



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



OVERVIEW OF POWER GENERATION

GENERATION FOR 21-Jan-2010

CUMULATIVE From 1st. APRIL 2009 TILL DATE

ASKING RATE PER DAY FOR THE REMAINING PERIOD

PROGRAMME (MU)

2175.12

637129.38

2554.89

ACTUAL (MU)

2144.33

616206.13

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](#)

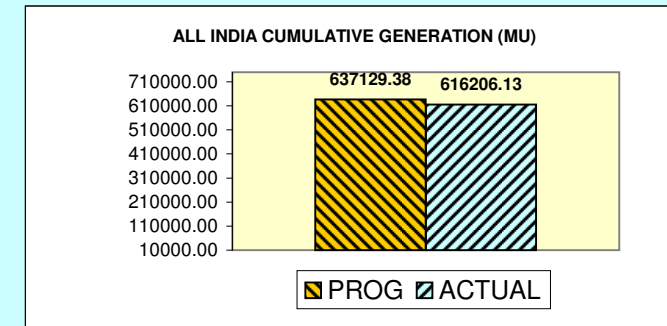
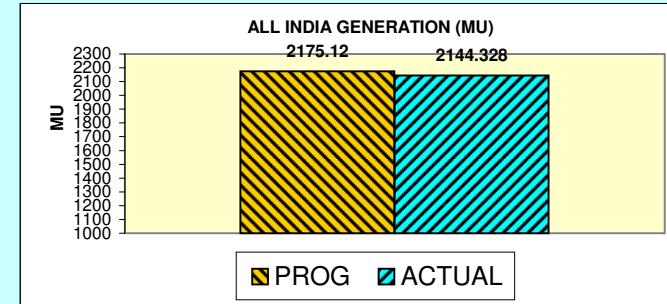
OUTAGES OF UNITS FOR CAPACITY = 250 MW AND ABOVE

NO OF UNITS

8

CAPACITY INVOLVED (MW)

2600



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

YEAR 2009-10

21-Jan-2010

ALL INDIA/ REGION	GENERATION			
	PROG. (MU)	ACTUAL (MU)	DEVIATION	
			(MU)	(%)
ALL INDIA				
THERMAL	1859.60	1869.74	10.14	0.55
NUCLEAR	60.62	55.14	-5.48	-9.04
HYDRO	244.07	215.38	-28.69	-11.75
BHUTAN IMP	10.84	4.07	-6.77	-62.45
TOTAL	2175.12	2144.33	-30.79	-1.42

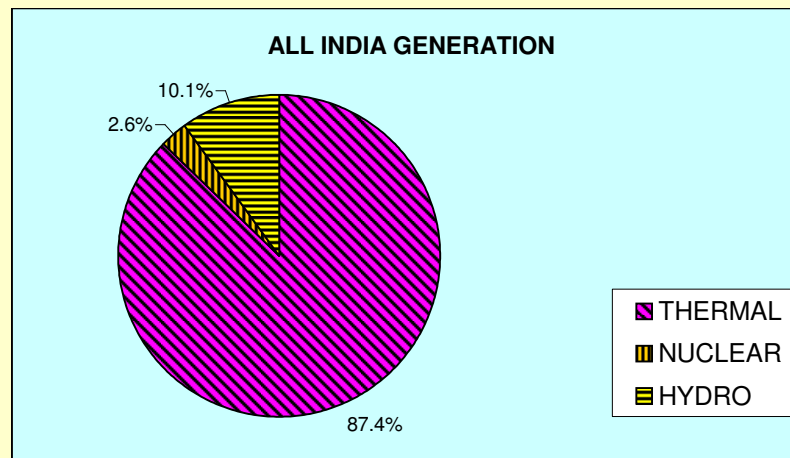
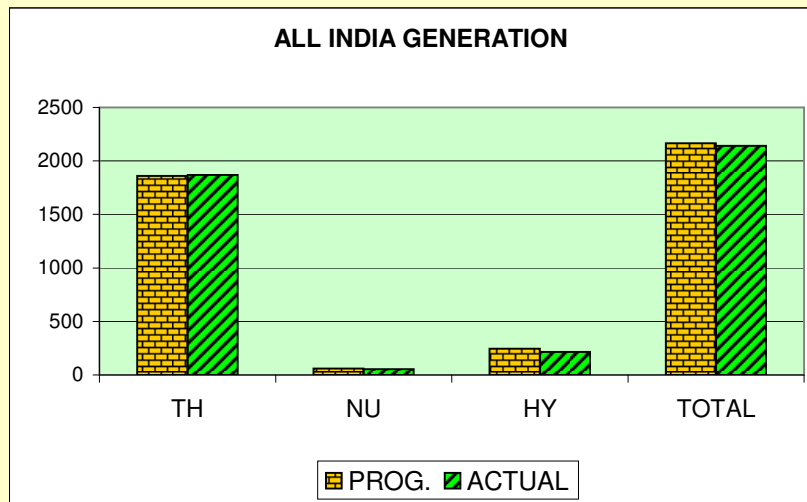
NORTHERN				
THERMAL	451.01	473.47	22.45	4.98
NUCLEAR	23.26	15.72	-7.54	-32.42
HYDRO	86.39	67.81	-18.58	-21.51
TOTAL	560.66	556.99	-3.67	-0.65

