



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



**OVERVIEW OF POWER GENERATION**

**GENERATION FOR 06-Feb-2010**

**CUMULATIVE From 1st. APRIL 2009 TILL DATE**

**ASKING RATE PER DAY FOR THE REMAINING PERIOD**

**PROGRAMME (MU)**

**2231.85**

**672369.27**

**2666.30**

**ACTUAL (MU)**

**2179.18**

**651179.65**

**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](#)

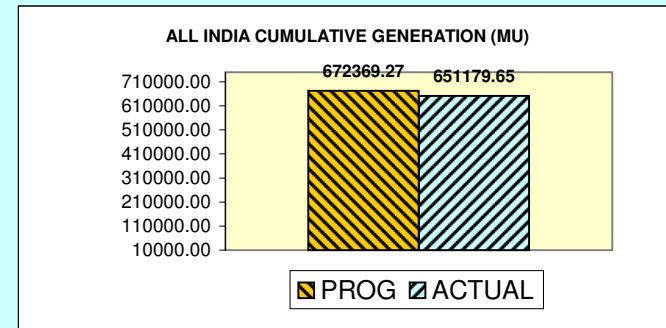
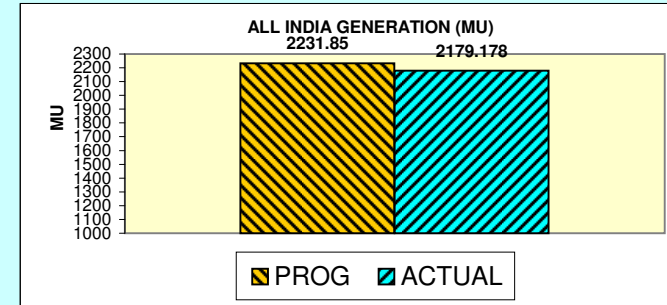
**OUTAGES OF UNITS FOR CAPACITY = 250 MW AND ABOVE**

**NO OF UNITS**

**7**

**CAPACITY INVOLVED (MW)**

**2050**



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

YEAR 2009-10

06-Feb-2010

ALL INDIA/ REGION	GENERATION			
	PROG. (MU)	ACTUAL (MU)	DEVIATION	
			(MU)	(%)
<b>ALL INDIA</b>				
THERMAL	1929.57	1917.38	-12.19	-0.63
NUCLEAR	59.43	62.51	3.08	5.18
HYDRO	234.96	195.48	-39.48	-16.80
BHUTAN IMP	7.89	3.81	-4.09	-51.77
<b>TOTAL</b>	<b>2231.85</b>	<b>2179.18</b>	<b>-52.67</b>	<b>-2.36</b>

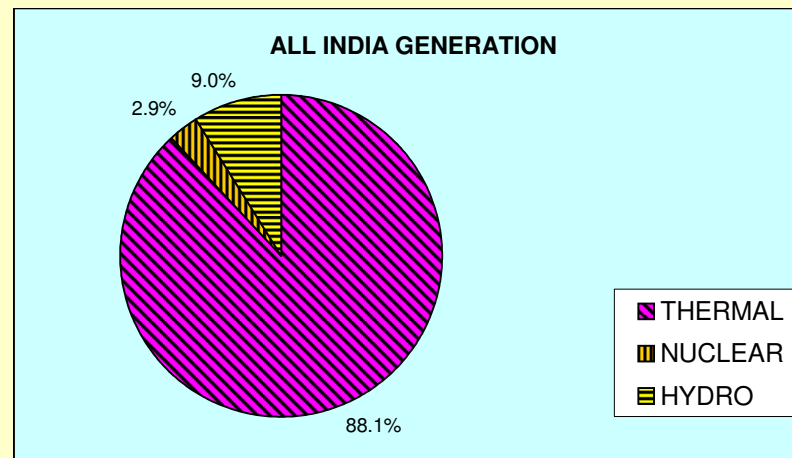
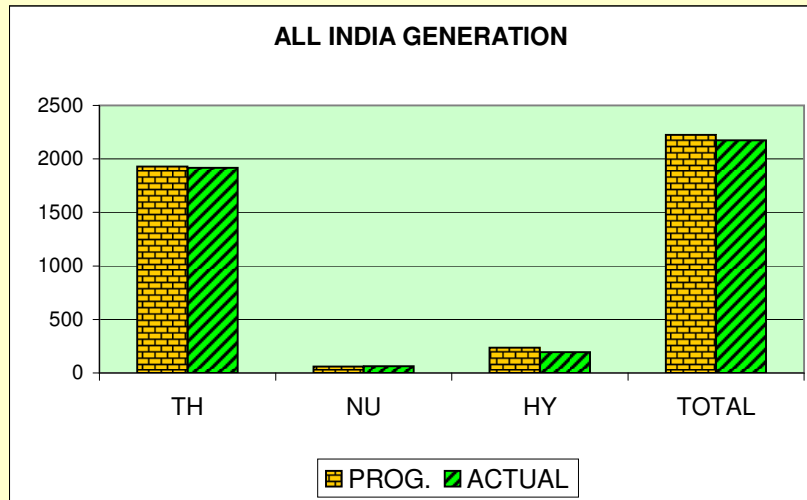
<b>NORTHERN</b>				
THERMAL	473.20	485.29	12.09	2.56
NUCLEAR	20.54	18.94	-1.60	-7.78
HYDRO	87.75	65.71	-22.04	-25.12
<b>TOTAL</b>	<b>581.48</b>	<b>569.94</b>	<b>-11.54</b>	<b>-1.99</b>

