


Energy Conservation Measure Implemented in 2006-2007

(To be filled separately for each Energy Conservation Measure)

ID to be filled by BEE	Title of measure	Sector HPCL Visakh Refinery			
Year to be filled by BEE	Reduction in specific fuel consumption in CPP	Technology			
Description of energy conservation measures:					
<p>In captive power plant at HPCL Visakh Refinery, there are total four number of GTGs. Previously, occasionally all the four GTGs were run at lower load to supply power to the Refinery. However, currently three and sometimes only two GTGs (Depending on power demand) are run at higher load. As running of less number of GTGs at higher load is beneficial than running more number of GTGs at lower load, specific fuel consumption of Captive Power Plant has come down from 0.391 during 2005-2006 to 0.37 MT/MWH during 2006-2007. This has resulted in fuel savings to the tune of Rs 254.9 Lakh in 2006-2007.</p>					
Picture /Sketch/drawing before modification			Picture /Sketch/drawing after modification		
			Picture of the captive power plant: 		
Agency that executed the project (with complete address and e-mail): No modifications made to existing system.					
Total investment Rs. Nil			Year of implementation: 2006-2007		
First year energy cost savings, Rs: 254.9 lakhs					
First year other savings, Rs: Nil					
On annual basis	kWh, 000	Coal (Tons)	Gas NM3	Oil KL	Others
Energy consumption before					
Energy consumption after					
Savings in fuel				1569 MT	
Energy tariff, Rs/KWh/Ton/NM3/KL..				16247	
Company complete address				We authorise Bureau to use this information for dissemination	
The change was proposed by Technical Department and executed by Operations Department.				Signature	
Contact person which could be contacted for more information				Date	
Mr. G. Bhagavan, Manager-Technical, PS&E, HPCL-Visakh Refinery					