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**ALL INDIA**

**ENERGY EFFICIENCY CAPACITY BUILDING PROGRAMME**

**19 – 21 January 2006**

Venue: Fortune Hotel Calicut, Kozhikode



**Organised by**

<input type="checkbox"/> <b>IRG Systems South Asia Pvt. Ltd.</b> <b>New Delhi</b>	<input type="checkbox"/> <b>Energy Management Centre</b> <b>Thiruvananthapuram</b>
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**World Bank/IREDA's All India Energy Efficiency Capacity Building Programme**

**Introduction**

Energy is a major cost component for organizations across various sectors of economy. Organizations – Industries, Public Utilities, Commercial Buildings and establishments, which are large consumers of energy, can accrue substantial savings in energy bills by adopting Energy Efficient (EE) Technologies and systems in their plants, processes and facilities. Energy efficient technologies would (1) improve their commercial competitiveness, (2) help them to align with green supply chain norms of major international markets, (3) enable corporates & public institutions to discharge their responsibility towards resource conservation and environmental objectives.

IREDA (Indian Renewable Energy Development Agency) is operating a World Bank Line of Credit to finance projects in Energy Efficiency & Conservation sector, under the 'India: Second Renewable Energy Project'. Specialized Training Programmes/Workshops for Personnel at middle and top management level of major energy consumer organizations is one of the activity identified under the above Technical Assistance.

## **Training Programme Managed by IRGSSA**

IREDA has commissioned IRG Systems South Asia Pvt. Ltd. (IRGSSA) to conduct above training workshops on all India level for senior and middle management of major energy user organization, from several end use sectors. Different sectors targeted for this programme are (1) Industry sectors like Cement, Pulp & Paper, Chemicals, Steel, Pharmaceuticals, other large energy users etc. (2) Commercial Sectors – Hotels, Airports, Shopping Malls etc. (3) Public Utilities – Public Street Lighting and Public Water Pumping. This programme is being organized in association with Energy Management Centre, Thiruvananthapuram.

## **Objectives of Training Programme**

### **Attend this programme to:**

Get update on new technologies, services relevant to the sector. Learn about several cost saving opportunities, through energy efficiency in your industry, plant, facility. Know best practices, case studies in your sector through industry leaders. Learn about new funding mechanisms, financing structures and to develop bankable energy efficiency projects. Keep abreast with new equipments provided by Equipment manufacturers. Come up with new project ideas at the end of the workshops, for bankable projects specific to your process/facility for qualifying for funding from IREDA, other financial institutions that fund energy efficiency projects.

## **Who should Attend**

Senior, middle level engineers of organizations/industries/establishments that have energy as one of the key cost components and would like to manage it to gain competitive advantage should attend this training workshop.

### **Target Audience**

General Managers, Business Owners, Division Heads of Engineering/Facilities/ Process, Head of a section of faculty/ process/plant, Energy Managers etc.  
The number of participants will be limited to 30.

## **Training Programme Schedule, Venue**

Date : 19 – 21 January 2006

Timings: 09:30 AM to 5.00 PM.

Venue : Fortune Hotel Calicut, Kozhikode

## **Programme Content**

Training programme content includes technical modules, financial modules and interactive sessions as per following agenda.

### **Agenda**

Inaugural, Policy, Regulatory, Institutional, Industry initiatives, Energy Efficiency opportunities in Thermal and Mechanical systems in industry including Steam Generation & Utilization, waste Heat Recovery, Compressed Air, Pumping systems, HVAC & Industrial Refrigeration etc.

EE Opportunities in Electrical Systems, Controls & Instrumentation, DG sets, Captive Power Generation Systems, EE motors, Drives, Transformers, in Industry

EE implementation – Experience sharing vis-à-vis participants' specific facilities and interactive sessions.

Financing opportunities, Financial mechanisms by World Bank, IREDA, several FIs & case studies, CDM.

## **Programme Fee and Certification**

No participation fee (free of cost)

Nominations by Managing Director, Plant Head, and concerned Head only would be accepted. Participants who attend the training programme for full five days would be issued certificate. Programme is non-residential training programme and includes the training sessions, course material, lunch, and tea. No boarding, lodging,

travel, conveyance expenses would be provided or reimbursed to attend the programme. If required, participants would have to arrange boarding, lodging, travel and Conveyance, at their own cost.

**Last date of receiving nomination is 16<sup>th</sup> January 2006.** Organizations may nominate their suitable people for participation. IRGSSA/EMC reserves the right to select participants from the nominations received. For further information please contact:

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**About:**

***IRG Systems South Asia Pvt. Ltd. (IRGSSA)**, a subsidiary of the IRG, Washington DC, USA, provides technical assistance in environment, energy, natural resources, in the South Asian region. IRGSSA has executed several projects for a diverse set of clients such as multi lateral/bilateral agencies, private sector multi national companies, industry associations and NGOs. For details please log on to <http://www.irgindia.com>.*

***Energy Management Centre**, Thiruvananthapuram is the designated agency to enforce the Energy Conservation Act 2001, in the State of Kerala. The Centre has designed and organised a number of training programmes, workshops, seminars etc., as a part of its efforts to increase the skill and capability of energy professional, practicing engineers, architects, women volunteers, vehicle drivers and students. Besides the energy efficiency division, EMC is housing the first **UNIDO** regional Centre for Small Hydro Power. Also the Small Hydro Promotion Cell of the dept. of Power, Govt. of Kerala is functioning in EMC.*

*Nomination forms may be sent to **Energy Management Centre, Thycaud P.O, Thiruvananthapuram 695014.***

[Click here to download the application form:](#)