



CENTRAL ELECTRICITY AUTHORITY
GRID OPERATION & DISTRIBUTION WING
OPERATION PERFORMANCE MONITORING DIVISION



OVERVIEW OF POWER GENERATION

GENERATION FOR 04-Feb-2010

CUMULATIVE From 1st. APRIL 2009 TILL DATE

ASKING RATE PER DAY FOR THE REMAINING PERIOD

PROGRAMME (MU)

2215.19

667905.56

2648.87

ACTUAL (MU)

2162.35

646805.50

QUICK LINKS

FOR THE DAY

[REGIONWISE OVERVIEW](#)

[SECTORWISE OVERVIEW](#)

[CENTRAL SECTOR GENERATION](#)

TILL DATE

[REGIONWISE OVERVIEW](#)

[SECTORWISE OVERVIEW](#)

[CENTRAL SECTOR GENERATION](#)

[STATE SECTOR GENERATION](#)

[PRIVATE SECTOR GENERATION](#)

[PLANT LOAD FACTORS](#)

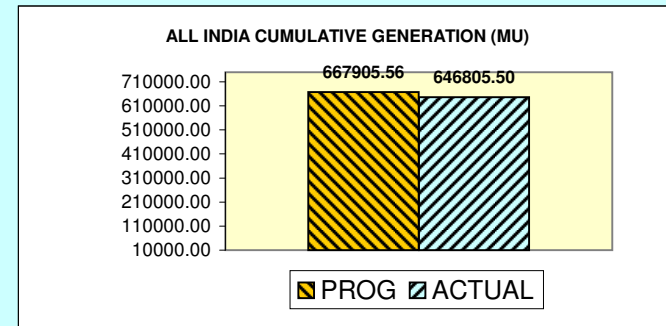
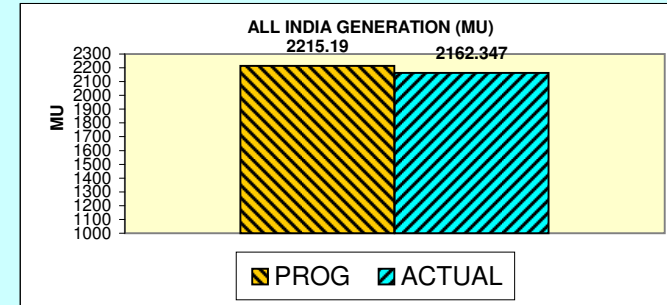
OUTAGES OF UNITS FOR CAPACITY = 250 MW AND ABOVE

NO OF UNITS

11

CAPACITY INVOLVED (MW)

3600



**CENTRAL ELECTRICITY AUTHORITY
REGIONWISE OVERVIEW OF POWER GENERATION FOR**

YEAR 2009-10

04-Feb-2010

ALL INDIA/ REGION	GENERATION			
	PROG. (MU)	ACTUAL (MU)	DEVIATION	
			(MU)	(%)
ALL INDIA				
THERMAL	1912.91	1889.05	-23.86	-1.25
NUCLEAR	59.43	62.15	2.72	4.58
HYDRO	234.96	207.34	-27.62	-11.75
BHUTAN IMP	7.89	3.81	-4.09	-51.77
TOTAL	2215.19	2162.35	-52.84	-2.39

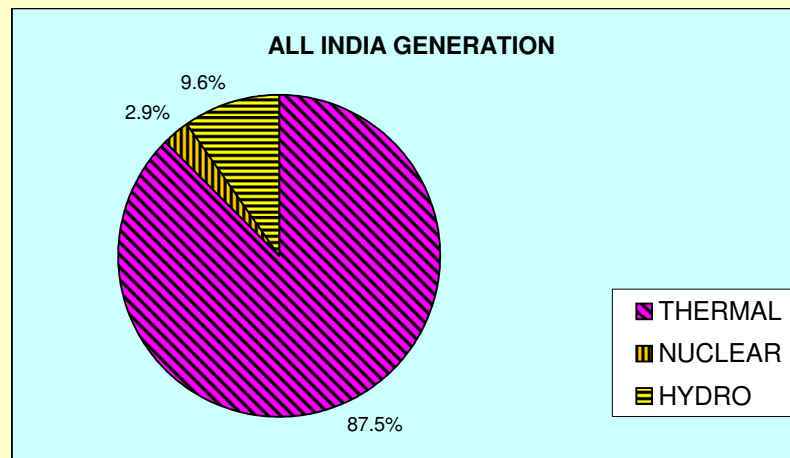
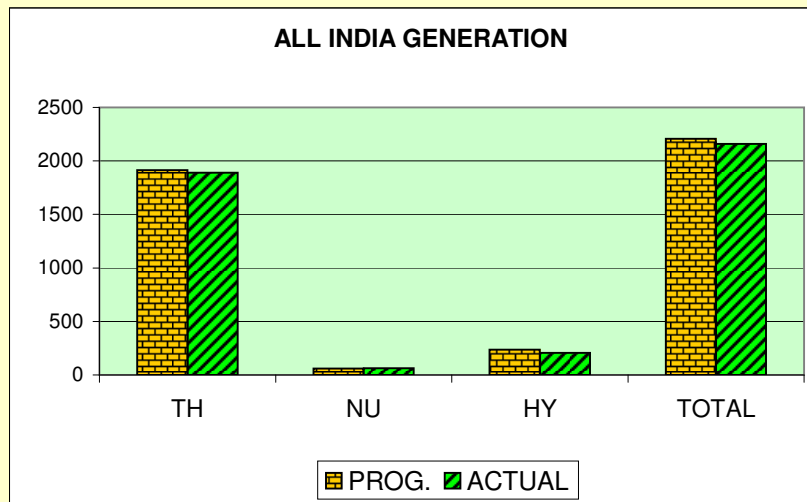
NORTHERN				
THERMAL	473.20	479.03	5.83	1.23
NUCLEAR	20.54	18.97	-1.57	-7.63
HYDRO	87.75	66.54	-21.21	-24.17
TOTAL	581.48	564.53	-16.95	-2.91

