Our Services:

- **Assess true waste heat available**: Review plant operation and assess the waste heat by validation from process simulations.
- **Establish effect of moisture in raw materials and coal**: Evaluate the cyclic pattern of moisture each month of the year and assess how it affects WHR.
- **Optimum size of the WHR system**: Based on the above steps determine the optimum size and configuration of the WHR system.
- **Design optimum integration with the cement plant**: Develop concepts and the most cost effective layout and tie-in with minimum interruption of operations.
- **Bid Documents**: Develop the Bid Documents for the supply and installation of the WHR system, evaluate the bids and recommend the most beneficial system.
- **Economic analysis**: Offer a CapEx, OpEx and an Economic analysis to establish the viability of the WHR project.
- **Implementation assistance**: Plan and implement the project in the most effective way.

Benefits:

- Lower carbon footprint and generation of “green” energy
- Lower dependence on grid power from the utility company
- Optimum integration with any existing power plant

Our cement process expertise provides a realistic assessment of the power potential and optimal configuration of a WHR system.