




Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure VFD compressors	Sector --- Automobile			
Year to be filled by BEE		Technology			
Description of the energy conservation measure: Installation of Variable Frequency Drive Compressors.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
New Installation					
Agency that executed the project (with complete address and email): M/S ATLAS COPCO					
Total investment, Rs.: 20 Lakhs			Year of implementation: 2006		
First year energy cost savings, Rs.: 5 Lakhs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	640	-	-	-	-
Energy consumption after	515	-	-	-	-
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.00	-	-	-	-
Company complete address:				We authorise Bureau to use this information for dissemination	
Contact person who could be contacted for more information: <u>Mr. Naveen Tiwari (Manager, Enqq. Services)</u>				Signature	
				Date	

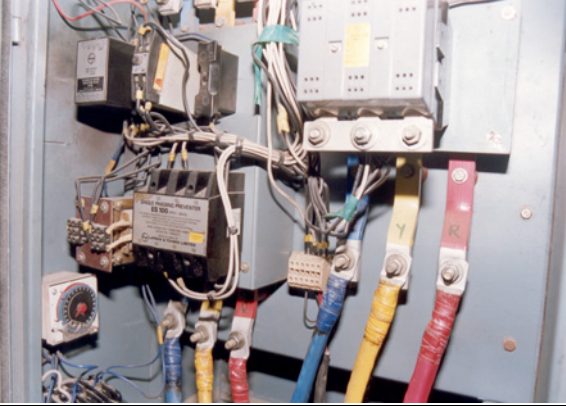
Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure Control air equipment	Sector --- Automobile			
Year to be filled by BEE		Technology			
Description of the energy conservation measure: Installation of Control Air Equipment in the compressed air system. Constant Air Pressure is maintained at the delivery side thus incurring 7% saving in comp air consumption cost					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
New Installation					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 2.5 Lakhs			Year of implementation: 2006		
First year energy cost savings, Rs.: 0.5 Lakhs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	640	-	-	-	-
Energy consumption after	627.5	-	-	-	-
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.00	-	-	-	-
Company complete address:				We authorise Bureau to use this information for dissemination	
Contact person who could be contacted for more information: <u>Mr. Naveen Tiwari (Manager, Engg. Services)</u>				Signature	
				Date	

Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure FDV capacitor panels		Sector --- Automobile		
Year to be filled by BEE			Technology		
Description of the energy conservation measure: Capacitor Panels of ratings 60 KVAR each have been installed at all the FDVs					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
New Installation					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 4.2 lakhs			Year of implementation: 2006		
First year energy cost savings, Rs.: 1.2 Lakhs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	975				
Energy consumption after	945				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.00				
Company complete address:				We authorise Bureau to use this information for dissemination	
Contact person who could be contacted for more information: <u>Mr. Naveen Tiwari (Manager, Engg. Services)</u>				Signature	
				Date	


Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure Timer in FDVs		Sector --- Automobile.			
Year to be filled by BEE			Technology			
Description of the energy conservation measure: Installation of Timer in the Forced Draft Ventilation (FDV) units for automatic switch-off after the shift timings.						
Picture/ sketch/ drawing before modification (if available) <div style="text-align: center; padding: 20px;">NEW INSTALLATION</div>			Picture/ sketch/ drawing after modification 			
Agency that executed the project (with complete address and email): No external agency involved.						
Total investment, Rs.: 10,000			Year of implementation: 2006			
First year energy cost savings, Rs.: 150000						
First year other savings, Rs.:						
On annual basis		kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before		1012.5				
Energy consumption after		975				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...		4.00				
Company complete address: Contact person who could be contacted for more information: <u>Mr. Naveen Tiwari (Manager, Engg. Services)</u>					We authorise Bureau to use this information for dissemination Signature Date	

Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure Solar water heaters		Sector -- Automobile		
Year to be filled by BEE			Technology		
Description of the energy conservation measure: Installation of Solar Water Heaters in the main canteen.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
NEW INSTALLATION					
Agency that executed the project (with complete address and email): Tata BP Solar					
Total investment, Rs.: 1.40 lakhs			Year of implementation: 2006		
First year energy cost savings, Rs.: 30,000					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	30				
Energy consumption after	22.5				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.00				
Company complete address:				We authorise Bureau to use this information for dissemination	
Contact person who could be contacted for more information: <u>Mr. Naveen Tiwari (Manager, Engg. Services)</u>				Signature	
				Date	

Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure Street light energy saver		Sector -- Automobile		
Year to be filled by BEE			Technology		
Description of the energy conservation measure: Energy savers have been installed in the street lights across the plant.					
Picture/ sketch/ drawing before modification (if available) NEW INSTALLATION		Picture/ sketch/ drawing after modification 			
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 1 lakh			Year of implementation:		
First year energy cost savings, Rs.: 50,000					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	68.2				
Energy consumption after	55.7				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.00				
Company complete address:				We authorise Bureau to use this information for dissemination	
Contact person who could be contacted for more information: <u>Mr. Naveen Tiwari (Manager, Engg. Services)</u>				Signature	
				Date	