




## ENERGY CONSERVATION MEASURE IMPLEMENTED IN 2006-07

	<b>Title of the measure</b>	<b>Sector:</b> <b>OFFICE BUILDINGS</b>			
<b>Year:</b>	<b>Replacement of incandescent bulb with CFL</b>	<b>Technology:</b> <b>CFL</b>			
Description of Energy Conservation Measure:					
In the institute incandescent bulb of 100 watts were in use at lamp post /street light As an energy Conservation measure 20 nos. of 100 watt incandescent bulbs are replaced with 18 watt CFL.					
Picture/sketch/drawing before modification (if available)			Picture/Sketch/drawing after Modification		
					
Agency that executed the project (With complete address and e-mail):					Nil
Total investment,		Rs. 3850	Year of Implementation: 2006		
First year energy cost saving,		Rs. 27,594/=			
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil KL	Other
Energy consumption before	8760				
Energy consumption after	1576				
Energy tariff, Rs/Kwh/Ton/Nm <sup>3</sup> /KL	3.90				

<p>Company Complete Address:</p> <p>Central Pulp &amp; Paper Research Institute Post Box No. 174, Paper Mill Road, Himmat Nagar, Saharanpur – 247001 (U.P) INDIA</p> <p>Tel. Direct (0132) 2714050 Tel. EPABX (0132) 2714059, 2714061, 2714062 Fax (0132) 2714052, 2714054, Email: <a href="mailto:director@cppri.org.in">director@cppri.org.in</a></p> <p>Contact Person who could be contacted for more information:</p> <p>Dr. B.P Thapliyal Sc. E-I &amp; Head Engineering Division <a href="mailto:bipin_thapliyal@yahoo.com">bipin_thapliyal@yahoo.com</a></p>	<p>We authorise Bureau to use this information for dissemination</p> <p>Signature:</p> <p>Date:</p>
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## ENERGY CONSERVATION MEASURE IMPLEMENTED IN 2006-07

	<b>Title of the measure</b>	<b>Sector:</b>
<b>Year:</b>	<b>Automatic Power Factor Control Panel</b>	<b>OFFICE BUILDINGS</b>
		<b>Technology:</b>
		<b>Automatic Power Factor Control Panel</b>
<p>Description of Energy Conservation Measure:</p> <p>In the Institute a Automatic Power Factor Control Panel of 300 KVAR (50 KVAR x 6) has been installed in the month of March/April, 2006 to improve the power factor for energy conservation against T&amp;D losses and avoid the penalty against maintaining low power factor. Moreover now the institute is getting rebate on account of improved power factor. In the year 2005 – 06 Institute paid Rs. 2,33,051 for maintaining low power factor.</p>		
Picture/sketch/drawing before modification (if available)		Picture/Sketch/drawing after Modification
		
Agency that executed the project (With complete address and e-mail):		Nil
Total investment,	Rs. 11,39,224.00	Year of Implementation : 2006
First year energy cost saving,	Rs. 75,792.00	
First year other savings, Rs.:	Rs. 2,84,044	

On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil KL	Other
Energy consumption before	505304				
Energy consumption after	485870				
Energy tariff, Rs/Kwh/Ton/Nm <sup>3</sup> /KL	3.90				
<p>Company Complete Address:</p> <p>Central Pulp &amp; Paper Research Institute  Post Box No. 174, Paper Mill Road,  Himmat Nagar, Saharanpur – 247001 (U.P) INDIA</p> <p>Tel. Direct (0132) 2714050  Tel. EPABX (0132) 2714059, 2714061, 2714062  Fax (0132) 2714052, 2714054, Email: <a href="mailto:director@cppri.org.in">director@cppri.org.in</a></p> <p>Contact Person who could be contacted for more information:</p> <p>Dr. B.P Thapliyal Sc. E-I &amp; Head Engineering Division  bipin_thapliyal@yahoo.com</p>				<p>We authorise Bureau to use this information for dissemination</p> <p>Signature:</p> <p>Date:</p>	