WESTERN				
THERMAL	637.48	661.20	23.73	3.72
NUCLEAR	22.39	28.03	5.64	25.18
HYDRO	40.03	33.45	-6.59	-16.45
TOTAL	699.90	722.68	22.78	3.25

SOUTHERN				
THERMAL	424.19	422.21	-1.98	-0.47
NUCLEAR	16.50	15.15	-1.35	-8.18
HYDRO	83.21	90.79	7.58	9.11
TOTAL	523.90	528.15	4.25	0.81

EASTERN				
THERMAL	365.87	313.23	-52.64	-14.39
NUCLEAR	0.00	0.00	0.00	0
HYDRO	17.93	12.63	-5.30	-29.54
TOTAL	383.80	325.86	-57.94	-15.10

NORTH EASTERN				
THERMAL	12.17	13.38	1.21	9.90
NUCLEAR	0.00	0.00	0.00	0
HYDRO	6.04	3.94	-2.10	-34.81
TOTAL	18.21	17.31	-0.90	-4.92



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**CENTRAL ELECTRICITY AUTHORITY
SECTORWISE OVERVIEW OF POWER GENERATION FOR**

ALL INDIA / REGION	GENERATION			
	PROG. (MU)	ACTUAL (MU)	DEVIATION	
			(MU)	(%)
ALL INDIA				
CENTRAL	883.68	921.06	37.38	4.23
STATE	1042.44	982.84	-59.61	-5.72
PRIVATE	81.30	69.44	-11.86	-14.59
IPPS	199.87	185.20	-14.67	-7.34
BHUTAN IMP	7.89	3.81	-4.09	-51.77
TOTAL	2215.19	2162.35	-52.84	-2.39

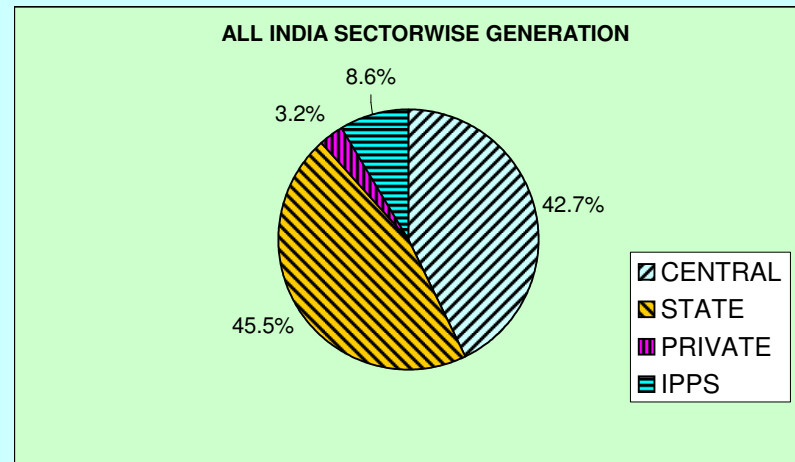
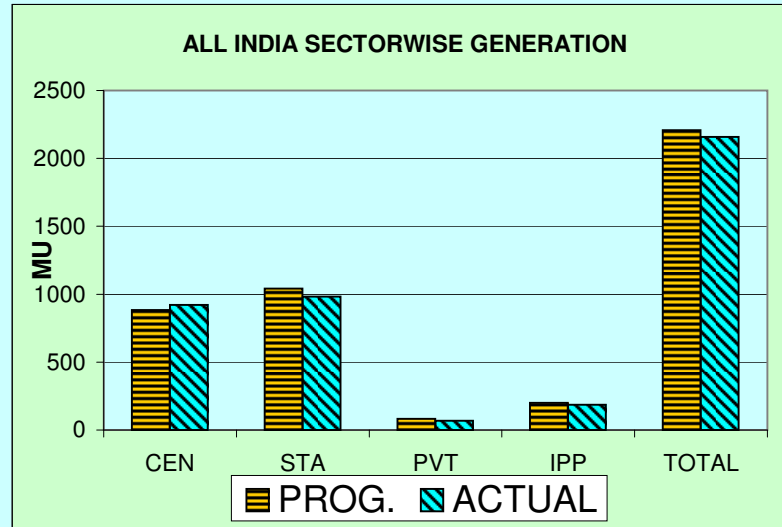
CENTRAL				
THERMAL	755.00	801.89	46.90	6.21
NUCLEAR	59.43	62.15	2.72	4.58
HYDRO	69.25	57.02	-12.24	-17.67
TOTAL	883.68	921.06	37.38	4.23

