

### 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>ELECTRICAL ENERGY CONSERVATION MEASURE</b>	Sector ... <b>CEMENT</b> .....			
Year to be filled by BEE		<b>Technology : Energy Optimization</b>			
Description of the energy conservation measure: <b>Optimise loading of 01 no. main power transformers of 20/25 MVA</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<b><u>NOT APPLICABLE</u></b>			<b><u>NOT APPLICABLE</u></b>		
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 00.00 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 7.14 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>25.0</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>0.00</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
Company complete address: <b>JAYPEE REWA PLANT JAYPEE NAGAR, DIST. - REWA (M . P.), PIN – 486450 TEL : 07662 - 229 212 - 217 &amp; FAX : 07662 - 229 218 Email : gv.bhat@jalindia.co.in</b>				We authorise Bureau to use this information for dissemination  Signature :  Date : <b>07.10.2008</b>	
Contact person who could be contacted for more information: <b>SHRI G. V. BHAT, PRESIDENT (Tech.)</b>					

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Year to be filled by BEE			Technology : <b>Energy Optimization</b>		
Description of the energy conservation measure: <b>Optimise the operating voltage of 06 nos. distribution transformers at Crusher, LC-2 &amp; LC-3</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<b><u>NOT APPLICABLE</u></b>			<b><u>NOT APPLICABLE</u></b>		
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 00.00 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 8.75 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>5500</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>5465</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
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Year to be filled by BEE		Technology : <b>Energy Optimization</b>			
Description of the energy conservation measure: <b>Reduced leakage level and optimise operating pressure in packing plant compressor</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<b><u>NOT APPLICABLE</u></b>			<b><u>NOT APPLICABLE</u></b>		
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 00.00 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 4.38 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>112</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>95</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
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Year to be filled by BEE		Technology : <b>Energy Optimization</b>			
Description of the energy conservation measure: <b>Increase pressure drop up to optimum level in 03 nos. bag filters (431BF1, K12BF1 &amp; 511FN8)</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<u><b>NOT APPLICABLE</b></u>			<u><b>NOT APPLICABLE</b></u>		
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 00.00 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 3.08 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>37.6</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>25.8</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
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Year to be filled by BEE		Technology : <b>Energy Optimization</b>			
Description of the energy conservation measure: <b>Avoid idle operation of flyash conveying compressor</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<b><u>NOT APPLICABLE</u></b>			<b><u>NOT APPLICABLE</u></b>		
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 00.00 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 1.58 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>30.3</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>24.2</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
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Year to be filled by BEE		<b>Technology : Energy Optimization</b>			
Description of the energy conservation measure: <b>Minimise the voltage drop across the MCC-11 feeder</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<b><u>NOT APPLICABLE</u></b>			<b><u>NOT APPLICABLE</u></b>		
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 00.00 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 0.33 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>110.0</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>108.7</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
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Year to be filled by BEE		Technology : <b>Energy Optimization</b>			
Description of the energy conservation measure: <b>Optimize operation of FAD ESP heaters</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<u><b>NOT APPLICABLE</b></u>			<u><b>NOT APPLICABLE</b></u>		
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 00.00 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 2.30 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>8.40</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>0.00</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
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Year to be filled by BEE		Technology : <b>Energy Optimization</b>			
Description of the energy conservation measure: <b>Minimize air infiltration in JRP : U-1 coal mill circuit</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<b><u>NOT APPLICABLE</u></b>			<b><u>NOT APPLICABLE</u></b>		
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 00.00 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 4.77 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>244</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>220</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
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Year to be filled by BEE		Technology : <b>Energy Optimization</b>			
Description of the energy conservation measure: <b>Avoid damper loss by correction / maintenance of JRP : U-1 &amp; JRP : U-2 both PH (KS+CS) Fans</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<u><b>NOT APPLICABLE</b></u>			<u><b>NOT APPLICABLE</b></u>		
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 00.00 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 22.44 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>4270</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>4184</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
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Year to be filled by BEE		Technology : <b>Energy Optimization</b>			
Description of the energy conservation measure: <b>Reduce speed of silo aeration blower in old packing plant</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<b><u>NOT APPLICABLE</u></b>			<b><u>NOT APPLICABLE</u></b>		
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 00.00 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 2.35 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>55.0</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>46.0</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
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Year to be filled by BEE		<b>Technology : Latest Technology</b>			
Description of the energy conservation measure: <b>a) JRP : U-1 : Demand side controller installed for CPT-Compressor (02 nos.)</b> <b>b) Demand side controller installed for CPT-old compressor for cement mills</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<b><u>NOT APPLICABLE</u></b>					
Agency that executed the project (with complete address and email): <b>M/s Godrej &amp; Boyce Mfg Co Ltd. Electrical &amp; Electronics Division, PI-35, Compressed Air Solutions, Pirojsha Nagar, Vikroli, Mumbai – 400 079 (India), Email : <a href="mailto:kcp@godrej.com">kcp@godrej.com</a>, <a href="mailto:roshe@godrej.com">roshe@godrej.com</a>, Tel : 022-6792251 - 55</b>					
Total investment, <b>Rs. 6.40 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 3.79 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>337</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>264</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
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Year to be filled by BEE		<b>Technology : Energy Optimization</b>			
Description of the energy conservation measure: <b>JRP : U-1 : DBC drag chain dedusting pipe line connected to cooler ESP and it's bag filter &amp; fan was stopped</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<b><u>NOT APPLICABLE</u></b>					
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 00.00 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 23.22 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>89.0</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>0.00</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
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Year to be filled by BEE		Technology : <b>Energy Optimization</b>			
Description of the energy conservation measure: <b>Clinker yard tunnel Pan conveyor dedusting BF Fan (511 FN2) pulley replaced to reduce BF fan speed, to avoid damper losses</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<u><b>NOT APPLICABLE</b></u>			<u><b>NOT APPLICABLE</b></u>		
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 00.00 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 2.24 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>27.6</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>19.0</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
Company complete address: <b>JAYPEE REWA PLANT JAYPEE NAGAR, DIST. - REWA (M . P.), PIN – 486450 TEL : 07662 - 229 212 - 217 &amp; FAX : 07662 - 229 218 Email : gv.bhat@jalindia.co.in</b>				We authorise Bureau to use this information for dissemination	
Contact person who could be contacted for more information: <b>SHRI G. V. BHAT, PRESIDENT (Tech.)</b>				Signature :	
				Date : <b>07.10.2008</b>	

