



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



**OVERVIEW OF POWER GENERATION**

**GENERATION FOR 17-Jan-2010**

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

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

**PROGRAMME (MU)**

**2166.83**

**628453.76**

**2531.10**

**ACTUAL (MU)**

**2036.72**

**607722.95**

**QUICK LINKS**

**FOR THE DAY**

[REGIONWISE OVERVIEW](#)

[SECTORWISE OVERVIEW](#)

[CENTRAL SECTOR GENERATION](#)

**TILL DATE**

[REGIONWISE OVERVIEW](#)

[SECTORWISE OVERVIEW](#)

[CENTRAL SECTOR GENERATION](#)

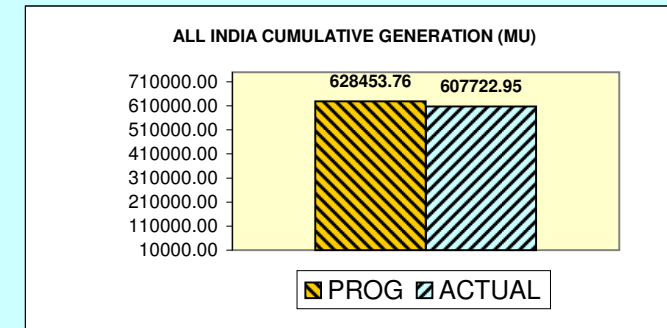
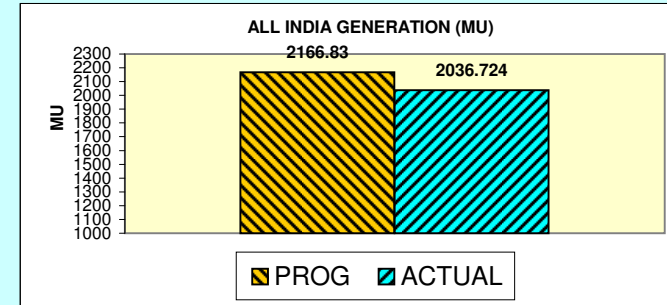
[STATE SECTOR GENERATION](#)

[PRIVATE SECTOR GENERATION](#)

[PLANT LOAD FACTORS](#)

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

<b>NO OF UNITS</b>	<b>13</b>
<b>CAPACITY INVOLVED (MW)</b>	<b>4390</b>



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

YEAR 2009-10

17-Jan-2010

ALL INDIA/ REGION	GENERATION			
	PROG. (MU)	ACTUAL (MU)	DEVIATION	
			(MU)	(%)
<b>ALL INDIA</b>				
THERMAL	1851.31	1793.38	-57.93	-3.13
NUCLEAR	60.62	42.65	-17.96	-29.63
HYDRO	244.07	196.49	-47.58	-19.50
BHUTAN IMP	10.84	4.20	-6.64	-61.24
<b>TOTAL</b>	<b>2166.83</b>	<b>2036.72</b>	<b>-130.11</b>	<b>-6.00</b>

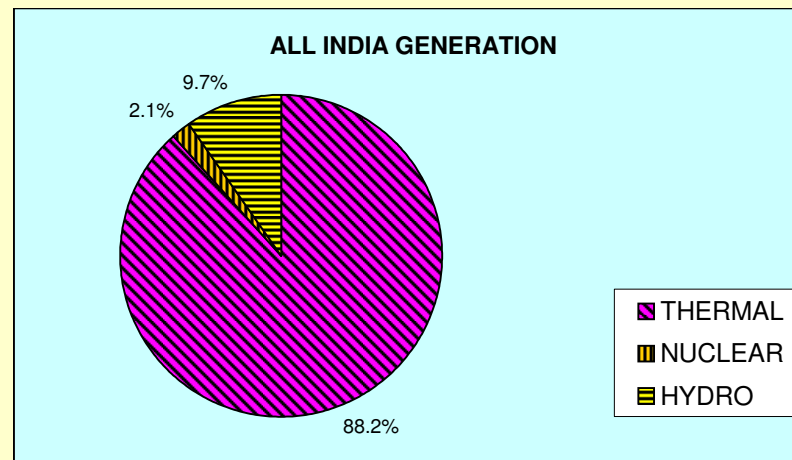
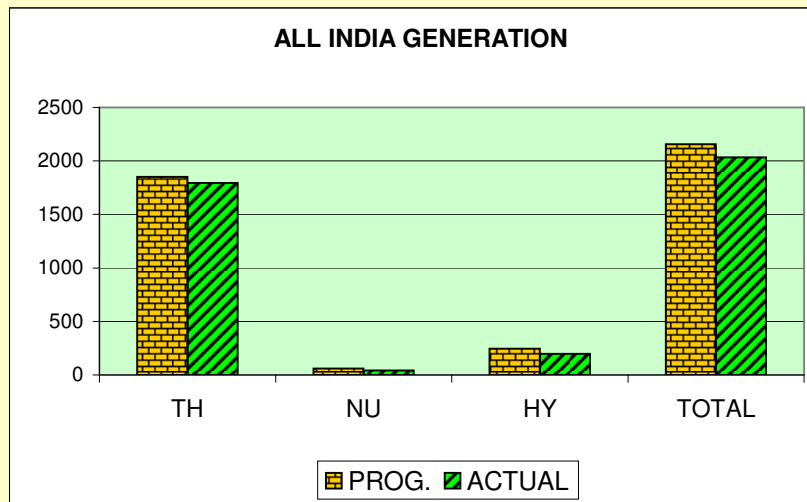
<b>NORTHERN</b>				
THERMAL	451.01	463.31	12.29	2.73
NUCLEAR	23.26	12.93	-10.33	-44.40
HYDRO	86.39	70.74	-15.64	-18.11
<b>TOTAL</b>	<b>560.66</b>	<b>546.98</b>	<b>-13.68</b>	<b>-2.44</b>

