

Cogeneration Association of India

A very positive development for the promotion of energy efficiency/cogeneration was the formation of the Cogeneration Association of India, known as COGEN INDIA.

Cogen India provides a platform for bringing together all concerned, including cogenerators, power utilities, users of electricity, State/Central Government Ministries, departments and other bodies, suppliers of equipment/services, and academic & research institutions.

It also provides a link to international and national organizations, promoting cogeneration and relevant technologies.

The Association is committed to making sustained efforts aimed at removal of barriers and developing a supportive climate for cogeneration, through coordinated efforts of all stakeholders.

It provides information on expertise, capabilities, products, processes & services, through events and publications in the area of cogeneration.

Cogen India has organized National and Regional Awareness workshops for the promotion of Cogeneration/Captive Power Plants at Distilleries in India together with the All India Distillers' Association (AIDA), and for pulp and paper mills in India along with the Indian Agro & Recycled Paper Mill Association (IARPMA). Awareness workshops on Waste to Energy were also organized in association with UP-NEDA (in Uttar Pradesh) and GEDA (in Gujarat). Cogen India is also helping the food & fruit processing sector in India in this area.

Registration Form

Rush your registrations for participating in the Residential Training Program(s), latest by 30th November 2008 to:

Mrs. Anita Khatal
Cogeneration Association of India
C/o MSFCSF Ltd, Sakhar Sankul, Shivaji Nagar
Pune - 411005
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OR

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Registration fees:

Rs 5,000 for one participant and Rs 9,000 for two participants, including course material, lodging & boarding, and plant visit for 2 days

Enclosed please find Demand Draft #
dated Drawn on in favour
of "Cogeneration Association of India" payable at Pune for the
training program.

Participant's name & signature:
Designation:
Organization:
Address:
.....
Tel:
Fax:
Email:
Web:

Supervisor's name:
Signature:

** Participants will have to reach the venue and return from the venue on their own.*

Are there other colleagues/professionals that you would like to suggest we include in our invitation list? If so, please send us their contact details.

MNRE-Supported Residential In-Plant Training Program

Promotion of Captive/Cogeneration Power Plants in Distilleries

For Distilleries from Northern/
Western/Eastern Regions

18-19 December 2008

At the
Pilkhani Distillery (Sir Shadi Lal Enterprises Ltd), Pilkhani, Dist. Saharanpur (U.P.)

Organized by:
Cogeneration Association of India Pune
In Association with
All India Distillers' Association (AIDA)



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Energy

efficiency improvement and setting up of energy generation/cogeneration and captive power plants at industrial units, particularly Distilleries, from biogas & wastes generated from their own operations, biomass fuels or otherwise, have become important to reduce energy costs and achieve long-term sustainability. The awareness about waste-to-energy recovery, cogeneration and captive power plants in the Distillery sector based on biogas engines or usage of biogas for boilers for steam / power generation is considered poor, although few progressive units have commissioned these plants successfully over the last five years. It is necessary to improve awareness, help provide appropriate technology solutions, disseminate information on various aspects of these projects, as well as share experiences.

The Cogeneration Association of India (Cogen India) has been organizing awareness workshops and in-plant (residential) training programs at select industries, which already have working cogen/captive power plants. These programs are aimed at building capacity of plant engineers from target industry sector, for conceptualizing, designing, implementing, operating and maintaining such decentralized power plants.

Initially organization of these training programs began in the sugar sector. Given the success of these, Cogen India conducted awareness workshops for the paper/pulp, distillery and food processing sectors during 2006-08. Now it is proposed to conduct residential training programs in the distillery sector in 2008-09 for distilleries in the northern/western/eastern regions.

Why are training programs required?

- To introduce distillery technicians, managers and prospective waste-to-energy generators to the latest technical issues concerning technology selection, project development and plant operations
- To build internal capacity for conceiving, developing, implementing, maintaining & operating waste-to-energy/cogeneration power plants for prospective Distilleries, waste-to-energy producers/cogenerators
- To enable maintain smooth and trouble-free operation, reduce downtime/breakdown hours, cut down operation & maintenance costs, upgrade technical skills and ensure safety of operations for existing plants
- To increase awareness of various project development issues, latest technologies, financing norms, subsidies & emission trade benefits, etc. as well as facilitate exchange of experiences with other participants/faculty

Residential In Plant Training Program

on energy recovery/cogeneration at select “successful” distilleries will immensely help in introducing various technical issues concerning technology, project development and successful operation to

- a) distillery technicians (especially from those plants with new equipment, or those who wish to operate their equipment more efficiently), and
- b) for distillery engineers proposing waste-to-energy/ biogas / biomass based captive or cogeneration power plants.

Actual site visits to running waste-to-energy/biomass based cogeneration power plants at distilleries and classroom lectures on all facets of project development, technology, financing, etc. is expected to help the participants to increase their knowledge & capacity. All the earlier such programs and follow-up actions were highly appreciated by other sectors and the stakeholders.

We would like to announce residential inplant training program for distilleries in the northern/western/eastern regions, to be held at the Pilkhani Distillery in Uttar Pradesh. The participation in this program is limited to around 25-30 only.

Middle-management professionals/distillery technicians (existing cogenerators), and prospective cogenerators are invited to participate.

Classroom Sessions

- Project Development Issues,
- Design, Technology Selection, Implementation, Operation & Maintenance of Biogas Plants
- Storage / Handling / Conveying of Biogas
- H₂S Scrubbing Systems & Biogas fired Engines for power generation
- Biogas Firing In Conventional Boilers & related systems
- Electrical Distribution / Evacuation Equipment & Grid Related Issues
- Automation And Control
- Energy Conservation Opportunities
- Emission Reduction Trade Benefits
- Role of Financial Institutions & Industry Associations

Plant Visits

Sufficient time is devoted for visits to operating biogas-based power plant at the Pilkhani distillery to visualize the operation & control of major equipment including biogas engines, H₂S scrubbing system, electrical distribution system and plant automation control system as well as view performance data records, with direct discussions with operating personnel.