


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 Higher Capacity pump	Sector : Paint & Allied
Year to be filled by BEE		Technology
Description of the energy conservation measure: Installation of single Higher capacity Pump in place of 2 Pumps by optimizing the Flow rate Resin house cooling towers		
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification	
		
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.: 1.6 lacs	Year of implementation:2007-2008	

First year energy cost savings, Rs.: 4.2 lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	6.02				
Energy consumption after	5.02				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.1				
Company complete address: Asian Paints Ltd. A-1, UPSIDC Industrial Area, Kasna Greater Noida, UP Phone No-01202344000, Fax No.-01202341210 Contact person who could be contacted for more information: Sh. Vikas Gupta				We authorise Bureau to use this information for dissemination Signature Date	

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


ID to be filled by BEE	Title of the measure Installation of lighting transformer	Sector :Paint & Allied Sector
Year to be filled by BEE		Technology
Description of the energy conservation measure: Installation of lighting transformer in main lighting distribution board for regulating & minimizing the Lighting load of Plant		
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification	
		
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.: 2.0 lacs	Year of implementation: 2007-2008	

First year energy cost savings, Rs.: 4.5 lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	6.9				
Energy consumption after	5.8				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.1				
Company complete address: Asian Paints Ltd. A-1, UPSIDC Industrial Area, Kasna Greater Noida, UP Phone No-01202344000, Fax No.-01202341210 Contact person who could be contacted for more information: Sh. Vikas Gupta				We authorise Bureau to use this information for dissemination Signature Date	

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ID to be filled by BEE	Title of the measure Surface area Enhancement	Sector: Paint & Allied Sector
Year to be filled by BEE		Technology
<p>Description of the energy conservation measure: Enhancement of surface area of cooling coil of Reactor-06 reducing the Cooling cycle time.</p>		
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification	
		
<p>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</p>		
Total investment, Rs.: 4 lacs	Year of implementation:2007-2008	

First year energy cost savings, Rs.: 3.43 lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	1.67				
Energy consumption after	0.83				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.1				
Company complete address: Asian Paints Ltd. A-1, UPSIDC Industrial Area, Kasna Greater Noida, UP Phone No-01202344000, Fax No.-01202341210 Contact person who could be contacted for more information: Sh. Vikas Gupta				We authorise Bureau to use this information for dissemination Signature Date	

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ID to be filled by BEE	Title of the measure Installation of Variable frequency drive	Sector : Paint & Allied Sector
Year to be filled by BEE		Technology
Description of the energy conservation measure: Installation of Variable Frequency Drive in Twin Shaft Dispersion machine in Liquid Paint Processing		
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification	
		
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.: 1.0 lacs	Year of implementation:2007-2008	

First year energy cost savings, Rs.: 0.89 lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	1.7				
Energy consumption after	1.5				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.1				
Company complete address: Asian Paints Ltd. A-1, UPSIDC Industrial Area, Kasna Greater Noida, UP Phone No-01202344000, Fax No.-01202341210 Contact person who could be contacted for more information: Sh. Vikas Gupta				We authorise Bureau to use this information for dissemination Signature Date	

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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 Air pre-heater for thermopac	Sector :Paint & Allied
Year to be filled by BEE		Technology
<p>Description of the energy conservation measure: Installed one Air pre heater in Thermopac for providing heating to Air through thermic fluid.</p>		
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification	
		
<p>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</p>		
Total investment, Rs.: 2.75 lacs	Year of implementation:2007-2008	

First year energy cost savings, Rs.: 0.69 lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before				1.8	
Energy consumption after				1.72	
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...				22.7/ltr	
Company complete address: Asian Paints Ltd. A-1, UPSIDC Industrial Area, Kasna Greater Noida, UP Phone No-01202344000, Fax No.-01202341210 Contact person who could be contacted for more information: Sh. Vikas Gupta				We authorise Bureau to use this information for dissemination Signature Date	

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


ID to be filled by BEE	Title of the measure Auto-Cut Off Timers in Twin shaft Dispersion machine	Sector :Paint & Allied
Year to be filled by BEE		Technology
Description of the energy conservation measure: Installation of Auto-Cut Off timers in Twin Shaft Dispersion machines in Liquid Paint Processing section		
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification	
		
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.: 1.0 lacs	Year of implementation:2007-2008	

First year energy cost savings, Rs.: 8.05 lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	0.49				
Energy consumption after	0.29				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.1				
Company complete address: Asian Paints Ltd. A-1, UPSIDC Industrial Area, Kasna Greater Noida, UP Phone No-01202344000, Fax No.-01202341210 Contact person who could be contacted for more information: Sh. Vikas Gupta				We authorise Bureau to use this information for dissemination Signature Date	

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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 Chilling line	Sector: Paint & Allied
Year to be filled by BEE		Technology
Description of the energy conservation measure: Replacement of corroded & punctured old Chilling line with the new one		
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification	
		
