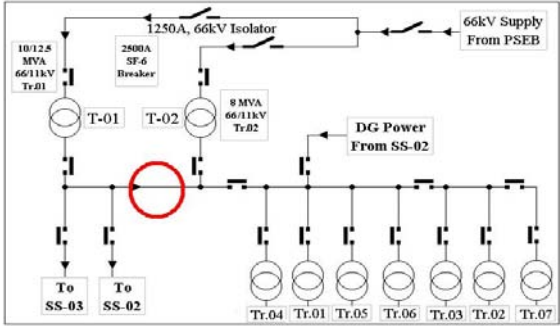
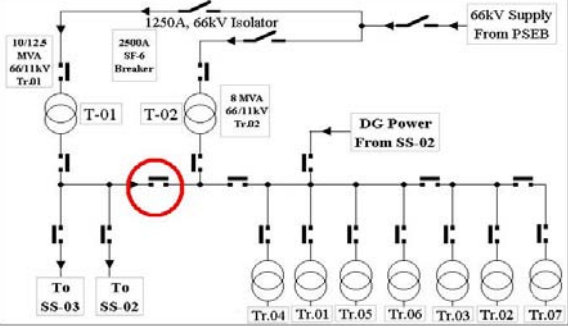


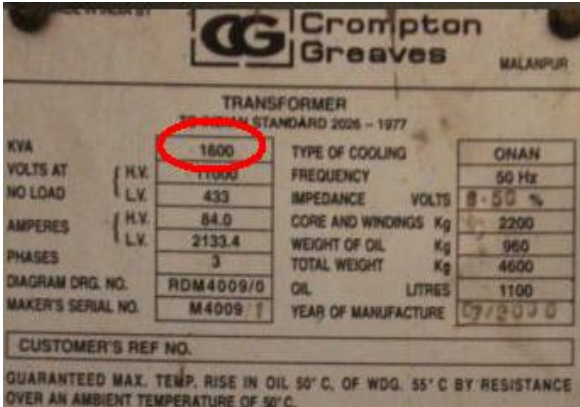
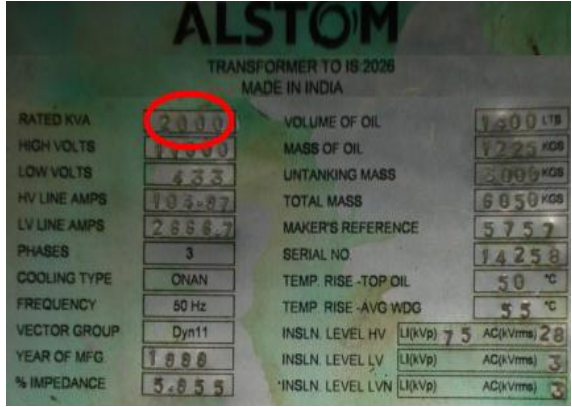
## Energy Conservation Measure Implemented in 2007-2008

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

<b>ID to be filled by BEE</b>	<b>Title of the Measure</b>				<b>Sector</b>
	<b>Energy saving by running both the 8MVA &amp; 10MVA Transformers simultaneously on 50% loading, to reduce the copper losses.</b>				<b>Textile</b>
<b>Year be filled by BEE</b>					<b>Technology</b>
<p><b>Description of the Energy Conservation Measure:</b></p> <p>We are having one two nos (8 MVA &amp; 10 MVA ) Power Transformer. Total load was running on one Transformer &amp; other Transformer kept in standby mode.</p> <p>We have modified the 11kV distribution system &amp; strated loading on both the Transformers simultaneously on 50% load. we achieved a saving of Rs.10.00 Laks/Annum by reducing copper losses.</p>					
<p><b>Picture/ Sketch /Drawing before modification</b> (If available)</p> 			<p><b>Picture/ Sketch /Drawing after modification</b></p> 		
<b>Total Invstment, Rs.</b>	<b>1200000</b>		<b>Year of Implementation</b>	<b>2007-2008</b>	
<b>First Year Energy Cost Savings, Rs.</b>	<b>1000000</b>				
<b>First Year Other Savings, Rs.</b>					
<b>On Annual Basis</b>	kWh 000	Coal (tons)	Gas Nm3	Oil (KL)	Others
<b>Energy Consumption Before</b>					
<b>Energy Consumption After</b>					
<b>Energy Tariff, Rs/kWh/Ton/Nm3/KL...</b>	<b>4.40</b>				
<b>Company Complete address:</b>			<p>We authorise Bureau to use this information for dissemination</p> <p>Signature</p>		
<p>Vardhman Yarns &amp; Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )</p>					
<b>Contact Person who could be contacted for more information:</b>			Date	01/10/2008	
<b>Mr.Sushil Sharma.</b>					

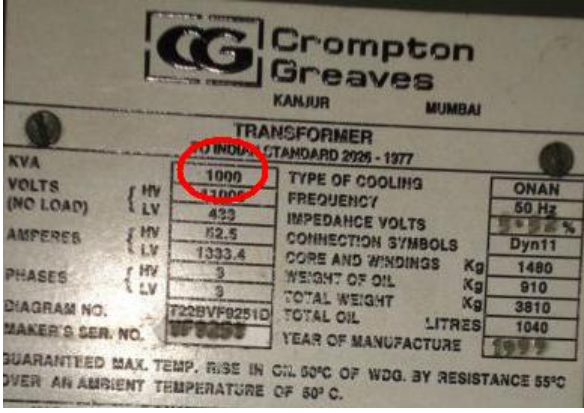
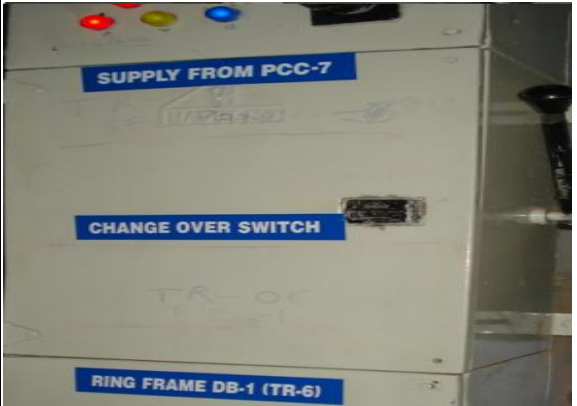
**Energy Conservation Measure Implemented in 2007-2008**