<b>WESTERN</b>				
THERMAL	641.12	628.34	-12.78	-1.99
NUCLEAR	22.36	15.34	-7.02	-31.38
HYDRO	48.26	43.16	-5.10	-10.57
<b>TOTAL</b>	<b>711.74</b>	<b>686.84</b>	<b>-24.90</b>	<b>-3.50</b>

<b>SOUTHERN</b>				
THERMAL	411.11	394.18	-16.93	-4.12
NUCLEAR	15.00	14.38	-0.62	-4.13
HYDRO	83.29	62.98	-20.32	-24.39
<b>TOTAL</b>	<b>509.41</b>	<b>471.53</b>	<b>-37.87</b>	<b>-7.43</b>

<b>EASTERN</b>				
THERMAL	336.69	294.60	-42.10	-12.50
NUCLEAR	0.00	0.00	0.00	0
HYDRO	19.39	14.52	-4.87	-25.13
<b>TOTAL</b>	<b>356.08</b>	<b>309.11</b>	<b>-46.97</b>	<b>-13.19</b>

<b>NORTH EASTERN</b>				
THERMAL	11.37	12.97	1.60	14.03
NUCLEAR	0.00	0.00	0.00	0
HYDRO	6.74	5.09	-1.65	-24.49
<b>TOTAL</b>	<b>18.11</b>	<b>18.06</b>	<b>-0.06</b>	<b>-0.31</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	862.03	875.56	13.52	1.57
STATE	1043.28	918.99	-124.29	-11.91
PRIVATE	64.61	68.29	3.68	5.70
IPPS	185.81	169.52	-16.29	-8.76
BHUTAN IMP	10.84	4.20	-6.64	-61.24
<b>TOTAL</b>	<b>2166.57</b>	<b>2036.56</b>	<b>-130.01</b>	<b>-6.00</b>

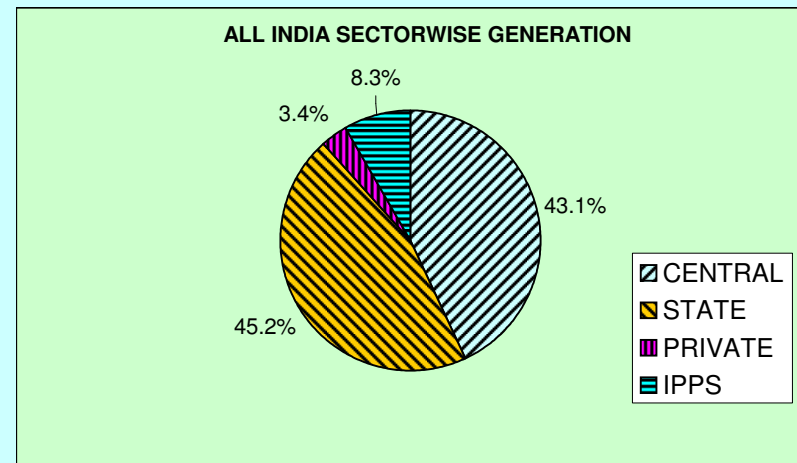
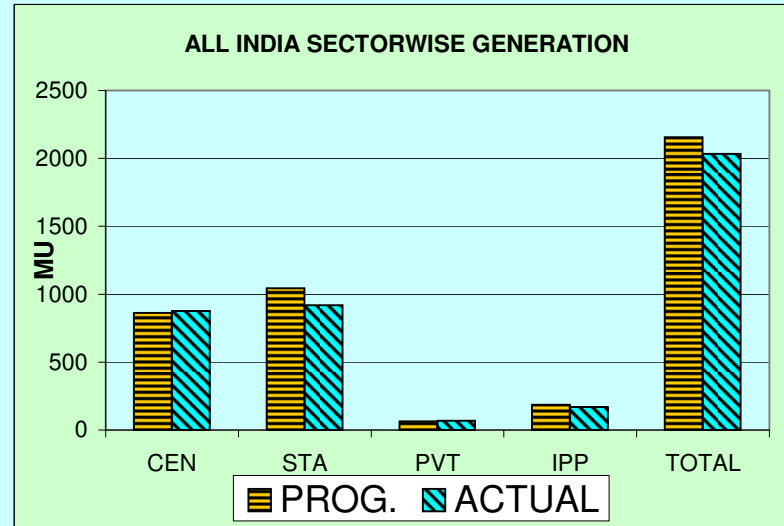
CENTRAL				
THERMAL	731.55	765.74	34.19	4.67
NUCLEAR	60.62	42.65	-17.96	-29.63
HYDRO	69.87	67.16	-2.71	-3.88
<b>TOTAL</b>	<b>862.03</b>	<b>875.56</b>	<b>13.52</b>	<b>1.57</b>

