


### Energy Conservation Measure implemented in 2007-2008


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

ID to be filled by BEE	Title of the measure <b>Replacement of low productivity auto coner with high production auto coner (Schlafhorst 338 )</b>	<b>Sector TEXTILE</b>			
Year to be filled by BEE		Technology .....			
Description of the energy conservation measure:  <b>Replacement of old Muratec Autoconer with Advanced technology Schlafhorst 338 Autoconer.</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): Saurer India Pvt.Ltd.Mumbai					
<b>Total investment, Rs.: 455.89255 Lacs</b>			Year of implementation: 2007-08		
<b>First year energy cost savings :Rs. 12.738 Lacs/year</b>					
First year other savings, Rs.					
<b>On annual basis</b>	<b>kWh 000'</b>	<b>Coal (Tons)</b>	<b>Gas Nm<sup>3</sup></b>	<b>Oil (kL)</b>	<b>Other</b>
Energy consumption before	952200	NA	NA	NA	NA
Energy consumption after	649980	NA	NA	NA	NA
Energy tariff, Rs/ kWh	4.208	NA	NA	NA	NA
Company complete address: <b>Rishab spinning Mills, (Prop. Nahar Spinning Mills Ltd.) Pakhawal Road, Vill. : JODHAN, Distt. : Ludhiana (Punjab) Pin - 142029</b>				We authorise Bureau to use this information for dissemination  Signature  Date	
Contact person who could be contacted for more information: <b>Mr. T. S. Gill (VP Engg. &amp; Util.)</b>					

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ID to be filled by BEE	Title of the measure <b>Installation of VSD GA55 Compressor</b>	<b>Sector Textile</b>			
Year to be filled by BEE		Technology .....			
Description of the energy conservation measure: <b>Installation of VSD GA55 Compressor</b> <b>To maintain the constant pressure of compressed air and to save energy with the help of Variable frequency drive (VFD) motor.</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): Atlas Copco					
<b>Total investment, Rs.: 10.11 Lacs</b>			Year of implementation: 2007-08		
<b>First year energy cost savings, Rs.: 5.635 Lacs</b>					
First year other savings, Rs.:					
<b>On annual basis</b>	<b>kWh 000'</b>	<b>Coal (Tons)</b>	<b>Gas Nm<sup>3</sup></b>	<b>Oil (kL)</b>	<b>Other</b>
Energy consumption before	<b>293760</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Energy consumption after	<b>159840</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Energy tariff, Rs/ kWh/	<b>4.208</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Company complete address: <b>Rishab spinning Mills, (Prop. Nahar Spinning Mills Ltd.) Pakhawal Road, Vill. : JODHAN, Distt. : Ludhiana (Punjab) Pin - 142029</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>Sector Textile</b>			
Year to be filled by BEE	<b>Installation of Variable Frequency Drive ( VFD ) on Autoconer machine</b>	Technology .....			
Description of the energy conservation measure: <b>Installation of Variable Frequency Drive ( VFD ) on Autoconer for their main motor to maintain the constant vacuum and to save energy.</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): Soliton automation ,coimbatore					
<b>Total investment, Rs.:8 lacs</b>			Year of implementation: 2007-08		
<b>First year energy cost savings, Rs.: 13.93 Lacs</b>					
First year other savings, Rs.:					
<b>On annual basis</b>	<b>kWh 000'</b>	<b>Coal (Tons)</b>	<b>Gas Nm<sup>3</sup></b>	<b>Oil (kL)</b>	<b>Other</b>
Energy consumption before	<b>960480</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Energy consumption after	<b>629280</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Energy tariff, Rs/ kWh/	<b>4.208</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Company complete address: <b>Rishab spinning Mills, (Prop. Nahar Spinning Mills Ltd.) Pakhawal Road, Vill. : JODHAN, Distt. : Ludhiana (Punjab) Pin - 142029</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>Modification of Trolleys of Yarn Conditioning Machine</b>		<b>Sector Textile</b>		
Year to be filled by BEE			Technology .....		
Description of the energy conservation measure:  <b>We increase Yarn conditioning capacity of the machine by modifying the old Trolley's with the new design.</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): At site					
<b>Total investment, Rs.:0.75 Lacs</b>			Year of implementation: 2007-08		
<b>First year energy cost savings, Rs.: 2.84Lacs</b>					
First year other savings, Rs.:					
<b>On annual basis</b>	<b>kWh 000'</b>	<b>Coal (Tons)</b>	<b>Gas Nm<sup>3</sup></b>	<b>Oil (kL)</b>	<b>Other</b>
Energy consumption before	<b>432000</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Energy consumption after	<b>364417</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Energy tariff, Rs/ kWh	<b>4.208</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
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ID to be filled by BEE	Title of the measure  <b>Installation of Nestling Crafting Stop motion on Speed Frame</b>		<b>Sector Textile</b>		
Year to be filled by BEE			Technology .....		
Description of the energy conservation measure: <b>We Installed Electronic Roving break stop motion there by stopping the pneumafill fans on 14 Speed frames, which resulted in saving of power.</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
<b>Total investment, Rs.: 1.071 Lacs</b>			Year of implementation:2007-08		
<b>First year energy cost savings, Rs.: 9.453 Lacs</b>					
First year other savings, Rs.:					
<b>On annual basis</b>	<b>kWh 000'</b>	<b>Coal (Tons)</b>	<b>Gas Nm<sup>3</sup></b>	<b>Oil (kL)</b>	<b>Other</b>
Energy consumption before	<b>22460</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Energy consumption after	<b>0</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Energy tariff, Rs/ kWh	<b>4.208</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
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ID to be filled by BEE	<b>Title of the measure</b>		<b>Sector Textile</b>		
Year to be filled by BEE	<b>Modification in waste recovery system</b>		Technology .....		
Description of the energy conservation measure: <b>In order to reduce the back air pressure we installed Disc filter which resulted in reduction of power consumption</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):					
<b>Total investment, Rs.: 0.3 (Lacs)</b>			Year of implementation:		
<b>First year energy cost savings, Rs.: 1.37 Lacs</b>					
First year other savings, Rs.:					
<b>On annual basis</b>	<b>kWh 000'</b>	<b>Coal (Tons)</b>	<b>Gas Nm<sup>3</sup></b>	<b>Oil (kL)</b>	<b>Other</b>
Energy consumption before	<b>219225</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Energy consumption after	<b>186595</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
Energy tariff, Rs/ kWh/	<b>4.208</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
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