


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	Sector- Dairy Category			
Year to be filled by BEE	Installation of new Ghee clarifier for improving production efficiency & saving of power by reducing production hrs.	Technology- Indigenous			
<p>Description of the energy conservation measure: Previously due to less capacity of clarifying the production efficiency was low.</p> <p>Current Status With the installation of new clarifier the production efficiency has improved. Hence reduction in Production hours.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 9.0 lakh			Year of implementation: 2007		
First year energy cost savings, Rs.: 7.86 Lakh					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	157.0				
Energy consumption after	0				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5.0				
<p>Company complete address: Surat District Cooperative Milk Producers' Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date- 06 October,2008</p>	



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 Installation of automatic blow down system in boiler.	Sector- Dairy Category			
Year to be filled by BEE		Technology- Forbes Marshall			
<p>Description of the energy conservation measure: Previously, blow down was done manually this huge thermal energy loss everyday & also no proper monitoring of blow down.</p> <p>Current Status With automatic blow down system efficiency of boiler increased almost by 2 %.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.:1.7 lakh			Year of implementation: 2007		
First year energy cost savings, Rs.: 2.81 Lakh					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before			25545		
Energy consumption after			0		
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL			13		
Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008 Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)				We authorize Bureau to use this information for dissemination Signature Date 06 October,2008	

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 In house development of new oracle based software for optimization of transportation cost of milk.	Sector- Dairy Category																												
Year to be filled by BEE		Technology- Indigenous																												
<p>Description of the energy conservation measure: Previously, full capacity of tanker were not utilized</p> <p>Current Status After installation of oracle based system for monitoring of tanker capacity. All tanker comes with full capacity. Transport cost come down to 0.25 Rs. Per lit.</p>																														
Picture/ sketch/ drawing before modification (if available)		Picture/ sketch/ drawing after modification																												
<table border="1" style="margin: 10px auto; border-collapse: collapse;"> <caption>Data for Reduction in transportation cost of Milk from Chilling centre</caption> <thead> <tr> <th>Month</th> <th>Cost (Rs. per litre)</th> </tr> </thead> <tbody> <tr><td>Apr-07</td><td>0.28</td></tr> <tr><td>May-07</td><td>0.30</td></tr> <tr><td>Jun-07</td><td>0.28</td></tr> <tr><td>Jul-07</td><td>0.27</td></tr> <tr><td>Aug-07</td><td>0.28</td></tr> <tr><td>Sep-07</td><td>0.28</td></tr> <tr><td>Oct-07</td><td>0.25</td></tr> <tr><td>Nov-07</td><td>0.25</td></tr> <tr><td>Dec-07</td><td>0.23</td></tr> <tr><td>Jan-08</td><td>0.22</td></tr> <tr><td>Feb-08</td><td>0.22</td></tr> <tr><td>Mar-08</td><td>0.23</td></tr> <tr><td>AVR</td><td>0.25</td></tr> </tbody> </table>			Month	Cost (Rs. per litre)	Apr-07	0.28	May-07	0.30	Jun-07	0.28	Jul-07	0.27	Aug-07	0.28	Sep-07	0.28	Oct-07	0.25	Nov-07	0.25	Dec-07	0.23	Jan-08	0.22	Feb-08	0.22	Mar-08	0.23	AVR	0.25
Month	Cost (Rs. per litre)																													
Apr-07	0.28																													
May-07	0.30																													
Jun-07	0.28																													
Jul-07	0.27																													
Aug-07	0.28																													
Sep-07	0.28																													
Oct-07	0.25																													
Nov-07	0.25																													
Dec-07	0.23																													
Jan-08	0.22																													
Feb-08	0.22																													
Mar-08	0.23																													
AVR	0.25																													
Agency that executed the project (with complete address and email):																														
Total investment, Rs.: Nil		Year of implementation: 2007																												
First year energy cost savings, Rs.: 84.0																														
First year other savings, Rs.:																														
On annual basis	kWh 000'	Coal (Tons)																												
Energy consumption before		Gas Nm ³																												
Energy consumption after		Diesel Oil (kL)																												
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...		Other																												
Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008 Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)		We authorize Bureau to use this information for dissemination Signature Date 06 October,2008																												