STATE				
THERMAL	886.41	841.42	-45.00	-5.08
NUCLEAR	0.00	0.00	0.00	0
HYDRO	156.03	141.42	-14.61	-9.36
TOTAL	1042.44	982.84	-59.61	-5.72

PRIVATE				
THERMAL	77.27	63.39	-13.87	-17.95
NUCLEAR	0.00	0.00	0.00	0
HYDRO	4.04	6.05	2.02	49.94
TOTAL	81.30	69.44	-11.86	-14.59

IPPS				
THERMAL	194.23	182.35	-11.88	-6.12
NUCLEAR	0.00	0.00	0.00	0
HYDRO	5.64	2.86	-2.79	-49.40
TOTAL	199.87	185.20	-14.67	-7.34

YEAR 2009-10
04-Feb-2010



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CENTRAL ELECTRICITY AUTHORITY
REGIONWISE OVERVIEW OF POWER GENERATION FOR
From 1st. APRIL 2009 TILL DATE

YEAR 2009-10
 04-Feb-2010

ALL INDIA/ REGION	ANNUAL TARGET (MU)	GENERATION			
		PROG. (MU)	ACTUAL (MU)	DEVIATION	
				(MU)	(%)
ALL INDIA					
THERMAL	648479.58	543546.45	533425.97	-10120.48	-1.86
NUCLEAR	19000.00	15691.71	15215.19	-476.52	-3.04
HYDRO	118450.00	102479.84	92897.38	-9582.46	-9.35
BHUTAN IMP	6564.00	6187.57	5266.96	-920.61	-14.88
TOTAL	792493.58	667905.56	646805.50	-21100.07	-3.16

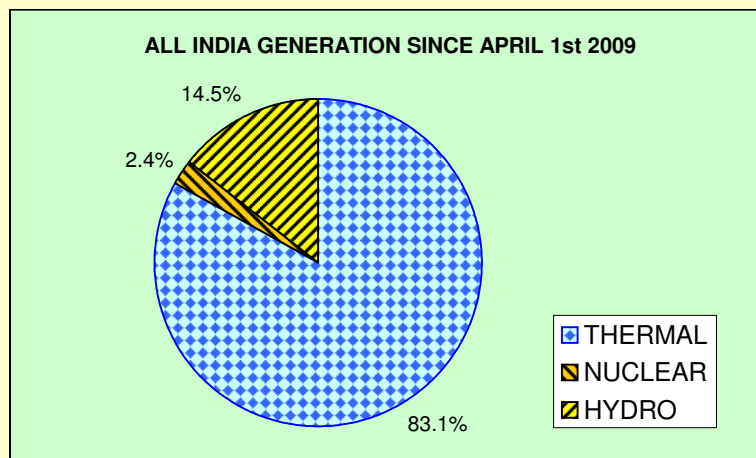
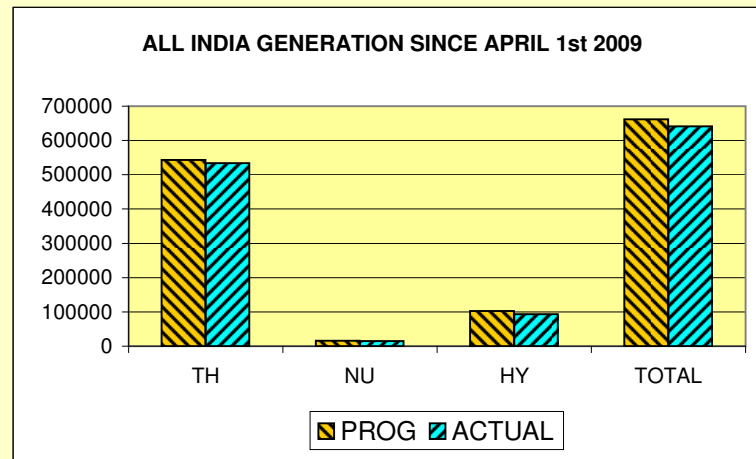
NORTHERN					
THERMAL	156716.69	131915.49	134688.72	2773.23	2.10
NUCLEAR	6310.00	5138.14	3210.34	-1927.80	-37.52
HYDRO	52289.00	47138.99	45095.67	-2043.33	-4.33
TOTAL	215315.69	184192.62	182994.73	-1197.89	-0.65

WESTERN					
THERMAL	225131.81	188631.62	187727.24	-904.38	-0.48
NUCLEAR	7750.00	6519.57	7532.81	1013.24	15.54
HYDRO	16116.00	14047.14	11736.18	-2310.96	-16.45
TOTAL	248997.81	209198.32	206996.23	-2202.09	-1.05

