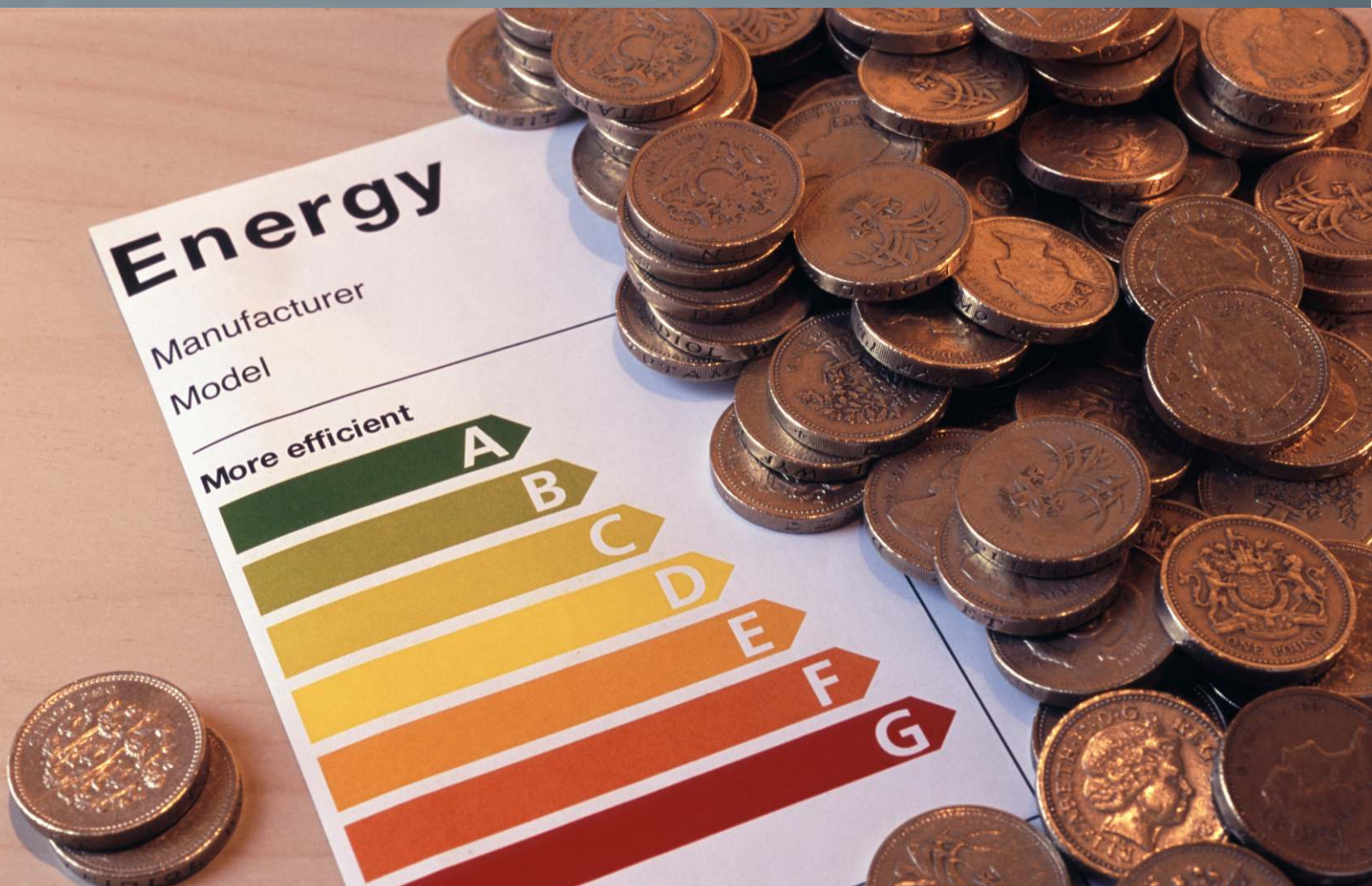


**"Energy consulting.....  
Since we are concerned with your cost"**



**STRATEGIC  
ENERGY MANAGEMENT**







## About Yolax Infranergy(YIPL)

**Laxyo Energy Limited** (INR. 200 Crores Company) is an ISO 9001:2008 and ISO 18001:2007 Certified Company. The company is professionally managed with involvement of highly qualified and experienced professionals in various field of operations. Laxyo energy limited an engineering contracting company and today, it specializes into Railway construction, Minor Bridges, Mining, Operation & Maintenance services for thermal power plants in Chemical, Steel, News print & Paper, Cement Plants, Textile Industries.

Over the four decades of experience into various energy and other related operation & maintenance services prompted us to venture into total Energy related consulting solutions separately.