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

ID to be filled by BEE	Title of the Measure		Sector		
	<b>Interchange the 90% loaded 1.6MVA Transformer of Sub-Station No.-II with 40% loaded 2.0MVA Transformer of Sub-Station No.-III.</b>		<b>Textile</b>		
Year to be filled by BEE			Technology		
Description of the Energy Conservation Measure:					
One 1600kVA Transformer was running on 90% loading in Sub-Station No.1 & other 2000 kVA Transformer in Sub-Station-3 was running on just 40% loading.					
We interchanged both the transformer & achieved the saving due to less resultant Copper Losses.					
Picture/ Sketch /Drawing before modification (If available)			Picture/ Sketch /Drawing after modification		
					
Total Investment, Rs.	<b>30000</b>		Year of Implementation		<b>2007-2008</b>
First Year Energy Cost Savings, Rs.	<b>120000</b>				
First Year Other Savings, Rs.					
On Annual Basis	kWh 000	Coal (tons)	Gas Nm <sup>3</sup>	Oil (KL)	Others
Energy Consumption Before					
Energy Consumption After					
Energy Tariff, Rs/kWh/Ton/Nm <sup>3</sup> /KL...	<b>4.40</b>				
Company Complete address:			We authorise Bureau to use this information for dissemination		
Vardhman Yarns & Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )			Signature		
Contact Person who could be contacted for more information:			Date		
<b>Mr.Sushil Sharma.</b>			01/10/2008		


**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		Sector		
	<b>Reduce the load of 1000kVA Transformer No.6 &amp; shifted same on Standby 1000kVA Transformer No.7 in Sub-Station No.1.</b>		<b>Textile</b>		
Year be filled by BEE			Technology		
Description of the Energy Conservation Measure:					
<p>The load of Ring Frame DB.01 is running on Transformer No.6 &amp; this Transformer is running on approximate 85-90% loading.</p> <p>We are having 1000kVA Transformer No.7 as standby in Sub-Station No.1 &amp; we are using this Transformer in emergency only., causing unnecessary losses (1.5kWh/Hr. – Rs.58000/ per annum).</p> <p>We have provided on changeover switch for Ring Frame DB.01 between Transformer No. 6 &amp; 7. Now the load of Transformer No.6 has been reduced by 200kW.</p>					
Picture/ Sketch /Drawing before modification (If available)			Picture/ Sketch /Drawing after modification		
					
Total Investment, Rs.	<b>30000</b>		Year of Implementation		<b>2007-2008</b>
First Year Energy Cost Savings, Rs.	<b>78000</b>				
First Year Other Savings, Rs.					
On Annual Basis	kWh 000	Coal (tons)	Gas Nm3	Oil (KL)	Others
Energy Consumption Before					
Energy Consumption After					
Energy Tariff, Rs/kWh/Ton/Nm3/KL...	<b>4.40</b>				
Company Complete address:			We authorise Bureau to use this information for dissemination		
Vardhman Yarns & Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )			Signature		
			Date		01/10/2008
Contact Person who could be contacted for more information:					
<b>Mr.Sushil Sharma.</b>					


**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		Sector		
	<b>Energy saving by incorporating one circulating Fan of 100 W in the Oven to circulate the hot air. With this modification, the quality of Drying will be improved, Drying time will be reduces.</b>		<b>Textile</b>		
Year be filled by BEE			Technology		
Description of the Energy Conservation Measure:					
<p>Earlier 6kW heaters was running for 8 Hrs./Day for drying the rewinded motors.</p> <p>We have Incorporated one Circulating Fan of 100 W in the Oven to Circulate the Hot Air. With this Modification, the drying time of rewinded motors has been reduced to 45 Min/day &amp; quality of Drying is improved a lot.</p>					
Picture/ Sketch /Drawing before modification (If available)			Picture/ Sketch /Drawing after modification		
					
Total Investment, Rs.	5000	Year of Implementation	2007-2008		
First Year Energy Cost Savings, Rs.	57420				
First Year Other Savings, Rs.	5000 ( Maintenance cost ( Bearings, Belts ) + labour cost )				
On Annual Basis	kWh 000	Coal (tons)	Gas Nm3	Oil (KL)	Others
Energy Consumption Before	14400				
Energy Consumption After	1350				
Energy Tariff, Rs/kWh/Ton/Nm3/KL...	4.40				
Company Complete address:			We authorise Bureau to use this information for dissemination		
Vardhman Yarns & Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )			Signature		
Contact Person who could be contacted for more information:			Date		
Mr.Sushil Sharma.			01/10/2008		

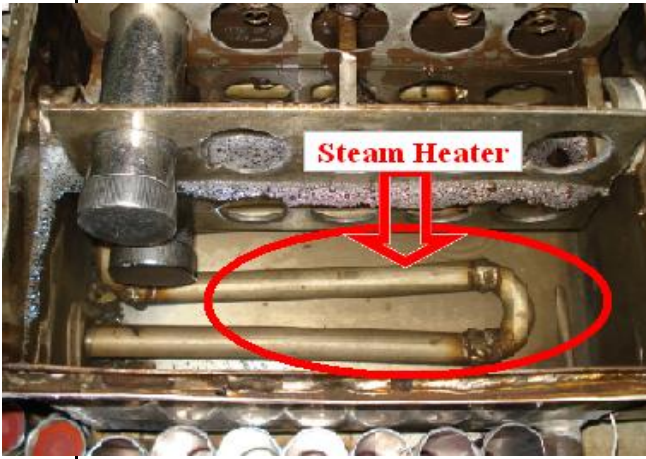
**Energy Conservation Measure Implemented in 2007-2008**

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

ID to be filled by BEE	Title of the Measure				Sector			
	<b>Energy saving by Replacing under loaded Motrs with lower rating motors in Cheese Wdg M/Cs &amp; Soft Package M/C.</b>				<b>Textile</b>			
Year be filled by BEE					Technology			
Description of the Energy Conservation Measure: We replacing 4 Nos 4.5kW under loaded Motrs with 2.2kW motors in Cheese Wdg M/Cs & Soft Package M/C. Saving achieved 15kWh per motor per day.								
Picture/ Sketch /Drawing before modification (If available)			Picture/ Sketch /Drawing after modification					
								
Total Invstment, Rs.	<b>40000</b>		Year of Implementation		<b>2007-2008</b>			
First Year Energy Cost Savings, Rs.	<b>97416</b>							
First Year Other Savings, Rs.								
On Annual Basis	kWh 000	Coal (tons)	Gas Nm3	Oil (KL)	Others			
Energy Consumption Before	<b>48400</b>							
Energy Consumption After	<b>26260</b>							
Energy Tariff, Rs/kWh/Ton/Nm3/KL...	<b>4.40</b>							
Company Complete address:  Vardhman Yarns & Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )			We authorise Bureau to use this information for dissemination					
Contact Person who could be contacted for more information:  <b>Mr.Sushil Sharma.</b>			Signature					
			Date 01/10/2008					