SOUTHERN					
THERMAL	141145.26	117646.69	119536.79	1890.10	1.61
NUCLEAR	4940.00	4034.00	4472.04	438.04	10.86
HYDRO	32324.00	27803.84	25293.80	-2510.04	-9.03
TOTAL	178409.26	149484.53	149302.63	-181.90	-0.12

EASTERN					
THERMAL	121328.72	101862.46	87732.69	-14129.77	-13.87
NUCLEAR	0.00	0.00	0.00	0.00	0
HYDRO	10310.00	9386.72	7418.25	-1968.47	-20.97
TOTAL	131638.72	111249.18	95150.94	-16098.24	-14.47

NORTH EASTERN					
THERMAL	4157.10	3490.20	3740.53	250.34	7.17
NUCLEAR	0.00	0.00	0.00	0.00	0
HYDRO	4429.00	4103.14	3353.48	-749.66	-18.27
TOTAL	8586.10	7593.34	7094.02	-499.33	-6.58



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From 1st. APRIL 2009 TILL DATE

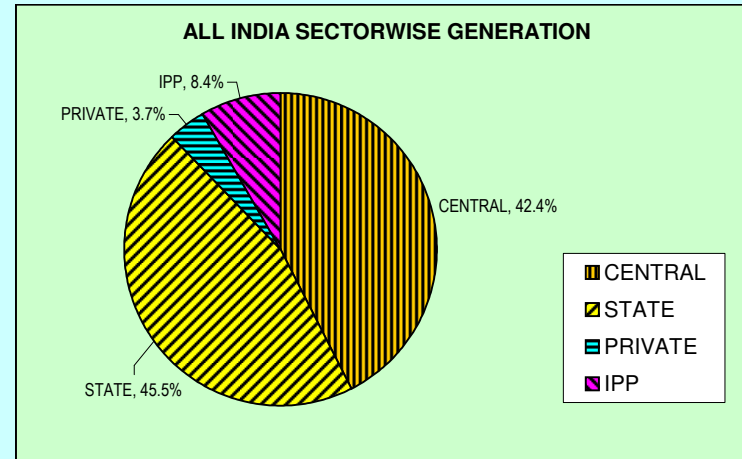
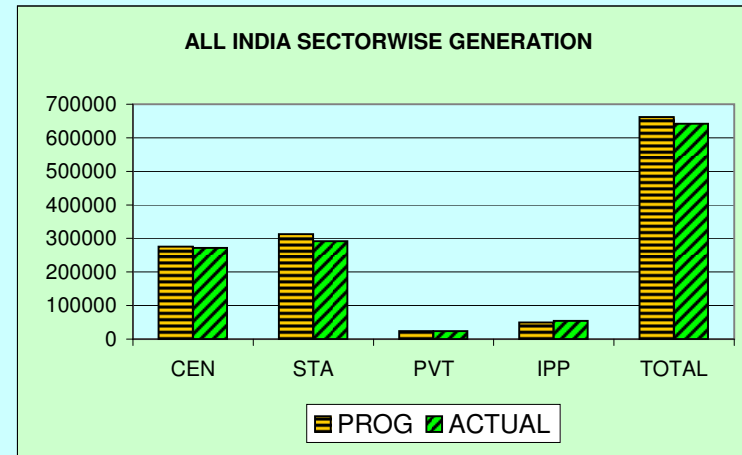
	ANNUAL TARGET (MU)	PROG. (MU)	ACTUAL (MU)		
				(MU)	(%)
ALL INDIA					
CENTRAL	323387.24	275875.16	271800.04	-4075.11	-1.48
STATE	370315.47	312392.04	291991.60	-20400.43	-6.53
PRIVATE	28486.04	23884.39	23694.25	-190.13	-0.80
IPPS	60758.83	49566.41	54052.64	4486.23	9.05
BHUTAN IMP	6564.00	6187.57	5266.96	-920.61	-14.88
TOTAL	773044.00	667905.56	646805.50	-21100.07	-3.16

CENTRAL					
THERMAL	261148.24	221049.44	219987.67	-1061.77	-0.48
NUCLEAR	19000.00	15691.71	15215.19	-476.52	-3.04
HYDRO	43239.00	39134.01	36597.18	-2536.83	-6.48
TOTAL	323387.24	275875.16	271800.04	-4075.11	-1.48

STATE					
THERMAL	303192.47	253605.92	240684.47	-12921.44	-5.10
NUCLEAR	0.00	0.00	0.00	0.00	0
HYDRO	67123.00	58786.12	51307.13	-7478.99	-12.72
TOTAL	370315.47	312392.04	291991.60	-20400.43	-6.53

PRIVATE					
THERMAL	26938.04	22576.25	22399.40	-176.84	-0.78
NUCLEAR	0.00	0.00	0.00	0.00	0
HYDRO	1548.00	1308.14	1294.85	-13.29	-1.02
TOTAL	28486.04	23884.39	23694.25	-190.13	-0.80