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.: 4.6 lacs	Year of implementation: 2007-2008	

First year energy cost savings, Rs.: 0.92 lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	4.9				
Energy consumption after	4.7				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.1				
Company complete address: Asian Paints Ltd. A-1, UPSIDC Industrial Area, Kasna Greater Noida, UP Phone No-01202344000, Fax No.-01202341210 Contact person who could be contacted for more information: Sh. Vikas Gupta				We authorise Bureau to use this information for dissemination Signature Date	

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


ID to be filled by BEE	Title of the measure Modification in Chilling plant	Sector : Paint & Allied
Year to be filled by BEE		Technology
Description of the energy conservation measure: Modification in Chilling plant of Industrial Paint Unit by replacing the Tank & Cil system with R12 refrigerant to Shell & Tube type system with R14a refrigerant.		
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification	
		
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.: 1.0 lacs	Year of implementation:2007-2008	

First year energy cost savings, Rs.: 1.05 lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	0.61				
Energy consumption after	0.36				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.1				
Company complete address: Asian Paints Ltd. A-1, UPSIDC Industrial Area, Kasna Greater Noida, UP Phone No-01202344000, Fax No.-01202341210 Contact person who could be contacted for more information: Sh. Vikas Gupta				We authorise Bureau to use this information for dissemination Signature Date	

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ID to be filled by BEE	Title of the measure Modification in Compressor line	Sector :Paint & Allied
Year to be filled by BEE		Technology
Description of the energy conservation measure: Modification done in 70 CFM compressor line by reducing the number of bends to eliminate the pressure drop.		
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification	
		
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.: 0.03 lacs	Year of implementation: 2007-2008	

First year energy cost savings, Rs.: 0.058 lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	0.013				
Energy consumption after	0.011				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL	4.1				
Company complete address: Asian Paints Ltd. A-1, UPSIDC Industrial Area, Kasna Greater Noida, UP Phone No-01202344000 Fax No.-01202341210 Contact person who could be contacted for more information: Sh. Vikas Gupta				We authorise Bureau to use this information for dissemination Signature Date	

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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 :Paint & Allied Sector
Year to be filled by BEE	Replacement of Gear pump with Diaphragm Pump	Technology
Description of the energy conservation measure: Replacement of Gear pump of dynamill with Diaphragm pump in Industrial Paint Unit		
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification	
		
Agency that executed the project (with complete address and email): Sh. Vikas Gupta, Plant Engineering Department Adrs:A-1 UPSIDC Ind. Area,Kasna,Greater Noida, Email:vikas.gupta@asianpaints.com		
Total investment, Rs.: 0.5 lacs	Year of implementation:2007-2008	

First year energy cost savings, Rs.: 0.27 lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	0.14				
Energy consumption after	0.075				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.1				
Company complete address: Asian Paints Ltd. A-1, UPSIDC Industrial Area, Kasna Greater Noida, UP Phone No-01202344000, Fax No.-01202341210 Contact person who could be contacted for more information: Sh. Vikas Gupta				We authorise Bureau to use this information for dissemination Signature Date	

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ID to be filled by BEE	Title of the measure Installation of Energy Efficient motors	Sector: Paint & Allied
Year to be filled by BEE		Technology
Description of the energy conservation measure: Installation of energy efficient EFF1 motors in cooling towers		
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification	
		
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.: 2.1 lacs	Year of implementation:2007-2008	

First year energy cost savings, Rs.: 0.50 lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	1.2				
Energy consumption after	1.08				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.1				
Company complete address: Asian Paints Ltd. A-1, UPSIDC Industrial Area, Kasna Greater Noida, UP Phone No-01202344000, Fax No.-01202341210 Contact person who could be contacted for more information: Sh. Vikas Gupta				We authorise Bureau to use this information for dissemination Signature Date	

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ID to be filled by BEE	Title of the measure Heat Tracing in Medium Tank Yard	Sector :Paint & Allied
Year to be filled by BEE		Technology
Description of the energy conservation measure: Installation of Heat tracing system in medium tank yard to reduce the viscosity of medium in Winter		
Picture/ sketch/ drawing before modification (if available)	Picture/ sketch/ drawing after modification	
		
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 lacs	Year of implementation: 2007-2008	

First year energy cost savings, Rs.: 0.31 lacs					
First year other savings, Rs.:					
On annual basis	kWh 000'	Coal (Tons)	Gas Nm ³	Oil (kL)	Other
Energy consumption before	0.19				
Energy consumption after	0.11				
Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ...	4.1				
Company complete address: Asian Paints Ltd. A-1, UPSIDC Industrial Area, Kasna Greater Noida, UP Phone No-01202344000, Fax No.-01202341210 Contact person who could be contacted for more information: Sh. Vikas Gupta				We authorise Bureau to use this information for dissemination Signature Date	

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