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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 <b>ELECTRICAL ENERGY CONSERVATION MEASURE</b>	Sector ... <b>CEMENT</b> .....			
Year to be filled by BEE		Technology : <b>Energy Optimization</b>			
Description of the energy conservation measure: <b>CM-4 hopper top BF Fan (511 FN8) pulley replaced to reduce BF fan speed, to avoid damper losses</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<u><b>NOT APPLICABLE</b></u>			<u><b>NOT APPLICABLE</b></u>		
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 00.00 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 1.59 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>10.3</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>4.2</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
Company complete address: <b>JAYPEE REWA PLANT JAYPEE NAGAR, DIST. - REWA (M . P.), PIN – 486450 TEL : 07662 - 229 212 - 217 &amp; FAX : 07662 - 229 218 Email : gv.bhat@jalindia.co.in</b>				We authorise Bureau to use this information for dissemination	
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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 <b>ELECTRICAL ENERGY CONSERVATION MEASURE</b>	Sector ... <b>CEMENT</b> .....			
Year to be filled by BEE		Technology : <b>Energy Optimization</b>			
Description of the energy conservation measure: <b>CM-3 Reject BE BF Fan (553 FN7) pulley replaced to reduce BF fan speed, to avoid damper losses</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<u><b>NOT APPLICABLE</b></u>			<u><b>NOT APPLICABLE</b></u>		
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 00.00 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 2.61 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>18.0</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>8.00</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
Company complete address: <b>JAYPEE REWA PLANT JAYPEE NAGAR, DIST. - REWA (M . P.), PIN – 486450 TEL : 07662 - 229 212 - 217 &amp; FAX : 07662 - 229 218 Email : gv.bhat@jalindia.co.in</b>				We authorise Bureau to use this information for dissemination	
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### Energy Conservation Measure implemented in 2007-2008

