





Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	CPM - 1	Sector - Automobile.....			
Year to be filled by BEE	Installation of Light Energy saver for street lights	Technology			
Description of the energy conservation measure:					
The lighting energy saver of 40 kVA is installed for street lights. The lighting energy saver reduced the energy consumption by 15 % by reducing the voltage level from 240 V to 210 V. The energy saving of 20,000 kWh per annum was achieved.					
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification				
Voltage remains to the tune of 240 V to 245 V continuously					
Agency that executed the project (with complete address and email):CPM					
Total investment, Rs.: 0.90 Lakhs	Year of implementation:2006-2007				
First year energy cost savings, Rs.: 0.82 Lakhs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	74.4				
Energy consumption after	62.4				
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. S. Rastogi (Deputy Manager – CPM)				Signature	
				Date	


Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	CPM - 2	Sector - Automobile.....			
Year to be filled by BEE	Installation of Infrared photo sensors for auto switching of street lights	Technology			
Description of the energy conservation measure:					
The infrared photo sensor was installed based on the light level for auto switching of street lights. The operating hours of the street lights are reduced by average 1 hour per day because of elimination of manual operation. The energy saving of 5,200 kWh per annum was achieved.					
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification				
					
Agency that executed the project (with complete address and email):CPM					
Total investment, Rs.: 0.20 Lakhs	Year of implementation:2006-2007				
First year energy cost savings, Rs.: 0.21 Lakhs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	62.4				
Energy consumption after	57.2				
Energy tariff, Rs/ kWh/ Ton/ Nm³/ kL	4.00				
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Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	CPM - 3	Sector - Automobile.....			
Year to be filled by BEE	Installation of Natural draft cooling towers for Air Compressors	Technology			
Description of the energy conservation measure:					
Three forced draft cooling towers of Air compressors are replaced by two big natural draft cooling towers. The energy saving of 21,600 kWh per annum was achieved.					
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification				
					
Agency that executed the project (with complete address and email): CPM					
Total investment, Rs.: 2.50 Lakhs	Year of implementation: 2006-2007				
First year energy cost savings, Rs.: 0.86 Lakhs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	43				
Energy consumption after	21				
Energy tariff, Rs/ kWh/ Ton/ Nm³/ kL	4.00				
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				Date	

Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	CPM - 4	Sector - Automobile.....			
Year to be filled by BEE	PF incentives from MSEDCL by maintaining Unity PF	Technology			
Description of the energy conservation measure:					
<p>Since three years Plant Power Factor at main incomer level is maintained at unity by installation of decentralised power factor improvement panels along with centralized APFC panel. MSEDCL (The Electrical Utility Co.) offers incentive to the tune of 7% of energy charges for the unity PF.</p> <p>Note: Due to plant expansion & de rating of capacitors, additional 2000 kVAR capacitors have been added in 2006-07. To ensure Unity PF capacitors health are checked periodically.</p>					
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification				
					
Agency that executed the project (with complete address and email):CPM					
Total investment, Rs.: 20 Lakhs		Year of implementation:2006-2007			
First year energy cost savings, Rs.: 77 Lakhs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before					
Energy consumption after					
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...					
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