WESTERN				
THERMAL	641.12	660.62	19.50	3.04
NUCLEAR	22.36	24.29	1.93	8.65
HYDRO	48.26	51.46	3.20	6.63
TOTAL	711.74	736.37	24.64	3.46

SOUTHERN				
THERMAL	411.11	416.32	5.21	1.27
NUCLEAR	15.00	15.13	0.13	0.87
HYDRO	83.29	78.44	-4.85	-5.83
TOTAL	509.41	509.89	0.49	0.10

EASTERN				
THERMAL	344.99	307.70	-37.29	-10.81
NUCLEAR	0.00	0.00	0.00	0
HYDRO	19.39	12.53	-6.86	-35.39
TOTAL	364.37	320.22	-44.15	-12.12

NORTH EASTERN				
THERMAL	11.37	11.63	0.26	2.26
NUCLEAR	0.00	0.00	0.00	0
HYDRO	6.74	5.15	-1.59	-23.59
TOTAL	18.11	16.78	-1.33	-7.36



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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	864.23	925.64	61.41	7.11
STATE	1043.54	964.82	-78.72	-7.54
PRIVATE	70.70	68.54	-2.16	-3.06
IPPS	185.81	181.26	-4.55	-2.45
BHUTAN IMP	10.84	4.07	-6.77	-62.45
TOTAL	2175.12	2144.33	-30.79	-1.42

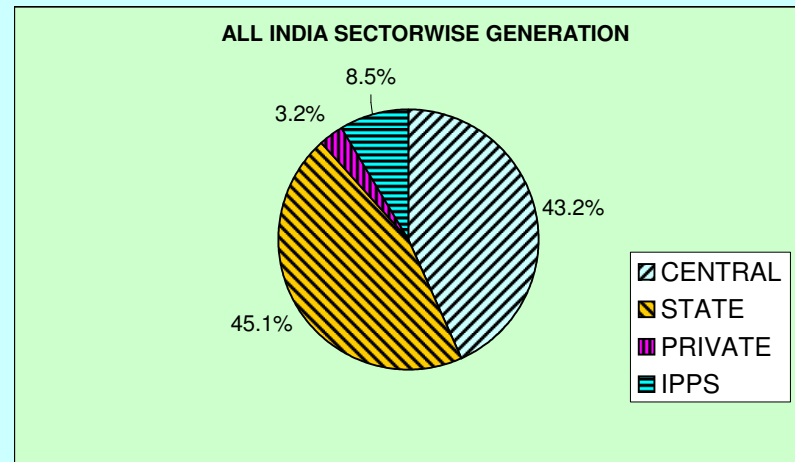
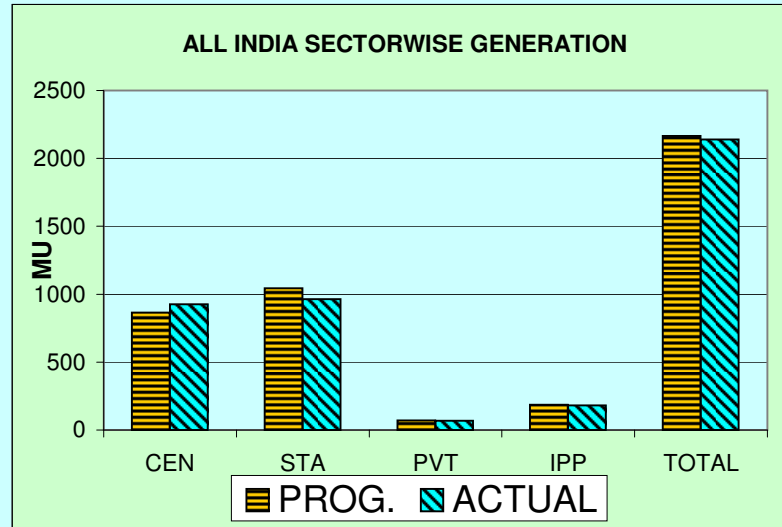
CENTRAL				
THERMAL	733.75	805.24	71.49	9.74
NUCLEAR	60.62	55.14	-5.48	-9.04
HYDRO	69.87	65.26	-4.61	-6.60
TOTAL	864.23	925.64	61.40	7.11

STATE				
THERMAL	879.73	824.67	-55.06	-6.26
NUCLEAR	0.00	0.00	0.00	0
HYDRO	163.81	140.16	-23.66	-14.44
TOTAL	1043.54	964.82	-78.72	-7.54