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	Sector – Dairy Category			
Year to be filled by BEE	Automation of Flavored milk sterilizer	Technology – Allen Bradley			
<p>Description of the energy conservation measure: Previously, Sterilizer control was manual which huge heat energy loss.</p> <p>Current Status Currently, with the automation of sterilizer there is huge saving in steam & also bottle breakage reduced.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 1.25 Lakh			Year of implementation: 2007		
First year energy cost savings, Rs.: 1.79 lakh					
First year other savings, Rs:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before			14923		
Energy consumption after			0		
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...			13		
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date: 06 October,2008</p>	



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	Sector- Dairy Category			
Year to be filled by BEE	Installation of high capacity milk transfer pump for Amul Taaza	Technology- Indigenous			
<p>Description of the energy conservation measure: Previously, less capacity pump was installed. This pump was not able to build up balance fast in buffer milk tank use for running milk packing machine. Due to this machine has to be stopped for half an hour. This results in production loss.</p> <p>Current Status Due to installation of new pump balance build up fast in buffer tanks.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.:0.5 Lakh			Year of implementation: 2007		
First year energy cost savings, Rs:1.61 Lakh					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	32.0				
Energy consumption after	0				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5				
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date 06 October,2008</p>	



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		Sector- Dairy Category			
Year to be filled by BEE	Installation of 3 no. high speed 500 ml mechanical machine for milk packing.		Technology- Indigenous			
<p>Description of the energy conservation measure: Previously, Pneumatic machine consumed 35 CFM of air per hour.</p> <p>Current Status With new machine there is no requirement of air.</p>						
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification			
						
Agency that executed the project (with complete address and email):						
Total investment, Rs.: 12.0 Lakh			Year of implementation: 2007			
First year energy cost savings, Rs.:4.08 lakh						
First year other savings, Rs.:						
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other	
Energy consumption before	81.6					
Energy consumption after	0					
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5.0					
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p style="text-align: right;">Signature</p> <p style="text-align: right;">Date 06 October,2008</p>		



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 <b style="color: red;">Installation of new Paneer PHE	Sector ...Dairy.....			
Year to be filled by BEE		Technology			
<b style="color: red;">Description of the energy conservation measure: Previously, old PHE was of less capacity & also heat transfer coefficient was less. It consume more time.					
<b style="color: red;">Current Status With the installation of new PHE the production times decreased & also heat transferred is good in this PHE.					
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification				
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 5.0 Lakh	Year of implementation: 2007				
First year energy cost savings, Rs: 1.0 Lakh					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Diesel Oil (kL)	Other
Energy consumption before			8300		
Energy consumption after			0		
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...			13		
Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008				We authorize Bureau to use this information for dissemination	
Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)				Signature Date 01 October, 2008	

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 Attending steam leakage, 12 times packing has changed, 28 times welding done in line to control leakage, 38 times glen of valve changed.	Sector-Dairy Category			
Year to be filled by BEE		Technology- Indigenous			
Description of the energy conservation measure: Previously, leakages were not attended fast.					
Current Status Now we are attending leakages very fast & also keeping record of that.					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 0.065 Lakh			Year of implementation:2007		
First year energy cost savings, Rs: 2.46 Lakh					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Diesel Oil (kL)	Other
Energy consumption before			24640		
Energy consumption after			0		
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...			13		
Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008				We authorize Bureau to use this information for dissemination Signature Date 06 October,2008	
Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)					



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		Sector- Dairy Category		
Year to be filled by BEE	Replacement Installation of steam control valve at Ghee boiler.		Technology- Samson		
<p>Description of the energy conservation measure: Previously, valve remained fully opened during batch preparation.</p> <p>Current Status With the installation of new control valve valve gets closed when temperature comes.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 0.47 Lakh			Year of implementation:2007		
First year energy cost savings, Rs: 0.13 Lakh					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Diesel Oil (kL)	Other
Energy consumption before			1100		
Energy consumption after			0		
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...			13		
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date 01 October,2008</p>	