<b>WESTERN</b>				
THERMAL	642.48	663.82	21.35	3.32
NUCLEAR	22.39	28.53	6.14	27.41
HYDRO	40.03	32.41	-7.62	-19.04
<b>TOTAL</b>	<b>704.90</b>	<b>724.76</b>	<b>19.86</b>	<b>2.82</b>

<b>SOUTHERN</b>				
THERMAL	435.86	437.73	1.87	0.43
NUCLEAR	16.50	15.04	-1.46	-8.85
HYDRO	83.21	77.76	-5.45	-6.55
<b>TOTAL</b>	<b>535.57</b>	<b>530.53</b>	<b>-5.04</b>	<b>-0.94</b>

<b>EASTERN</b>				
THERMAL	365.87	316.67	-49.20	-13.45
NUCLEAR	0.00	0.00	0.00	0
HYDRO	17.93	15.52	-2.42	-13.47
<b>TOTAL</b>	<b>383.80</b>	<b>332.18</b>	<b>-51.62</b>	<b>-13.45</b>

<b>NORTH EASTERN</b>				
THERMAL	12.17	13.87	1.70	13.96
NUCLEAR	0.00	0.00	0.00	0
HYDRO	6.04	4.09	-1.95	-32.24
<b>TOTAL</b>	<b>18.21</b>	<b>17.96</b>	<b>-0.25</b>	<b>-1.36</b>



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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	895.34	927.37	32.03	3.58
STATE	1047.44	991.27	-56.17	-5.36
PRIVATE	81.30	70.85	-10.45	-12.86
IPPS	199.87	185.88	-13.99	-7.00
BHUTAN IMP	7.89	3.81	-4.09	-51.77
<b>TOTAL</b>	<b>2231.85</b>	<b>2179.18</b>	<b>-52.67</b>	<b>-2.36</b>

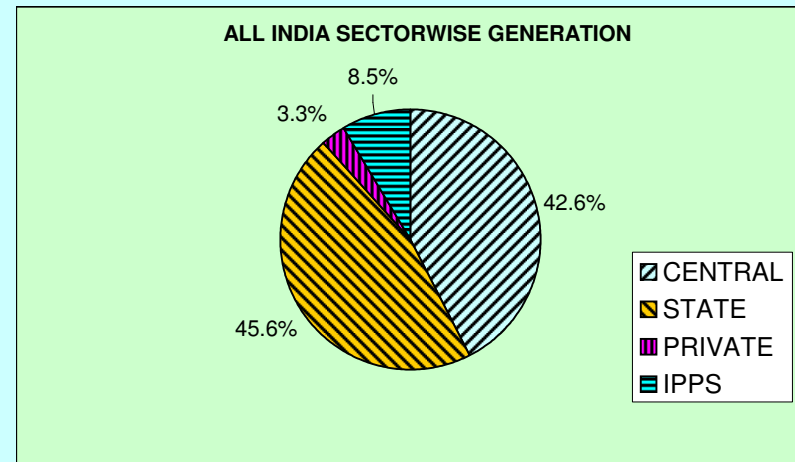
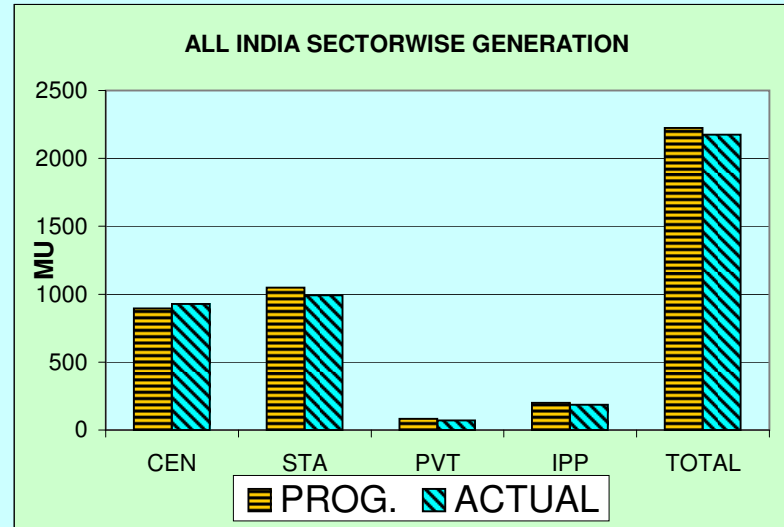
CENTRAL				
THERMAL	766.66	807.94	41.28	5.38
NUCLEAR	59.43	62.51	3.08	5.18
HYDRO	69.25	56.92	-12.33	-17.80
<b>TOTAL</b>	<b>895.34</b>	<b>927.37</b>	<b>32.03</b>	<b>3.58</b>

STATE				
THERMAL	891.41	861.86	-29.56	-3.32
NUCLEAR	0.00	0.00	0.00	0
HYDRO	156.03	129.42	-26.61	-17.06
<b>TOTAL</b>	<b>1047.44</b>	<b>991.27</b>	<b>-56.17</b>	<b>-5.36</b>