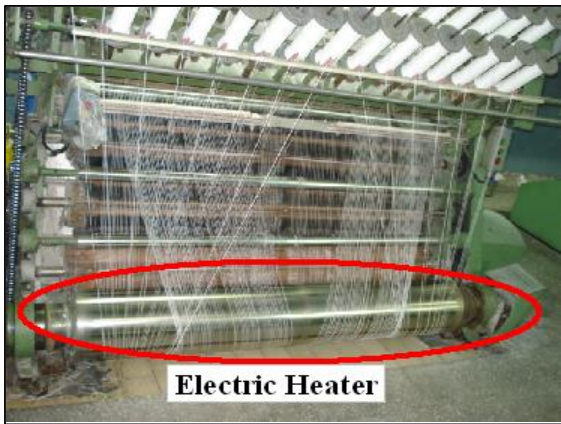

**Energy Conservation Measure Implemented in 2007-2008**

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

ID to be filled by BEE	Title of the Measure			Sector	
	<b>Energy saving by replacing the Electrical Heater of Rota Drier of Chemical Lab with Steam Heater.</b>			<b>Textile</b>	
Year be filled by BEE				Technology	
Description of the Energy Conservation Measure:					
<p>This machine is used in our chemical lab for sample dyeing purpose. A 2 kW Electric Heater heater to get the desired temp. Failure rate of the electric heater is very high (2 Heater per month). We have replaced the electrical heater with steam heater. Annual saving of Rs 0.57 lac is achieved</p>					
Picture/ Sketch /Drawing before modification (If available)			Picture/ Sketch /Drawing after modification		
					
Total Investment, Rs.	<b>10000</b>		Year of Implementation		<b>2007-2008</b>
First Year Energy Cost Savings, Rs.	<b>25016</b>				
First Year Other Savings, Rs.	6000 (24 Electric Heater)				
On Annual Basis	kWh 000	Steam (tons)	Gas Nm <sup>3</sup>	Oil (KL)	Others
Energy Consumption Before	<b>7200</b>	<b>0</b>			
Energy Consumption After	<b>0</b>	<b>9.52</b>			
Energy Tariff, Rs/kWh/Ton/Nm <sup>3</sup> /KL...	<b>4.40</b>	<b>700</b>			
Company Complete address:			We authorise Bureau to use this information for dissemination		
Vardhman Yarns & Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )			Signature		
Contact Person who could be contacted for more information:			Date		
<b>Mr.Sushil Sharma.</b>			01/10/2008		


## 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	Sector			
	<b>Energy saving by replacing the Electrical heating system to steam heating of 2 nos polishing machine</b>	<b>Textile</b>			
Year be filled by BEE		Technology			
Description of the Energy Conservation Measure:					
<p>At thread polishing machine we were using 18 kw electrical heaters. After applying liquid polishing material on thread, It gets wet &amp; needs drying. Electrical power consumed per day on one no. polishing m/c was 93 kWh/day considering 210 Day running in a year. The electrical heaters have been replaced by steam heaters. equivalent steam required is 123 kg at 3.0 kg/cm<sup>2</sup> pressure. By using steam heaters, annual saving of Rs 1.27 lac is achieved for two machines.</p>					
Picture/ Sketch /Drawing before modification (If available)			Picture/ Sketch /Drawing after modification		
 <p style="text-align: center;"><b>Electric Heater</b></p>			 <p style="text-align: center;"><b>Steam Heater</b></p>		
Total Investment, Rs.	<b>80000</b>	Year of Implementation		<b>2007-2008</b>	
First Year Energy Cost Savings, Rs.	<b>127407</b>				
First Year Other Savings, Rs.					
On Annual Basis	kWh 000	Steam (tons)	Gas Nm <sup>3</sup>	Oil (KL)	Others
Energy Consumption Before	<b>39060</b>	<b>0.00</b>			
Energy Consumption After	<b>0.00</b>	<b>63.51</b>			
Energy Tariff, Rs/kWh/Ton/Nm <sup>3</sup> /KL...	<b>4.40</b>	<b>700</b>			
Company Complete address:			We authorise Bureau to use this information for dissemination		
Vardhman Yarns & Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )					
Contact Person who could be contacted for more information:			Signature		
<b>Mr.Sushil Sharma.</b>			Date                      01/10/2008		


**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		Sector		
	<b>Energy saving by replacing the Electrical Heater RF Drier with Steam Heater.</b>		<b>Textile</b>		
Year be filled by BEE			Technology		
Description of the Energy Conservation Measure:					
At RF Drier Machine we were using 02 sets of electrical heaters having capacity of 9 kW each. We have replaced one set of Electrical Heater with Steam Heater. Electrical power consumed per day on one no. polishing m/c was 216 kWh/day. Considering 210Day running in a year net electric power consumed is 45360kWh & equivalent steam consumption is 60T.					
Picture/ Sketch /Drawing before modification (If available)			Picture/ Sketch /Drawing after modification		
					
Total Investment, Rs.	<b>80000</b>		Year of Implementation		<b>2007-2008</b>
First Year Energy Cost Savings, Rs.	<b>157584</b>				
First Year Other Savings, Rs.					
On Annual Basis	kWh 000	Steam (tons)	Gas Nm3	Oil (KL)	Others
Energy Consumption Before	<b>45360</b>	<b>0.00</b>			
Energy Consumption After	<b>0.00</b>	<b>60.00</b>			
Energy Tariff, Rs/kWh/Ton/Nm3/KL...	<b>4.40</b>	<b>700</b>			
Company Complete address:			We authorise Bureau to use this information for dissemination		
Vardhman Yarns & Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )			Signature		
Contact Person who could be contacted for more information:			Date		
<b>Mr.Sushil Sharma.</b>			01/10/2008		

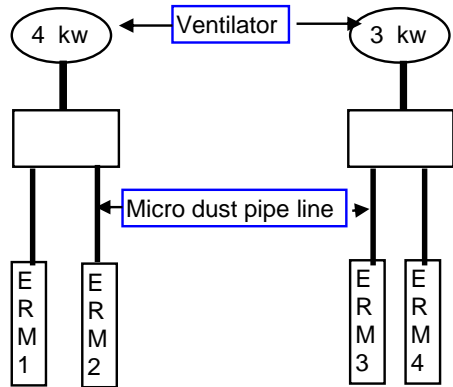
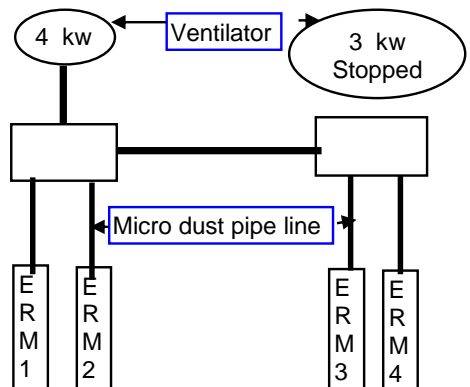
**Energy Conservation Measure Implemented in 2007-2008**

