

<b>Second Prize</b>	<b>Dalmia Cement Bharat Ltd., Ariyalur (Tamil Nadu)</b>	<b>Sector: Cement</b>
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**Unit Profile:**

Dalmia Cement (Bharat) Limited, Ariyalur unit is a part of Dalmia Bharat Enterprises, a diversified group with a chronicle of 7 decades. This Greenfield project of DCBL Ariyalur was commissioned in Feb 2010. It is having a single kiln with a five stage preheater and inline calciner, with a capacity of 2.0 MTPA clinker and 3.0 MTPA Cement. It manufactures ordinary Portland cement as well as Portland Pozzolana Cement. Power is drawn from the Captive power plant with grid backup and excess power is exported to grid. Grinding is done through Vertical roller mills. The focus of the plant is Safety, Environment and Energy conservation. Integrated Management System Certification obtained for ISO 9001, 14001 and OHSAS 18001 from DNV within a record period of 6 months.



**Brief Description of the major Energy Conservation Actions:**

1. Specific Energy reduction in Pyro Processing
2. Reduction of diesel consumption in CVRM
3. Reduction of Coal and Diesel Consumption in RVRM
4. In-house modification of CVRM and Installation of VFD for compressor
5. In-house modification of RVRM

<b>Total Investment</b>	<b>₹ 55.0 Lakh</b>
<b>First Year Energy Cost Saving</b>	<b>₹ 673.23 Lakh</b>

**Person who should be contacted for more Information:**

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