PRIVATE				
THERMAL	77.27	64.54	-12.73	-16.47
NUCLEAR	0.00	0.00	0.00	0
HYDRO	4.04	6.31	2.28	56.38
<b>TOTAL</b>	<b>81.30</b>	<b>70.85</b>	<b>-10.45</b>	<b>-12.86</b>

IPPS				
THERMAL	194.23	183.05	-11.18	-5.76
NUCLEAR	0.00	0.00	0.00	0
HYDRO	5.64	2.84	-2.81	-49.75
<b>TOTAL</b>	<b>199.87</b>	<b>185.88</b>	<b>-13.99</b>	<b>-7.00</b>

YEAR 2009-10  
06-Feb-2010



TOP

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

YEAR 2009-10  
 06-Feb-2010

ALL INDIA/ REGION	ANNUAL TARGET (MU)	GENERATION			
		PROG. (MU)	ACTUAL (MU)	DEVIATION	
				(MU)	(%)
<b>ALL INDIA</b>					
THERMAL	648479.58	547405.59	537271.89	-10133.70	-1.85
NUCLEAR	19000.00	15810.56	15340.21	-470.36	-2.97
HYDRO	118450.00	102949.75	93292.97	-9656.78	-9.38
BHUTAN IMP	6564.00	6203.36	5274.57	-928.79	-14.97
<b>TOTAL</b>	<b>792493.58</b>	<b>672369.27</b>	<b>651179.65</b>	<b>-21189.62</b>	<b>-3.15</b>

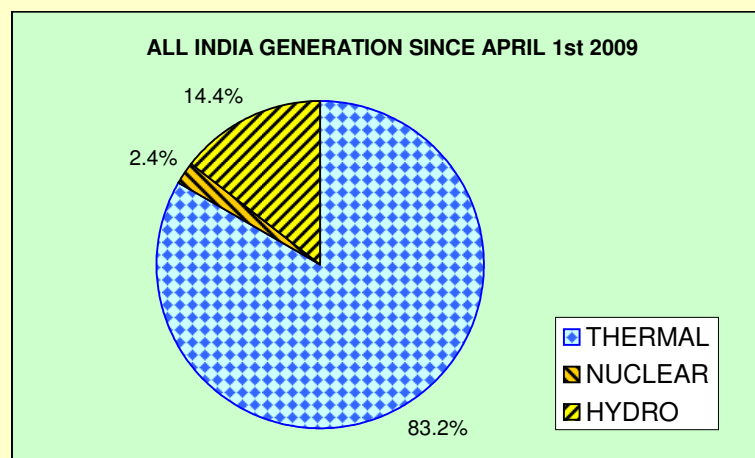
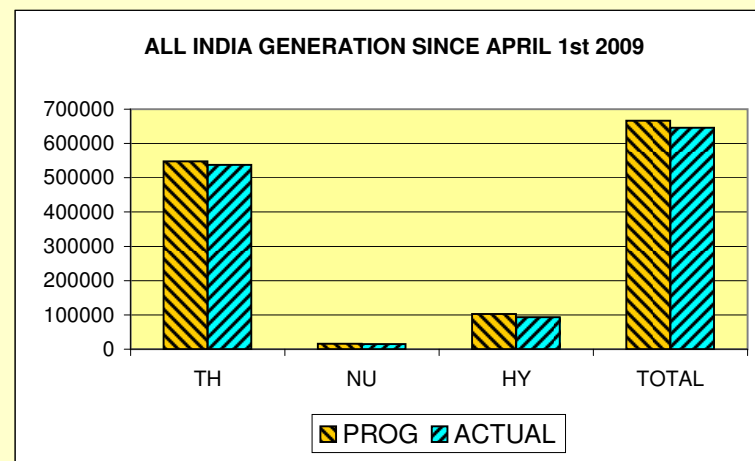
<b>NORTHERN</b>					
THERMAL	156716.69	132861.89	135662.12	2800.24	2.11
NUCLEAR	6310.00	5179.21	3248.22	-1931.00	-37.28
HYDRO	52289.00	47314.49	45226.55	-2087.94	-4.41
<b>TOTAL</b>	<b>215315.69</b>	<b>185355.58</b>	<b>184136.89</b>	<b>-1218.69</b>	<b>-0.66</b>

<b>WESTERN</b>					
THERMAL	225131.81	189916.57	189059.13	-857.44	-0.45
NUCLEAR	7750.00	6564.35	7589.87	1025.52	15.62
HYDRO	16116.00	14127.20	11801.00	-2326.20	-16.47
<b>TOTAL</b>	<b>248997.81</b>	<b>210608.13</b>	<b>208450.00</b>	<b>-2158.12</b>	<b>-1.02</b>

<b>SOUTHERN</b>					
THERMAL	141145.26	118518.40	120410.92	1892.52	1.60
NUCLEAR	4940.00	4067.00	4502.12	435.12	10.70
HYDRO	32324.00	27970.27	25454.48	-2515.78	-8.99
<b>TOTAL</b>	<b>178409.26</b>	<b>150555.67</b>	<b>150367.52</b>	<b>-188.14</b>	<b>-0.12</b>