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

ID to be filled by BEE	Title of the Measure		Sector		
	<b>Energy saving by proper Alignment of Tube Lights in Finishing Packing &amp; PA Winder department.</b>		<b>Textile</b>		
Year be filled by BEE			Technology		
Description of the Energy Conservation Measure:					
All lights are connected parallel to the machine layout so that a particular row over the idle machine can be switched off. After implementation, Total 380 double tubesets has been modified. Average off time of the machines is 1:30 Hrs/Day.					
Picture/ Sketch /Drawing before modification (If available)			Picture/ Sketch /Drawing after modification		
					
Total Investment, Rs.	<b>150000</b>		Year of Implementation		<b>2007-2008</b>
First Year Energy Cost Savings, Rs.	<b>80120</b>				
First Year Other Savings, Rs.					
On Annual Basis	kWh 000	Steam (tons)	Gas Nm <sup>3</sup>	Oil (KL)	Others
Energy Consumption Before	<b>291330</b>				
Energy Consumption After	<b>273121</b>				
Energy Tariff, Rs/kWh/Ton/Nm <sup>3</sup> /KL...	<b>4.40</b>				
Company Complete address:			We authorise Bureau to use this information for dissemination		
Vardhman Yarns & Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )			Signature		
Contact Person who could be contacted for more information:			Date		
<b>Mr.Sushil Sharma.</b>			01/10/2008		


### 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				Sector
	<b>Saving of electrical energy by eliminating one ventilator for dust collector of ERM machines in cotton Blowroom.</b>				<b>Textile</b>
Year be filled by BEE					Technology
Description of the Energy Conservation Measure:					
Speed of suction fan optimized by reducing the speed of suction fan..					
Motor Capacity- 3 KW. Running hour- 22.5 Hrs					
Load- 85% ,					
<b>SAVING OF ELECTRICITY/ Day - 3*22.5*.85= 57.37 kwh</b>					
Picture/ Sketch /Drawing before modification (If available)			Picture/ Sketch /Drawing after modification		
					
Total Investment, Rs.	Nil		Year of Implementation	<b>2007-2008</b>	
First Year Energy Cost Savings, Rs.	<b>90874</b>				
First Year Other Savings, Rs.	Nil				
On Annual Basis	kWh 000	Coal (tons)	Gas Nm3	Oil (KL)	Others
Energy Consumption Before / Year	<b>20653.2</b>				
Energy Consumption After	<b>0</b>				
Energy Tariff, Rs/kWh/Ton/Nm3/KL...	<b>4.40</b>				
Company Complete address:			We authorise Bureau to use this information for dissemination  Signature		
Vardhman Yarns & Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )					
Contact Person who could be contacted for more information:			Date	01/10/2008	
<b>Mr.Sushil Sharma.</b>					



**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		Sector		
	<b>Energy saving by replacing Hot insulation at HT/HP Dyeing M/Cs and hot pipe lines.</b>		<b>Textile</b>		
Year be filled by BEE			Technology		
Description of the Energy Conservation Measure: <b>Before :</b> 30 Nos Package Dyeing Machines are used for Dyeing The Cotton / Polyester Threads In Package Form. After Putting Thread Packages In The Dyeing Vessel, Soft Water Is Filled In The Dyeing Vessel. Dyes And Other Chemicals Are Added And The Liquor is Heated At 130°C. The Dyeing Vessels Were Un insulated And There Were Huge Heat Losses from These Vessels. The Steam Require Per Kg of Dyeing Was 7.2 Kg. <b>After :</b> We Have Insulated All The Dyeing Machines And The Steam Requirement Per Kg Of Product Dyeing Has Reduced To 7.05 Kg. Achieved A Saving of Rs 3.0 Lac Per Anum By Insulating The Dyeing Machines.					
Picture/ Sketch /Drawing before modification (If available)			Picture/ Sketch /Drawing after modification		
					
Total Invstment, Rs.	<b>80000</b>	Year of Implementation	<b>2007-2008</b>		
First Year Energy Cost Savings, Rs.	<b>299943</b>				
First Year Other Savings, Rs.					
On Annual Basis	kWh 000	Steam (tons)	Gas Nm3	Oil (KL)	Others
Energy Consumption Before		<b>20567.52</b>			
Energy Consumption After		<b>20139.03</b>			
Energy Tariff, Rs/kWh/Ton/Nm3/KL...	<b>4.40</b>	<b>700</b>			
Company Complete address:  Vardhman Yarns & Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )			We authorise Bureau to use this information for dissemination  Signature		
Contact Person who could be contacted for more information:  <b>Mr.Sushil Sharma.</b>			Date  01/10/2008		


**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		Sector		
	<b>Saving of electrical energy by stopping wax motor in Autoconer 238</b>		<b>Textile</b>		
Year be filled by BEE			Technology		
Description of the Energy Conservation Measure:					
On 180 drums of Auoconer238 machines running on polyester , wax motors stopped because of fine polyester counts..					
Motor Capacity- 0.006 KW. No of motors -- 180 , Running hour- 24 Hrs					
					Load- SAVING
90% OF ELECTRICITY - 23.328 kwh/Day					
Picture/ Sketch /Drawing before modification (If available)			Picture/ Sketch /Drawing after modification		
					
Total Investment, Rs.	Nil		Year of Implementation		<b>2007-2008</b>
First Year Energy Cost Savings, Rs.	<b>36952</b>				
First Year Other Savings, Rs.	Nil				
On Annual Basis	kWh 000	Coal (tons)	Gas Nm3	Oil (KL)	Others
Energy Consumption Before	<b>8398</b>				
Energy Consumption After	<b>0</b>				
Energy Tariff, Rs/kWh/Ton/Nm3/KL...	<b>4.40</b>				
Company Complete address:  Vardhman Yarns & Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )			We authorise Bureau to use this information for dissemination		
Contact Person who could be contacted for more information:  <b>Mr.Sushil Sharma.</b>			Signature		
			Date		
			01/10/2008		

