


## Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure <b>AIR PREHEATERS AT COMPLEX FERTILISER GRANULATION PLANT – A, B &amp; C TRAINS</b>	Sector: FERTILISER			
Year to be filled by BEE		Technology: INNOVATION			
Description of the energy conservation measure:					
<p>Surplus steam used for power generation, generally yields a thermal efficiency of 35%. However, when the same steam is used for drying, as in the case of this project, the thermal efficiency is more than 60%.</p> <p>Surplus steam is being used, in lieu of LSHS fuel firing, to preheat the air for drying of fertiliser product.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): IN-HOUSE					
Total investment, Rs.:655 Lakh Rupees			Year of implementation:2006-07		
First year energy cost savings, Rs.: 509.66 Lakh Rupees					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before				7211.099	
Energy consumption after				2830.811	
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL ...				19618.72	
Company complete address: COROMANDEL FERTILISERS LTD SRIHARIPURAM, VISAKHAPATNAM ANDHRA PRADESH, INDIA - 530011				We authorise Bureau to use this information for dissemination	
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				Date	