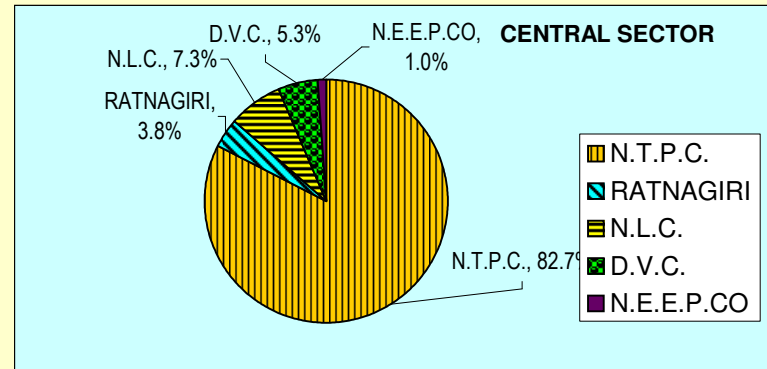
IPPS					
THERMAL	57200.83	46314.84	50354.42	4039.57	8.72
NUCLEAR	0.00	0.00	0.00	0.00	0
HYDRO	3558.00	3251.57	3698.23	446.66	13.74
TOTAL	60758.83	49566.41	54052.64	4486.23	9.05



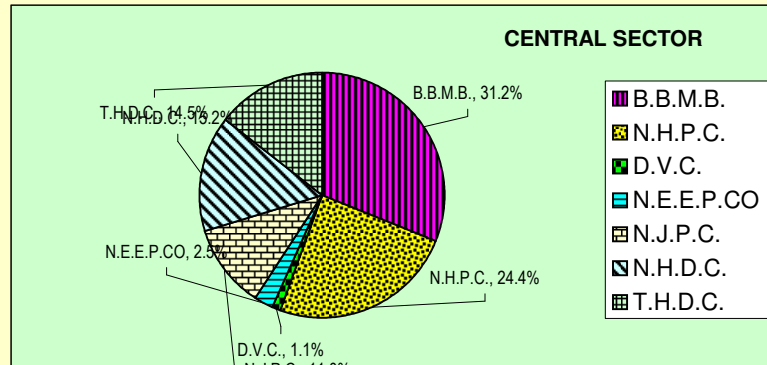
**CENTRAL ELECTRICITY AUTHORITY
GENERATION BY CENTRAL SECTOR UTILITIES FOR**

YEAR 2009-10
04-Feb-2010

AGENCY	GENERATION			
	PROG. (MU)	ACTUAL (MU)	DEVIATION	
			(MU)	(%)
THERMAL				
N.T.P.C.	598.66	662.21	63.56	10.62
RATNAGIRI	24.61	30.37	5.76	23.42
N.L.C.	51.18	58.11	6.93	13.54
D.V.C.	67.46	42.20	-25.26	-37.44
N.E.E.P.CO	6.43	7.76	1.33	20.73
TOTAL	748.34	800.66	52.32	6.99



HYDRO				
B.B.M.B.	19.68	17.79	-1.89	-9.61
N.H.P.C.	20.32	13.94	-6.38	-31.40
D.V.C.	0.36	0.64	0.29	79.83
N.E.E.P.CO	3.57	1.42	-2.15	-60.13
N.J.P.C.	6.04	6.27	0.23	3.83
N.H.D.C.	9.68	8.69	-0.99	-10.22
T.H.D.C.	9.61	8.27	-1.34	-13.97
TOTAL	69.25	57.02	-12.24	-17.67



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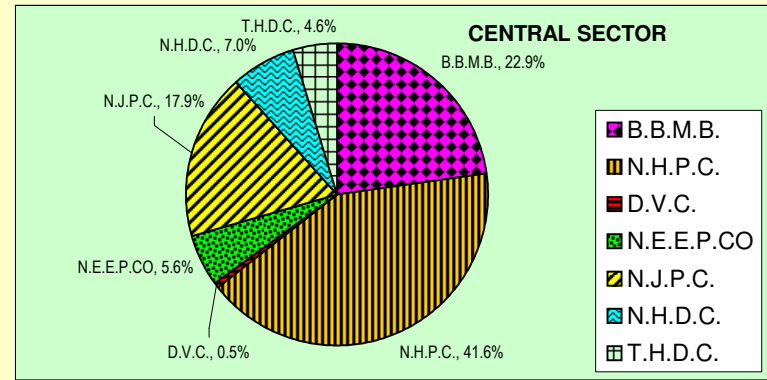
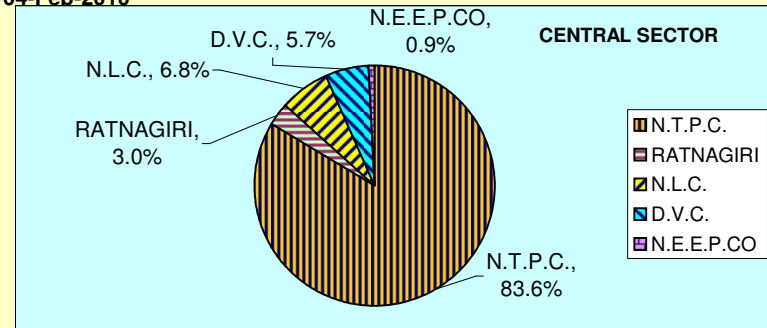
**CENTRAL ELECTRICITY AUTHORITY
GENERATION BY CENTRAL SECTOR UTILITIES FOR**