<b>EASTERN</b>					
THERMAL	121328.72	102594.19	88371.91	-14222.28	-13.86
NUCLEAR	0.00	0.00	0.00	0.00	0
HYDRO	10310.00	9422.58	7449.29	-1973.29	-20.94
<b>TOTAL</b>	<b>131638.72</b>	<b>112016.77</b>	<b>95821.20</b>	<b>-16195.57</b>	<b>-14.46</b>

<b>NORTH EASTERN</b>					
THERMAL	4157.10	3514.54	3767.81	253.26	7.21
NUCLEAR	0.00	0.00	0.00	0.00	0
HYDRO	4429.00	4115.22	3361.65	-753.57	-18.31
<b>TOTAL</b>	<b>8586.10</b>	<b>7629.76</b>	<b>7129.46</b>	<b>-500.30</b>	<b>-6.56</b>



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

YEAR 2009-10  
06-Feb-2010

From 1st. APRIL 2009 TILL DATE

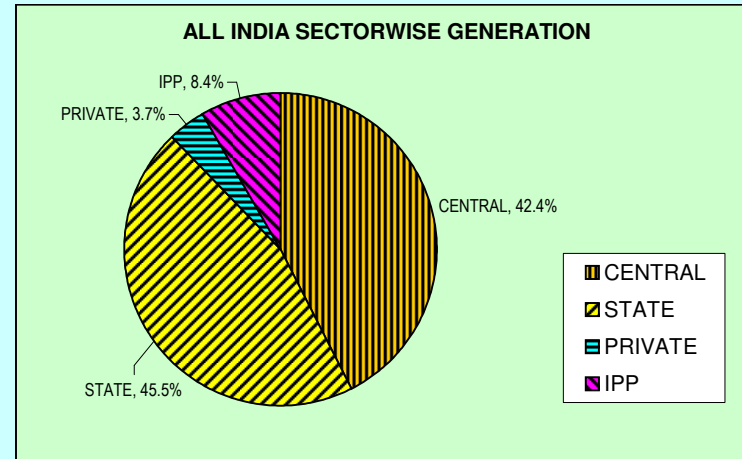
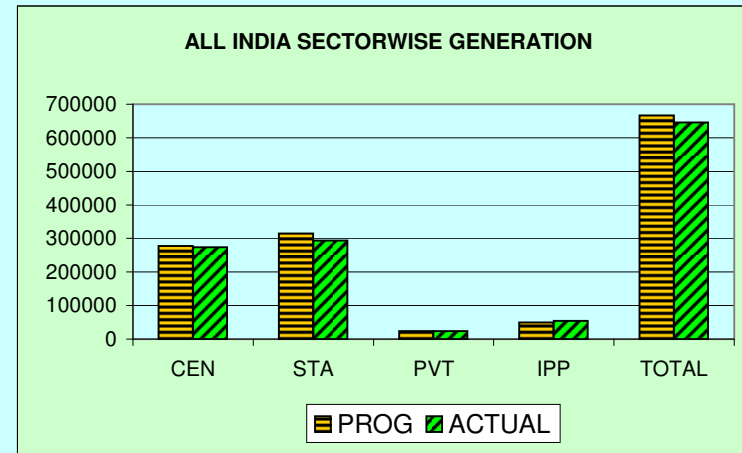
ALL INDIA / REGION	ANNUAL TARGET (MU)	GENERATION			
		PROG. (MU)	ACTUAL (MU)	DEVIATION	
				(MU)	(%)
<b>ALL INDIA</b>					
CENTRAL	323387.24	277665.84	273663.06	-4002.78	-1.44
STATE	370315.47	314486.92	293981.26	-20505.66	-6.52
PRIVATE	28486.04	24046.99	23836.54	-210.45	-0.88
IPPS	60758.83	49966.15	54424.21	4458.06	8.92
BHUTAN IMP	6564.00	6203.36	5274.57	-928.79	-14.97
<b>TOTAL</b>	<b>773044.00</b>	<b>672369.27</b>	<b>651179.65</b>	<b>-21189.62</b>	<b>-3.15</b>

<b>CENTRAL</b>					
THERMAL	261148.24	222582.77	221612.49	-970.28	-0.44
NUCLEAR	19000.00	15810.56	15340.21	-470.36	-2.97
HYDRO	43239.00	39272.51	36710.37	-2562.14	-6.52
<b>TOTAL</b>	<b>323387.24</b>	<b>277665.84</b>	<b>273663.06</b>	<b>-4002.78</b>	<b>-1.44</b>

<b>STATE</b>					
THERMAL	303192.47	255388.74	242410.02	-12978.72	-5.08
NUCLEAR	0.00	0.00	0.00	0.00	0
HYDRO	67123.00	59098.18	51571.24	-7526.94	-12.74
<b>TOTAL</b>	<b>370315.47</b>	<b>314486.92</b>	<b>293981.26</b>	<b>-20505.67</b>	<b>-6.52</b>

<b>PRIVATE</b>					
THERMAL	26938.04	22730.78	22529.07	-201.71	-0.89
NUCLEAR	0.00	0.00	0.00	0.00	0
HYDRO	1548.00	1316.21	1307.47	-8.74	-0.66
<b>TOTAL</b>	<b>28486.04</b>	<b>24046.99</b>	<b>23836.54</b>	<b>-210.45</b>	<b>-0.88</b>