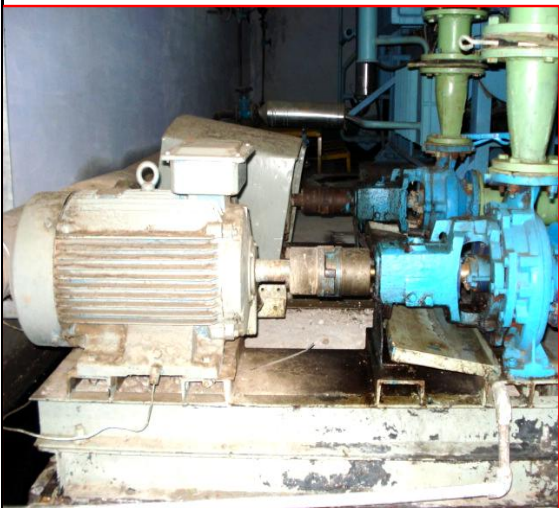

### Energy Conservation Measure Implemented in 2007-2008

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

ID to be filled by BEE	Title of the Measure	Sector			
	<b>Energy saving by Installation of Servo Stabilizer on Lighting feeder.</b>	<b>Textile</b>			
Year be filled by BEE		Technology			
Description of the Energy Conservation Measure:					
<p>We installed stabilizer on lighting feeder. By installing this, not only power saving has found, it also caused reduction in frequent failure of Tube lights &amp; Chokes.</p> <p>In investment point of view, there is not any initial investment Because this stabilizer was disconnected from old dryer. Old dryer is not used due to replacement with latest technology.</p>					
Picture/ Sketch /Drawing before installing.		Picture/ Sketch /Drawing after installing.			
<p>There was no stabilizer. Power to lighting is directly from power distribution board. Voltage on three phase was 410 volt</p>					
Total Investment, Rs.	<b>25000=00</b> (cable & contractor)	Year of Implementation	<b>2007-2008</b>		
First Year Energy Cost Savings, Rs.	<b>479160</b>				
First Year Other Savings, Rs.					
On Annual Basis	kWh 000	Coal (tons)	Gas Nm3	Oil (KL)	Others
Energy Consumption Before	<b>689700</b>				
Energy Consumption After	<b>580800</b>				
Energy Tariff, Rs/kWh/Ton/Nm3/KL...	<b>4.40</b>				
Company Complete address:		We authorise Bureau to use this information for dissemination			
Vardhman Yarns & Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )					
Contact Person who could be contacted for more information:		Signature			
<b>Mr.Sushil Sharma.</b>		Date	01/10/2008		



**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		Sector		
	<b>Replacement of 18.5 kw pump with 7.5 KW pump on Chiller - 65 TR.</b>		<b>Textile</b>		
Year be filled by BEE			Technology		
Description of the Energy Conservation Measure:					
Prevoisly the pump used on chiller was of rating of 18.5 kw and the pump was throttled and taking current of 22 ampere. We had replaced it with pump of rating of 7.5kw which is taking current of 13 ampere. After installion of the 7.5 kw pump, load current has been reduced from 22 ampere to 13 ampere.					
Picture/ Sketch /Drawing before modification (If available)			Picture/ Sketch /Drawing after modification		
					
Total Invstment, Rs.	nil (replaced from stand-by pump of 40TR chiller)	Year of Implementation	<b>2007-2008</b>		
First Year Energy Cost Savings, Rs.	<b>224400</b>				
First Year Other Savings, Rs.					
On Annual Basis	kWh 000	Coal (tons)	Gas Nm3	Oil (KL)	Others
Energy Consumption Before	<b>113256</b>	51000			
Energy Consumption After	<b>62256</b>				
Energy Tariff, Rs/kWh/Ton/Nm3/KL...	<b>4.40</b>				
Company Complete address:			We authorise Bureau to use this information for dissemination		
Vardhman Yarns & Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )			Signature		
Contact Person who couls be contacted for more information:			Date		
<b>Mr.Sushil Sharma.</b>			01/10/2008		


## 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			Sector	
	<b>Saving of electrical energy by optimized suction pressure in Autoconer 138 from 100m bar to 70 mbar.</b>			<b>Textile</b>	
Year be filled by BEE				Technology	
Description of the Energy Conservation Measure:					
<p>Speed of suction fan optimized by reducing the speed of suction fan..          Motor Capacity- 15 KW. No of machine-1, Running hour- 24 Hrs          Load- 85% , Previous consumption -13 KWH , Present consumption- 8.3 KWH  <b>SAVING OF ELECTRICITY/ Day - (13- 8.3)=4.7*24 = 112.8 kwh</b></p>					
Picture/ Sketch /Drawing before modification (If available)			Picture/ Sketch /Drawing after modification		
<p><b>ENERGY SAVING IN AUTOCONER 138 BY OPTIMIZING THE SUCTION PRESSURE</b></p>  <p style="color: red; font-size: small;">PREVIOUSLY SUCTION PRESSURE :-100 mbar</p> <p><b>BENEFITS----</b>          ENERGY SAVING = 4.67 kwh/hr          SAVING /YEAR = Rs 1.78 LACS</p>			<p><b>ENERGY SAVING IN AUTOCONER 138 BY OPTIMIZING THE SUCTION PRESSURE</b></p>  <p style="color: red; font-size: small;">PREVIOUSLY SUCTION PRESSURE :-100 mbar</p> <p><b>BENEFITS----</b>          ENERGY SAVING = 4.67 kwh/hr          SAVING /YEAR = Rs 1.78 LACS</p>		
Total Investment, Rs.	Nil		Year of Implementation	<b>2007-2008</b>	
First Year Energy Cost Savings, Rs.	<b>177393</b>				
First Year Other Savings, Rs.	Nill				
On Annual Basis	kWh 000	Coal (tons)	Gas Nm3	Oil (KL)	Others
Energy Consumption Before / Year	<b>113256</b>				
Energy Consumption After	<b>71712</b>				
Energy Tariff, Rs/kWh/Ton/Nm3/KL...	<b>4.27</b>				
Company Complete address:			We authorise Bureau to use this information for dissemination		
Vardhman Yarns & Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )					
Contact Person who could be contacted for more information:			Signature		
<b>Mr.Sushil Sharma.</b>			Date                      01/10/2008		

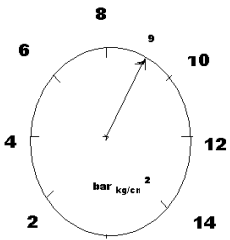
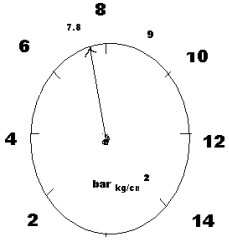
**Energy Conservation Measure Implemented in 2006-2007**