From 1st. APRIL 2009 TILL DATE

**YEAR 2009-10
04-Feb-2010**

AGENCY	ANNUAL TARGET (MU)	GENERATION			
		PROG. (MU)	ACTUAL (MU)	DEVIATION	
				(MU)	(%)
THERMAL					
N.T.P.C.	210292.00	178867.96	183004.69	4136.72	2.31
RATNAGIRI	9600.00	8227.43	6515.38	-1712.05	-20.81
N.L.C.	16445.00	13633.72	14896.94	1263.22	9.27
D.V.C.	20620.00	16858.85	12372.93	-4485.92	-26.61
N.E.E.P.CO	2286.00	1923.72	2051.79	128.08	6.66
TOTAL	259243.00	219511.68	218841.73	-669.95	-0.31

HYDRO					
B.B.M.B.	10500.00	9429.72	8378.97	-1050.74	-11.14
N.H.P.C.	16675.00	15246.29	15215.70	-30.59	-0.20
D.V.C.	325.00	310.43	171.53	-138.90	-44.74
N.E.E.P.CO	3001.00	2801.29	2033.55	-767.74	-27.41
N.J.P.C.	6400.00	6021.14	6560.88	539.73	8.96
N.H.D.C.	3488.00	2965.72	2567.29	-398.43	-13.43
T.H.D.C.	2850.00	2359.43	1669.26	-690.17	-29.25
TOTAL	43239.00	39134.01	36597.18	-2536.83	-6.48

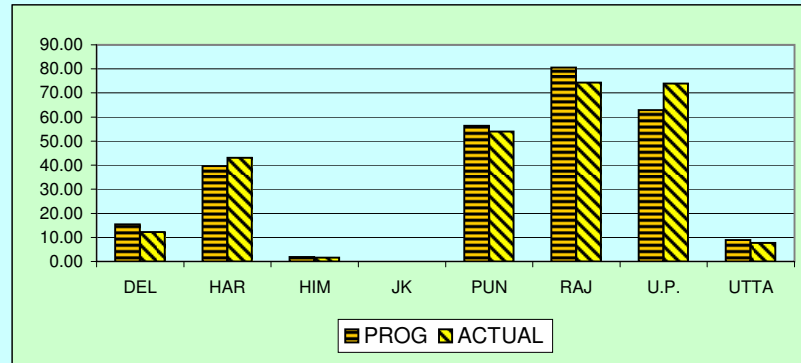


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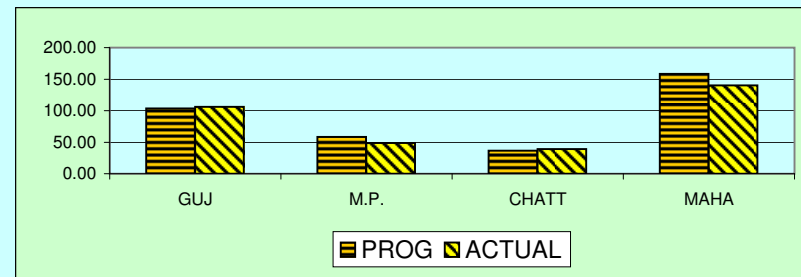
**CENTRAL ELECTRICITY AUTHORITY
GENERATION BY STATE SECTOR UTILITIES FOR**

**YEAR 2009-10
04-Feb-2010**

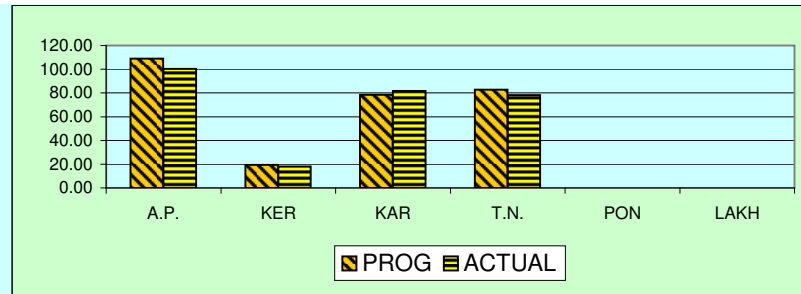
AGENCY	GENERATION			
	PROG. (MU)	ACTUAL (MU)	DEVIATION	
			(MU)	(%)
ALL INDIA	1042.44	982.84	-59.61	-0.06
NORTHERN				
DELHI	15.46	12.27	-3.19	-20.62
HARYANA	39.68	43.02	3.34	8.42
HIMACHAL	1.82	1.61	-0.21	-11.70
JK	0.00	0.00	0.00	0
PUNJAB	56.43	54.01	-2.42	-4.29
RAJASTHAN	80.54	74.36	-6.18	-7.67
UTTAR PRADESH	62.89	73.96	11.07	17.59
UTTARAKHAND	8.93	7.73	-1.20	-13.43
TOTAL	265.75	266.96	1.21	0.45