PRIVATE				
THERMAL	65.73	61.63	-4.10	-6.24
NUCLEAR	0.00	0.00	0.00	0
HYDRO	4.97	6.91	1.94	39.06
TOTAL	70.70	68.54	-2.16	-3.06

IPPS				
THERMAL	180.39	178.20	-2.19	-1.21
NUCLEAR	0.00	0.00	0.00	0
HYDRO	5.42	3.06	-2.36	-43.61
TOTAL	185.81	181.26	-4.55	-2.45

YEAR 2009-10
21-Jan-2010



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

YEAR 2009-10
 21-Jan-2010

ALL INDIA/ REGION	ANNUAL TARGET (MU)	GENERATION			
		PROG. (MU)	ACTUAL (MU)	DEVIATION	
				(MU)	(%)
ALL INDIA					
THERMAL	648479.58	517134.42	506659.68	-10474.73	-2.03
NUCLEAR	19000.00	14847.92	14393.01	-454.91	-3.06
HYDRO	118450.00	99099.45	89916.06	-9183.39	-9.27
BHUTAN IMP	6564.00	6047.60	5237.39	-810.21	-13.40
TOTAL	792493.58	637129.38	616206.13	-20923.24	-3.28

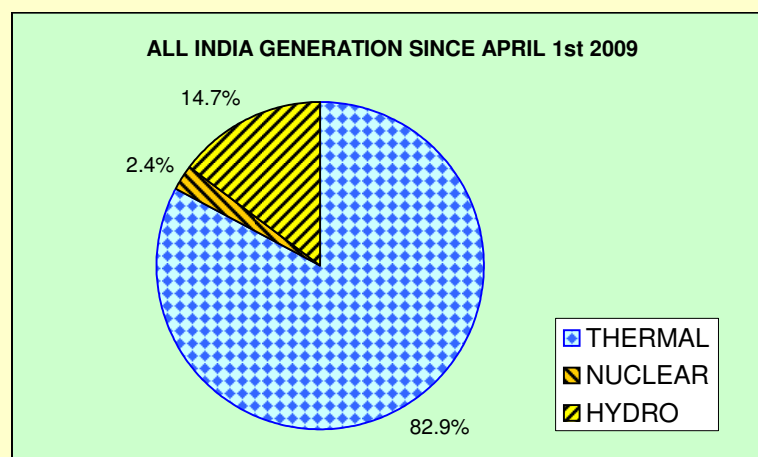
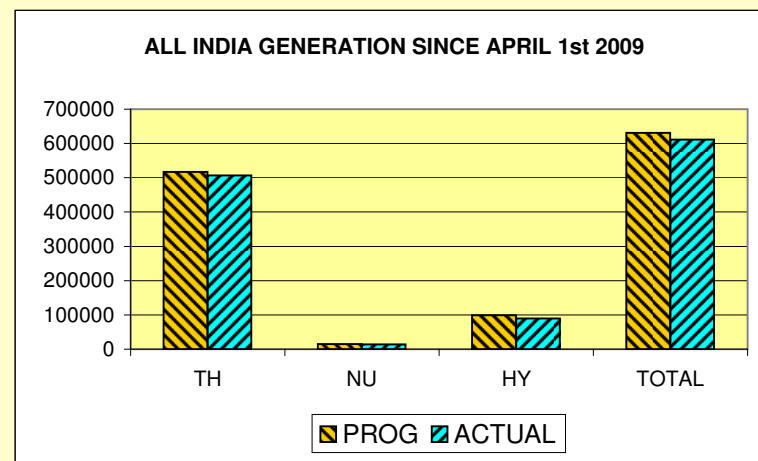
NORTHERN					
THERMAL	156716.69	125398.79	128125.07	2726.28	2.17
NUCLEAR	6310.00	4823.44	2975.66	-1847.78	-38.31
HYDRO	52289.00	45924.11	44155.04	-1769.06	-3.85
TOTAL	215315.69	176146.33	175255.77	-890.56	-0.51

WESTERN					
THERMAL	225131.81	179649.45	178198.95	-1450.50	-0.81
NUCLEAR	7750.00	6206.48	7162.47	956.00	15.40
HYDRO	16116.00	13404.48	11145.38	-2259.11	-16.85
TOTAL	248997.81	199260.41	196506.80	-2753.61	-1.38

SOUTHERN					
THERMAL	141145.26	111838.59	113426.96	1588.37	1.42
NUCLEAR	4940.00	3818.00	4254.87	436.87	11.44
HYDRO	32324.00	26638.17	24095.21	-2542.96	-9.55
TOTAL	178409.26	142294.76	141777.04	-517.72	-0.36

EASTERN					
THERMAL	121328.72	96919.82	83352.92	-13566.90	-14.00
NUCLEAR	0.00	0.00	0.00	0.00	0
HYDRO	10310.00	9121.13	7233.39	-1887.74	-20.70
TOTAL	131638.72	106040.95	90586.31	-15454.64	-14.57

