



## Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure	Sector :Paint & Allied Sector
Year to be filled by BEE	Replacement of Analog APFC relay with Digital relay.	Technology .....
<b>Description of the energy conservation measure:</b> Replacement of Old Analog APFC Relay with Microprocessor based Digital Relays		
<b>Picture/ sketch/ drawing before modification</b> (if available)	<b>Picture/ sketch/ drawing after modification</b>	
		
Agency that executed the project (with complete address and email): Sh. Vikas Gupta, Plant Engineering Department Addr:A-1 UPSIDC Ind. Area,Kasna, Greater Noida, Email:vikas.gupta@asianpaints.com		
Total investment, Rs.:0.46 lacs	Year of implementation:2006-07	



First year energy cost savings, Rs.:1.17 lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	2847636				
Energy consumption after	2818872				
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL ...	Rs.4.1/ KWH				
Company complete address:Asian Paints Ltd. A-1,UPSIDC Industrial Area,Kasna Greater Noida,UP  Contact person who could be contacted for more information: Sh. Vikas Gupta				We authorise Bureau to use this information for dissemination  Signature  Date	

## Energy Conservation Measure implemented in 2006-2007


ID to be filled by BEE	Title of the measure DG Cooling Tower pump replacement	Sector :Paint & Allied Sector
Year to be filled by BEE		Technology .....
<b>Description of the energy conservation measure: Optimization of cooling water in two DG cooling towers by replacing two 7.5 KW motors with one 11KW motor.</b>		
<b>Picture/ sketch/ drawing before modification</b> (if available)	<b>Picture/ sketch/ drawing after modification</b>	
		
Agency that executed the project (with complete address and email): Sh. Vikas Gupta, Plant Engineering Department Addrs:A-1 UPSIDC Ind. Area,Kasna,Greater Noida, Email:vikas.gupta@asianpaints.com		
Total investment, Rs.:2.8 lacs	Year of implementation:2006-07	

First year energy cost savings, Rs.:0.68 lacs					
First year other savings, Rs.:					
On annual basis	kWh	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	31536				
Energy consumption after	23126				
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL ...	Rs.4.1/ KWH				
Company complete address:Asian Paints Ltd. A-1,UPSIDC Industrial Area,Kasna Greater Noida,UP  Contact person who could be contacted for more information: Sh. Vikas Gupta				We authorise Bureau to use this information for dissemination  Signature  Date	

## Energy Conservation Measure implemented in 2006-2007


ID to be filled by BEE	<b>Replacement of the surface aerator with a diffused aerator</b>	Sector Paints & Allied			
Year to be filled by BEE		Technology .....			
<b>Description of the energy conservation measure:</b>					
<p>The aeration in the ETP used to happen with the help of a surface aerator, which used to agitate the water thereby getting it in contact with the air &amp; hence enhancing oxidation. The same is now replaced by a diffused aeration system which passes diffused air through the effluent chamber thus causing oxygenation. The benefits of the system are improved efficiencies &amp; lower energy requirement.</p>					
<b>Picture/ sketch/ drawing before modification</b> (if available)			<b>Picture/ sketch/ drawing after modification</b>		
					
Agency that executed the project (with complete address and email): Triveni Engg (for membranes only). Everything else done internally					
Total investment, Rs.:3.63 lacs			Year of implementation:2006-2007		
First year energy cost savings, Rs.:1.49 lacs					
First year other savings, Rs.:					
On annual basis	kWh	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	39420				
Energy consumption after	Nil				
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL ...	Rs. 4.1/KWH				
Company complete address: Asian Paints Ltd. A-1, UPSIDC Industrial Area, Kasna Greater Noida, UP				We authorise Bureau to use this information for dissemination  Signature  Date	
Contact person who could be contacted for more information: Sh. Vikas Gupta					

## Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure Replacement of Electrical Heater	Sector :Paint & Allied Sector
Year to be filled by BEE		Technology .....
<b>Description of the energy conservation measure:</b> Replacement of High Wattage Electrical Heater with low wattage Electrical Heater		
<b>Picture/ sketch/ drawing before modification</b> (if available)	<b>Picture/ sketch/ drawing after modification</b>	
		
Agency that executed the project (with complete address and email): Sh. Vikas Gupta, Plant Engineering Department Addr:A-1 UPSIDC Ind. Area,Kasna,Greater Noida, Email:vikas.gupta@asianpaints.com		
Total investment, Rs.:0.21 lacs	Year of implementation:2006-07	


First year energy cost savings, Rs.:0.45 lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	27900				
Energy consumption after	16740				
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL ...	Rs. 4.1/ KWH				
Company complete address:Asian Paints Ltd. A-1,UPSIDC Industrial Area,Kasna Greater Noida,UP				We authorise Bureau to use this information for dissemination	
Contact person who could be contacted for more information: Sh. Vikas Gupta				Signature	
				Date	

## Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure VFD in Forced Draft Ventilator	Sector :Paint & Allied Sector
Year to be filled by BEE		Technology .....
Description of the energy conservation measure: Installation of Variable Frequency Drive On Forced Draft Ventilator of Industrial Paint Unit		
<b>Picture/ sketch/ drawing before modification</b> (if available)	<b>Picture/ sketch/ drawing after modification</b>	
		
Agency that executed the project (with complete address and email): Sh. Vikas Gupta, Plant Engineering Department Addr:A-1 UPSIDC Ind. Area,Kasna,Greater Noida, Email:vikas.gupta@asianpaints.com		
Total investment, Rs.:2.8 lacs	Year of implementation:2006-07	


First year energy cost savings, Rs.:1.5 lacs					
First year other savings, Rs.:					
On annual basis	kWh	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	134693.6				
Energy consumption after	116629.2 428				
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL ...	Rs.4.1/ KWH				
Company complete address:Asian Paints Ltd. A-1,UPSIDC Industrial Area,Kasna Greater Noida,UP				We authorise Bureau to use this information for dissemination	
Contact person who could be contacted for more information: Sh. Vikas Gupta				Signature	
				Date	

## Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure Replacement of Old Motors	Sector :Paint & Allied Sector
Year to be filled by BEE		Technology .....
<b>Description of the energy conservation measure:</b> Replacement of low efficiency Motors with energy efficient Motors		
<b>Picture/ sketch/ drawing before modification</b> (if available)	<b>Picture/ sketch/ drawing after modification</b>	
		
Agency that executed the project (with complete address and email): Sh. Vikas Gupta, Plant Engineering Department Addr:A-1 UPSIDC Ind. Area,Kasna,Greater Noida, Email:vikas.gupta@asianpaints.com		
Total investment, Rs.:5.2 lacs	Year of implementation:2006-07	

First year energy cost savings, Rs.:4.18 lacs					
First year other savings, Rs.:					
On annual basis	kWh	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	612014.4				
Energy consumption after	510012				
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL ...	Rs.4.1/ kWh				
Company complete address:Asian Paints Ltd. A-1,UPSIDC Industrial Area,Kasna Greater Noida,UP				We authorise Bureau to use this information for dissemination	
Contact person who could be contacted for more information: Sh. Vikas Gupta				Signature	
				Date	

## Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure	Sector :Paint & Allied Sector
Year to be filled by BEE	Replacement of Electrical Heater be TP Heater	Technology .....
<b>Description of the energy conservation measure: Substitution of Electrical Heater in Oil Preheater with Thermic Fluid line</b>		
<b>Picture/ sketch/ drawing before modification</b> (if available)	<b>Picture/ sketch/ drawing after modification</b>	
		
Agency that executed the project (with complete address and email): Sh. Vikas Gupta, Plant Engineering Department Addrs:A-1 UPSIDC Ind. Area,Kasna,Greater Noida, Email:vikas.gupta@asianpaints.com		
Total investment, Rs.:1.42 lacs	Year of implementation:2006-07	


First year energy cost savings, Rs.:2.0 lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	48960				
Energy consumption after	0.0				
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL ...	Rs.4.1/ KWH				
Company complete address:Asian Paints Ltd. A-1,UPSIDC Industrial Area,Kasna Greater Noida,UP  Contact person who could be contacted for more information: Sh. Vikas Gupta				We authorise Bureau to use this information for dissemination  Signature  Date	

## Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure Reallocation of powder coating area.	Sector :Paint & Allied Sector
Year to be filled by BEE		Technology .....
<b>Description of the energy conservation measure:</b> Reallocation of Prime Production Equipment of Powder Coating Area		
<b>Picture/ sketch/ drawing before modification</b> (if available)	<b>Picture/ sketch/ drawing after modification</b>	
Agency that executed the project (with complete address and email): Sh. Vikas Gupta, Plant Engineering Department Addr:A-1 UPSIDC Ind. Area,Kasna,Greater Noida, Email:vikas.gupta@asianpaints.com		
Total investment, Rs.:4.5 lacs	Year of implementation:2006-07	


First year energy cost savings, Rs.:7.38 lacs					
First year other savings, Rs.:					
On annual basis	kWh	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	1,80,000				
Energy consumption after	0				
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL ...	Rs.4.1/ KWH				
Company complete address:Asian Paints Ltd. A-1,UPSIDC Industrial Area,Kasna Greater Noida,UP  Contact person who could be contacted for more information: Sh. Vikas Gupta				We authorise Bureau to use this information for dissemination  Signature  Date	

## Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure	Sector :Paint & Allied Sector
Year to be filled by BEE	Optimization of Heating Cycle time through Automation	Technology .....
<b>Description of the energy conservation measure: Optimization of Heating Cycle Time through DCS Automation in 3 Reactor of Resin House</b>		
<b>Picture/ sketch/ drawing before modification</b> (if available)	<b>Picture/ sketch/ drawing after modification</b>	
		