Yolax Infranergy Pvt. Ltd, an Energy solutions vertical to provide services in the field of cost reduction in industry through energy efficiency Improvement, consulting for use of renewable energy, process improvement in industry, Energy Audits, Maintenance Audits, and Environmental Consulting. A highly qualified team of experts in this area are associated with Yolax Infranergy Pvt. Ltd.

## Infrastructure

- Power Analyzer with data logging and harmonics measurement
- Flue Gas Analyzer
- Ultrasonic Liquid Flow Meter
- Air Leak Detector
- Digital Tachometer
- Lux Meter
- Digital Temperature meter
- Infra-Red Temperature Meter
- Hardness Tester, Anemometer (2 No's)
- TDS Meter
- Sling Psycho meter,
- Digital ampere meter (1000A)
- Digital millimeter
- Thermal Imager
- Pressure gauge,
- Pitot tube
- Manometer
- Laser Tape.

## Our Portfolio

We provide technically feasible and commercially viable Solutions to our valuable customers for achievement of most economical energy cost and green energy management initiatives.

- Reduction of Energy cost for industries and commercial buildings
- Review and follow up of energy audits recommendations
- Reducing power cost (Open access consulting)
- Energy monitoring and Sustaining Energy saving efforts (ISO 50001:2011)
- Water consumption monitoring and reduction
- Power Quality Audit
- Roof-top Solar Power System Design and consultation
- Green Building ratings & Building Simulation
- Keeping high health of machinery and equipments (Maintenance audits and Thermography)
- Training and skill development Programme on energy and environments
- Reduction of power generation cost in captive power plants
- Safety system audits
- Environmental Audits & Environmental clearance for new green field projects
- Boiler inspection as per IBR Act
- Advisory services on PAT compliance for designated consumers (As per under sec. 14 of the Energy Conservation Act 2011)

### Reduction of Energy cost for industries and commercial buildings

In competitive market, reduction of cost makes better chances to sustain.

Through Energy Audit following benefits can be derived,

- Cost reduction
- Performance assessment of utility equipments.
- Improvement in Maintenance Systems
- Capital Cost Reduction in Utility Equipment's at project and expansion stage.

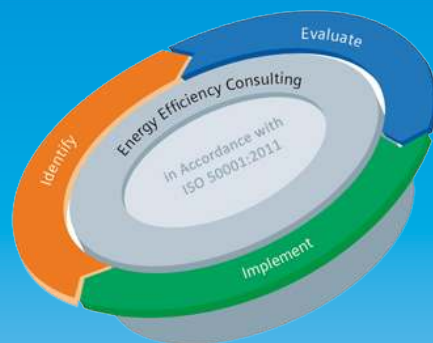
### Reducing power cost (Open access consulting)

Support organizations to arrive at an optimal energy mix, considering the relevant policies and technology maturity of alternative energy resources.

### Energy Saving Performance Contracts (ESPC)

We do undertake implementation of energy saving projects for our clients with various options of financing of these projects. Our associates are empanelled Energy Service Company (ESCO) by BEE for providing ESPC services which include investment grade energy audits, identification and execution of projects. The projects can be financed by facility owner or ESCO or third party.

*We also provide technical support to our valuable client for implementation of recommended energy conservation measures and post implementation services for monitoring and verification. This is provided so as to insure our valued customers.*





(Fig : Usable Energy)

## Health, Safety and Environment Consulting

We provide services for **BS:OHSAS:18001:2007, ISO:14001:2004 and ISO:9001:2008** i.e. Occupational Health & Safety, Environmental and Quality Management System certifications respectively and co-ordination for preparation for third party Audits. We also provide Audit Services for above said Standards. We provide training through our experienced faculties in various areas including;

Work Permit System, 5S, Work at height, LOTO, Electrical Safety, Contractor Safety, Accident Prevention & Analysis, Emergency Response Plan, Mock Drill, Evacuation Drill, Internal Auditor training for OHSAS & ISO Standards, HIRA, Aspect Impact, Hand Safety, Driving Safety, Ergonomics, Fire Extinguishers, Fire Safety in Buildings, Fire Fighting systems and Installations training, Legal requirements, Gas Cylinders rules, Pressure Vessel rules & Chemical Safety.

## Energy monitoring and Sustaining Energy saving efforts (ISO 50001:2011)

Achieving world-class energy performance requires companies to gain a granular visibility where one can save and closely monitor the impact of energy efficiency initiatives being implemented.

YIPL enables you to maximize the investments you make in energy efficiency and security through an integrated approach across the energy management life cycle. By giving you consulting for implementation and certification of ISO 50001:2011.