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

ID to be filled by BEE	Title of the measure	Sector- Dairy Category			
Year to be filled by BEE	Replacement of 63 no. tubes copper ballast chock with new electronic chock.	Technology - Indigenous			
<p>Description of the energy conservation measure: Previously, old tube light was consuming 58 watt power per hour.</p> <p>Current Status Currently, only 28 watt power per hour consumed in one tube light.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.:0.13 lakh			Year of implementation: 2007		
First year energy cost savings, Rs.:0.165 lakh					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	3.3				
Energy consumption after	0				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5				
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p style="text-align: center;">Signature</p> <p style="text-align: center;">Date 06 October,2008</p>	



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

ID to be filled by BEE	Title of the measure	Sector- Dairy Category			
Year to be filled by BEE	Installation of natural ventilation in Process & Ghee Section.	Technology- Indigenous			
<p>Description of the energy conservation measure: Previously, light were on in process & ghee section during day time also.</p> <p>Current Status But after installation of natural ventilation system in process & ghee these lights are switched off during day time.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs:5.74 lakh			Year of implementation: 2007		
First year energy cost savings, Rs: 0.75 lakh					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	15.1				
Energy consumption after	0				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5				
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date 06 October,2008</p>	



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

ID to be filled by BEE	Title of the measure		Sector- Dairy Category		
Year to be filled by BEE	Replacement of star delta ON/OFF system by VFD at cream tank pump for continuous butter making.		Technology- Allen Bradley		
<p>Description of the energy conservation measure: Previously, pump use to run on full load at variable load on CBC.</p> <p>Current Status Due to installation of VFD now pump run on 50 % load only. This also led to low maintenance cost due to smooth operation of pump.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.:0.5 lakh			Year of implementation:2007		
First year energy cost savings, Rs:0.58 lakh					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	11.7				
Energy consumption after	0				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5.0				
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date: 06 October,2008</p>	



Energy Conservation Measure implemented in 2007-2008

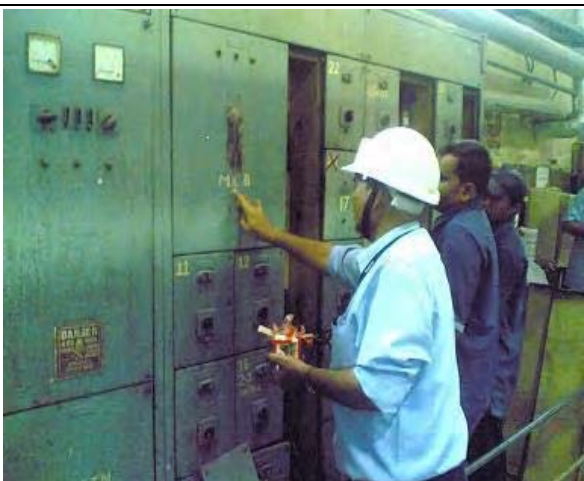

(To be filled up separately for each Energy Conservation Measure)

ID to be filled by BEE	Title of the measure	Sector- Dairy Category			
Year to be filled by BEE	Installation of Harmonic control panel.	Technology- Indigenous			
<p>Description of the energy conservation measure: Due to increase in inductive load there is distortion in voltage & loss in neutral conductor.</p> <p>Current Status With the installation in Harmonic control panel at substation the voltage distortion has been controlled significantly.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 2.35 Lakhs			Year of implementation: 2007		
First year energy cost savings, Rs.: 6.81 Lakhs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	136				
Energy consumption after	0				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5.0				
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date: 06 October,2008</p>	



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

ID to be filled by BEE	Title of the measure		Sector- Dairy Category		
Year to be filled by BEE	Replacement of old MCC with new MCC AT milk packing section.		Technology- Siemens		
<p>Description of the energy conservation measure: Previously old panel was having no APFC for monitoring Power factor.</p> <p>Current Status With the installation of new MCC with APFC & capacitor bank power factor are maintained to unity.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs: 14.0 lakh			Year of implementation: 2007		
First year energy cost savings, Rs:3.88 lakh					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas 3	Oil (kL)	Other
Energy consumption before	77.745				
Energy consumption after	0				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5.0				
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008 Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date: 06 October,2008</p>	