Agency that executed the project (with complete address and email): Sh. Vikas Gupta, Plant Engineering Department Addr:A-1 UPSIDC Ind. Area,Kasna,Greater Noida, Email:vikas.gupta@asianpaints.com		
Total investment, Rs.: <b>34</b> lacs	Year of implementation:2006-07	

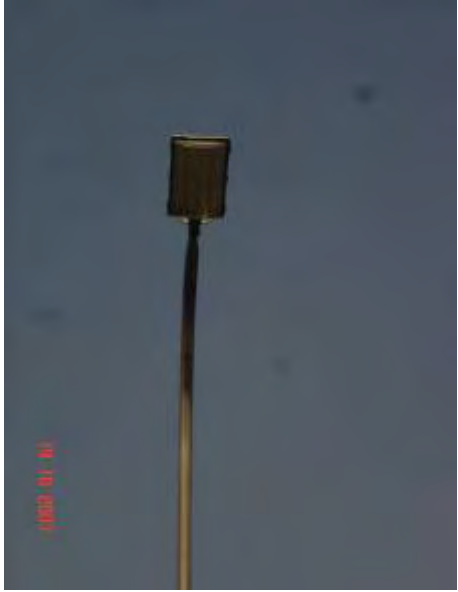
First year energy cost savings, Rs.: <b>9.45</b> lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before				1070.6KL	
Energy consumption after				1024.3KL	
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL ...				Rs 20420/KL	
Company complete address:Asian Paints Ltd. A-1,UPSIDC Industrial Area,Kasna Greater Noida,UP				We authorise Bureau to use this information for dissemination	
Contact person who could be contacted for more information: Sh. Vikas Gupta				Signature	
				Date	

## Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure Replacement of Faulty QRC.	Sector :Paint & Allied Sector
Year to be filled by BEE		Technology .....
<b>Description of the energy conservation measure:</b> Replacement of local make pneumatic Quick Release Coupling with Standard Quick Release Coupling		
<b>Picture/ sketch/ drawing before modification</b> (if available)	<b>Picture/ sketch/ drawing after modification</b>	
		
Agency that executed the project (with complete address and email): Sh. Vikas Gupta, Plant Engineering Department Addrs:A-1 UPSIDC Ind. Area,Kasna,Greater Noida, Email:vikas.gupta@asianpaints.com		
Total investment, Rs.:1.26 lacs	Year of implementation:2006-07	


First year energy cost savings, Rs.:0.89 lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	437842.3				
Energy consumption after	415950.2				
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL ...	Rs.4.1/ KWH				
Company complete address:Asian Paints Ltd. A-1,UPSIDC Industrial Area,Kasna Greater Noida,UP  Contact person who could be contacted for more information: Sh. Vikas Gupta				We authorise Bureau to use this information for dissemination  Signature  Date	

## Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure Replacement of Streetlight.	Sector :Paint & Allied Sector
Year to be filled by BEE		Technology .....
<b>Description of the energy conservation measure:</b> Replacement of HPSV Streetlights with Energy Efficient T-5 Multi light Streetlight		
<b>Picture/ sketch/ drawing before modification</b> (if available)	<b>Picture/ sketch/ drawing after modification</b>	
		
Agency that executed the project (with complete address and email): Sh. Vikas Gupta, Plant Engineering Department Addrs:A-1 UPSIDC Ind. Area,Kasna,Greater Noida, Email:vikas.gupta@asianpaints.com		
Total investment, Rs.:1.29 lacs	Year of implementation:2006-07	

First year energy cost savings, Rs.:0.488 lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	30134.4				
Energy consumption after	18220.8				
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL ...	Rs.4.1 /KWH				
Company complete address:Asian Paints Ltd. A-1,UPSIDC Industrial Area,Kasna Greater Noida,UP  Contact person who could be contacted for more information: Sh. Vikas Gupta				We authorise Bureau to use this information for dissemination  Signature  Date	

## Energy Conservation Measure implemented in 2006-2007

ID to be filled by BEE	Title of the measure	Sector :Paint & Allied Sector
Year to be filled by BEE	Variable Frequency Drive on Metering Pump	Technology .....
<b>Description of the energy conservation measure: Installation of Variable Frequency Drive on Metering Pump of Reactor Rea-K407</b>		
<b>Picture/ sketch/ drawing before modification</b> (if available)	<b>Picture/ sketch/ drawing after modification</b>	
		
Agency that executed the project (with complete address and email): Sh. Vikas Gupta, Plant Engineering Department Addr:A-1 UPSIDC Ind. Area, Kasna, Greater Noida, Email:vikas.gupta@asianpaints.com		
Total investment, Rs.:0.4 lacs	Year of implementation:2006-07	

First year energy cost savings, Rs.:0.37 lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	16354				
Energy consumption after	7277.53				
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL ...	Rs.4.1/ KWH				
Company complete address:Asian Paints Ltd. A-1,UPSIDC Industrial Area,Kasna Greater Noida,UP  Contact person who could be contacted for more information: Sh. Vikas Gupta				We authorise Bureau to use this information for dissemination  Signature  Date	