STATE				
THERMAL	879.73	798.96	-80.77	-9.18
NUCLEAR	0.00	0.00	0.00	0
HYDRO	163.55	120.03	-43.52	-26.61
<b>TOTAL</b>	<b>1043.28</b>	<b>918.99</b>	<b>-124.29</b>	<b>-11.91</b>

PRIVATE				
THERMAL	59.64	62.29	2.65	4.44
NUCLEAR	0.00	0.00	0.00	0
HYDRO	4.97	6.00	1.03	20.75
<b>TOTAL</b>	<b>64.61</b>	<b>68.29</b>	<b>3.68</b>	<b>5.70</b>

IPPS				
THERMAL	180.39	166.39	-14.00	-7.76
NUCLEAR	0.00	0.00	0.00	0
HYDRO	5.42	3.13	-2.29	-42.18
<b>TOTAL</b>	<b>185.81</b>	<b>169.52</b>	<b>-16.29</b>	<b>-8.76</b>

YEAR 2009-10  
17-Jan-2010



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

YEAR 2009-10  
 17-Jan-2010

ALL INDIA/ REGION	ANNUAL TARGET (MU)	GENERATION			
		PROG. (MU)	ACTUAL (MU)	DEVIATION	
				(MU)	(%)
<b>ALL INDIA</b>					
THERMAL	648479.58	509720.89	499250.99	-10469.90	-2.05
NUCLEAR	19000.00	14605.46	14186.04	-419.41	-2.87
HYDRO	118450.00	98123.17	89062.96	-9060.21	-9.23
BHUTAN IMP	6564.00	6004.25	5222.96	-781.29	-13.01
<b>TOTAL</b>	<b>792493.58</b>	<b>628453.76</b>	<b>607722.95</b>	<b>-20730.81</b>	<b>-3.30</b>

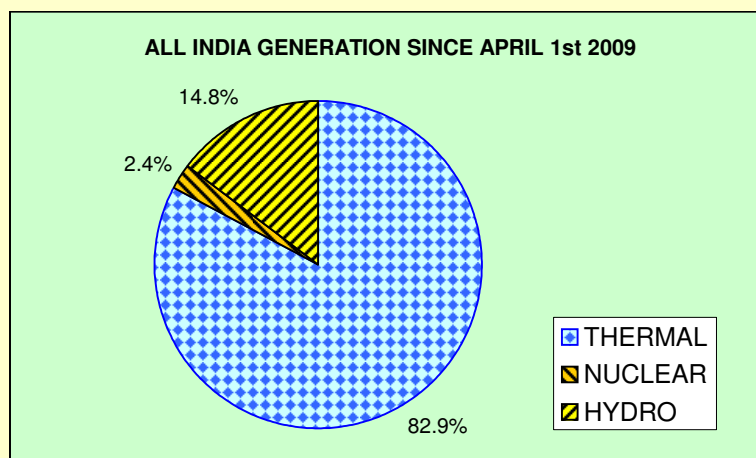
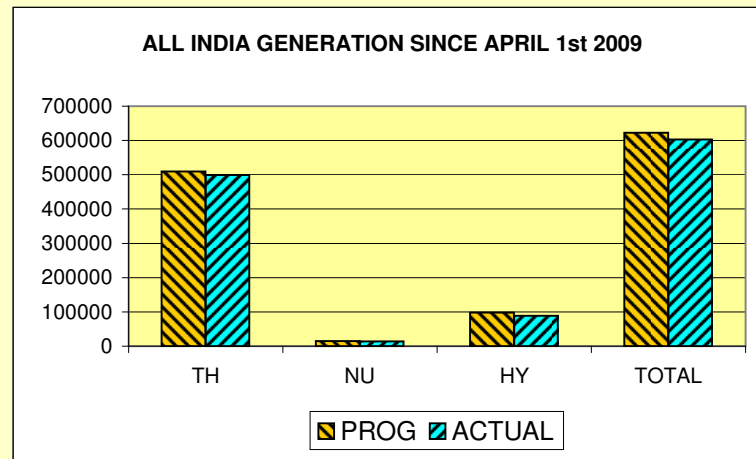
<b>NORTHERN</b>					
THERMAL	156716.69	123594.73	126237.63	2642.90	2.14
NUCLEAR	6310.00	4730.40	2914.69	-1815.72	-38.38
HYDRO	52289.00	45578.56	43881.18	-1697.38	-3.72
<b>TOTAL</b>	<b>215315.69</b>	<b>173903.70</b>	<b>173033.49</b>	<b>-870.20</b>	<b>-0.50</b>

<b>WESTERN</b>					
THERMAL	225131.81	177084.97	175595.76	-1489.21	-0.84
NUCLEAR	7750.00	6117.05	7075.93	958.88	15.68
HYDRO	16116.00	13211.44	10946.55	-2264.89	-17.14
<b>TOTAL</b>	<b>248997.81</b>	<b>196413.46</b>	<b>193618.24</b>	<b>-2795.22</b>	<b>-1.42</b>

