




Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	UV B S -1				Sector - Automobile.....
Year to be filled by BEE	Central switching arrangement for Tube lights and fans for switching OFF during break timings				Technology
Description of the energy conservation measure:					
Central switching arrangement is done for 1000 nos of tube lights and 75 nos of fans. All the tube lights and fans are switched off during break timings of 60 minutes per day. The energy saving of 22,875 kWh per annum was achieved.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
Staggered switch at different locations for tube lights and fans operated by workers			Centralised switching arrangement made for switching ON and OFF the Lights and Fans.		
Agency that executed the project (with complete address and email):U V Body Maint Team					
Total investment, Rs.: 0.15 Lakhs			Year of implementation:2006-2007		
First year energy cost savings, Rs.: 0.91					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	22.875				
Energy consumption after	0				
Energy tariff, Rs/ kWh/ Ton/ Nm³/ kL ...	4.00				
Company complete address: M/S Mahindra & Mahindra 89 MIDC Satpur Nashik -422007 Maharashtra				We authorise Bureau to use this information for dissemination	
Contact person who could be contacted for more information: Mr. T.S. Patil (Maintenance Manager – UV Body Shop)				Signature	
				Date	


Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	UV B S - 2		Sector – Automobile		
Year to be filled by BEE	Temperature based on-off controller for Cooling Tower fan		Technology		
Description of the energy conservation measure:					
Temperature based ON-OFF controller was installed on cooling tower for UV Body shop. The cooling tower fan gets switched off when the basin water temperature reached the set temperature of 28 deg C. The energy saving of 6120 kWh was achieved per annum.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
CT Fans are ON continuously					
Agency that executed the project (with complete address and email):U V Body shop Maint Team					
Total investment, Rs.: 0.10 Lakhs			Year of implementation:2006-2007		
First year energy cost savings, Rs.: 0.24 Lakhs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	52				
Energy consumption after	46				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.00				
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Contact person who could be contacted for more information: Mr. T.S. Patil (Maintenance Manager – UV Body Shop)				Signature	
				Date	

Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	UV B S - 3	Sector - Automobile.....			
Year to be filled by BEE	Installation of Electronic Ballast with reflectors on 350 Nos. 40W twin FTLs	Technology			
Description of the energy conservation measure:					
In UV Body Shop, 350 nos of 40 W twin conventional ballast Florescent tube lights were replaced by electronic ballast, single Florescent tube lights with reflectors. The energy savings of 1.02 lakhs kWh per annum has been achieved.					
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification				
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 2.10 Lakhs	Year of implementation:2006-2007				
First year energy cost savings, Rs.: 4.07 Lakhs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	178.5				
Energy consumption after	76.7				
Energy tariff, Rs/ kWh/ Ton/ Nm³/ kL	4.00				
Company complete address: M/S Mahindra & Mahindra 89 MIDC Satpur Nashik -422007 Maharashtra				We authorise Bureau to use this information for dissemination	
Contact person who could be contacted for more information: Mr. T.S. Patil (Maintenance Manager – UV Body Shop)				Signature	
				Date	

Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	UV B S - 4		Sector - Automobile.....		
Year to be filled by BEE	Installation of Lighting energy saving unit of 24 kVA and 18 kVA for the lighting circuit		Technology		
Description of the energy conservation measure:					
The lighting energy saver of 24 kVA and 18 kVA are installed in the UV Body shop lighting circuit to maintain the constant voltage of 210 V. The power saving of 30,600 kWh was achieved by voltage optimization.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
The voltage level varies from 230 to 245 V during 24 hrs.					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 0.9 Lakhs			Year of implementation: 2006-2007		
First year energy cost savings, Rs.: 1.22 Lakhs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	204				
Energy consumption after	173				
Energy tariff, Rs/ kWh/ Ton/ Nm³/ kL	4.00				
Company complete address: M/S Mahindra & Mahindra 89 MIDC Satpur Nashik -422007 Maharashtra				We authorise Bureau to use this information for dissemination	
Contact person who could be contacted for more information: Mr. T.S. Patil (Maintenance Manager – UV Body Shop)				Signature	
				Date	