NORTH EASTERN					
THERMAL	4157.10	3327.77	3555.79	228.02	6.85
NUCLEAR	0.00	0.00	0.00	0.00	0
HYDRO	4429.00	4011.56	3287.04	-724.52	-18.06
TOTAL	8586.10	7339.33	6842.83	-496.50	-6.76



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

YEAR 2009-10
21-Jan-2010

From 1st. APRIL 2009 TILL DATE

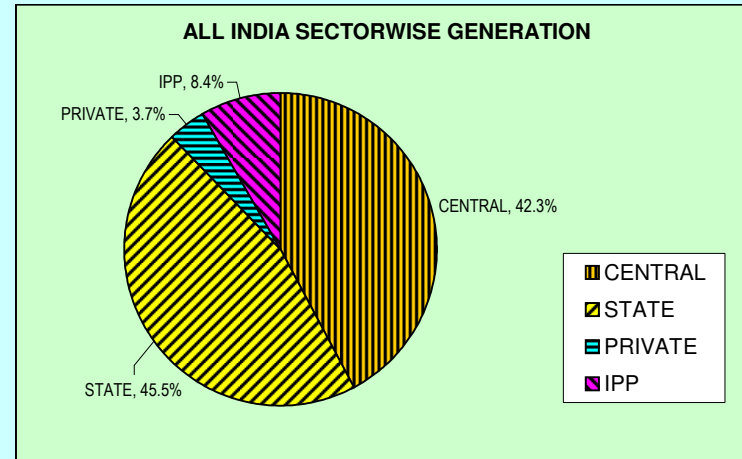
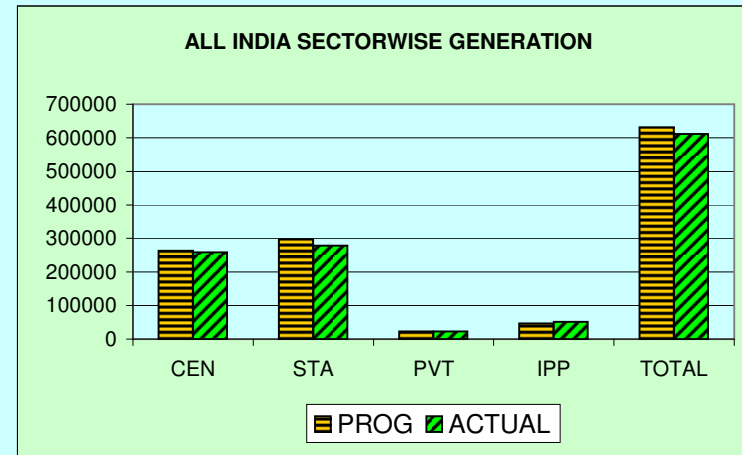
ALL INDIA / REGION	ANNUAL TARGET (MU)	GENERATION			
		PROG. (MU)	ACTUAL (MU)	DEVIATION	
				(MU)	(%)
ALL INDIA					
CENTRAL	323387.24	263559.94	258719.78	-4840.15	-1.84
STATE	370315.47	297742.46	278263.87	-19478.59	-6.54
PRIVATE	28486.04	22870.53	22741.07	-129.45	-0.57
IPPS	60758.83	46908.86	51244.03	4335.17	9.24
BHUTAN IMP	6564.00	6047.60	5237.39	-810.21	-13.40
TOTAL	773044.00	637129.38	616206.13	-20923.24	-3.28

CENTRAL					
THERMAL	261148.24	210553.75	208608.14	-1945.61	-0.92
NUCLEAR	19000.00	14847.92	14393.01	-454.91	-3.06
HYDRO	43239.00	38158.27	35718.63	-2439.64	-6.39
TOTAL	323387.24	263559.94	258719.78	-4840.15	-1.84

STATE					
THERMAL	303192.47	241218.43	228928.29	-12290.14	-5.10
NUCLEAR	0.00	0.00	0.00	0.00	0
HYDRO	67123.00	56524.03	49335.58	-7188.45	-12.72
TOTAL	370315.47	297742.46	278263.87	-19478.59	-6.54

PRIVATE					
THERMAL	26938.04	21628.18	21509.08	-119.10	-0.55
NUCLEAR	0.00	0.00	0.00	0.00	0
HYDRO	1548.00	1242.35	1231.99	-10.36	-0.83
TOTAL	28486.04	22870.53	22741.07	-129.45	-0.57

IPPS					
THERMAL	57200.83	43734.06	47614.17	3880.11	8.87
NUCLEAR	0.00	0.00	0.00	0.00	0
HYDRO	3558.00	3174.80	3629.86	455.06	14.33
TOTAL	60758.83	46908.86	51244.03	4335.17	9.24