<b>SOUTHERN</b>					
THERMAL	141145.26	110194.15	111767.44	1573.30	1.43
NUCLEAR	4940.00	3758.00	4195.43	437.43	11.64
HYDRO	32324.00	26305.00	23789.86	-2515.14	-9.56
<b>TOTAL</b>	<b>178409.26</b>	<b>140257.14</b>	<b>139752.73</b>	<b>-504.41</b>	<b>-0.36</b>

<b>EASTERN</b>					
THERMAL	121328.72	95564.75	82142.51	-13422.25	-14.05
NUCLEAR	0.00	0.00	0.00	0.00	0
HYDRO	10310.00	9043.58	7178.72	-1864.86	-20.62
<b>TOTAL</b>	<b>131638.72</b>	<b>104608.33</b>	<b>89321.23</b>	<b>-15287.10</b>	<b>-14.61</b>

<b>NORTH EASTERN</b>					
THERMAL	4157.10	3282.29	3507.65	225.36	6.87
NUCLEAR	0.00	0.00	0.00	0.00	0
HYDRO	4429.00	3984.60	3266.65	-717.95	-18.02
<b>TOTAL</b>	<b>8586.10</b>	<b>7266.89</b>	<b>6774.30</b>	<b>-492.58</b>	<b>-6.78</b>



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

YEAR 2009-10  
17-Jan-2010

From 1st. APRIL 2009 TILL DATE

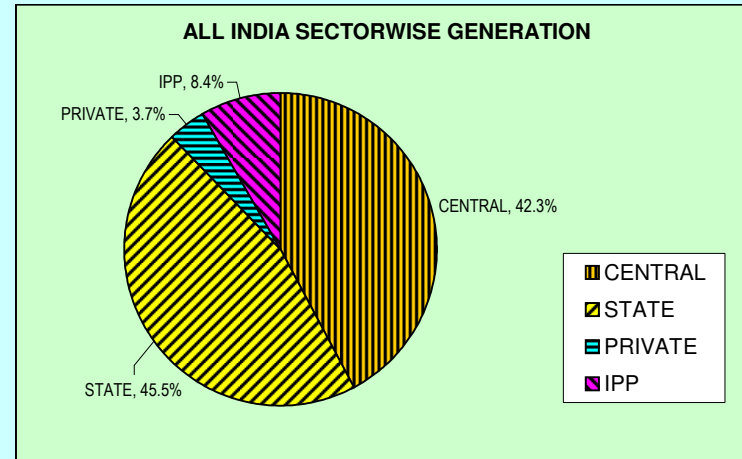
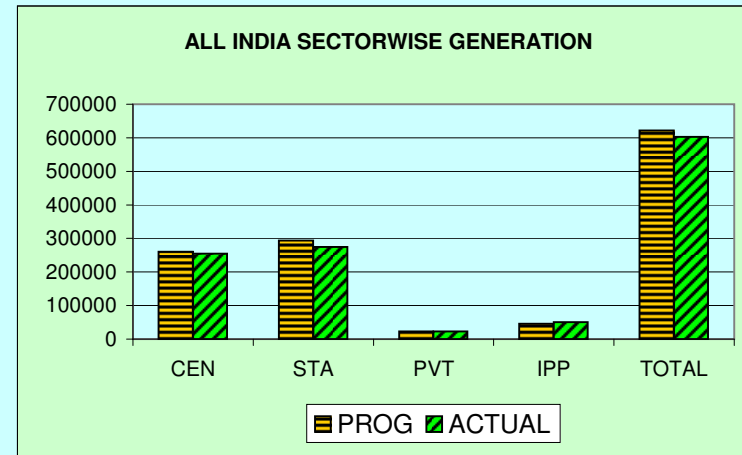
ALL INDIA / REGION	ANNUAL TARGET (MU)	GENERATION			
		PROG. (MU)	ACTUAL (MU)	DEVIATION	
				(MU)	(%)
<b>ALL INDIA</b>					
CENTRAL	323387.24	260109.61	255063.34	-5046.27	-1.94
STATE	370044.47	293314.91	274230.63	-19084.28	-6.51
PRIVATE	28486.04	22606.00	22469.30	-136.70	-0.60
IPPS	60758.83	46165.62	50515.21	4349.60	9.42
BHUTAN IMP	6564.00	6004.25	5222.96	-781.29	-13.01
<b>TOTAL</b>	<b>773044.00</b>	<b>628200.38</b>	<b>607501.43</b>	<b>-20698.94</b>	<b>-3.29</b>

<b>CENTRAL</b>					
THERMAL	261148.24	207625.36	205423.91	-2201.45	-1.06
NUCLEAR	19000.00	14605.46	14186.04	-419.41	-2.87
HYDRO	43239.00	37878.79	35453.39	-2425.40	-6.40
<b>TOTAL</b>	<b>323387.24</b>	<b>260109.61</b>	<b>255063.34</b>	<b>-5046.27</b>	<b>-1.94</b>

<b>STATE</b>					
THERMAL	303192.47	237699.51	225667.28	-12032.23	-5.06
NUCLEAR	0.00	0.00	0.00	0.00	0
HYDRO	66852.00	55615.40	48563.35	-7052.05	-12.68
<b>TOTAL</b>	<b>370044.47</b>	<b>293314.91</b>	<b>274230.63</b>	<b>-19084.28</b>	<b>-6.51</b>

