





## Energy Conservation Measure implemented in 2007

(To be filled up separately for each Energy Conservation Measure)

ID to be filled by BEE	Title of the measure <b><u>Modifications of Existing Equipment</u></b>	Sector .....			
Year to be filled by BEE		Technology .....			
Description of the energy conservation measure:  <b style="text-align: center;">Energy Efficient Lights fitted on Assy Lines, Warehouse, Offices &amp; Utility Area</b>					
<b>Picture/ sketch/ drawing before modification</b> (if available)	<b>Picture/ sketch/ drawing after modification</b>				
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: <b>5.20 Lacs</b>	Year of implementation: <b>2007</b>				
First year energy cost savings, <b>Rs. : 5.27 Lacs</b>					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>112.42</b>				
Energy consumption after	<b>33.72</b>				
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL ...	<b>@ 6.7</b>				
<b>Company complete address:</b> <b>Carrier Airconditioning &amp; Refrigeration Limited, Narsingpur, Kherki Daula Post, Delhi-Jaipur Highway, Gurgaon-122001 Haryana</b> <b>Contact person who could be contacted for more information:</b> <b>Mr. Kapil Sardana Manager EHS Mobile: 9818600561</b> <b>Tel 0124-2373310 Fax -0124-2372230 kapil.sardana@carrier.utc.com</b>				We authorise Bureau to use this information for dissemination	
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ID to be filled by BEE	Title of the measure  <b><u>Energy Substitution</u></b>	Sector .....			
Year to be filled by BEE		Technology .....			
<b><u>Description of the energy conservation measure:</u></b>					
<b>Paint Shop &amp; Utility exhaust fans replaced with Wind Operated Eco Ventilator</b>					
<b>Picture/ sketch/ drawing before modification</b> (if available)			<b>Picture/ sketch/ drawing after modification</b>		
					
Agency that executed the project (with complete address and email):					
Total investment, <b>Rs.: 0.90 Lacs</b>			Year of implementation: <b>2007</b>		
First year energy cost savings, <b>Rs.: 1.88</b>					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>28000</b>				
Energy consumption after	<b>0</b>				
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL ...	<b>@ 6.7</b>				
<b>Company complete address:</b> <b>Carrier Airconditioning &amp; Refrigeration Limited, Narsingpur, Kherki Daula Post, Delhi-Jaipur Highway, Gurgaon-122001 Haryana</b> <b>Contact person who could be contacted for more information:</b> <b>Mr. Kapil Sardana Manager EHS Mobile: 9818600561</b> <b>Tel 0124-2373310 Fax -0124-2372230 kapil.sardana@carrier.utc.com</b>				We authorise Bureau to use this information for dissemination	
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Year to be filled by BEE		Technology .....			
<b><u>Description of the energy conservation measure:</u></b>					
<p><b>Air Cooling Plant running during idle hours (Lunch &amp; Tea Time). Manual starting provision replaced with Electronic Cyclic Timer having auto stoppage during idle hours.</b></p>					
<b>Picture/ sketch/ drawing before modification</b> (if available)	<b>Picture/ sketch/ drawing after modification</b>				
 <p>•Air Cooling Plant •Electric Panel Without Cyclic Timer •Energy Consumption Per Day 2100 KWH/Day</p>	 <p>&gt;Electronic Cyclic Timer &gt;Setting of Operation &gt;Auto stoppage during ideal hours &gt;Energy Reduction 150 KWH/Day</p>				
Agency that executed the project (with complete address and email):					
Total investment, <b>Rs.: 0.20 Lacs</b>	Year of implementation: <b>Feb 2006</b>				
First year energy cost savings, <b>Rs.: 1.7 Lacs</b>					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>367500</b>				
Energy consumption after	<b>341250</b>				
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL ...	<b>@6.5</b>				
<b>Company complete address:</b> <b>Carrier Airconditioning &amp; Refrigeration Limited, Narsingpur, Kherki Daula Post, Delhi-Jaipur Highway, Gurgaon-122001 Haryana</b> <b>Contact person who could be contacted for more information:</b> <b>Mr. Kapil Sardana Manager EHS Mobile: 9818600561</b> <b>Tel 0124-2373310 Fax -0124-2372230 kapil.sardana@carrier.utc.com</b>				We authorise Bureau to use this information for dissemination  Signature  Date	



