




Energy Conservation Measure implemented in 2006-2007

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|--|----------------------|-------------|---|------------------------|--|-------|
| ID to be filled by BEE | Title of the measure | | Sector ... CEMENT | | | |
| Year to be filled by BEE | | | Technology | | | |
| Description of the energy conservation measure: 16 nos. low efficiency fans have been replaced with high efficiency fans in various dust collectors. Power consumption has reduced from 146.4 KW/hr to 92.7. | | | | | | |
| Picture/ sketch/ drawing before modification (if available) | | | Picture/ sketch/ drawing after modification | | | |
| | | |  | | | |
| Agency that executed the project (with complete address and email): M/s BATLIBOY – HOUSE 25/26, Deonar ,Ancilliary Industrial Estate, Deonar ,Govandi(W) ,Mumbai-43 Email: beel.bom@batliboy.com | | | | | | |
| Total investment, Rs.: 22.17 Lac | | | Year of implementation: 2006-07 | | | |
| First year energy cost savings, Rs.: 19.125 Lakh | | | | | | |
| First year other savings, Rs.: | | | | | | |
| On annual basis | | kWh 000' | Coal (Tons) | Gas Nm ³ | Oil (kL) | Other |
| Energy consumption before | | 146.4 | | | | |
| Energy consumption after | | 92.7 | | | | |
| Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ... | | 4.5 | | | | |
| Company complete address: Shree Cement Limited Bangur Nagar, Beawar – 305901 Tele: 01462- 228101-106, Fax: 01462- 228117-119 Contact person who could be contacted for more information: Sh. S.K.Jain AGM (Project) | | | | | We authorise Bureau to use this information for dissemination Signature Date | |


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| Description of the energy conservation measure: GCT water pump operating at very low efficiency. It has been decided to replace pump with higher efficiency, which resulted in saving of 20 KW/hr. | | | | | | |
| Picture/ sketch/ drawing before modification (if available) | | | Picture/ sketch/ drawing after modification | | | |
| | | |  | | | |
| Agency that executed the project (with complete address and email): KSB Pump URSS Technosevices Pvt Limited, B-2, Jayanti Market, Mirza Ismail Road, Jaipur- 302001 | | | | | | |
| Total investment, Rs.: 3 Lakh | | | Year of implementation: 2006-07 | | | |
| First year energy cost savings, Rs.: 6.48 | | | | | | |
| First year other savings, Rs.: | | | | | | |
| On annual basis | kWh 000' | Coal (Tons) | Gas Nm ³ | Oil (kL) | Other | |
| Energy consumption before | 4.32 | | | | | |
| Energy consumption after | 2.88 | | | | | |
| Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ... | 4.5 | | | | | |
| Company complete address: Shree Cement Limited Bangur Nagar, Beawar – 305901 Tele: 01462- 228101-106, Fax: 01462- 228117-119&124 | | | | We authorise Bureau to use this information for dissemination | | |
| Contact person who could be contacted for more information: Sh. R.K.Manawat Sr. GM (Process) | | | | Signature Date | | |

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| <p>Description of the energy conservation measure: Belt motor design to meet the high starting torque. This requires selection of high rating motor. During normal operation running load of conveyor is very less approx 30%, which resulting in power loss. To overcome this losses energy saver controller has been installed. Energy saving achieved due to three energy saver is 4.52 Lakh per annum.</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.: 4.39 Lakh (3 No Energy Saver) | | | Year of implementation: 2006-07 | | |
| First year energy cost savings, Rs.: 4.52 Lakh | | | | | |
| First year other savings, Rs.: | | | | | |
| On annual basis | kWh 000' | Coal (Tons) | Gas Nm ³ | Oil (kL) | Other |
| Energy consumption before | 625.16 | | | | |
| Energy consumption after | 524.8 | | | | |
| Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ... | 4.5 | | | | |
| Company complete address: Shree Cement Limited Bangur Nagar, Beawar – 305901 Tele: 01462- 228101-106, Fax: 01462- 228117-119&124 | | | | We authorise Bureau to use this information for dissemination | |
| Contact person who could be contacted for more information: Sh S.K.Dixit AGM (Electrical) | | | | Signature Date | |

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| <p>Description of the energy conservation measure: To increase the blended cement production another fly ash silo has been constructed. PPC production percentage continuously increases over the year. In the year 2006-07 unit has registered its PPC production to 90.7%.This reduces the specific energy consumption.</p> | | | | | | |
| Picture/ sketch/ drawing before modification (if available) | | | Picture/ sketch/ drawing after modification | | | |
| | | |  | | | |
| Agency that executed the project (with complete address and email): k.J.Rawal (G.M.), Ganon Dunkerlay & Co. Ltd., Ramniwas No.-2, near Gujrat Samachar, Post Box -232, Ahemadabad, Gujrat, ganonadad1@sancharnet.in , Ph. – 079-25501675 | | | | | | |
| Total investment, Rs.: 448 Lakh | | | Year of implementation: 2006-07 | | | |
| First year energy cost savings, Rs.: 136.47 Lakh | | | | | | |
| First year other savings, Rs.: | | | | | | |
| On annual basis | kWh 000' | Coal (Tons) | Gas Nm ³ | Oil (kL) | Other | |
| Energy consumption before (approx) | 132400 | | | | | |
| Energy consumption after (approx) | 129367 | | | | | |
| Energy tariff, Rs/ kWh/ Ton/ Nm ³ / kL ... | 4.5 | | | | | |
| Company complete address: Shree Cement Limited Bangur Nagar, Beawar – 305901 Tele: 01462- 228101-106, Fax: 01462- 228117-119&124 | | | | We authorise Bureau to use this information for dissemination | | |
| Contact person who could be contacted for more information: Sh S.K.Jain AGM (Project) | | | | Signature Date | | |