<b>PRIVATE</b>					
THERMAL	26938.04	21383.53	21262.21	-121.31	-0.57
NUCLEAR	0.00	0.00	0.00	0.00	0
HYDRO	1548.00	1222.47	1207.08	-15.39	-1.26
<b>TOTAL</b>	<b>28486.04</b>	<b>22606.00</b>	<b>22469.30</b>	<b>-136.70</b>	<b>-0.60</b>

<b>IPPS</b>					
THERMAL	57200.83	43012.49	46897.59	3885.10	9.03
NUCLEAR	0.00	0.00	0.00	0.00	0
HYDRO	3558.00	3153.12	3617.62	464.50	14.73
<b>TOTAL</b>	<b>60758.83</b>	<b>46165.62</b>	<b>50515.21</b>	<b>4349.60</b>	<b>9.42</b>

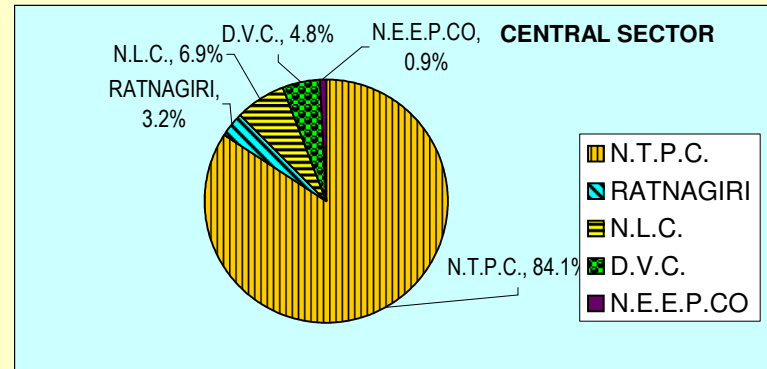


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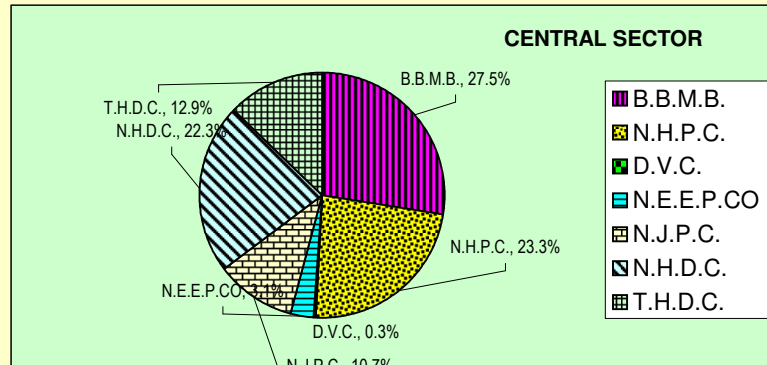
**CENTRAL ELECTRICITY AUTHORITY  
GENERATION BY CENTRAL SECTOR UTILITIES FOR**

YEAR 2009-10  
17-Jan-2010

AGENCY	GENERATION			
	PROG. (MU)	ACTUAL (MU)	DEVIATION	
			(MU)	(%)
<b>THERMAL</b>				
N.T.P.C.	581.74	642.50	60.76	10.44
RATNAGIRI	25.19	24.08	-1.11	-4.42
N.L.C.	51.06	52.93	1.86	3.65
D.V.C.	62.68	36.85	-25.83	-41.21
N.E.E.P.CO	6.07	7.22	1.15	19.01
<b>TOTAL</b>	<b>726.74</b>	<b>763.57</b>	<b>36.83</b>	<b>5.07</b>



<b>HYDRO</b>				
B.B.M.B.	21.42	18.47	-2.95	-13.75
N.H.P.C.	17.16	15.66	-1.50	-8.76
D.V.C.	0.36	0.20	-0.16	-43.94
N.E.E.P.CO	3.55	2.07	-1.48	-41.60
N.J.P.C.	6.36	7.16	0.80	12.64
N.H.D.C.	10.45	14.97	4.52	43.24
T.H.D.C.	10.58	8.63	-1.95	-18.41
<b>TOTAL</b>	<b>69.87</b>	<b>67.16</b>	<b>-2.71</b>	<b>-3.88</b>



