

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 RAIN WATER HARVESTING	Sector			
Year to be filled by BEE		Technology			
Description of the energy conservation measure:					
<p>Concerned with the depleting water resources, PBC collects the rainwater from the roof with a total catchment area of 4,684 square meters (concreted) with an investment of Rs. 0.50 Lakhs and through pipes it goes to an underground tank where we filter the collected water and recharges it back into the ground. We made feedback structures with 100mm dia. As per the average rainfall of 211 mm at New Delhi and a 'run off' factor of 0.90 on, the average water than back to soil is 8,894.91 Liters / year. This technology has been provided by: Centre For Science And Environment, New Delhi. The surface water from the surrounding areas is diverted to a well in the NPG park from where the ground water is recharged. Ground water level increases and the total water available for use increased. Due to raise in water level, the working head of the pumps reduces and takes less pumping power. Quality of water improves due to the reduction in hardness. Eco systems enhanced with more ground water availability.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): Centre For Science And Environment, New Delhi					
Total investment Rs.: 50,000/-			Year of implementation: 2006-2007		
First year energy cost savings Rs.: N/A					
First year other savings Rs.: N/A					
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 ...	-	-	-	-	-
Company complete address: Name: Mr. Saroj Kumar Designation: Manager Engineering Tel: +91-(0)-11- 26207171 Extn: 119 Mobile: Fax: +91-(0)-11- -4132 4189, 26207606/575 Email: saroj@pbcnet.com, implement@pbcnet.com Contact person who could be contacted for more information:				We authorise Bureau to use this information for dissemination	
				Signature	
				Date	

Note: Please submit this sheet separately for each Energy Conservation Measure implemented in 2006-2007 and a CD containing the above information may be please be enclosed.