<b>IPPS</b>					
THERMAL	57200.83	46703.30	50720.32	4017.02	8.60
NUCLEAR	0.00	0.00	0.00	0.00	0
HYDRO	3558.00	3262.85	3703.90	441.04	13.52
<b>TOTAL</b>	<b>60758.83</b>	<b>49966.15</b>	<b>54424.21</b>	<b>4458.06</b>	<b>8.92</b>

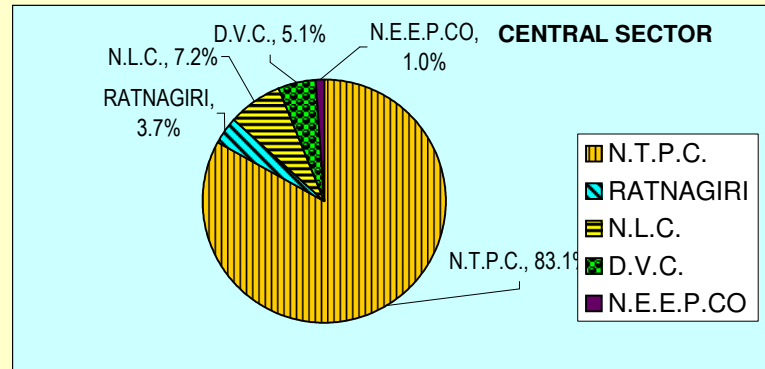


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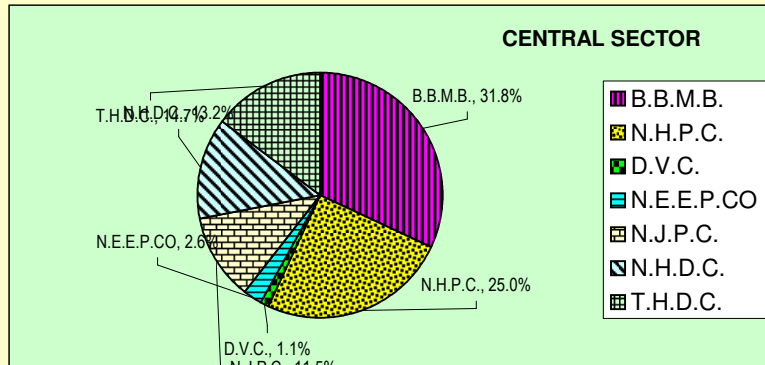
**CENTRAL ELECTRICITY AUTHORITY  
GENERATION BY CENTRAL SECTOR UTILITIES FOR**

YEAR 2009-10  
06-Feb-2010

AGENCY	GENERATION			
	PROG. (MU)	ACTUAL (MU)	DEVIATION	
			(MU)	(%)
<b>THERMAL</b>				
N.T.P.C.	610.32	671.03	60.70	9.95
RATNAGIRI	24.61	29.83	5.22	21.23
N.L.C.	51.18	58.35	7.17	14.02
D.V.C.	67.46	40.90	-26.56	-39.37
N.E.E.P.CO	6.43	7.83	1.40	21.82
<b>TOTAL</b>	<b>760.00</b>	<b>807.94</b>	<b>47.94</b>	<b>6.31</b>



<b>HYDRO</b>				
B.B.M.B.	19.68	18.11	-1.57	-7.96
N.H.P.C.	20.32	14.22	-6.10	-30.04
D.V.C.	0.36	0.65	0.30	82.63
N.E.E.P.CO	3.57	1.48	-2.10	-58.71
N.J.P.C.	6.04	6.55	0.51	8.45
N.H.D.C.	9.68	7.54	-2.14	-22.10
T.H.D.C.	9.61	8.38	-1.23	-12.79
<b>TOTAL</b>	<b>69.25</b>	<b>56.92</b>	<b>-12.33</b>	<b>-17.80</b>



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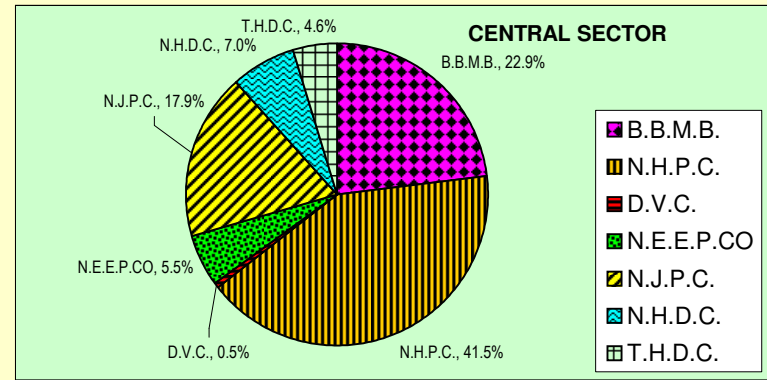
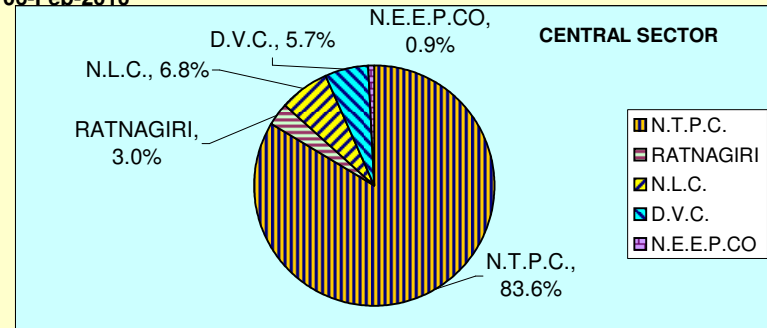
**CENTRAL ELECTRICITY AUTHORITY  
GENERATION BY CENTRAL SECTOR UTILITIES FOR**