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Year to be filled by BEE		Technology : <b>Energy Optimization</b>			
Description of the energy conservation measure: <b>CM-4 Sepol BF Fan (554FN6) pulley replaced to reduce BF fan speed, to avoid damper losses</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<u><b>NOT APPLICABLE</b></u>			<u><b>NOT APPLICABLE</b></u>		
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 00.00 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 2.09 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>36.0</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>28.0</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
Company complete address: <b>JAYPEE REWA PLANT JAYPEE NAGAR, DIST. - REWA (M . P.), PIN – 486450 TEL : 07662 - 229 212 - 217 &amp; FAX : 07662 - 229 218 Email : gv.bhat@jalindia.co.in</b>				We authorise Bureau to use this information for dissemination	
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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 <b>ELECTRICAL ENERGY CONSERVATION MEASURE</b>	Sector ... <b>CEMENT</b> .....			
Year to be filled by BEE		Technology : <b>Energy Optimization</b>			
Description of the energy conservation measure: <b>Cement Silo-1 top BF (591BF-1) Fan pulley replaced to reduce BF fan speed, to avoid damper losses</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<u><b>NOT APPLICABLE</b></u>			<u><b>NOT APPLICABLE</b></u>		
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 00.00 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 1.84 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>20.0</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>12.9</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
Company complete address: <b>JAYPEE REWA PLANT JAYPEE NAGAR, DIST. - REWA (M . P.), PIN – 486450 TEL : 07662 - 229 212 - 217 &amp; FAX : 07662 - 229 218 Email : gv.bhat@jalindia.co.in</b>				We authorise Bureau to use this information for dissemination	
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### Energy Conservation Measure implemented in 2007-2008

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Year to be filled by BEE		Technology : <b>Energy Optimization</b>			
Description of the energy conservation measure: <b>CM-4 WF BF (534BF1) Fan pulley replaced to reduce BF fan speed, to avoid damper losses</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<u><b>NOT APPLICABLE</b></u>			<u><b>NOT APPLICABLE</b></u>		
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 00.00 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 3.91 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>22.0</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>7.0</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
Company complete address: <b>JAYPEE REWA PLANT JAYPEE NAGAR, DIST. - REWA (M . P.), PIN – 486450 TEL : 07662 - 229 212 - 217 &amp; FAX : 07662 - 229 218 Email : gv.bhat@jalindia.co.in</b>				We authorise Bureau to use this information for dissemination	
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### Energy Conservation Measure implemented in 2007-2008


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Year to be filled by BEE		Technology : <b>Energy Optimization</b>			
Description of the energy conservation measure: <b>Cement Silo-2 top BF (592BF-1) Fan stopped, as ventilation of silo was now made with only one BF (592BF-1)</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<u><b>NOT APPLICABLE</b></u>			<u><b>NOT APPLICABLE</b></u>		
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 00.00 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 6.78 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>26.0</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>0.00</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
Company complete address: <b>JAYPEE REWA PLANT JAYPEE NAGAR, DIST. - REWA (M . P.), PIN – 486450 TEL : 07662 - 229 212 - 217 &amp; FAX : 07662 - 229 218 Email : gv.bhat@jalindia.co.in</b>				We authorise Bureau to use this information for dissemination	
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ID to be filled by BEE	Title of the measure <b>ELECTRICAL ENERGY CONSERVATION MEASURE</b>	Sector ... <b>CEMENT</b> .....			
Year to be filled by BEE		Technology : <b>Latest Technology</b>			
Description of the energy conservation measure: <b>JRP : U-1 : V/F drive installed in 03 nos. cooler fans (471FN9, 471FNE &amp; 471FNF)</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<b><u>NOT APPLICABLE</u></b>					
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 14.73 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 1.93 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>322</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>226</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
Company complete address: <b>JAYPEE REWA PLANT JAYPEE NAGAR, DIST. - REWA (M . P.), PIN – 486450 TEL : 07662 - 229 212 - 217 &amp; FAX : 07662 - 229 218 Email : gv.bhat@jalindia.co.in</b>				We authorise Bureau to use this information for dissemination	
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### Energy Conservation Measure implemented in 2007-2008