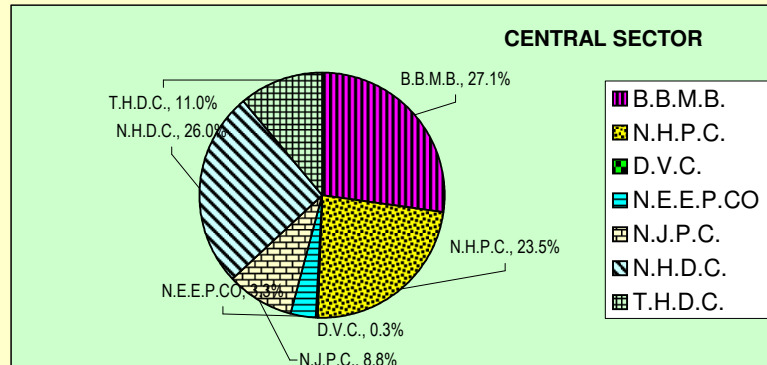
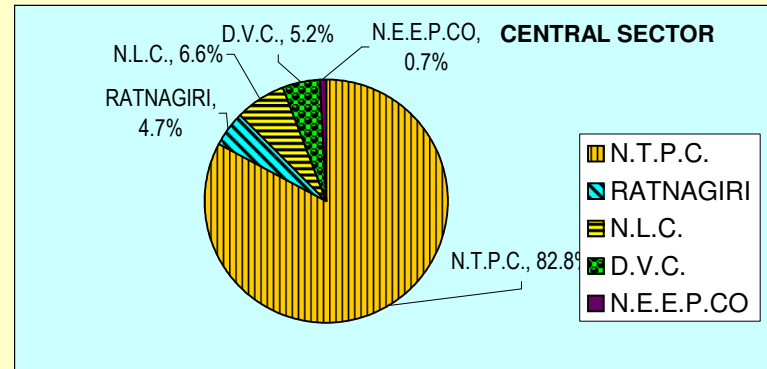
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**CENTRAL ELECTRICITY AUTHORITY
GENERATION BY CENTRAL SECTOR UTILITIES FOR**

**YEAR 2009-10
21-Jan-2010**

AGENCY	GENERATION			
	PROG. (MU)	ACTUAL (MU)	DEVIATION	
			(MU)	(%)
THERMAL				
N.T.P.C.	581.74	664.71	82.97	14.26
RATNAGIRI	25.19	37.96	12.77	50.68
N.L.C.	51.06	52.69	1.63	3.19
D.V.C.	62.68	41.86	-20.82	-33.21
N.E.E.P.CO	6.07	5.83	-0.24	-3.89
TOTAL	726.74	803.06	76.32	10.50

HYDRO				
B.B.M.B.	21.42	17.72	-3.70	-17.29
N.H.P.C.	17.16	15.31	-1.85	-10.80
D.V.C.	0.36	0.22	-0.14	-39.15
N.E.E.P.CO	3.55	2.18	-1.37	-38.70
N.J.P.C.	6.36	5.72	-0.64	-10.04
N.H.D.C.	10.45	16.96	6.51	62.28
T.H.D.C.	10.58	7.17	-3.41	-32.24
TOTAL	69.87	65.26	-4.61	-6.60



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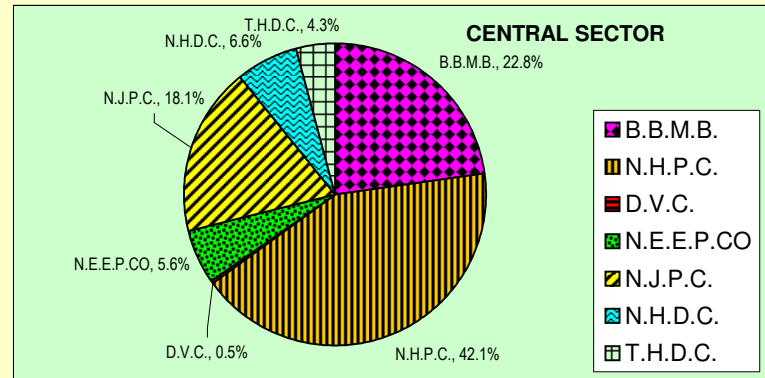
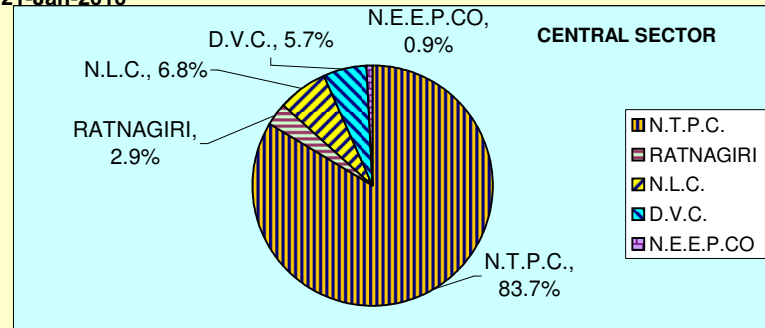
**CENTRAL ELECTRICITY AUTHORITY
GENERATION BY CENTRAL SECTOR UTILITIES FOR**