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

ID to be filled by BEE	Title of the measure	Sector- Dairy Category			
Year to be filled by BEE	Installation of 1 No. 150 kl milk silo for improving production efficiency	Technology- Indigenous			
<p>Description of the energy conservation measure: Previously, 6 hrs plant has to run on recirculation due unavailability of space.</p> <p>Current Status Due to commissioning of new Silo the plant circulation time decreased to almost zero.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.:36.45 Lakh			Year of implementation:2007		
First year energy cost savings, Rs: 23.9					
First year other savings, Rs:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	325.8		58912		
Energy consumption after	0				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5.0		13		
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date: 06 October,2008</p>	



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

ID to be filled by BEE	Title of the measure	Sector- Dairy Category			
Year to be filled by BEE	Replacement of star delta system with new soft star at powder plant in vacuum pump.	Technology- Allen Bradley			
<p>Description of the energy conservation measure: Previously, vacuum pump use to run on star delta. This causes more initial current & more line loss.</p> <p>Current Status Due to installation of soft starter initial load has reduced & pump load decreased by 5 amp.</p>					
Picture/ sketch/ drawing before modification			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 0.37 Lakh			Year of implementation: 2007		
First year energy cost savings, Rs.: 0.43 lakh					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	8.61				
Energy consumption after	0				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5.0				
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p style="text-align: center;">Signature</p> <p style="text-align: center;">Date: 06 October,2008</p>	



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

ID to be filled by BEE	Title of the measure	Sector- Dairy Category			
Year to be filled by BEE	Replacement of old manual steam valve with new automatic steam control valve at APS CIP system.	Technology - Indigenous			
<p>Description of the energy conservation measure: Previously, in manual control there is steam loss due to manual error. Many times temperature increased then required temperature.</p> <p>Current Status With the installation of control valve temperature are maintained automatically & chances of human error reduced.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 0.4 Lakh			Year of implementation:2007		
First year energy cost savings, Rs: 0.86 Lakh					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Diesel Oil (kL)	Other
Energy consumption before			7300		
Energy consumption after			0		
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...			13		
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date 06 October,2008</p>	



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ID to be filled by BEE	Title of the measure	Sector- Dairy Category			
Year to be filled by BEE	Replacement of old manual valve with new automatic control valves in Process CIP system.	Technology- Indigenous			
<p>Description of the energy conservation measure: Previously, in manual control there is steam loss due to manual error. Many times temperature increased then required temperature.</p> <p>Current Status With the installation of control valve temperature are maintained automatically & chances of human error reduced.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 0.4 lakh			Year of implementation: 2007		
First year energy cost savings, Rs.: 2.18 Lakhs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before			18200		
Energy consumption after			0		
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...			13		
Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008 Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)				We authorize Bureau to use this information for dissemination Signature Date: 06 October,2008	



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ID to be filled by BEE	Title of the measure Installation of new data centre		Sector- Dairy Category			
Year to be filled by BEE			Technology- Hewlett Packard			
<p>Description of the energy conservation measure: Previously, data security was an issue.</p> <p>Current Status New data centre made with precision air conditioning. 100 % data security.</p>						
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification			
						
Agency that executed the project (with complete address and email):						
Total investment, Rs.:25.0 lakh			Year of implementation: 2007			
First year energy cost savings, Rs.: Nil						
First year other savings, Rs.						
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 ...						
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date: 06 October,2008</p>		



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	Sector- Dairy Category			
Year to be filled by BEE	Replacement of old Thermocol insulation with new PUF panel in milk pouch cold store to save energy.	Technology- Indigenous			
<p>Description of the energy conservation measure: Previously, all these cold store have got 20 year old insulation. Insulation has been torn out at many places. This is causing heat loss, hence increasing refrigeration loss.</p> <p>Current Status Currently, all cold stores converted into PUF panel cold store.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 80 Lakh			Year of implementation: 2007		
First year energy cost savings, Rs.: 7.0 lakh					
First year other savings, Rs:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	140.01				
Energy consumption after	0				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5.0				
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date: 06 October,2008</p>	