**From 1st. APRIL 2009 TILL DATE**

**YEAR 2009-10  
06-Feb-2010**

AGENCY	ANNUAL TARGET (MU)	GENERATION			
		PROG. (MU)	ACTUAL (MU)	DEVIATION	
				(MU)	(%)
<b>THERMAL</b>					
N.T.P.C.	210292.00	180088.61	184351.65	4263.04	2.37
RATNAGIRI	9600.00	8276.64	6575.04	-1701.60	-20.56
N.L.C.	16445.00	13736.08	15013.64	1277.56	9.30
D.V.C.	20620.00	16993.77	12459.16	-4534.61	-26.68
N.E.E.P.CO	2286.00	1936.57	2067.05	130.47	6.74
<b>TOTAL</b>	<b>259243.00</b>	<b>221031.68</b>	<b>220466.54</b>	<b>-565.14</b>	<b>-0.26</b>

<b>HYDRO</b>					
B.B.M.B.	10500.00	9469.07	8414.97	-1054.11	-11.13
N.H.P.C.	16675.00	15286.93	15244.04	-42.89	-0.28
D.V.C.	325.00	311.14	172.84	-138.30	-44.45
N.E.E.P.CO	3001.00	2808.43	2036.45	-771.98	-27.49
N.J.P.C.	6400.00	6033.22	6573.97	540.75	8.96
N.H.D.C.	3488.00	2985.07	2582.37	-402.70	-13.49
T.H.D.C.	2850.00	2378.64	1685.73	-692.92	-29.13
<b>TOTAL</b>	<b>43239.00</b>	<b>39272.51</b>	<b>36710.37</b>	<b>-2562.14</b>	<b>-6.52</b>



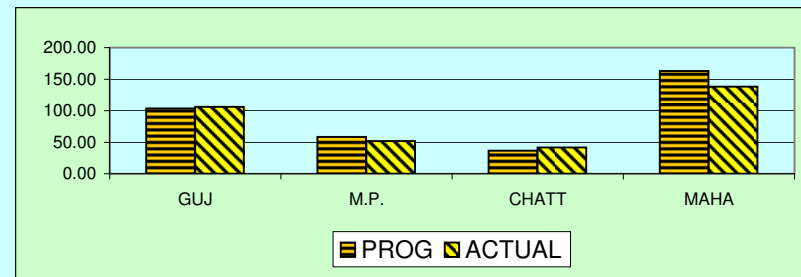
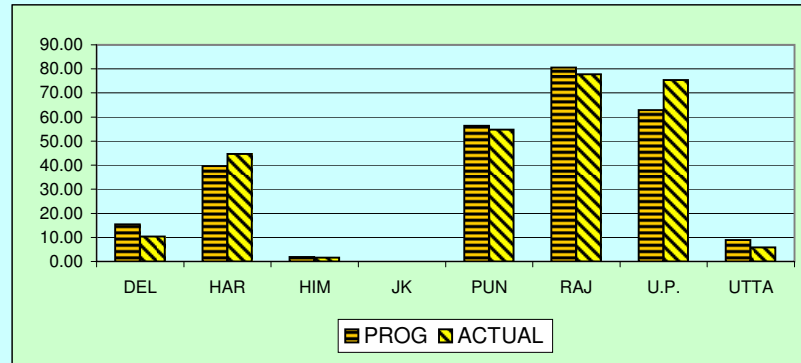
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**CENTRAL ELECTRICITY AUTHORITY  
GENERATION BY STATE SECTOR UTILITIES FOR**

