


Energy Conservation Measure implemented in 2007-2008


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

ID to be filled by BEE	Title of the measure Replacement of Control system of Milk Pasteuriser :	Sector : Dairy
Year to be filled by BEE		Technology :Engineering
Description of the energy conservation measure:		
<p>One of the 10 KL Milk pasteurizers was running without auto controls. New Auto control system is installed to this pasteurizer with the help of IDMC, Bangalore. On running these pasteurizer we observed lesser consumption of steam since the heating temperature was maintained between 73 ° C to 75 ° C. Hence the consumption of steam per Hour by the pasteurizer is reduced. By this we could able to save. Rs. 4.89 Lakhs per annum</p>		
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification	
	 <p style="text-align: center;">AUTO CONTROL OF MILK PASTEURISER</p>	
Agency that executed the project (with complete address and email):M/s IDMC Limited, Bangalore		
Total investment, Rs.: 2.50 Lakh		Year of implementation:
First year energy cost savings, Rs.: 4.89 Lakh/year		
First year other savings, Rs.: Nil		
On annual basis	kWh 000'	Coal (Tons)
Energy consumption before		
Energy consumption after / Saving	--	
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	--	
<p style="text-align: center;">Company complete address: MYSORE DAIRY, A UNIT OF MYSORE – CHAMARAJANAGARA DISTRICT CO-OPERATIVE MILK PRODUCERS’ SOCIETIES’ UNION LTD., T.NARASIPURA ROAD, SIDDHARTHANAGAR, MYSORE – 570 011. KARNATKA Contact person who could be contacted for more information: Mr.T.S.Shashidhar, Manager(Dairy) Telephone No. 0821 2473393, Mobile - 09845557135, Fax No. 0821 2472797. E-Mail ID mymul@sancharnet.in</p>		<p>We authorise Bureau to use this information for dissemination</p> <p>Signature :</p> <p>Date</p>

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Energy Conservation Measure implemented in 2007-2008


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ID to be filled by BEE	Title of the measure Replacement of Control system of Curd Milk Pasteuriser		Sector : Dairy			
Year to be filled by BEE			Technology: Engineering			
Description of the energy conservation measure:						
<p>The auto control system of Curd milk pasteurizer was out of order & attempts to repair it was failed. Hence new auto control system was installed for the curd milk pasteurizer with the help of IDMC, Bangalore. & we could able to save energy in the form of furnace oil & achieved an annual saving of Rs.3.67 Lakhs</p>						
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification			
						
Agency that executed the project (with complete address and email):M/s IDMC Ltd, Bangalore						
Total investment, Rs.: 2.6 Lakhs			Year of implementation: 2007-08			
First year energy cost savings, Rs.:Rs.3.67 Lakh/year						
First year other savings, Rs.: Nil						
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other	
Energy consumption before						
Energy consumption after / Saving				12.647		
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...				2900		
Company complete address: MYSORE DAIRY, A UNIT OF MYSORE – CHAMARAJANAGARA DISTRICT CO-OPERATIVE MILK PRODUCERS’ SOCIETIES’ UNION LTD., T.NARASIPURA ROAD, SIDDHARTHANAGAR, MYSORE – 570 011. KARNATKA				We authorise Bureau to use this information for dissemination		
Contact person who could be contacted for more information: Mr.T.S.Shashidhar, Manager(Dairy) Telephone No. 0821 2473393, Mobile - 09845557135, Fax No. 0821 2472797. E-Mail ID mymul@sancharnet.in						
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ID to be filled by BEE	Title of the measure		Sector : Dairy		
Year to be filled by BEE	Replacement of old Milk Pasteuriser		Technology: Engineering		
Description of the energy conservation measure:					
<p>The Dairy had three 10 Kl Milk Pasteurisers. Out of this one of the pasteurizer was very old & Energy consumption was very much high in this Equipment. Hence this pasteuriser was replaced with New IDMC 10 Kl Pasteuriser with full auto control Units. So that we could be able to reduce the energy consumption when compared to Old Milk Pasteuriser & hence we could be able to save Rs.8.14 Lakh per year.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): M/s IDMC Ltd, Bangalore					
Total investment, Rs.: 14 Lakhs			Year of implementation: 2007-08		
First year energy cost savings, Rs 8.14 Lakhs					
Second year other savings, : Rs.					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before					
Energy consumption after / Saving				28.105	
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...				2900	
Company complete address: MYSORE DAIRY, A UNIT OF MYSORE – CHAMARAJANAGARA DISTRICT CO-OPERATIVE MILK PRODUCERS' SOCIETIES' UNION LTD., T.NARASIPURA ROAD, SIDDHARTHANAGAR, MYSORE – 570 011. KARNATKA				We authorise Bureau to use this information for dissemination	
Contact person who could be contacted for more information: Mr.T.S.Shashidhar, Manager(Dairy) Telephone No. 0821 2473393, Mobile - 09845557135, Fax No. 0821 2472797. E-Mail ID mymul@sancharnet.in					
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ID to be filled by BEE	Title of the measure <b style="color: red;">Replacement of Old Khoa Vat		Sector : Dairy		
Year to be filled by BEE			Technology: Engineering		
Description of the energy conservation measure: Mysore Dairy is manufacturing good Quantity of Peda to fulfill the demand of the market. Dairy is having Two Khoa Vats of Capacity 18 Kgs /Batch. Out of this One of the vat is very old & heavy leakage of Steam is observed & hence the steam consumption per hour is 18.20 % more than the standard requirement of 80 kgs of Steam. Hence this Khoa vat is replaced with New energy efficient equipment.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): In House implementation, The equipment is Supplied by M/s R.P.M Engineers(India) Ltd., 44-A-, developed Plots, , Chennai, e-mail: rpm@md3.vsnl.net.in					
Total investment, Rs.: 1.30 Lakhs			Year of implementation: 2007-0		
First year energy cost savings, Rs.: 0.59 Lakhs					
Second year other savings,					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	F.Oil (kL)	Other
Energy consumption before					
Energy consumption after / Saving				2.027	
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...				2900	
Company complete address: MYSORE DAIRY, A UNIT OF MYSORE – CHAMARAJANAGARA DISTRICT CO-OPERATIVE MILK PRODUCERS' SOCIETIES' UNION LTD., T.NARASIPURA ROAD, SIDDHARTHANAGAR, MYSORE – 570 011. KARNATKA				We authorise Bureau to use this information for dissemination	
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