277	4539	-409	-396	13124	2388	13477	1991	17503	49.82
16	4437	1656	626	6719	1592	277	716	3110	4032	-409	-398	12938	2299	13281	1995	17232	49.80
17	4495	850	630	5975	1594	530	731	3118	4404	-392	-373	12861	2221	13166	1968	17050	49.99
18	4568	223	638	5429	1589	444	722	3244	3988	-393	-372	11800	2299	11887	1960	16059	50.19
19	4618	176	637	5431	1617	562	697	3159	3468	-493	-359	11416	3273	11474	1895	16584	50.09
20	4562	755	639	5956	1613	404	736	3086	3944	-492	-496	12161	3500	12161	2096	17757	49.85
21	4506	615	643	5764	1618	482	786	3195	4085	-548	-511	12249	3511	12249	2158	17918	49.94
22	4548	456	639	5643	1614	495	782	3221	4007	-575	-524	12043	3511	12043	2170	17724	49.87
23	4564	490	638	5692	1611	314	800	3228	3834	-630	-598	11678	3511	11678	2185	17374	49.81
24	4533	978	586	6097	1611	392	805	3089	3636	-668	-644	11922	3130	11922	2197	17249	49.77
MUs	112.07	21.03	15.37	148.47	38.78	7.82	18.26	73.69	95.73	-9.85	-9.20	300.02	59.06	303.92	46.74	405.82	49.94

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/May/2011

Position as on 6.30 Hrs of 16/May/2011

Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE							
Dabhol 1B	230	15/03/2011	02.37		Continued.	Upgradation Work.	16/05/2011
Khaparkheda Unit 3	210	25/04/2011	02.51		Continued.	Annual overhaul.	25/05/2011
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
CPP JSW (J) U1	300	12/05/2011	00.24		Continued.	Annual Overhaul.	27/05/2011
Koyna Unit 10	80	13/05/2011	00.00		Continued.	Annual Overhaul	25/05/2011
FORCED OUTAGE							
Cent_Sect NTPC(K-7)	500	11/05/2011	01.15		Continued.	Fire in GT	21/05/2011
Parli Unit 5	210	13/05/2011	23.43		Continued.	H P Heater Tube Leakage.	18/05/2011
Parli Unit 7	250	15/05/2011	07.04		Continued.	Due to CHP Problem.	16/05/2011

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

Position as on 6.30 Hrs of 16/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronised Date	Synchronised Time	Reason of Outage
InterState					
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Tarapur - Borivali	15/05/2011	08.13	15/05/2011	17.15	Annual maintenance work.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Dhule - S'Sarovar- II	11/05/2011	22.57	15/05/2011	06.45	Over Voltage.
Dhule-Sar'Sarovar - I	15/05/2011	00.01		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
BOISER - PGCIL-II	15/05/2011	06.35	15/05/2011	06.48	To avail outage on Boiser'B' bus.
Voltage Level : 400KV			Outage Type TRIPPED		
Padgha - Talegaon (PG)	15/05/2011	02.42	15/05/2011	13.25	Distance Protection, Declared Faulty.
IntraState					
Voltage Level : 400KV			Outage Type PLANNED OUTAGE		
Padgha - Babaleshwar - II	15/05/2011	09.08	15/05/2011	21.00	Earth wire replacement work.
Voltage Level : 220KV			Outage Type PLANNED OUTAGE		
Babaleshwar - Chalisgaon	15/12/2010	13.42		Continued.	Conversion of S/C to D/C(6 Month Outage.)
Kharghar-Nerul	06/05/2011	09.32		Continued.	Dismantling and erection of towers(upto 04.06.2011)
Padgha - Kalwa	10/05/2011	09.30		Continued.	System strengthening work.
Temghar-Colourchem	10/05/2011	10.30		Continued.	Bunching of arrangement.
220/6.6 KV, 40 MVA Stn.T/F-III at Khaparkheda	10/05/2011	16.16		Continued.	Overhauling Work.
220/100KV 125 MVA ICT-I @ Kalwa	11/05/2011	08.45	15/05/2011	08.30	Replacement of Old 3 Core C T's by 5 Core C T's.
Kandalgaon - ONGC	14/05/2011	09.15	15/05/2011	23.21	Insulator Replacement Cross Arm Bent @ Loc.563.
Trombay-Salset-II	15/05/2011	07.10	15/05/2011	15.00	Cold line washing work.
B - Bus at Boiser	15/05/2011	08.06	15/05/2011	14.25	Isolator alignment of Versova line.
Versova-Boiser	15/05/2011	08.48	15/05/2011	14.17	Annual bay maintenance work.
Trombay-Mulund	15/05/2011	10.08	15/05/2011	15.19	Tan delta measurement of CTs.
Trombay - Salsett - I	15/05/2011	15.30	15/05/2011	19.00	Cold washing of insulators.
220/100 KV 200 MVA ICT II at Trombay	15/05/2011	15.30	15/05/2011	18.25	Tan delta measurement of CTs.
Voltage Level : 132KV			Outage Type PLANNED OUTAGE		
Parbhani-Parthur	15/05/2011	14.38	15/05/2011	20.44	For removing old civil structure near line isolator.
Voltage Level : 400KV			Outage Type FORCED OUTAGE		
400/220KV 105MVA Spare ICT @ Parly-II	22/04/2011	13.50		Continued.	To remove trip coil assembly for bus coupler.
Voltage Level : 400KV			Outage Type HAND TRIPPED		
Bhusawal- Aurangabad	14/05/2011	21.38	15/05/2011	07.52	Over Voltage.
Bhusawal- Aurangabad	15/05/2011	18.36		Continued.	Over Voltage.
Voltage Level : 220KV			Outage Type HAND TRIPPED		
Khaperkheda - Wardha.	02/05/2011	19.15		Continued.	To control Koradi ICT loading.
Ambazari - Abhijeet	02/05/2011	19.52		Continued.	To control Koradi ICT loading.
Wardha-Abhijeet II	05/05/2011	16.51		Continued.	To Control Koradi ICT Load.
Aurangabad - Babaleshwar	07/05/2011	07.32		Continued.	To control A'bad ICT loading.