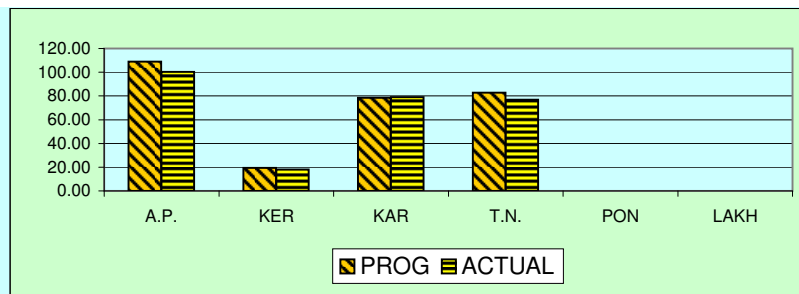
YEAR 2009-10  
06-Feb-2010

AGENCY	GENERATION			
	PROG. (MU)	ACTUAL (MU)	DEVIATION	
			(MU)	(%)
<b>ALL INDIA</b>	<b>1047.44</b>	<b>991.27</b>	<b>-56.17</b>	<b>-0.05</b>
<b>NORTHERN</b>				
DELHI	15.46	10.31	-5.15	-33.32
HARYANA	39.68	44.69	5.01	12.63
HIMACHAL	1.82	1.65	-0.18	-9.61
JK	0.00	0.00	0.00	0
PUNJAB	56.43	54.80	-1.63	-2.89
RAJASTHAN	80.54	77.74	-2.80	-3.48
UTTAR PRADESH	62.89	75.41	12.52	19.90
UTTARAKHAND	8.93	5.91	-3.02	-33.77
<b>TOTAL</b>	<b>265.75</b>	<b>270.51</b>	<b>4.76</b>	<b>1.79</b>

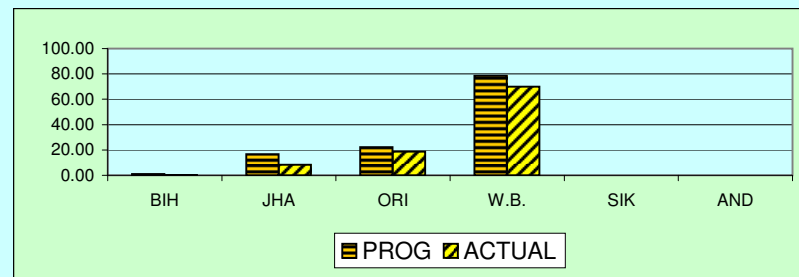
<b>WESTERN</b>				
GUJARAT	103.68	106.18	2.50	2.41
MADHYA PRADESH	58.36	51.73	-6.63	-11.36
CHHATTISGARH	36.61	41.75	5.14	14.05
MAHARASHTRA	163.15	138.12	-25.02	-15.34
<b>TOTAL</b>	<b>361.79</b>	<b>337.79</b>	<b>-24.01</b>	<b>-6.64</b>



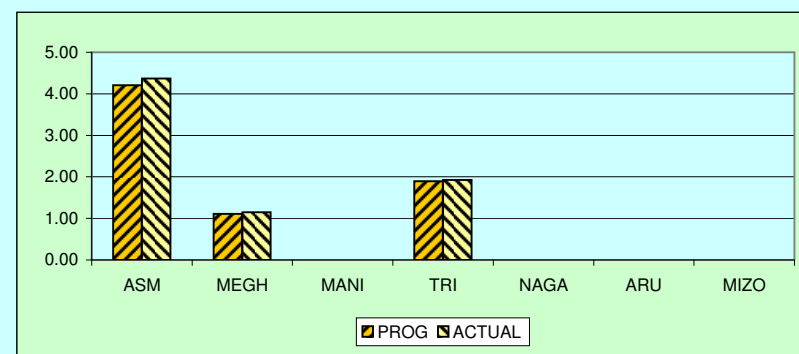
SOUTHERN				
ANDHRA PRADESH	108.85	100.30	-8.55	-7.85
KERALA	19.37	17.96	-1.41	-7.27
KARNATAKA	78.53	78.94	0.41	0.52
TAMIL NADU	82.81	76.76	-6.05	-7.30
PUDUCHURU	0.00	0.00	0.00	0
LAKSHADWEEP	0.00	0.08	0.08	0
TOTAL	289.55	274.04	-15.52	-5.36



EASTERN				
BIHAR	1.07	0.34	-0.73	-68.25
JHARKHAND	16.75	8.31	-8.44	-50.39
ORISSA	22.11	18.80	-3.31	-14.97
WEST BANGAL	78.61	69.90	-8.71	-11.08
SIKKIM	0.00	0.12	0.12	0
ANDAMAN NICOBAR	0.00	0.00	0.00	0
TOTAL	118.53	97.47	-21.07	-17.77



NORTH EASTERN				
ASSAM	4.21	4.37	0.16	3.87
MEGHALAYA	1.11	1.15	0.04	3.52
MANIPUR	0.00	0.00	0.00	0
TRIPURA	1.89	1.93	0.04	1.90
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	7.45	0.24	3.30