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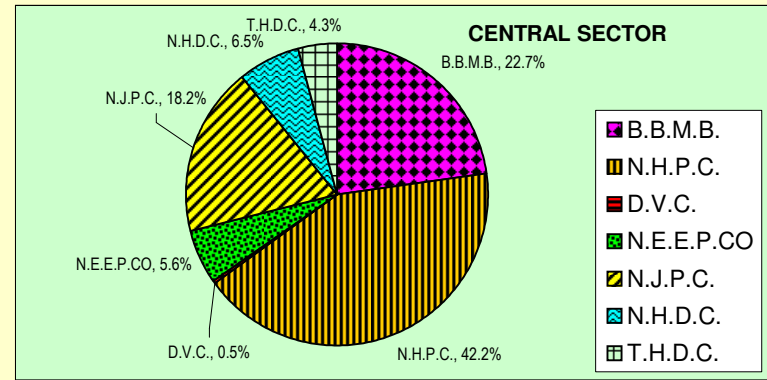
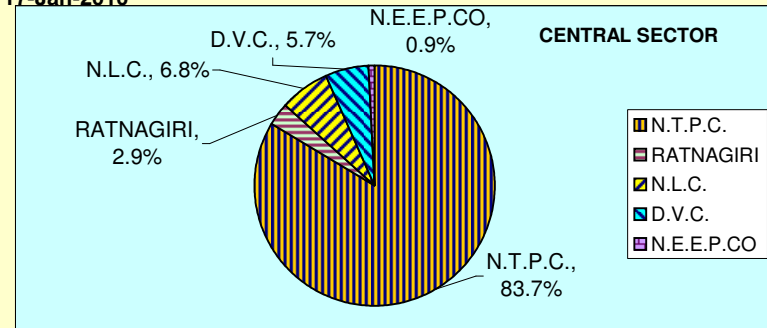
**CENTRAL ELECTRICITY AUTHORITY  
GENERATION BY CENTRAL SECTOR UTILITIES FOR**

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

**YEAR 2009-10  
17-Jan-2010**

AGENCY	ANNUAL TARGET (MU)	GENERATION			
		PROG. (MU)	ACTUAL (MU)	DEVIATION	
				(MU)	(%)
<b>THERMAL</b>					
N.T.P.C.	210292.00	168190.70	171117.68	2926.98	1.74
RATNAGIRI	9600.00	7776.28	5894.08	-1882.20	-24.20
N.L.C.	16445.00	12714.09	13908.58	1194.49	9.39
D.V.C.	20620.00	15711.52	11652.67	-4058.86	-25.83
N.E.E.P.CO	2286.00	1813.12	1923.66	110.53	6.10
<b>TOTAL</b>	<b>259243.00</b>	<b>206205.71</b>	<b>204496.65</b>	<b>-1709.06</b>	<b>-0.83</b>

<b>HYDRO</b>					
B.B.M.B.	10500.00	9051.12	8063.68	-987.45	-10.91
N.H.P.C.	16675.00	14924.74	14962.48	37.74	0.25
D.V.C.	325.00	304.04	162.93	-141.11	-46.41
N.E.E.P.CO	3001.00	2737.32	1999.73	-737.59	-26.95
N.J.P.C.	6400.00	5908.04	6457.09	549.06	9.29
N.H.D.C.	3488.00	2780.67	2288.59	-492.08	-17.70
T.H.D.C.	2850.00	2172.88	1518.90	-653.98	-30.10
<b>TOTAL</b>	<b>43239.00</b>	<b>37878.79</b>	<b>35453.39</b>	<b>-2425.41</b>	<b>-6.40</b>



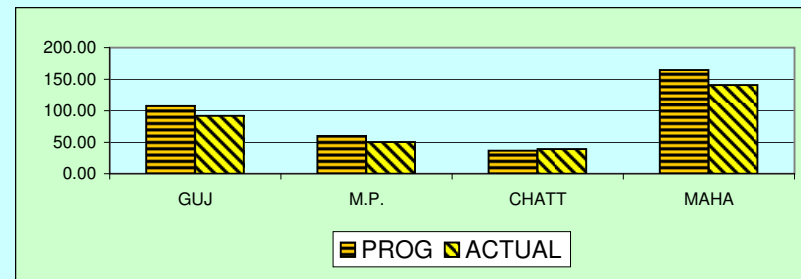
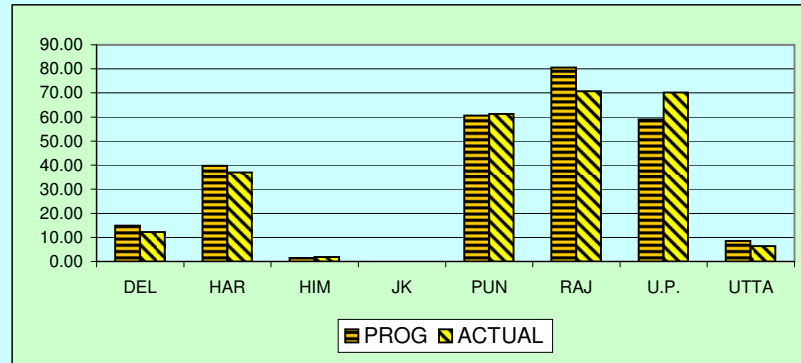
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**CENTRAL ELECTRICITY AUTHORITY  
GENERATION BY STATE SECTOR UTILITIES FOR**

