



ENERGY SOLUTIONS & ENERGY AUDIT

TCR ADVANCED ENGINEERING –ENERGY DIVISION



250-252/9 GIDC, Makarpura,
Vaddodara-390010

Ph: +91 7574805594-96,
+91 265 2657233

Email: tcradvanced@tcradvanced.com

Website: www.tcradvanced.com

ENERGY SOLUTIONS & ENERGY AUDIT

TCR Advanced Offers range of energy solutions services for achieving efficient use of energy to any industry.

PRELIMINARY AUDIT: Assessment of your equipment, sections or total plant performance and knowledge for benchmarking.

DETAILED AUDIT: After assessment of performance evaluation of the equipment, next step for improvement, reduction of losses and achieving energy efficiency for overall cost reduction. The detailed energy audit is comprehensive energy audit with assessment of performance of your equipment, losses and implementable recommendations with cost benefit analysis.

TARGETED ENERGY AUDIT: Our audit team is well experienced and having proven track record for offering you the best services through targeted energy audit to achieve you most efficient use of energy with cost benefit analysis.

Renewable Energy Advisory:

Our expert team will study your existing power consumption and supply system, assess cost components and work out best solution for substitution of power source for achieving most competitive power source for the plants.

Training: Training plant personnel is a powerful tool for achieving most cost effective energy conservation. Our expert team will impart effective training and will also monitor its impact on energy efficiency of your plants.

Our specialty for value added services

- Exclusive customer focused audit.
- Energy Audit through certified energy auditor.
- Well experienced, rich on hand experience and proven track record with dedication for customer satisfaction and strived to get targeted results within given time frame.
- Quality Energy Audit and most appropriate recommendations for cost effective energy solutions.
- Lead auditor have on hand experience + 35 years in thermal power plants, Utilities, steam & Power, WHBs, TPH auxiliaries, alternate/renewable power supply

ENERGY IS ONE OF THE MAJOR COST COMPONENT AND IS IN OUR HANDS TO CONTROL ITS COST BY :

Energy Audit & Performance assessment

Audit Recommendations :

Low cost – High return

Medium cost-Medium return

High cost - High return.

Implementation :

It is easier to implement low cost high return recommendations first, once saving is started realizing,

plan next step of medium cost-medium return and there after high cost high return.

Range of Energy Audit services

Thermal

Furnaces, Ovens
Steam Generators
Steam Systems network
Compresses Air System
Cooling Towers & Pumps
A.C. & Refrigeration, AHU
Fans, Blowers & Pumps

Electrical

Transformers
Motors
DG Sets
Power Quality solutions
Electrical Heaters
Lighting system
Variable speed drives