## Mandatory Energy Audits and Advisory services on PAT compliance for designated customers (DC)

In accordance to the Ministry of Power Notification dated May 27, 2014 is to be conducted by designated consumer within 18 months of the notification or from the date of becoming Designated Consumer (DC).

For every DC, PAT norms are a statutory requirement. The compliance also includes submission of prescribed reports to BEE and SDA.

We have a list of accredited auditors who are competent to provide advisory and audit services.



*In short we (Yolax Infranergy) shall help improve your energy performance and reduce cost & support related compliance services for you while you keep doing your core business, once you outsource it to us.*

## Our Team

We have a team of engineers (including six certified energy auditors) who are well qualified, experienced and experts having proven track record so that assured and quality services are available to our customers.

### 1. Dr. Dharam Buddhi, (Chief Technical Advisor)

Professor D Buddhi, Pro vice chancellor of Suresh Gyan Vihar University, Jaipur and international expert of ADB project of Sri Lanka on “Energy efficiency Improvement Program”.

Professor Buddhi, an alumnus of IIT Delhi (Ph D, 1989) and has 25 years of teaching and research experience in the field of Renewable and Energy Efficiency. Dr Buddhi has also worked in industry as Director (Technical), Chief Technical Advisor & Head R & D and also transferred the technology. During industry tenure he developed an indigenous Thermal Management Solution for Telecom Shelters and installed more the 30,000 sites worth Rs 5000. He was leader of Thermal Energy Group and developed vision, identified opportunities in R&D, and received grants from government & industry. He able to conduct 4<sup>th</sup> Experts Meeting, of Annex 17, ECES, International Energy Agency at Indore. He was also member of 'Program Advisory Committee', on Technology System Development, Department of Science and Technology, GOI.

Dr Buddhi had been Visiting Professor at number of universities on international level in various countries viz, Spain, Japan, Tainan, Taiwan and Auckland University New Zealand.

### 2. Mr. Rajesh Kumar Singadiya (BEE Certified Energy Auditor)

B.E. (Chemical), M. Tech (Energy Management),

10 years of experience in Applied Research (Energy Conservation), Energy Audit, Power quality Audit, Process Integration (Heat Exchanger Networking), Implementation of energy conservation measures in Industries & Commercial establishment, Energy management system (ISO 50001: 2011), System Designing HVAC, Utility & Solar Systems,

Total 50 Audits Conducted and eight research paper published in various international journals.

### 3. Mr. Rajeev Shukla (Associate & BEE Certified Energy Auditor)

B.E. (Chemical), M. Tech (Energy Management), MBA (Marketing)

22 years of experience in Energy Conservation, Energy (Thermal & Electrical) Audit, petrochemical & Allied industries,

Total 10 Audits conducted and fifty research paper published in various international journals.

### 4. Mr. Pradeep Yadav (Associate & BEE Certified Energy Auditor)

B.E. (Mechanical), M. Tech (Energy Management)

15 years of experience in Energy Conservation, Energy (Thermal & Electrical) Audit, Implementation & Monitoring of energy conservation measures in Industries & Commercial establishment,

Total 10 Audits conducted and eighteen research paper published in various international journals.

### 5. Mr. Kailash Kulwal (Electrical Engineer)

**(Diploma in Electrical Engineering)**, 47 years of experience in electrical power system maintenance and installation



## 6. Vaishali Agrawal

B.E in fire and safety technology, MBA in Safety Management, is Certified OHSAS Lead Auditor by BSI and has been awarded by American Society of safety engineers (ASEE for her work in safety and Environment). She has attended number of training programmes and conferences in almost all safety and environments related topics.

Vaishali Agrawal has been the faculty at IPS Academy, Indore in department of fire and Safety as Lecturer cum Assistant Consultant. She has conducted ISO: 14001 and OHSAS: 18001 for Cummins India Ltd. Pune, TCL Jamshedpur, and SEZ Pithampur and other industries.

*Further, we have domain and process experts in various fields of operations and industries like Paper, chemicals, petrochemicals, steel, cement, pharma and thermal power plants etc.*

### Our Clients



ADITYA BIRLA GROUP



Maral Overseas Limited

### Contact Us

#### Our Head Office

**Address :** 46/1, T.I.T. Road, Ratlam, M.P. - 457001 | **Phone :** +91 - 7412 - 232432, +91 - 7412 - 232432

#### Our Corporate Office

**Address :** County Park, Plot No. 2, MR-5, Mahalaxmi Nagar, INDORE, M.P. - 452010

**Phone :** +91 - 731 - 4043798, +91 - 731 - 4216321

#### RO (Chittorgarh)

**Address :** CF-5, Madhav Nagar, Chanderia, Dist - Chittorgarh, Rajasthan, 312021

**Phone :** +91 - 1474 - 256710

**"Let us be the part of low carbon society...."**