From 1st. APRIL 2009 TILL DATE

**YEAR 2009-10
21-Jan-2010**

AGENCY	ANNUAL TARGET (MU)	GENERATION			
		PROG. (MU)	ACTUAL (MU)	DEVIATION	
				(MU)	(%)
THERMAL					
N.T.P.C.	210292.00	170517.66	173762.81	3245.15	1.90
RATNAGIRI	9600.00	7877.05	6028.42	-1848.63	-23.47
N.L.C.	16445.00	12918.34	14117.16	1198.82	9.28
D.V.C.	20620.00	15962.23	11813.84	-4148.39	-25.99
N.E.E.P.CO	2286.00	1837.39	1949.94	112.56	6.13
TOTAL	259243.00	209112.68	207672.18	-1440.50	-0.69

HYDRO					
B.B.M.B.	10500.00	9136.80	8136.41	-1000.39	-10.95
N.H.P.C.	16675.00	14993.38	15024.29	30.91	0.21
D.V.C.	325.00	305.46	163.76	-141.70	-46.39
N.E.E.P.CO	3001.00	2751.51	2008.14	-743.36	-27.02
N.J.P.C.	6400.00	5933.46	6470.80	537.34	9.06
N.H.D.C.	3488.00	2822.47	2361.48	-460.99	-16.33
T.H.D.C.	2850.00	2215.20	1553.76	-661.44	-29.86
TOTAL	43239.00	38158.27	35718.63	-2439.64	-6.39

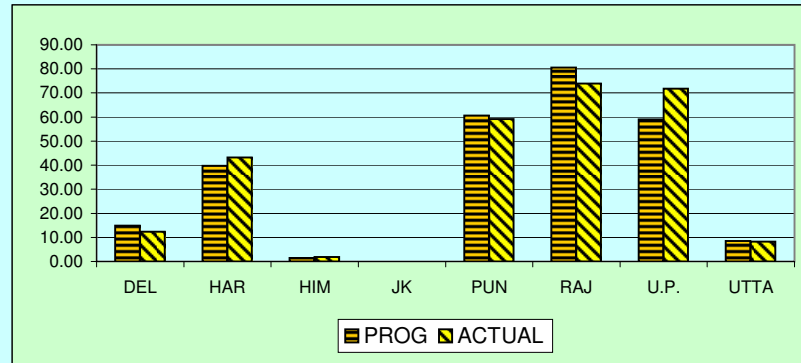


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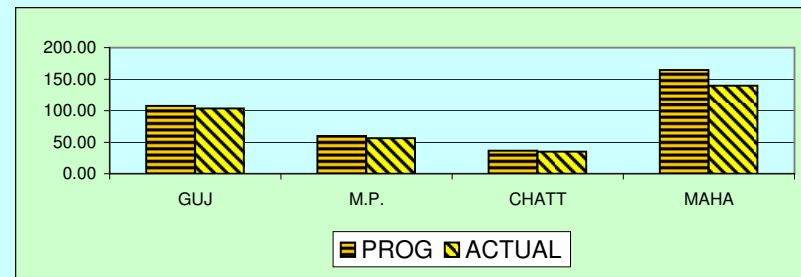
**CENTRAL ELECTRICITY AUTHORITY
GENERATION BY STATE SECTOR UTILITIES FOR**

**YEAR 2009-10
21-Jan-2010**

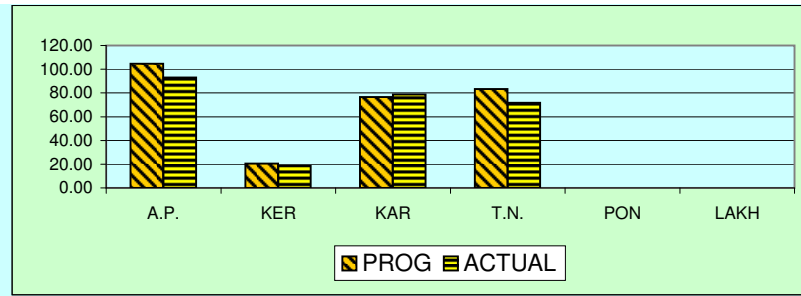
AGENCY	GENERATION			
	PROG. (MU)	ACTUAL (MU)	DEVIATION	
			(MU)	(%)
ALL INDIA	1043.54	964.82	-78.72	-0.08
NORTHERN				
DELHI	14.91	12.34	-2.57	-17.24
HARYANA	39.69	43.15	3.46	8.72
HIMACHAL	1.48	1.87	0.39	26.10
JK	0.00	0.00	0.00	0
PUNJAB	60.61	59.18	-1.43	-2.35
RAJASTHAN	80.50	73.97	-6.53	-8.11
UTTAR PRADESH	59.00	71.76	12.76	21.62
UTTARAKHAND	8.55	8.30	-0.25	-2.95
TOTAL	264.72	270.56	5.83	2.20