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

ID to be filled by BEE	Title of the Measure		Sector		
	<b>Energy saving by Replacement of 36W tube lights with 15 W CFL lights in non production area.</b>		<b>Textile</b>		
Year be filled by BEE			Technology		
Description of the Energy Conservation Measure:					
We have replaced of 36W tube Light Sets with 15W CFL in Alley , offices, toilets, canteen & other non production area. This caused the saving of around 0.60 lakh rupees/year. Total 470 tube lights has been replaced with CFL.					
Picture/ Sketch /Drawing before modification (If available)			Picture/ Sketch /Drawing after modification		
					
Total Investment, Rs.	15000=00 (cost of CFL)	Year of Implementation	<b>2007-2008</b>		
First Year Energy Cost Savings, Rs.	<b>294813</b>				
First Year Other Savings, Rs.					
On Annual Basis	kWh 000	Coal (tons)	Gas Nm3	Oil (KL)	Others
Energy Consumption Before	<b>97459</b>				
Energy Consumption After	<b>30456</b>				
Energy Tariff, Rs/kWh/Ton/Nm3/KL...	<b>4.40</b>				
Company Complete address:			We authorise Bureau to use this information for dissemination		
Vardhman Yarns & Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )			Signature		
Contact Person who could be contacted for more information:			Date		
<b>Mr.Sushil Sharma.</b>			01/10/2008		



### Energy Conservation Measure Implemented in 2007-2008

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

<b>ID to be filled by BEE</b>	<b>Title of the Measure</b>			<b>Sector</b>	
	<b>Saving by Reducing the Air Pressure of Compressed Air from 9.0bar to 7.8 bar in Sewing Thread Section.</b>			<b>Textile</b>	
<b>Year be filled by BEE</b>				<b>Technology</b>	
<p>Description of the Energy Conservation Measure:</p> <p>Reduction of compressed air generated pressure from 9.0 bar to 7.8 bar after plugging the air leakages. It has reduced the running of GA-75 compressor from 24 hrs to 20 hrs and RC-20 from 8 hrs to 0 hrs. Running load of GA-75 compressor is 88 kw &amp; RC-20 compressor is 16kw.</p>					
<p>Picture/ Sketch /Drawing before modification (If available)</p> <div style="text-align: center;">  </div>			<p>Picture/ Sketch /Drawing after modification</p> <div style="text-align: center;">  </div>		
Total Investment, Rs.	1.5 lakh (for removal of leakages)	Year of Implementation		<b>2007-2008</b>	
First Year Energy Cost Savings, Rs.	<b>527076</b>				
First Year Other Savings, Rs.					
On Annual Basis	kWh 000	Coal (tons)	Gas Nm3	Oil (KL)	Others
Energy Consumption Before	<b>809490</b>				
Energy Consumption After	<b>689700</b>				
Energy Tariff, Rs/kWh/Ton/Nm3/KL...	<b>4.40</b>				
<p>Company Complete address:</p> <p style="text-align: center;">Vardhman Yarns &amp; Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )</p>			<p>We authorise Bureau to use this information for dissemination</p> <p>Signature</p>		
<p>Contact Person who could be contacted for more information:</p> <p style="text-align: center;"><b>Mr.Sushil Sharma.</b></p>			<p>Date                      01/10/2008</p>		

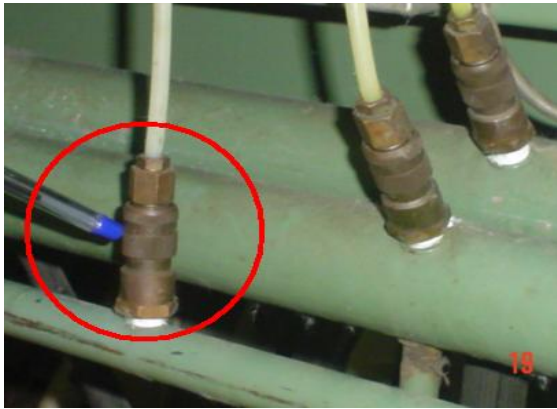
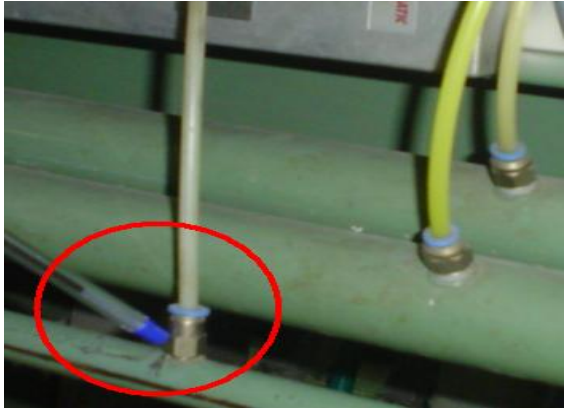
## Energy Conservation Measure Implemented in 2007-2008

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

<b>ID to be filled by BEE</b>	<b>Title of the Measure</b>			<b>Sector</b>	
	<b>Saving by Addition of One Heat Exchanger in Heat Recovery with 10°C Gain</b>			<b>Textile</b>	
<b>Year be filled by BEE</b>				<b>Technology</b>	
<p>Description of the Energy Conservation Measure:</p> <p>Installation of one additional heat exchanger to increase the heat transfer. The heat exchanger was installed in series to maintain the cross flow of both the liquid. After installation, temp of fresh soft water has been increased from 50 to 60 degree centigrade.</p>					
<p>Picture/ Sketch /Drawing before modification (If available)</p>			<p>Picture/ Sketch /Drawing after modification</p>		
					
Total Investment, Rs.	25000=00 (ss pipes)		Year of Implementation	<b>2007-2008</b>	
First Year Energy Cost Savings, Rs.					
First Year Other Savings, Rs.	<b>406000</b>				
On Annual Basis	kWh 000	husk (tons)	Gas Nm3	Oil (KL)	Others
Energy Consumption Before		8150			
Energy Consumption After	<b>0</b>	7570			
Energy Tariff, Rs/kWh/Ton/Nm3/KL...	<b>4.40</b>	700			
<p>Company Complete address:</p> <p style="text-align: center;">Vardhman Yarns &amp; Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )</p>			<p>We authorise Bureau to use this information for dissemination</p> <p>Signature</p>		
<p>Contact Person who could be contacted for more information:</p> <p style="text-align: center;"><b>Mr.Sushil Sharma.</b></p>			<p>Date                      01/10/2008</p>		