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 Installation of new 250 screw compressor.		Sector- Dairy Category			
Year to be filled by BEE			Technology- Frick India			
<p>Description of the energy conservation measure: Previously, two 200 TR compressor use to run. This results in more power consumption.</p> <p>Current Status Due to commissioning of 250 compressor, we can meet our demand by running one 90 TR compressor & 250 TR compressor.</p>						
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification			
						
Agency that executed the project (with complete address and email):						
Total investment, Rs.:47 lakh			Year of implementation:2007			
First year energy cost savings, Rs.: 9.83						
First year other savings, Rs.:						
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other	
Energy consumption before	190					
Energy consumption after	0					
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5.17					
Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008				We authorize Bureau to use this information for dissemination		
Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)				Signature Date: 06 October,2008		



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	Sector- Dairy Category			
Year to be filled by BEE	Recirculation of hot water & caustic in CIP system to reduce thermal, chemical & water consumption.	Technology- Indigenous			
<p>Description of the energy conservation measure: Previously, all caustic & hot water drained out to ETP.</p> <p>Current Status With the optimization of lines along with CIP circulation system all caustic & hot water recovered back. Hence saved thermal energy & chemical consumption.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.:5.0 Lakh			Year of implementation:2007		
First year energy cost savings, Rs: 35.16					
First year other savings, Rs.:18 Lakh					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before			145200		
Energy consumption after			0		
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...			13		
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008 Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date 06 October,2008</p>	



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	Sector- Dairy Category			
Year to be filled by BEE	Installation of automatic Condensate Recovery system.	Technology- Forbes Marshall			
<p>Description of the energy conservation measure: Previously, most of the condensate goes as wastage in drain. Very few quantity utilized in CIP.</p> <p>Current Status With the installation of new condensate recovery system all condensate from pasteurizer & ghee section is collected & transferred to Boiler feed water tank without power.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 1.7 Lakh			Year of implementation: 2007		
First year energy cost savings, Rs.:11.87 Lakh					
First year other savings, Rs.: 1.12 Lakh					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before			90972.6		7482.5 kl water
Energy consumption after			0		
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...			13		15
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p style="text-align: right;">Signature</p> <p style="text-align: right;">Date 06 October,2008</p>	



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		Sector- Dairy Category		
Year to be filled by BEE	Replacement of coal with biomass briquette & Bagas block manufactured in our own cattle feed plant at NPCC/BCC.		Technology- Indigenous		
<p>Description of the energy conservation measure: Previously, coals were used in boiler at chilling centre. There is always problem of quality; cost & also house keeping was poor.</p> <p>Current Status Presently bagas block are used which is cheaper & have good calorific value.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.:1.7 Lakh			Year of implementation: 2007		
First year energy cost savings, Rs.:13.14 Lakh					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before		156.4			
Energy consumption after		0			
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...					
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date 06 October,2008</p>	



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	Sector- Dairy Category			
Year to be filled by BEE	Replacement of PHE with new energy efficient PHE in Paneer section.	Technology- GEA Ecoflex			
<p>Description of the energy conservation measure: Previously, old PHE was of less capacity & also heat transfer coefficient was less. It consume more time.</p> <p>Current Status With the installation of new PHE the production times decreased & also heat transferred is good in this PHE.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 5.0 Lakh			Year of implementation:2007		
First year energy cost savings, Rs: 1.0 Lakh					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Diesel Oil (kL)	Other
Energy consumption before			8300		
Energy consumption after			0		
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...			13		
Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008				We authorize Bureau to use this information for dissemination	
Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)				Signature Date 06 October,2008	



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	Sector- Dairy Category			
Year to be filled by BEE	Replacement of old MCC with new MCC at boiler section	Technology- Siemens			
<p>Description of the energy conservation measure: Previously old panel was having no APFC for monitoring Power factor.</p> <p>Current Status With the installation of new MCC with APFC & capacitor bank power factor are maintained to unity.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.:7.0 lakh			Year of implementation: 2007		
First year energy cost savings, Rs:0.91 lakh					
First year other savings, Rs:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	18.25				
Energy consumption after	0				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kl	5.0				
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date: 06 October,2008</p>	