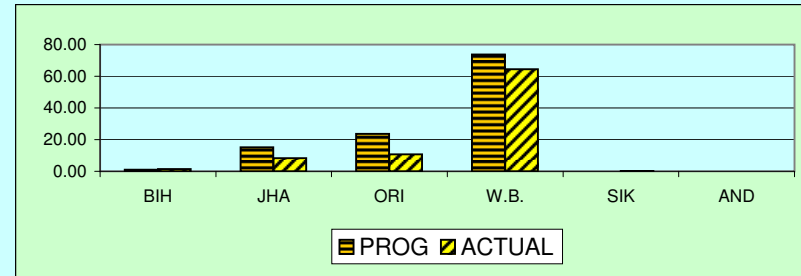
WESTERN				
GUJARAT	107.59	103.48	-4.11	-3.82
MADHYA PRADESH	59.71	56.20	-3.51	-5.88
CHHATTISGARH	36.62	35.01	-1.61	-4.39
MAHARASHTRA	164.56	139.57	-24.99	-15.18
TOTAL	368.47	334.26	-34.21	-9.29



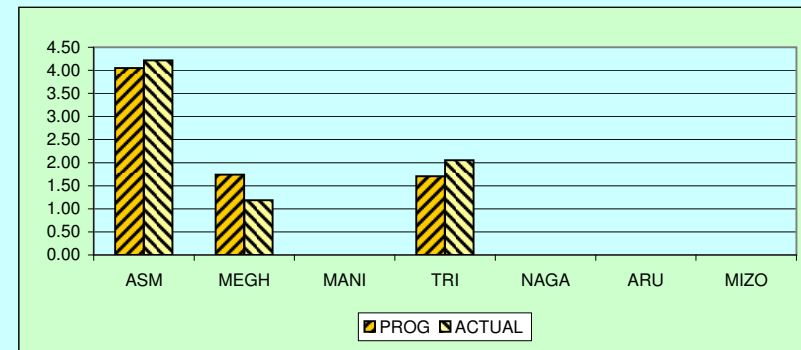
SOUTHERN				
ANDHRA PRADESH	104.53	93.14	-11.39	-10.89
KERALA	20.43	18.67	-1.76	-8.63
KARNATAKA	76.60	78.82	2.22	2.90
TAMIL NADU	83.45	71.80	-11.64	-13.95
PUDUCHURU	0.00	0.00	0.00	0
LAKSHADWEEP	0.00	0.08	0.08	0
TOTAL	285.01	262.51	-22.50	-7.89



EASTERN				
BIHAR	0.97	1.44	0.47	48.76
JHARKHAND	15.06	8.30	-6.76	-44.90
ORISSA	23.71	10.80	-12.91	-54.45
WEST BANGAL	73.75	64.47	-9.28	-12.58
SIKKIM	0.00	0.12	0.12	0
ANDAMAN NICOBAR	0.00	0.00	0.00	0
TOTAL	113.49	85.13	-28.36	-24.99



NORTH EASTERN				
ASSAM	4.05	4.22	0.17	4.15
MEGHALAYA	1.74	1.18	-0.56	-31.99
MANIPUR	0.00	0.00	0.00	0
TRIPURA	1.71	2.05	0.34	19.95
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	7.50	7.45	-0.05	-0.64



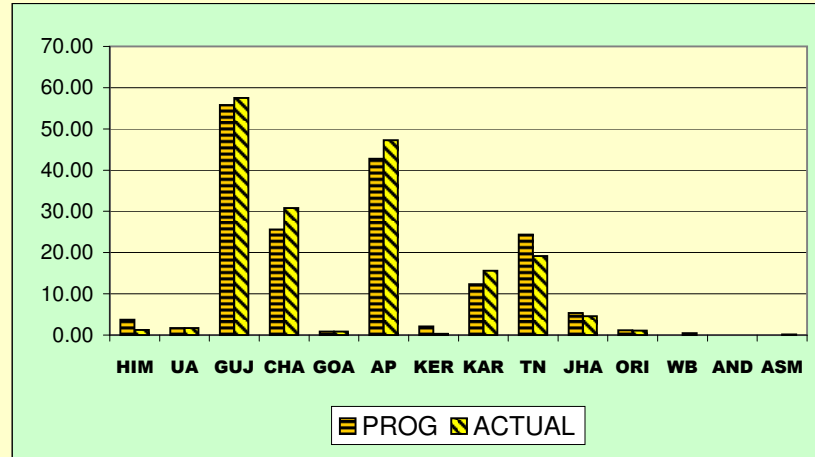
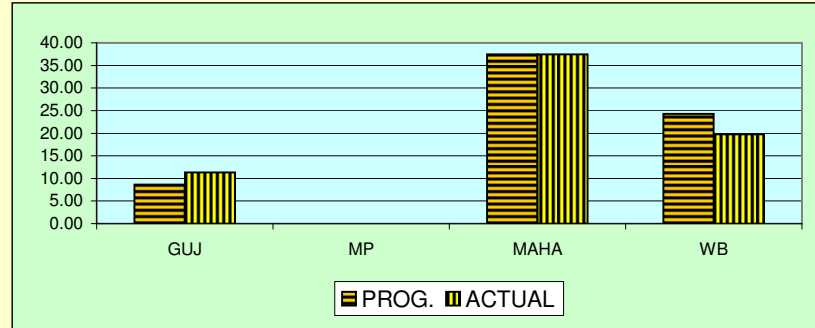
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**CENTRAL ELECTRICITY AUTHORITY
GENERATION BY PRIVATE SECTOR PROJECTS FOR**