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

Position as on 6.30 Hrs of 16/May/2011

Name of Line	Tripped Date	Tripped Time	Synchronise d Date	Synchronise d Time	Reason of Outage
Babaleshwar - Bhenda	12/05/2011	11.35		Continued.	To control BBLSR ICT Load
Chandrapur-Warora - I	14/05/2011	18.16		Continued.	To Control 220KV Warora-Hinganghat ckt Loading
Bale-Murud	15/05/2011	08.32		Continued.	To control Parli ICT loading.
Bale-Usmanabad	15/05/2011	08.32		Continued.	To control Parli 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 - II	15/05/2011	16.12	15/05/2011	17.06	Distance protection.
Karad-New Koyna II	15/05/2011	16.42	15/05/2011	17.00	Distance protection.
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.
Halkarni -Tillary	15/05/2011	02.46	15/05/2011	12.27	Distance Protection ,Declred Faulty.
Sahara-B'dying	15/05/2011	04.07	15/05/2011	06.15	Distance Protection.
Dondaicha - Jamde - I	15/05/2011	14.02		Continued.	Distance protection.
Dondaicha - Jamde - II.	15/05/2011	14.47	15/05/2011	15.48	Tripped on jerk.
Pedambe - Pophali - II	15/05/2011	19.24	16/05/2011	01.15	Single phasing.
Shendra-Jalna Ckt.	15/05/2011	19.37	15/05/2011	19.57	220KV TBC R ph.CT burst.
Aurangabad-Jalna-II	15/05/2011	19.37	16/05/2011	00.01	220KV R ph.CT burst.

State Load Dispatch Center,Airoli (MSETCL)

Details of On Line Capacity for 16/May/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	145
Unit 3	210	180
Unit 4	0	
	420	325
Parli		
Unit 3	210	140
Unit 4	210	140
Unit 5	210	0
Unit 6	250	200
Unit 7	250	0
	1130	480
Chandrapur		
Unit 1	210	140
Unit 2	210	100
Unit 3	210	200
Unit 4	210	180
Unit 5	500	350
Unit 6	500	400
Unit 7	500	435
	2340	1805
Paras		
Unit 3	250	200
Unit 4	250	230
	500	430
Khaparkheda		
Unit 1	210	210
Unit 2	210	210
Unit 3	210	0
Unit 4	210	210
Unit 5	0	
	840	630
Nasik		
Unit 1	120	81
Unit 2	120	81
Unit 3	210	172
Unit 4	210	182
Unit 5	210	182
	870	698
Uran		
All Units	852	620
	852	620
Dabhol		
RGPP	1940	1560
	1940	1560
Koyna		
Stage 1-2	600	600
Stage 4	1000	250
Stage 3	320	240
	1920	1090
Hydro		
KDPH	40	18

Generating unit	Derated Capacity (MW)	OLC (MW)
VTRNA	60	0
TILLARI	60	0
BHTGR/VEER	21	13
BHIRA T.R.	80	80
RNGR+BHTSA	20	14
BHANDARDRA	45	32
ELDARY	23	
SMLHY PTN	12	
GHATGHAR	250	
	611	157
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	275
WARDHA	405	330
Other CPPs	0	
	1005	605
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	3188
	3455	3188