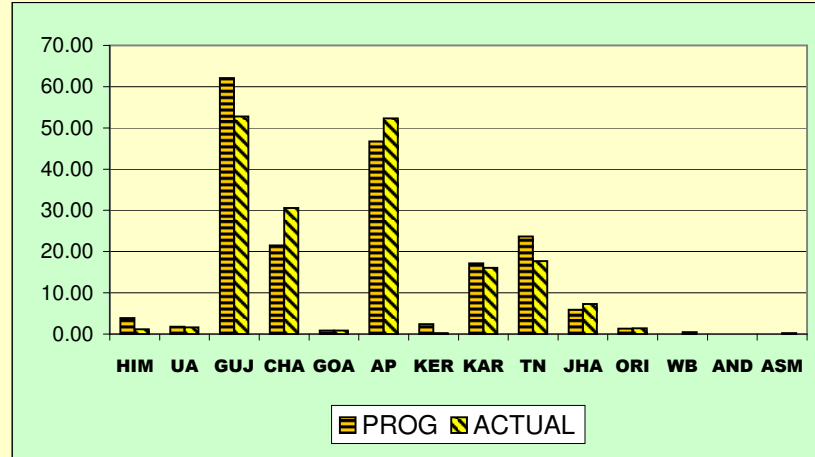
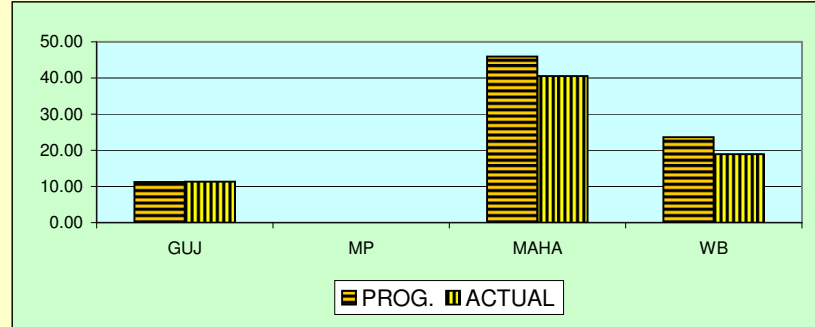
[TOP](#)

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

AGENCY	GENERATION			
	PROG. (MU)	ACTUAL (MU)	DEVIATION	
			(MU)	(%)
<b>PVT SECTOR UTILITIES</b>				
GUJARAT	11.20	11.30	0.10	0.91
MADHYA PRADESH	0.00	0.00	0.00	0
MAHARASHTRA	45.93	40.57	-5.36	-11.66
WEST BANGAL	23.61	18.98	-4.63	-19.60
<b>TOTAL</b>	<b>80.73</b>	<b>70.85</b>	<b>-9.88</b>	<b>-12.24</b>

<b>IPPS</b>				
HIMACHAL	3.89	1.17	-2.73	-70.07
UTTARAKHAND	1.75	1.64	-0.11	-6.29
GUJARAT	62.12	52.81	-9.31	-14.98
CHHATTISGARH	21.49	30.61	9.12	42.44
GOA	0.88	0.87	-0.01	-0.91
ANDHRA PRADESH	46.74	52.28	5.54	11.84
KERALA	2.39	0.26	-2.13	-89.13
KARNATAKA	17.14	16.07	-1.07	-6.26
TAMIL NADU	23.64	17.69	-5.95	-25.17
JHARKHAND	5.93	7.32	1.39	23.51
ORISSA	1.32	1.36	0.04	3.26
WEST BANGAL	0.00	0.50	0.50	0
ANDAMAN NICOBAR	0.00	0.00	0.00	0
ASSAM	0.00	0.20	0.20	0
<b>TOTAL</b>	<b>187.30</b>	<b>182.78</b>	<b>-4.52</b>	<b>-2.41</b>

YEAR 2009-10  
06-Feb-2010



[TOP](#)

**CENTRAL ELECTRICITY AUTHORITY  
PLANT LOAD FACTORS FOR**

YEAR 2009-10

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

<b>NORTHERN</b>				
<b>THERMAL</b>	81.19	85.03	77.48	82.15
<b>NUCLEAR</b>	63.76	47.74	53.85	36.13

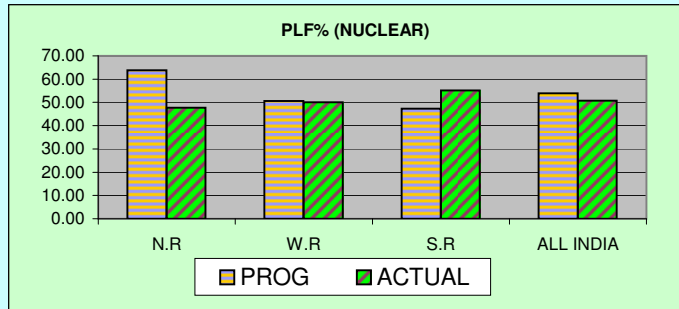
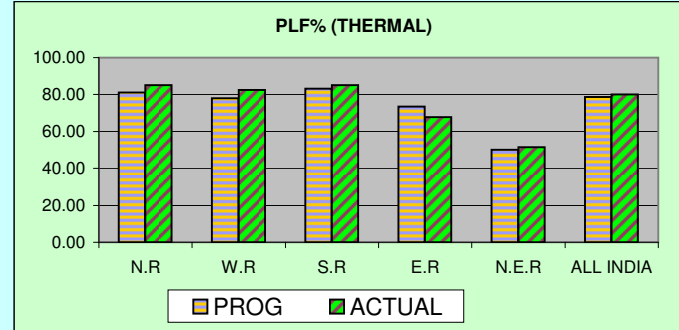
<b>WESTERN</b>				
<b>THERMAL</b>	78.00	82.49	78.53	78.67
<b>NUCLEAR</b>	50.62	50.02	47.58	54.92

<b>SOUTHERN</b>				
<b>THERMAL</b>	83.22	85.13	80.84	82.90
<b>NUCLEAR</b>	47.35	55.17	48.14	54.61

<b>EASTERN</b>				
<b>THERMAL</b>	73.44	67.74	71.12	63.43

<b>NORTH EASTERN</b>				
<b>THERMAL</b>	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)**



[TOP](#)