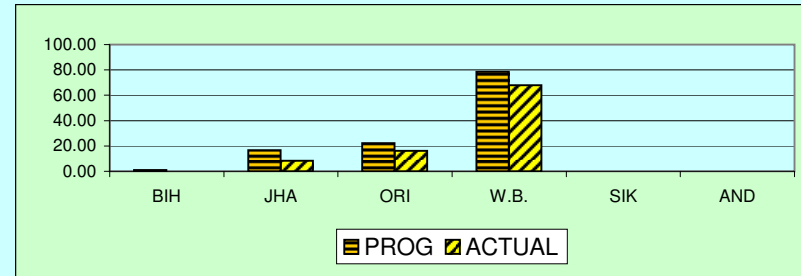
WESTERN				
GUJARAT	103.68	105.91	2.23	2.15
MADHYA PRADESH	58.36	48.98	-9.38	-16.07
CHHATTISGARH	36.61	38.86	2.25	6.15
MAHARASHTRA	158.15	140.05	-18.10	-11.44
TOTAL	356.79	333.80	-22.99	-6.44



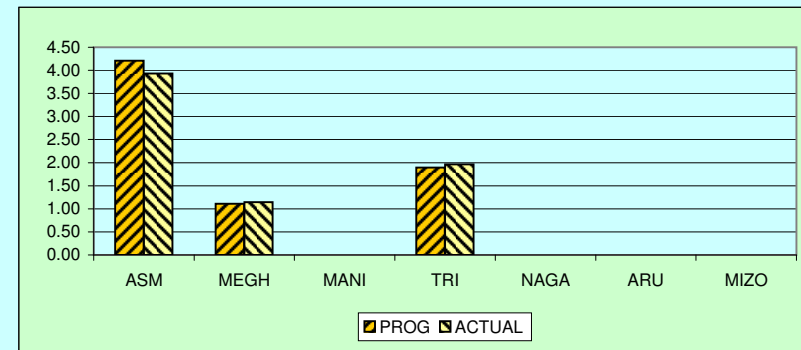
SOUTHERN				
ANDHRA PRADESH	108.85	100.35	-8.50	-7.80
KERALA	19.37	18.09	-1.28	-6.60
KARNATAKA	78.53	81.83	3.30	4.20
TAMIL NADU	82.81	78.09	-4.72	-5.70
PUDUCHURU	0.00	0.00	0.00	0
LAKSHADWEEP	0.00	0.08	0.08	0
TOTAL	289.55	278.44	-11.11	-3.84



EASTERN				
BIHAR	1.07	0.00	-1.07	-100.00
JHARKHAND	16.75	8.22	-8.53	-50.95
ORISSA	22.11	16.26	-5.85	-26.46
WEST BANGAL	78.61	67.99	-10.62	-13.51
SIKKIM	0.00	0.12	0.12	0
ANDAMAN NICOBAR	0.00	0.00	0.00	0
TOTAL	118.53	92.58	-25.96	-21.90



NORTH EASTERN				
ASSAM	4.21	3.93	-0.28	-6.68
MEGHALAYA	1.11	1.15	0.04	3.52
MANIPUR	0.00	0.00	0.00	0
TRIPURA	1.89	1.97	0.07	3.80
NAGALAND	0.00	0.00	0.00	0
ARUNACHAL	0.00	0.00	0.00	0
MIZORAM	0.00	0.00	0.00	0
TOTAL	7.21	7.04	-0.17	-2.36