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Year to be filled by BEE		Technology : <b>Energy Optimization</b>			
Description of the energy conservation measure: <b>JRP : U-1 : GCT bottom screw conveyor (No. - 46) was replaced with old Enmass Conveyor (spared from U-1 cooler ESP bottom)</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<b><u>NOT APPLICABLE</u></b>					
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 00.00 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 0.12 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>8.4</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>2.4</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
Company complete address: <b>JAYPEE REWA PLANT JAYPEE NAGAR, DIST. - REWA (M . P.), PIN – 486450 TEL : 07662 - 229 212 - 217 &amp; FAX : 07662 - 229 218 Email : gv.bhat@jalindia.co.in</b>				We authorise Bureau to use this information for dissemination  Signature :  Date : <b>07.10.2008</b>	
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Year to be filled by BEE		<b>Technology : Renewable Energy Technology</b>			
Description of the energy conservation measure: <b>JRP : U-2 : New Single DC drive for Kiln installed in-place of twin DC drive</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<u><b>NOT APPLICABLE</b></u>					
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 31.00 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 3.99 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>339</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>319</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
Company complete address: <b>JAYPEE REWA PLANT JAYPEE NAGAR, DIST. - REWA (M . P.), PIN – 486450 TEL : 07662 - 229 212 - 217 &amp; FAX : 07662 - 229 218 Email : gv.bhat@jalindia.co.in</b>				We authorise Bureau to use this information for dissemination	
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ID to be filled by BEE	Title of the measure <b>ELECTRICAL ENERGY CONSERVATION MEASURE</b>	Sector ... <b>CEMENT</b> .....			
Year to be filled by BEE		Technology : <b>Latest Technology</b>			
Description of the energy conservation measure: <b>JRP : U-2 : DC drive installed in CID Fan in-place of GRR &amp; AC motor</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<b><u>NOT APPLICABLE</u></b>					
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 00.00 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 39.90 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>276</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>76</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
Company complete address: <b>JAYPEE REWA PLANT JAYPEE NAGAR, DIST. - REWA (M . P.), PIN – 486450 TEL : 07662 - 229 212 - 217 &amp; FAX : 07662 - 229 218 Email : gv.bhat@jalindia.co.in</b>				We authorise Bureau to use this information for dissemination	
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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	Sector ... <b>CEMENT</b> .....			
Year to be filled by BEE	<b>ELECTRICAL ENERGY CONSERVATION MEASURE</b>	Technology <b>Trend Setter Technology</b>			
Description of the energy conservation measure: <b>Cement Mill # 2 ESP converted to Bag House and ESP Fan replaced with new high efficiency Bag House Fan along with V/F</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): <b>Clair Engineers Pvt. Ltd., 207, Amrutha Ville, Rajbhavan Road, Hyderabad – 500 082, India Tel : 040 – 23313131, Fax : 040 – 23316150, Email : clair@clair.in</b>					
Total investment, <b>Rs. 42.04 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 1.10 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before (Only for Bag House Fan)	<b>31.0</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after (Only for Bag House Fan)	<b>26.0</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
Company complete address: <b>JAYPEE REWA PLANT JAYPEE NAGAR, DIST. - REWA (M . P.), PIN – 486450 TEL : 07662 - 229 212 - 217 &amp; FAX : 07662 - 229 218 Email : gv.bhat@jalindia.co.in</b>				We authorise Bureau to use this information for dissemination	
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### Energy Conservation Measure implemented in 2007-2008