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	Sector- Dairy Category			
Year to be filled by BEE	Removal extra steam lines from the hot water system of process section.	Technology- Indigenous			
<p>Description of the energy conservation measure: Many lines in process steam header are connected in pasteurizer through by pass. Steam continues to flow through although when plant is not in operation.</p> <p>Current Status All extra lines are removed from the system</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: Nil			Year of implementation: 2007		
First year energy cost savings, Rs: 6.56 Lakh					
First year other savings, Rs.					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Diesel Oil (kL)	Other
Energy consumption before			54700		
Energy consumption after			0		
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL			13		
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date 06 October, 2008</p>	



Energy Conservation Measure implemented in 2007-2008

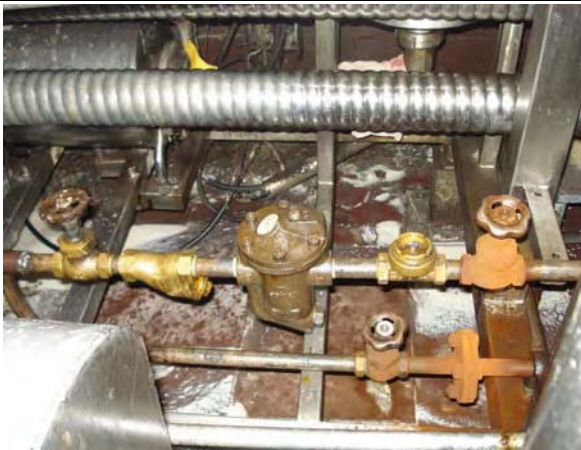

(To be filled up separately for each Energy Conservation Measure)

ID to be filled by BEE	Title of the measure	Sector- Dairy Category			
Year to be filled by BEE	Elimination of one hot water pump for Spira flow in Ghee section.	Technology - Indigenous			
<p>Description of the energy conservation measure: Previously, One pump use to run in spira flow for circulation of hot water.</p> <p>Current Status This hot water pump is removed & hot water is transferred to boiler section as condensate.</p>					
Picture/ sketch/ drawing before modification (if available)		Picture/ sketch/ drawing after modification			
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: Nil			Year of implementation:2007		
First year energy cost savings, Rs: 0.628 lakh					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	12.57				
Energy consumption after	0				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5				
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date 06 October,2008</p>	



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 thermodynamic trap with float ball type traps.	Sector- Dairy Category			
Year to be filled by BEE		Technology- Forbes Marshall			
<p>Description of the energy conservation measure: In old traps there is continuous loss of some live steam.</p> <p>Current Status In new ball float type trap there is no loss of live steam.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 0.42 Lakh			Year of implementation:2007		
First year energy cost savings, Rs.:0.1.89					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before			15760		
Energy consumption after			0		
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...			9.98		
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p style="text-align: right;">Signature</p> <p style="text-align: right;">Date 06 October,2008</p>	



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		Sector- Dairy Category		
Year to be filled by BEE	Replacement of old pneumatic coding with new mechanical coding.		Technology- Indigenous		
<p>Description of the energy conservation measure: Previously, pneumatic coding machine consumes lot of compressed air. This causes more consumption of power in air compressor.</p> <p>Current Status After installation of mechanical coding machine there is saving of around 200 units per day.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.:3.90 lakh			Implementation year: 2007		
First year energy cost savings, Rs: 3.92 lakh					
First year other savings, Rs.					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	78.47				
Energy consumption after	0				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5.0				
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date: 06 October,2008</p>	



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		Sector- Dairy Category			
Year to be filled by BEE	Replacing Air compressor cooling tower with main cooling tower.		Technology- Indigenous			
<p>Description of the energy conservation measure: Previously, one separate pump use to run for cooling water. It consumes more power.</p> <p>Current status: By connecting air compressor with main cooling tower one pump has stopped.</p>						
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification			
						
Agency that executed the project (with complete address and email):						
Total investment, Rs:0.30			Year of implementation: 2007			
First year energy cost savings, Rs:2.93 lakh						
First year other savings, Rs.						
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other	
Energy consumption before	58.6					
Energy consumption after	0					
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5.0					
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p style="text-align: right;">Signature</p> <p style="text-align: right;">Date 06 October,2008</p>		