**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		Sector		
Year be filled by BEE	<b>To Save the energy by plugg the compressed air leakages.</b>		<b>Textile</b>		
			Technology		
Description of the Energy Conservation Measure: Identify the compressed air leakages from whole plant. Self sealing fitting of auto coner , Solenoid valve of carding machine, quick fitting of pneumatic line, Nylon tube failure. Replaced the deffective fittings , spares to rectify the compressed air leakages.					
Picture/ Sketch /Drawing before modification (If available)			Picture/ Sketch /Drawing after modification		
					
Total Invstment, Rs.	Rs 3.50 Lacs.	Year of Implementation	2007-2008		
First Year Energy Cost Savings, Rs.	1118040				
First Year Other Savings, Rs.					
On Annual Basis	kWh 000	Coal (tons)	Gas Nm3	Oil (KL)	Others
Energy Consumption Before	2178000				
Energy Consumption After	1923900				
Energy Tariff, Rs/kWh/Ton/Nm3/KL...	4.40				
Company Complete address:  Vardhman Yarns & Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )			We authorise Bureau to use this information for dissemination		
Contact Person who couls be contacted for more information:  <b>Mr.Sushil Sharma.</b>			Signature		
			Date 01/10/2008		

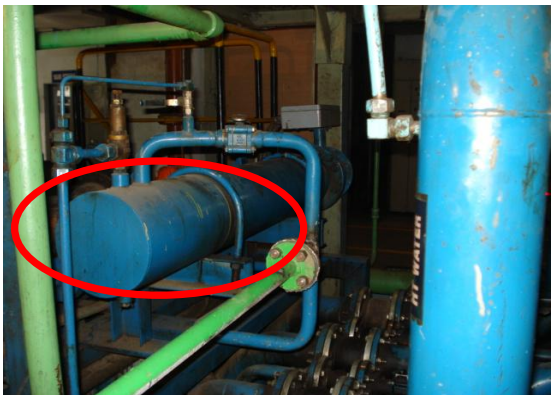
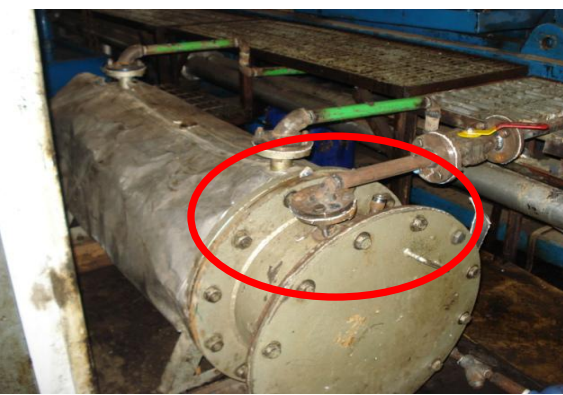
### Energy Conservation Measure Implemented in 2007-2008

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

ID to be filled by BEE	Title of the Measure			Sector	
				<b>Textile</b>	
Year be filled by BEE				Technology	
<p>Description of the Energy Conservation Measure:</p> <p>Identify the compressed air pressure in different section.          Study &amp; modify the pneumatic system of Ring Frame machines &amp; found main pressure 7.75 Kg/Cm2..          Modify the pneumatic system by laying the additional nylon tube 4 x 6 mm connected to speed variator.          Take the trial by reducing the main pressure to 7.0 Kg/cm2.          After successful trial implement the same modification on all machines.</p>					
Picture/ Sketch /Drawing before modification (If available)			Picture/ Sketch /Drawing after modification		
					
Total Investment, Rs.	<b>Rs 0.20 Lacs.</b>		Year of Implementation	<b>2007-2008</b>	
First Year Energy Cost Savings, Rs.	<b>559020</b>				
First Year Other Savings, Rs.					
On Annual Basis	kWh 000	Coal (tons)	Gas Nm3	Oil (KL)	Others
Energy Consumption Before	2305050				
Energy Consumption After	2178000				
Energy Tariff, Rs/kWh/Ton/Nm3/KL...	4.40				
Company Complete address:			We authorise Bureau to use this information for dissemination		
Vardhman Yarns & Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )					
Contact Person who could be contacted for more information:			Signature		
<b>Mr.Sushil Sharma.</b>			Date	01/10/2008	


### 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			Sector	
	<b>To save the energy by installing the parallel steam heating arrangement for Wartsila Engine jacket water heating.</b>			<b>Textile</b>	
Year be filled by BEE				Technology	
Description of the Energy Conservation Measure:					
<p>Study the electrical energy consumption &amp; running hours of electrical water heater.          Fabricate &amp; modify the system to install the steam heater.          Erection &amp; commissioned the parallel steam heater at both wartsila engine for heating the engine jacket water.</p>					
Picture/ Sketch /Drawing before modification (If available)			Picture/ Sketch /Drawing after modification		
					
Total Investment, Rs.	<b>RS 1.5 Lacs.</b>		Year of Implementation	<b>2007-2008</b>	
First Year Energy Cost Savings, Rs.	<b>539000</b>				
First Year Other Savings, Rs.					
On Annual Basis	kWh 000	Coal (tons)	Gas Nm3	Oil (KL)	Others
Energy Consumption Before	<b>315000</b>				
Energy Consumption After	<b>192500</b>				
Energy Tariff, Rs/kWh/Ton/Nm3/KL...	4.40				
Company Complete address:			We authorise Bureau to use this information for dissemination		
Vardhman Yarns & Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )					
Contact Person who could be contacted for more information:			Signature		
<b>Mr.Sushil Sharma.</b>			Date	01/10/2008	


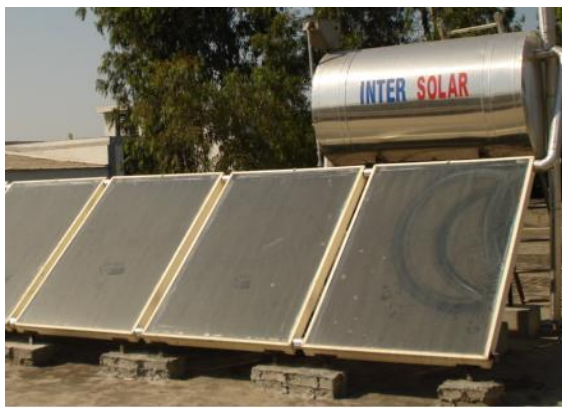
### Energy Conservation Measure Implemented in 2007-2008