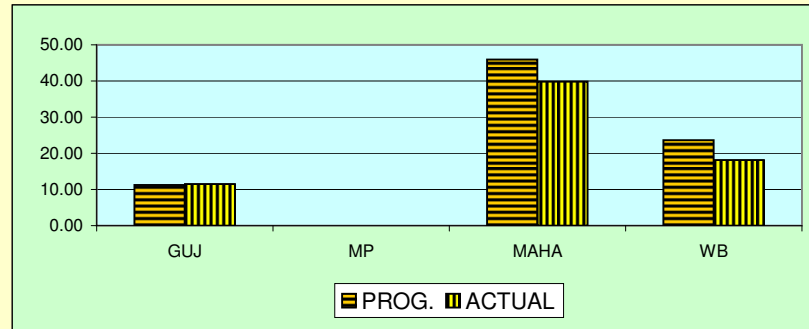


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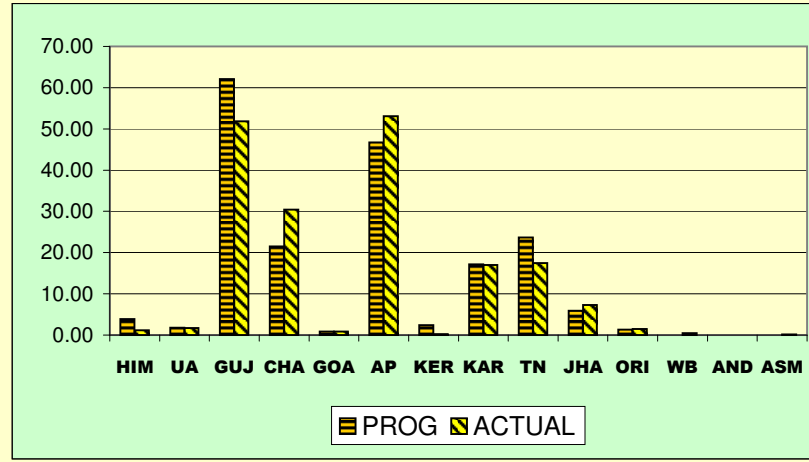
**CENTRAL ELECTRICITY AUTHORITY
GENERATION BY PRIVATE SECTOR PROJECTS FOR**

**YEAR 2009-10
04-Feb-2010**

AGENCY	GENERATION			
	PROG. (MU)	ACTUAL (MU)	DEVIATION	
			(MU)	(%)
PVT SECTOR UTILITIES				
GUJARAT	11.20	11.53	0.33	2.97
MADHYA PRADESH	0.00	0.00	0.00	0
MAHARASHTRA	45.93	39.79	-6.14	-13.36
WEST BANGAL	23.61	18.12	-5.48	-23.23
TOTAL	80.73	69.44	-11.29	-13.98



IPPS				
HIMACHAL	3.89	1.15	-2.74	-70.48
UTTARAKHAND	1.75	1.68	-0.07	-4.23
GUJARAT	62.12	51.85	-10.27	-16.53
CHHATTISGARH	21.49	30.40	8.91	41.45
GOA	0.88	0.86	-0.02	-2.05
ANDHRA PRADESH	46.74	53.09	6.35	13.58
KERALA	2.39	0.26	-2.13	-89.13
KARNATAKA	17.14	17.02	-0.12	-0.72
TAMIL NADU	23.64	17.47	-6.18	-26.13
JHARKHAND	5.93	7.32	1.39	23.51
ORISSA	1.32	1.44	0.12	8.78
WEST BANGAL	0.00	0.50	0.50	0
ANDAMAN NICOBAR	0.00	0.00	0.00	0
ASSAM	0.00	0.19	0.19	0
TOTAL	187.30	183.21	-4.08	-2.18



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**CENTRAL ELECTRICITY AUTHORITY
PLANT LOAD FACTORS FOR**

YEAR 2009-10

ALL INDIA/ REGION	Jan 10		April 09-Jan 10	
	PROG.	ACTUAL	PROG.	ACTUAL
	(%)	(%)	(%)	(%)
ALL INDIA				
THERMAL	78.62	80.05	76.86	76.64
NUCLEAR	53.96	50.74	49.62	49.46

NORTHERN				
THERMAL	81.19	85.03	77.48	82.15
NUCLEAR	63.76	47.74	53.85	36.13

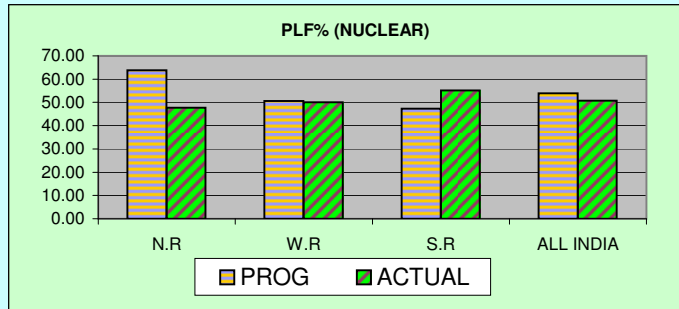
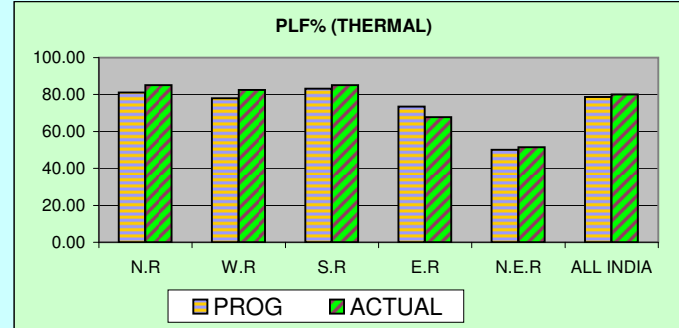
WESTERN				
THERMAL	78.00	82.49	78.53	78.67
NUCLEAR	50.62	50.02	47.58	54.92

SOUTHERN				
THERMAL	83.22	85.13	80.84	82.90
NUCLEAR	47.35	55.17	48.14	54.61

EASTERN				
THERMAL	73.44	67.74	71.12	63.43

NORTH EASTERN				
THERMAL	50.12	51.52	51.28	49.33

Best PLF for Jan 10 **DAHANU TPS (105.07)**
 Best PLF for Jan 09 **RIHAND STPS (104.5)**



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