


Energy Conservation Measure implemented in 2007-08

(To be filled up separately for each Energy Conservation Measure)

ID to be filled by BEE	Title of the measure Installtion of Variable Speed Drives for Cooling tower Fans of Ammonia and Power Plant		Sector : Fertiliser		
Year to be filled by BEE			Technology		
Description of the Energy Conservation Measure : The cooling tower fans of Ammonia and Power plant were running at fixed RPM irrespective of the cooling required. As the ambient temperature is down, less cooling is required hence the RPM of fans can be reduced and electrical energy can be saved. Variable speed drive reduces the RPM as per the cooling required. Hence electrical energy is saved.					
Picture/Sketch/Drawing before modificatio (if available)		Picture / Sketch / Drawing before modification			
					
Agency that executed the project (with complete address and email) : In House					
Total investment, Rs.		7.0 Lakhs	Year of impementation		2007-08
First year energy cost saving , Rs.		13.25 Lakhs			
First year other saving , Rs.					
On annual basis	kWh 000'	Coal (tons)	Gas NM3	Oil (kL)	Other
Energy consumption before	1188				
Energy consumption after	967				
Energy Tariffs, Rs./Kwh/Ton/NM3/kL/...	Rs. 6 /kWh				
Company complete address: Indian Farmers Fertiliser Co-Opertave Ltd. P.O: Ghiyannagar Phulpur Allahabad-212404			We authorise Bureau to use this information for dissemination		
Contact person who could be contacted for more information: Yogesh Narula Jt. General Manager (Technical)			Signature		
			Date 07.10.08		

11.88

Note: Please submit this sheet separately for each Energy Conservation Measure implemented in 2007-08 and a CD containing the above information may be please enclosed.

Energy Conservation Measure implemented in 2007-08

(To be filled up separately for each Energy Conservation Measure)

ID to be filled by BEE	Title of the measure Reduction in Lighting energy through various schemes (like CFL lamps & street light fittings installation)		Sector : Fertiliser		
Year to be filled by BEE			Technology		
Description of the Energy Conservation Measure : Lighting energy has been reduced by installation of various CFL and Post lantern fittings in plant and township which consumes less power with respect to conventional bulbs and tubelights.					
Picture/Sketch/Drawing before modification (if available)			Picture / Sketch / Drawing before modification		
Agency that executed the project (with complete address and email) : In House					
Total investment, Rs.		1.88 Lakhs	Year of impementation		2007-08
First year energy cost saving , Rs.		4.01 Lakhs			
First year other saving , Rs.					
On annual basis	kWh 000'	Coal (tons)	Gas NM3	Oil (kL)	Other
Energy consumption before	475				
Energy consumption after	407				
Energy Tariffs, Rs./Kwh/Ton/NM3/kL/...	Rs. 6 / kWh				
Company complete address: Indian Farmers Fertiliser Co-Opertaive Ltd. P.O: Ghiyannagar Phulpur Allahabad-212404				We authorise Bureau to use this information for dissemination	
Contact person who could be contacted for more information: Yogesh Narula Jt. General Manager (Technical)				Signature	
				Date 07.10.08	

4.07

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Energy Conservation Measure implemented in 2007-08

(To be filled up separately for each Energy Conservation Measure)

ID to be filled by BEE	Title of the measure Reduction in energy through running the plant with best operating practises		Sector : Fertiliser		
Year to be filled by BEE			Technology		
Description of the Energy Conservation Measure :					
Picture/Sketch/Drawing before modification (if available)			Picture / Sketch / Drawing before modification		
Agency that executed the project (with complete address and email) : In House					
Total investment, Rs.		Nil	Year of impementation		2007-08
First year energy cost saving , Rs.		1491.24 Lakhs			
First year other saving , Rs.					
On annual basis	kWh 000'	Coal (tons)	Gas NM3	Oil (kL)	Other
Energy consumption before					
Energy consumption after					
Energy Tariffs, Rs./Kwh/Ton/NM3/kL/...					
Company complete address: Indian Farmers Fertiliser Co-Opertaive Ltd. P.O: Ghiyannagar Phulpur Allahabad-212404				We authorise Bureau to use this information for dissemination	
Contact person who could be contacted for more information: Yogesh Narula Jt. General Manager (Technical)				Signature	
				Date 07.10.08	

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