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Year to be filled by BEE		<b>Technology : Renewable Energy Technology</b>			
Description of the energy conservation measure: <b>Cement Mill # 4, New water spray system of M/s Spraying Systems (I) Pvt. Ltd. with V/F installed for controlling mill outlet temperature</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
<b><u>NOT APPLICABLE</u></b>					
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 7.31 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 0.66 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>6.0</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>3.0</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
Company complete address: <b>JAYPEE REWA PLANT JAYPEE NAGAR, DIST. - REWA (M . P.), PIN – 486450 TEL : 07662 - 229 212 - 217 &amp; FAX : 07662 - 229 218 Email : gv.bhat@jalindia.co.in</b>				We authorise Bureau to use this information for dissemination	
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Year to be filled by BEE		Technology : <b>Trend Setter Technology</b>			
Description of the energy conservation measure: <b>Flyash dryer ESP modified to Precip-Filter i.e. ESP + Bag Filter by M/s Baltec. (ESP last field i.e. 3rd field converted to Bag Filter)</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): <b>IN-HOUSE</b>					
Total investment, <b>Rs. 22.07 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 1.88 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / Hr.	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>511</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>481</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
Company complete address: <b>JAYPEE REWA PLANT JAYPEE NAGAR, DIST. - REWA (M . P.), PIN – 486450 TEL : 07662 - 229 212 - 217 &amp; FAX : 07662 - 229 218 Email : gv.bhat@jalindia.co.in</b>				We authorise Bureau to use this information for dissemination	
Contact person who could be contacted for more information: <b>SHRI G. V. BHAT, PRESIDENT (Tech.)</b>				Signature :	
				Date : <b>07.10.2008</b>	

**Note: Please submit this sheet separately for each Energy Conservation Measure implemented in 2007-2008 and a CD containing the above information may be please be enclosed.**

## 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>ELECTRICAL ENERGY CONSERVATION MEASURE</b>	Sector ... <b>CEMENT</b> .....			
Year to be filled by BEE		<b>Technology : Latest Technology</b>			
Description of the energy conservation measure: <b>JRP : U-2 : Coal Mill Classifier replaced with new LV classifier &amp; Hot air cyclone dip tube replaced &amp; mill O/L to Cyclone I/L duct replaced</b>					
Picture/ sketch/ drawing before modification (if available)			Picture/ sketch/ drawing after modification		
					
Agency that executed the project (with complete address and email): <b>LNV Technology Private Limited, 1-E, Alsa Regency (I Floor), 165, Eldams Road, Chennai - 18. Phone - +91 44 431 4259 / 69 / 79, E-mail - Invt@vsnl.net</b>					
Total investment, <b>Rs. 40.00 Lakhs</b>			Year of implementation: <b>2007-2008</b>		
First year energy cost savings, <b>Rs. 4.01 Lakhs</b>					
First year other savings, Rs.: <b>Not Applicable</b>					
On annual basis	kWh / MT-coal	Coal (Kcal/ kg-clk.)	Gas Nm <sup>3</sup>	Oil (kL)	Other
Energy consumption before	<b>36.1</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy consumption after	<b>35.5</b>	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Energy tariff, Rs/ kWh/ Ton/ Nm <sup>3</sup> / kL	<b>3.26</b>	<b>2207.82</b>	Not Applicable	Not Applicable	Not Applicable
Company complete address: <b>JAYPEE REWA PLANT JAYPEE NAGAR, DIST. - REWA (M . P.), PIN – 486450 TEL : 07662 - 229 212 - 217 &amp; FAX : 07662 - 229 218 Email : gv.bhat@jalindia.co.in</b>				We authorise Bureau to use this information for dissemination	
Contact person who could be contacted for more information: <b>SHRI G. V. BHAT, PRESIDENT (Tech.)</b>				Signature :	
				Date : <b>07.10.2008</b>	

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