



Projects and Energy Solutions



EPC and O&M Solutions for Ethanol and Cogeneration Plants

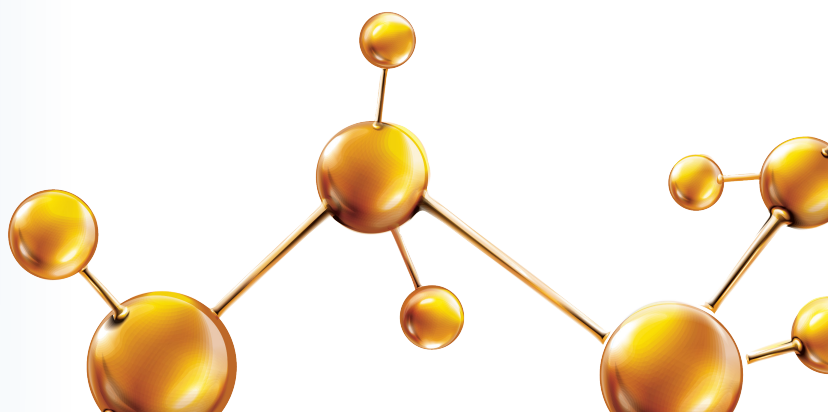
Conserving Resources, Preserving the Future.

Thermax is a USD ~1 Billion company offering solutions in the energy and environment space and a trusted partner in energy transition. Spanning over 90+ countries, Thermax provides essential solutions to industries for clean air, clean energy, and clean water, along with performance engineered chemicals and digital solutions.

Thermax's operations are supported by ongoing research and development, and tie-ups with global technology majors. Today, Thermax has a sales and service network spread over Asia, the Middle East, Africa, Europe, and the Americas. It has a network of 45+ Indian and international subsidiaries, and 16 manufacturing facilities - 12 of which are in India and four overseas – Denmark, Poland, Germany and Indonesia.



Thermax, in strategic collaboration with VOGELBUSCH Biocommodities GmbH for ethanol technology, is offering an integrated, end-to-end solution including EPC for ethanol plant, cogeneration plant and O&M services. Thermax delivers the process plant, balance of plant, and cogeneration plant with fixed performance guarantees.



Why Thermax

Reliable EPC and O&M partner to the industry with **25+ years** experience and **175 + EPC** installations globally

Delivering critical energy solutions for the ethanol industry with **20+ installations!**

Extensive ethanol industry knowledge to tackle key execution challenges

Technology-driven EPC solutions with the latest design software for on-time performance, safe execution, and the lowest lifecycle cost



200+ global installations in ethanol and extra neutral alcohol (ENA), ranging from **100 KLPD to 1,000+ KLPD**

Technology with advanced fermentation for high yields, concentration and productivity

Customised solutions with low energy consumption and sustainability

Best product quality compliance with international standards and specifications for potable, pharmaceutical, chemical and fuel applications

Ethanol Plants: EPC Projects in Progress

- 1G Ethanol plant



Feed stock: Maize and rice



Capacity: 140 KLPD fuel grade ethanol



Location: Odisha



Scope : Complete EPC of grain storage, milling, water section and CO₂ plant



This image is for representation purposes only.

- 1G Ethanol plant



Feed stock: Maize and rice



Capacity: 150 KLPD fuel grade ethanol



Location: Haryana



Scope: Complete EPC of process and water section



This image is for representation purposes only.

Operations and Maintenance of Ethanol Plants by Thermax

Customer Name

Pingaksh Beverages Limited

Location

Kota, Rajasthan

Capacity

280 KLPD

Customer Name

Coastal BioTech Pvt. Ltd.

Location

Gajapati, Odisha

Capacity

198 KLPD

Customer Name

Maa Sheetla Ventures Ltd.

Location

Kichha, Uttarakhand

Capacity

200 KLPD

Customer Name

Carnival Industries Pvt. Ltd.

Location

Nagpur, Maharashtra

Capacity

230 KLPD

Customer Name

Bio Agro Energy Pvt. Ltd.

Location

Sonepur, Odisha

Capacity

200 KLPD

Customer Name

Vishwa Samudra

Location

Nellore, Andhra Pradesh

Capacity

200 KLPD



Conserving Resources,
Preserving the Future.



Air Pollution
Control



Boiler and
Heater



Build-Own
-Operate



Chemical



Cooling



Projects and
Energy
Solutions



Process
Heating



Renewable
Energy



Water and Waste
Solutions

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