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	Sector- Dairy Category			
Year to be filled by BEE	Removal of one milk transfer pumps in Tank Room.	Technology- Indigenous			
<p>Description of the energy conservation measure: Previously, at low level in buffer tank we use to run pump for emptying of milk tank into other tank by transferring milk.</p> <p>Current Status But currently we are emptying tank by without transfer to zero level. This is done by proper slop of line to milk packing machine.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs: Nil			Year of implementation: 2007		
First year energy cost savings, Rs: 0.26 Lakh					
First year other savings, Rs:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	5.2				
Energy consumption after	0				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5				
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date 06 October,2008</p>	



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	Sector- Dairy Category			
Year to be filled by BEE	Replacement of 5 hp pump with 3.0 hp pump in CIP returns line.	Technology- Indigenous			
<p>Description of the energy conservation measure: Previously, one pump more were utilized for cip return line in pouch machine CIP.</p> <p>Current Status Currently, pouch machine CIP done without return pump after modification in line.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs: Nil			Year of implementation: 2007		
First year energy cost savings, Rs:0.53 lakh					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	10.5				
Energy consumption after	0				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5				
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date 06 October,2008</p>	



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	Sector- Dairy Category			
Year to be filled by BEE	Replacement of old water distribution system with new hydro flow system along with Header & VFD	Technology- Grundfos			
<p>Description of the energy conservation measure: Previously, 5 pump runs to fulfill the demand of whole dairy plant. Still there was problem of water flow & pressure in all section.</p> <p>Current Status Due to commissioning of new Hydro Flow system water flow & pressure is constant in all section. System is running with only one Pump with most of the time.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: 37.75 Lakh			Year of implementation:2007		
First year energy cost savings, Rs.:25.36 lakh					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	288.56				73000 kl water
Energy consumption after	0				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5.0				15
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p style="text-align: center;">Signature</p> <p style="text-align: center;">Date: 06 October,2008</p>	



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		Sector- Dairy Category			
Year to be filled by BEE	Installation of high speed 6 lit mechanical machine instead of pneumatic machine for milk packing.		Technology- Indigenous			
<p>Description of the energy conservation measure: Previously, Pneumatic machine consumed 35 CFM of air per hour.</p> <p>Current Status With new machine there is no requirement of air.</p>						
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification			
						
Agency that executed the project (with complete address and email):						
Total investment, Rs.:7.4 lakh			Year of implementation: 2007			
First year energy cost savings, Rs: 2.72 lakh						
First year other savings, Rs:						
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other	
Energy consumption before	54.4					
Energy consumption after	0					
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5.0					
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date 06 October,2008</p>		



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	Sector- Dairy Category			
Year to be filled by BEE	Replacement of 250watt HPMV with 80 watt low bay CFL light in milk packing section.	Technology- Indigenous			
<p>Description of the energy conservation measure: Previously, 250 watt HPMV installed in pouch packing area.</p> <p>Current Status These are replaced by 80 watts Low Bay CFL light. This results in lot of saving of power.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.:0.49 lakh			Year of implementation:2007		
First year energy cost savings, Rs.:1.33 lakh					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	26.6				
Energy consumption after	0				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5				
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date 06 October,2008</p>	



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 Synchronization of load on 1000 KVA transformer.	Sector- Dairy Category			
Year to be filled by BEE		Technology-Indigenous			
<p>Description of the energy conservation measure: Previously, all three transformer runs for 24 hrs. But in night shift the load is very less. Transformers run on very less loading.</p> <p>Current status: But currently we are shifting load of one transformer on two transformers & optimize loading capacity of transformer. This results in saving of power.</p>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email):					
Total investment, Rs.: .Nil lakh			Year of implementation: 2007		
First year energy cost savings, Rs: 4.40 Lakh					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	100				
Energy consumption after	0				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	5				
<p>Company complete address: Surat District Cooperative Milk Producers Union Ltd. PO Box-501, Sumul Dairy Surat 395008</p> <p>Contact person who could be contacted for more information: AMIT M. VYAS GM (Tech.)</p>				<p>We authorize Bureau to use this information for dissemination</p> <p>Signature</p> <p>Date 06 October,2008</p>	