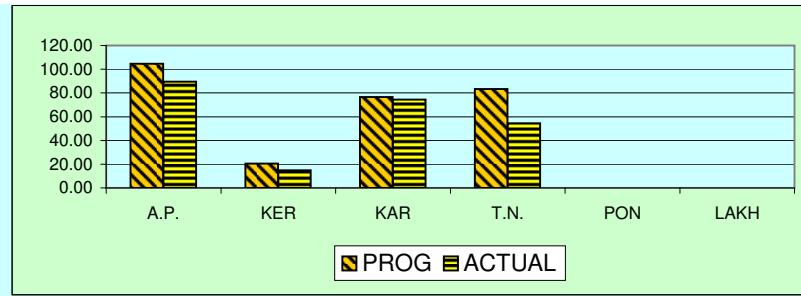
**YEAR 2009-10  
17-Jan-2010**

AGENCY	GENERATION			
	PROG. (MU)	ACTUAL (MU)	DEVIATION	
			(MU)	(%)
<b>ALL INDIA</b>	<b>1043.28</b>	<b>918.99</b>	<b>-124.29</b>	<b>-0.12</b>
<b>NORTHERN</b>				
DELHI	14.91	12.17	-2.73	-18.33
HARYANA	39.69	37.02	-2.66	-6.71
HIMACHAL	1.48	1.91	0.43	28.79
JK	0.00	0.00	0.00	0
PUNJAB	60.61	61.22	0.61	1.01
RAJASTHAN	80.50	70.71	-9.79	-12.16
UTTAR PRADESH	59.00	70.23	11.23	19.04
UTTARAKHAND	8.55	6.34	-2.21	-25.84
<b>TOTAL</b>	<b>264.72</b>	<b>259.60</b>	<b>-5.12</b>	<b>-1.93</b>

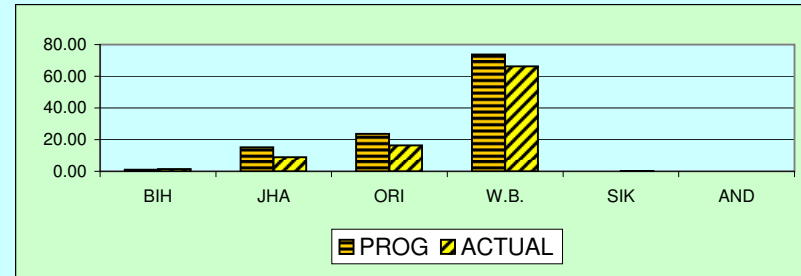
<b>WESTERN</b>				
GUJARAT	107.59	91.67	-15.92	-14.80
MADHYA PRADESH	59.71	50.02	-9.69	-16.23
CHHATTISGARH	36.62	39.00	2.38	6.50
MAHARASHTRA	164.56	140.65	-23.90	-14.53
<b>TOTAL</b>	<b>368.47</b>	<b>321.34</b>	<b>-47.14</b>	<b>-12.79</b>



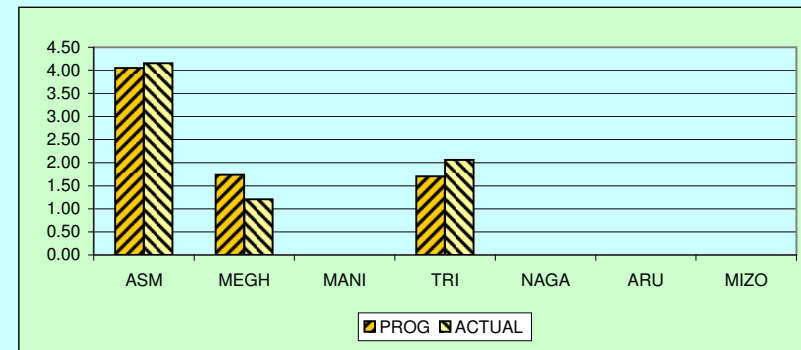
SOUTHERN				
ANDHRA PRADESH	104.53	89.43	-15.10	-14.44
KERALA	20.43	14.73	-5.70	-27.91
KARNATAKA	76.60	74.43	-2.17	-2.83
TAMIL NADU	83.45	54.39	-29.06	-34.82
PUDUCHURU	0.00	0.00	0.00	0
LAKSHADWEEP	0.00	0.08	0.08	0
TOTAL	285.01	233.06	-51.95	-18.23



EASTERN				
BIHAR	0.97	1.38	0.41	42.56
JHARKHAND	15.06	8.80	-6.26	-41.58
ORISSA	23.71	16.28	-7.43	-31.34
WEST BANGAL	73.75	66.23	-7.52	-10.19
SIKKIM	0.00	0.12	0.12	0
ANDAMAN NICOBAR	0.00	0.00	0.00	0
TOTAL	113.49	92.81	-20.68	-18.22



NORTH EASTERN				
ASSAM	4.05	4.16	0.11	2.69
MEGHALAYA	1.74	1.21	-0.53	-30.67
MANIPUR	0.00	0.00	0.00	0
TRIPURA	1.71	2.06	0.35	20.60
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	7.42	-0.07	-0.97