AGENCY	GENERATION			
	PROG. (MU)	ACTUAL (MU)	DEVIATION	
			(MU)	(%)
PVT SECTOR UTILITIES				
GUJARAT	8.66	11.33	2.67	30.79
MADHYA PRADESH	0.00	0.00	0.00	0
MAHARASHTRA	37.48	37.43	-0.05	-0.14
WEST BANGAL	24.30	19.78	-4.52	-18.59
TOTAL	70.44	68.54	-1.90	-2.70

IPPS				
HIMACHAL	3.71	1.25	-2.46	-66.27
UTTARAKHAND	1.71	1.74	0.03	1.46
GUJARAT	55.84	57.50	1.67	2.98
CHHATTISGARH	25.61	30.83	5.22	20.40
GOA	0.87	0.86	-0.01	-1.04
ANDHRA PRADESH	42.80	47.27	4.47	10.45
KERALA	2.13	0.30	-1.83	-85.91
KARNATAKA	12.35	15.63	3.28	26.58
TAMIL NADU	24.36	19.15	-5.20	-21.37
JHARKHAND	5.39	4.61	-0.77	-14.35
ORISSA	1.19	1.05	-0.14	-11.99
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	175.94	180.89	4.95	2.81

YEAR 2009-10
21-Jan-2010



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**CENTRAL ELECTRICITY AUTHORITY
PLANT LOAD FACTORS FOR**

YEAR 2009-10

ALL INDIA/ REGION	Dec 09		April 09-Dec 09	
	PROG. (%)	ACTUAL (%)	PROG. (%)	ACTUAL (%)
ALL INDIA				
THERMAL	78.84	79.74	76.66	76.26
NUCLEAR	55.42	48.00	49.07	49.31

NORTHERN				
THERMAL	82.75	84.72	77.04	81.83
NUCLEAR	63.76	41.97	52.50	34.82

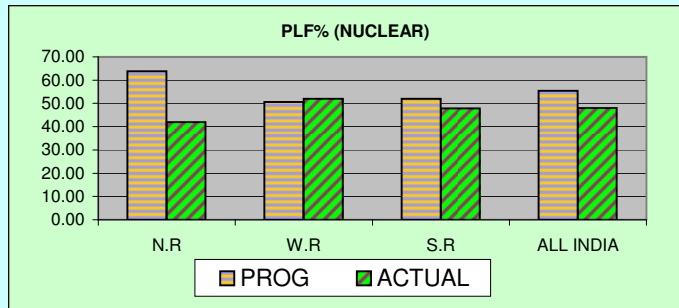
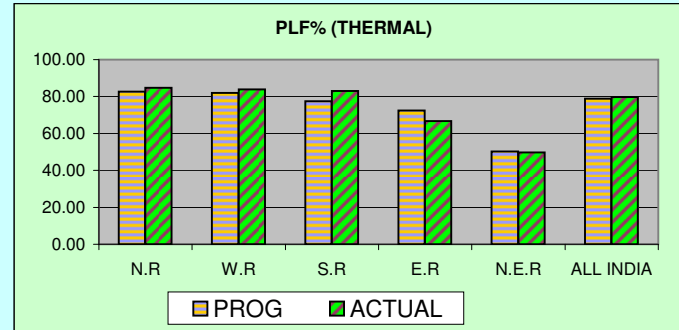
WESTERN				
THERMAL	81.91	83.86	78.59	78.24
NUCLEAR	50.62	51.97	47.24	55.47

SOUTHERN				
THERMAL	77.38	82.99	80.56	82.64
NUCLEAR	51.93	47.83	48.25	54.55

EASTERN				
THERMAL	72.38	66.66	70.86	62.94

NORTH EASTERN				
THERMAL	50.30	49.81	51.41	49.08

Best PLF for Dec 09 **DAHANU TPS (105.83)**
 Best PLF for Dec 08 **0**



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