## Energy Conservation Measure implemented in 2007

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ID to be filled by BEE	Title of the measure			Sector .....		
Year to be filled by BEE	<b>Energy substitution/switching measures</b>			Technology .....		
<b>Description of the energy conservation measure:</b>						
<b>Substitution of fuel oil with low cost fuel (CIX) in boilers/furnaces for energy cost reduction</b>						
<b>Picture/ sketch/ drawing before modification</b> (if available)				<b>Picture/ sketch/ drawing after modification</b>		
Use of High Speed Diesel in Thermo Pac				Replacement of fuel from HSD to CIX in Thermo Pac (Low Consumption & Cheaper Fuel)		
Agency that executed the project (with complete address and email):						
Total investment, <b>Rs.: 1.00 Lacs</b>				Year of implementation: <b>2007</b>		
First year energy cost savings, <b>Rs.: 7.82 Lacs</b>						
First year other savings, Rs.:						
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other	
Energy consumption before				<b>364</b>		
Energy consumption after				<b>325</b>		
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL ...				<b>@ 20850</b>		
<b>Company complete address:</b> Carrier Airconditioning & Refrigeration Limited, Narsingpur, Kherki Daula Post, Delhi-Jaipur Highway, Gurgaon-122001 Haryana <b>Contact person who could be contacted for more information:</b> Mr. Kapil Sardana Manager EHS Mobile: 9818600561 Tel 0124-2373310 Fax -0124-2372230 kapil.sardana@carrier.utc.com:				We authorise Bureau to use this information for dissemination		
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ID to be filled by BEE	Title of the measure <b>Energy substitution/switching measures</b>	Sector. ....			
Year to be filled by BEE		Technology .....			
<b><u>Description of the energy conservation measure:</u></b>					
<p><b>High Capacity DG Set (400 Kva) used for less electricity load having fuel consumption 45 Ltr per Hour. Installed DG Set of 250 Kva (Old DG Set after overhauling) with fuel consumption 30 Ltr/Hour.</b></p>					
<b>Picture/ sketch/ drawing before modification</b> (if available)	<b>Picture/ sketch/ drawing after modification</b>				
<div style="background-color: #e67e22; color: white; padding: 10px;">  <ul style="list-style-type: none"> <li>•400 kva D.G Set Run</li> <li>•Fuel Consumption 45 LPH</li> </ul> <p style="text-align: center; margin-top: 10px;"><b>400 KVA DG SET</b></p> </div>	<div style="background-color: #e67e22; color: white; padding: 10px;">  <ul style="list-style-type: none"> <li>•250 kva D.G Set Installed</li> <li>•Fuel Consumption 30 LPH</li> </ul> <p style="text-align: center; margin-top: 10px;"><b>250 KVA DG SET</b></p> </div>				
Agency that executed the project (with complete address and email):					
Total investment, <b>Rs.: 0.32 Lacs</b>	Year of implementation: <b>Jan 2006</b>				
First year energy cost savings, Rs.:					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before				<b>45/Hr</b>	
Energy consumption after				<b>30/Hr</b>	
Energy tariff, Rs/Ltr ...				<b>@28</b>	
<b>Company complete address:</b> <b>Carrier Airconditioning &amp; Refrigeration Limited, Narsingpur, Kherki Daula Post, Delhi-Jaipur Highway, Gurgaon-122001 Haryana</b> <b>Contact person who could be contacted for more information:</b> <b>Mr. Kapil Sardana Manager EHS Mobile: 9818600561</b> <b>Tel 0124-2373310 Fax -0124-2372230 kapil.sardana@carrier.utc.com</b>				We authorise Bureau to use this information for dissemination  Signature  Date	

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Year to be filled by BEE		Technology .....
<b><u>Description of the energy conservation measure:</u></b>		
<b>Picture/ sketch/ drawing before modification</b> (if available)	<b>Picture/ sketch/ drawing after modification</b>	
<ul style="list-style-type: none"> <li>■ Use Of Lights in Day Time In Warehouse &amp; Shop Floor</li> <li>■ Roof Covered With GI Sheet</li> <li>■ Nos Of Lights – 50</li> <li>■ Wattage -290</li> </ul>		
Agency that executed the project (with complete address and email):		
Total investment, <b>Rs.: 3.3 Lacs</b>	Year of implementation : <b>2007</b>	
First year energy cost savings, <b>Rs.: 2.72 Lacs</b>		
First year other savings, Rs.:		
On annual basis	kWh 000'	Coal (Tons)
Energy consumption before	<b>41</b>	
Energy consumption after	<b>0</b>	
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL ...	<b>@6.7</b>	
<b>Company complete address:</b> <b>Carrier Airconditioning &amp; Refrigeration Limited, Narsingpur, Kherki Daula Post, Delhi-Jaipur Highway, Gurgaon-122001 Haryana</b> <b>Contact person who could be contacted for more information:</b> <b>Mr. Kapil Sardana Manager EHS Mobile: 9818600561</b> <b>Tel 0124-2373310 Fax -0124-2372230 kapil.sardana@carrier.utc.com</b>		We authorise Bureau to use this information for dissemination  Signature  Date