

Dear Sir,

Greetings from Energycon Group (Since 2002).

We are an Energycon Group, formed in the year 2002. The founder member of Energycon Group is Chetan Rajguru and has more than 25 years of experience in Energy, Water, Process And electrical Safety Management. We have served more than 250 Clients all over India and outside India in 5 countries. We also have conducted more than 300 assignments.

Our Prime focus areas of Services are as follows.

The systematic way to identify areas for improvement by conducting following Services,

1. Energy Audit Study,
2. Water Audit Study,
3. Chemical Manufacturing Process Audit Study,
4. Process Time Cycle Management for Batch Process,
5. Electrical Safety Audit Study,
6. Remote Performance Monitoring and Management,
7. Supply of Biomass Briquettes,
8. Project Detailed Engineering,
9. Implementation of Projects either on Project Management or Turnkey Basis, etc.

We have executed the following projects either on turkey OR on Project Management basis.

1. **Boiler Oxygen trimming System for Solid fuel fired boilers:** We can provide a system which can control flue gasses to achieve CO₂ level to 12 to 13 %.
2. **Refrigeration System Optimization:** We will bring down the refrigeration plant compressor SPC to round 0.70 kWh/TRh in case of reciprocating compressor system,
3. **CHW and Brine Closed Loop System:** After Converting to Closed Loop pumping system by bypassing HW/CW system can achieve **closed loop pump specific power consumption of 0.065 to 0.70 kW/TR** (i.e. Rated Capacity of Refrigeration plant)..
4. **Refrigeration Plant Cooling Water Pumping System Optimization:** After CW system Optimization, we can achieve 0.090 kW/TR (i.e. Rated Capacity of Refrigeration plant).
5. **Compressed air System Optimization:** After Proper compressed air system Management, we can achieve 18. To 18.5 kWh/100cfm of compressor SPC.
6. **Steam Trap Annual Maintenance:** During AMC of Steam Trap, we can achieve zero Breakdown of steam Trap.
7. **Compressed Air Leakage Detection:** With Proper Compressed Air Proper Management, we can minimized the compressor air leakages,
8. **Thermography of Electrical System:** This will help to avoid electrical breakdown in improve electrical system,
9. **CW, CHW and Brine Distribution System Optimization:** We can bring down the distribution pressure drop to the best economical possible pressure drop.

10. **Cooling Tower Optimization:** By proper cooling tower management, we can achieve rated CT Approach,
11. **Condensate Recovery System:** We can increase the condensate recovery to 75% to 80%.
12. **Solar PV Power Plant Supply and Installations:** We can design, supply, solar PV Power plant with any capacity,
13. **Heat Pump Supply and Installation:** We will work out suitable application for installation of heat pump which will bring down overall energy cost reduction to around 40%,
14. **Cloud Based Remote Monitoring and Controlling System:** We provide cloud based remote monitoring and controlling of Utility and Process operations and monitor performance of the system. We also provide services to client, i.e. monitoring of performances and evaluation of Utility and Process operation, its deviation to set preventive maintenance schedule in first year and Predictive Maintenance schedule in next year, etc..

To discuss the further on the above subjects, please call us on 9653469994 / 7738383573 or share enquiry on jyotienergyconproject@gmail.com.

If you are not connected with the subject, then please forward this mail to the concerned person.