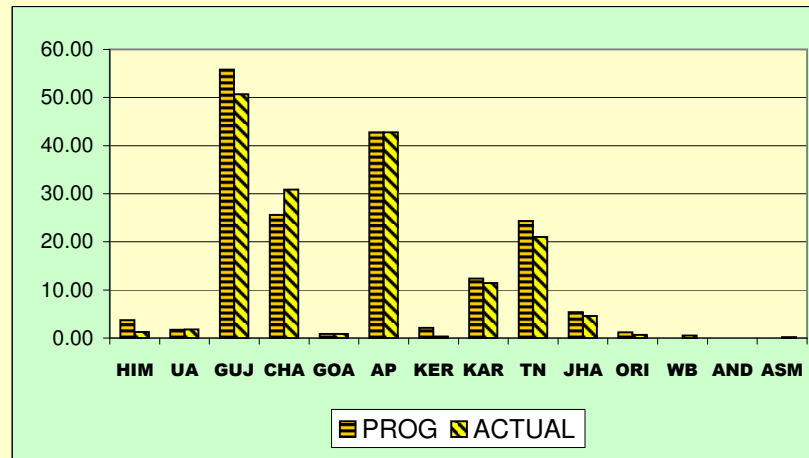
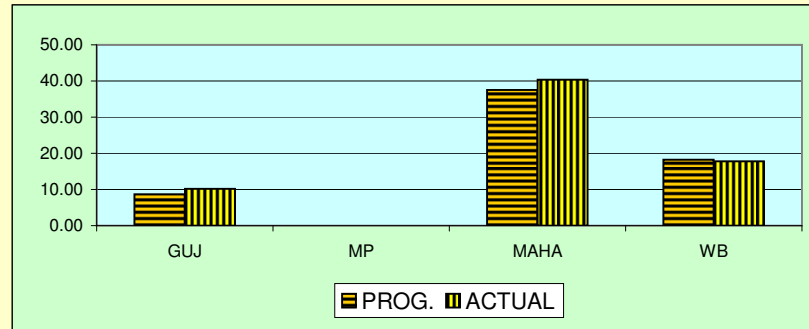
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**CENTRAL ELECTRICITY AUTHORITY  
GENERATION BY PRIVATE SECTOR PROJECTS FOR**

AGENCY	GENERATION			
	PROG. (MU)	ACTUAL (MU)	DEVIATION	
			(MU)	(%)
<b>PVT SECTOR UTILITIES</b>				
GUJARAT	8.66	10.18	1.52	17.51
MADHYA PRADESH	0.00	0.00	0.00	0
MAHARASHTRA	37.48	40.32	2.84	7.57
WEST BANGAL	18.21	17.79	-0.42	-2.29
<b>TOTAL</b>	<b>64.35</b>	<b>68.29</b>	<b>3.94</b>	<b>6.12</b>

<b>IPPS</b>				
HIMACHAL	3.71	1.26	-2.45	-66.03
UTTARAKHAND	1.71	1.79	0.08	4.85
GUJARAT	55.84	50.66	-5.17	-9.26
CHHATTISGARH	25.61	30.90	5.29	20.66
GOA	0.87	0.86	-0.01	-1.04
ANDHRA PRADESH	42.80	42.75	-0.04	-0.10
KERALA	2.13	0.31	-1.82	-85.44
KARNATAKA	12.35	11.41	-0.94	-7.60
TAMIL NADU	24.36	21.02	-3.34	-13.71
JHARKHAND	5.39	4.61	-0.77	-14.35
ORISSA	1.19	0.69	-0.51	-42.50
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>175.94</b>	<b>166.96</b>	<b>-8.98</b>	<b>-5.10</b>

YEAR 2009-10  
17-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
	(%)	(%)	(%)	(%)
<b>ALL INDIA</b>				
<b>THERMAL</b>	78.84	78.91	76.66	76.17
<b>NUCLEAR</b>	55.42	47.99	49.07	49.31

NORTHERN				
THERMAL	82.75	84.36	77.04	81.79
NUCLEAR	63.76	42.18	52.50	34.84

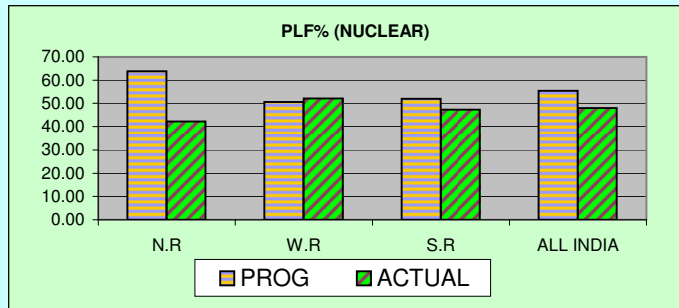
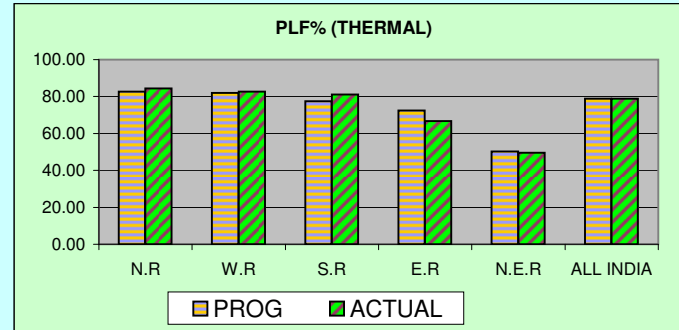
WESTERN				
THERMAL	81.91	82.65	78.59	78.10
NUCLEAR	50.62	52.16	47.24	55.49

SOUTHERN				
THERMAL	77.38	81.09	80.56	82.43
NUCLEAR	51.93	47.25	48.25	54.48

EASTERN				
THERMAL	72.38	66.79	70.86	62.96

NORTH EASTERN				
THERMAL	50.30	49.58	51.41	49.06

Best PLF for Dec 09 **DAHANU TPS (105.97)**  
 Best PLF for Dec 08 **0**



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