



The team associated with Energy Solutions is a venture by experts in Energy Management & Green Projects. **Energy Solutions (ES) is dedicated to providing Energy Management Services to Optimize Energy Generation and Consumption for Industries and Commercial Buildings.**

Our Energy Efficiency activities include:

- Energy Audits of thermal systems, electrical systems, and process optimization
- Implementation of Energy Efficiency Projects
- Monitoring the performance for sustainability of optimization
- Training and Implementation of ISO 50001 for Energy Management System
- Feasibility studies & Detailed Project Reports (DPR) for bio gas-based / steam-based cogeneration systems

ENERGY SOLUTIONS has a team of experienced professionals in Energy Management Projects. (Beuro of Energy Efficiency Delhi qualified.)

DETAILS OF ACTIVITIES & REFERENCES

1. Comprehensive Energy Audits for Electrical and Thermal Systems.
2. Process audits for productivity enhancement.
3. Energy Efficiency Projects Implementation.
4. Energy Efficiency Performance monitoring.
5. Energy Management Training Programs.
6. Water System Audits.
7. Green Building Consultancy
8. Energy Management System ISO 50001 implementation.
9. Feasibility & DPR of small steam-based captive power projects.

INSTRUMENTS AVAILABLE FOR ENERGY AUDIT:

The instruments used for an energy audit, to collect the performance data are:

- Ultrasonic portable clamp-on flow meter for liquid flow measurements
- Temperature indicators (surface temperature indicator contact type).
- Infrared temperature indicator.
- Power analyzer (data logger)
- Anemometer (vane type) to measure air and flue gas velocity
- Relative humidity meter
- Lux meter (for light intensity)
- pH & conductivity meter
- Tachometer for rpm measurements.
- Ultrasonic trap leak detector & air leak detector.
- Digital thermograph.

Quantact Consulting

"Flat 101 Anusuya Apartments" 1206 B/12, Shivajinagar, Opposite Sambhaji Park,
Shivsagar Hotel Lane, Pune – 411004, India

E. mail: mak@quantactconsulting.com , madhavper@gmail.com

Mr. Madhav Kshirsagar Mobile: +919822037497



OUR SATISFIED CUSTOMERS:

A partial list of customers from various sections of industries for whom the above services have been provided by our team:

1. Hotels:

- Taj Mahal Palace & Tower, Mumbai.
- Taj Blue Diamond, Pune.
- Tara & Sitara Hotel (Ramoji Film City), Hyderabad.
- Anand Regency, Rajmundri.
- Taj Coromandal, Chennai.
- Taj Lake Palace, Udaipur.
- Taj Exotica, Goa.
- Taj West End, Bangalore.
- Taj Fishermans Cove, Chennai.

2. Pharmaceutical Industry:

- Briocia Pharma, Jejuri, Pune.
- Ranbaxy, Tonsa
- NBZ Pharma, Bombay
- Killitch Drugs, Bombay.

3. Hospitals

- Inlaks & Budharani Hospital, Pune.

4. Steel

- Ispat/Jindal Industries Ltd., Dolvi, Alibag, Dist. Raigad.
- Lloyds Steel Industries Ltd., Wardha.
- Kremikovetzi) Ispat Unit), Bulgaria.
- Tata Sponge Iron, Orissa.

5. Food

- Hindustan Coca Cola, Pirangut, Pune
- Strategy Foods International Co.L.L.C., Dubai
- Al Sallan Food Industries Co. SAOG, Oman
- Pure Ice cream Co.L.L.C., Sharjah, U.A.E.
- Coca-Cola, Kathmandu, Nepal.

6. Automobile Industry

- Hindustan Mahindra & Mahindra, Kandivali & Nagpur
- Bajaj Auto, Waluj
- M&M, Rudrapur
- Pure M&M. Chaka

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7. Engineering Auto ancillaries, Sugar & other miscellaneous industries:

- Badave Autocamp Ltd., Chakan.
- Garware Elastomer, Wai
- International Marble Co., Oman
- Roto packing Materials Industry Co.L.L.C., Dubai.
- Mawana Sugars, Mawana, U.P.
- Ugar Sugar, Ugar, Karnataka.

8. Textile

- Modern Terry towels, Ahmedabad
- Bombay Dyeing, Mumbai

9. Chemical / Petrochemical / Refineries

- Reliance, Hazira
- IOCL Digboi , Assam
- Gharda chemical , Dombivli
- IOCL (Indian Oil Corporation Ltd.) Baroni
- IOCL Gauhati
- IOCL Baroda
- IOCL Digboi (Assam)
- MRPL (Manglore Refineries and Petrochemical)
- HPCL (Hindustan Petroleum Co.Ltd.) Mumbai
- BPCL (Bharat Petroleum Co.Ltd.)

10. Foundry:

- Menon Pistons Ltd, Kolhapur
- Menon Piston Rings Ltd, Kolhapur
- Yash Metallica, Kolhapur

11. Power Plant Sector: -

Pasirgudang Thermal Power Station Malasia (2 x 110 MW)

Wankbori Thermal power plant (2 x 210 MW)

Panipat Thermal power station (2 x 110 MW)

Following industrial cogeneration plants were studied for performance evaluation:

1. Hindustan Paper Corporation, Nagaon (Assam)
2. GHCL (Gujarat Heavy Chemicals Ltd.) , Veraval
3. Lloyd Steel , Wardha ...2 x 40 MW captive power plant

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12. OUR INTERNATIONAL CUSTOMERS

- Al Sallan Foods SAOG – Oman
- International Marble Co. , Oman
- Strategic Foods International Co.– Dubai (Britannia group)
- Bidco Oil Refineries (Kenya)
- Ispat / Kremikovezi (Bulgaria)
- Pure Ice cream (Sharjah)
- Taj Pamodzi (Zambia)
- GASCO, Abu Dhabi
- Bahrain Natural Gas Co. , Bahrain.
- Falcon Cement , Bahrain
- Rotopacking Material Industrial Co., Dubai

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