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

ID to be filled by BEE	Title of the Measure			Sector	
	<b>To save the energy by replacing the inefficient water pump with high efficiency water pump at Humdification plant.</b>			<b>Textile</b>	
Year be filled by BEE				Technology	
Description of the Energy Conservation Measure:					
Description of the Energy Conservation Measure: Study the existing water pump with respect to flow , head & power consumption. Selected the high efficiency water pump to be installed in Humdification plant. Study after installing the water pump & check the performance of high efficiency water pump.					
Picture/ Sketch /Drawing before modification (If available)			Picture/ Sketch /Drawing after modification		
					
Total Investment, Rs.	<b>RS 0.40 Lacs.</b>		Year of Implementation	<b>2007-2008</b>	
First Year Energy Cost Savings, Rs.	<b>43560</b>				
First Year Other Savings, Rs.					
On Annual Basis	kWh 000	Coal (tons)	Gas Nm3	Oil (KL)	Others
Energy Consumption Before	<b>47025</b>				
Energy Consumption After	<b>37125</b>				
Energy Tariff, Rs/kWh/Ton/Nm3/KL...	4.40				
Company Complete address:  Vardhman Yarns & Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )			We authorise Bureau to use this information for dissemination		
Contact Person who could be contacted for more information:  <b>Mr.Sushil Sharma.</b>			Signature		
			Date                      01/10/2008		

**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		Sector		
	<b>To save the energy by installing the solar water heater system at canteen.</b>		<b>Textile</b>		
Year be filled by BEE			Technology		
Description of the Energy Conservation Measure: Study the existing water system at canteen. Observed the Hot water requirement is for utensil washing. Design the suitable solar water heater system for canteen. Erection & commissioned the INTEL SOLAR WATER HEATER System.					
Picture/ Sketch /Drawing before modification (If available)			Picture/ Sketch /Drawing after modification		
					
Total Investment, Rs.	<b>RS 2.50 Lacs.</b>	Year of Implementation	<b>2007-2008</b>		
First Year Energy Cost Savings, Rs.	<b>107448</b>				
First Year Other Savings, Rs.					
On Annual Basis	kWh 000	Coal (tons)	Gas Nm3	Oil (KL)	Others
Energy Consumption Before	<b>25120</b>				
Energy Consumption After	<b>700</b>				
Energy Tariff, Rs/kWh/Ton/Nm3/KL...	4.40				
Company Complete address: Vardhman Yarns & Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )			We authorise Bureau to use this information for dissemination		
Contact Person who could be contacted for more information: <b>Mr.Sushil Sharma.</b>			Signature		
			Date <b>01/10/2008</b>		


**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				Sector			
	<b>Saving of electrical energy by bypassing one condenser &amp; one MBO in 20 ST mixing.</b>				<b>Textile</b>			
Year be filled by BEE					Technology			
Description of the Energy Conservation Measure:								
One condenser & one MBO are bypass by optimizing the sequence of machine in Blow room in 20 st mixing . Total motor capacity - condenser - 1.74 kw, MBO- 2.54 kw . Running Hours- 11 SAVING/ DAY - (2.54*2 +1.74 )= 75 KWH								
Picture/ Sketch /Drawing before modification (If available)			Picture/ Sketch /Drawing after modification					
<pre> graph TD   MBO1[MBO] --&gt; COND1[CONDENSOR]   COND1 --&gt; MBO2[MBO]   COND1 --&gt; MBO3[MBO]   MBO2 --&gt; DU[DEDUSTING UNIT]   MBO3 --&gt; DU   DU --&gt; COND2[CONDENSOR]   COND2 --&gt; MONO[MONOCYLINDER]   MONO --&gt; AUTO[AUTOMIXER]   AUTO --&gt; ERM1[ERM]   ERM1 --&gt; ERM2[ERM] </pre>			<pre> graph TD   MBO[MBO] --&gt; DU[DEDUSTING UNIT]   DU --&gt; COND[CONDENSOR]   COND --&gt; MONO[MONOCYLINDER]   MONO --&gt; AUTO[AUTOMIXER]   AUTO --&gt; ERM[ERM]   ERM --&gt; ERM2[ERM] </pre>					
Total Investment, Rs.	Nil		Year of Implementation	2007-2008				
First Year Energy Cost Savings, Rs.	119790							
First Year Other Savings, Rs.								
On Annual Basis	kWh 000	Coal (tons)	Gas Nm3	Oil (KL)	Others			
Energy Consumption Before	27225							
Energy Consumption After	0							
Energy Tariff, Rs/kWh/Ton/Nm3/KL...	4.40							
Company Complete address:  Vardhman Yarns & Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )			We authorise Bureau to use this information for dissemination					
Contact Person who could be contacted for more information:  <b>Mr.Sushil Sharma.</b>			Signature					
			Date 01/10/2008					

**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				Sector	
	<b>USING WASTE SAW DUST AS FUEL ALONGWITH RICE HUSK</b>				<b>Textile</b>	
Year be filled by BEE					Technology	
Description of the Energy Conservation Measure:						
<p>We were using Rice Husk as Fuel at Boiler &amp; were getting Steam to Fuel ratio as 4.7.  We started adding 12% Saw Dust alongwith the Rise Husk. Calorific Value of Saw Dust &amp; Rise Husk are 4200 KCal/Kg and 3300 KCal/Kg respectively. Where as the Saw Dust is a waste material &amp; is cheaper by Rs. 1/- per Kg compare to Rice Husk.  Steam to Fuel ratio has improved to 4.78 &amp; total cost saving is Rs. 23.46 Lacs per Annum.</p>						
Picture/ Sketch /Drawing before modification (If available)				Picture/ Sketch /Drawing after modification		
						
Total Invstment, Rs.	<b>0.00</b>		Year of Implementation		<b>2007-2008</b>	
First Year Energy Cost Savings, Rs.	<b>2346038</b>					
First Year Other Savings, Rs.						
On Annual Basis	kWh 000	Rise Husk (tons)	Saw Dust (Tons)	Oil (KL)	Others	
Energy Consumption Before		<b>10412.35</b>	<b>0.00</b>			
Energy Consumption After		<b>8872.49</b>	<b>1209.89</b>			
Energy Tariff, Rs/kWh/Ton/Nm3/KL...		<b>2804</b>	<b>1768</b>			
Company Complete address:				We authorise Bureau to use this information for dissemination		
Vardhman Yarns & Threads Limited, Unit-I Post Box-18, Phagwara Road, Hoshiarpur ( 146001 )				Signature		
				Date		
Contact Person who could be contacted for more information:						
<b>Mr.Sushil Sharma.</b>						