

Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure		Sector		
Year to be filled by BEE			Technology		
Description of the energy conservation measure: 25 HP High draught Fan removed & converted to natural draught. By which Fan operation & maintenance cost and diesel cost reduced. For proper combustion of coal Thermact BR used & saving made in coal consumption and decrease in pollution.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
Agency that executed the project (with complete address and email): Self modified					
Total investment, Rs.: Nil			Year of implementation: 2005-06		
First year energy cost savings, Rs.: 872630					
First year other savings, Rs.: 518400					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before		17.34 Mt/lack bricks			
Energy consumption after		11.37m ton/lack bricks			
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...		3437 Rs/Mt			
Company complete address: Prayag Bricks Village - Lodhan, Po. - Shivpur, Chandmari, Varanasi Contact person who could be contacted for more information: Om Prakash Badlani				We authorise Bureau to use this information for dissemination Signature Date	

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<p>Description of the energy conservation measure: Gasifier used for DG set, it reduced diesel consumption in DG Set. Without gasifier diesel consumption was 18 ltr/hr, but after gasifier 7 ltr/hr diesel + 70 kg rice husk/hr is using. so thus diesel cost saving in DG Set made.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
Agency that executed the project (with complete address and email): Agro Power Gasification Plant Pvt. Ltd, Reg. Off. – B 37/181 B-1, Birdopur, Varanasi-221010					
Total investment, Rs.: 850000			Year of implementation: 2005-06		
First year energy cost savings, Rs.: 240000					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other Rice husk
Energy consumption before				18 ltr/hr	nil
Energy consumption after				7 ltr/hr	70 Kg
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...				30Rs/ltr	
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<p>Description of the energy conservation measure: Provided smokeless chulha to labour which were using firewood. One family was consuming 10kg firewood/day and here are 75 families. Thus 750 Kg firewood/day was consuming, but now only 375 Kg firewood/day is using & 375 Kg firewood/day save. It reduced firewood cost as well as pollution and now here is less harm to labour health.</p>						
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification			
Agency that executed the project (with complete address and email): Self						
Total investment, Rs.:11250			Year of implementation:2005-06			
First year energy cost savings, Rs.: 101250						
First year other savings, Rs.:						
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other Firewood	
Energy consumption before					750kg/day	
Energy consumption after					375kg/day	
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...						
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<p>Description of the energy conservation measure: In old days here was straight firing system but now it converted to Zig Zag firing. So that air circulated in typhoon manner. it takes less consumption of coal than straight firing system and product quality improved.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
Agency that executed the project (with complete address and email): Self modified					
Total investment, Rs.: 139850			Year of implementation:2005-06		
First year energy cost savings, Rs.: 872630					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before		173.4 t/lack bricks			
Energy consumption after		113.7to n/lack bricks			
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...		320.8 Rs/t			
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