

“RG-max” Biomass/ Wast to Energy/ Renewables



Power Plant EPC



REGEEN EXCEL EPC INDIA LTD. Pune India led by technocrats, boasts a collective team experience of over three decades in delivering innovative technological solutions. Specializing in Ethanol, Distillery, Biofuel, CBG, Biomass Cogeneration, Water & Waste Water/ ZLD systems, we are committed to providing energy-efficient and sustainable solutions.

With an in-house R&D division, we ensure product performance validation and industry innovation. Our workforce of over 300 engineers specializes in various fields, ensuring excellence in equipment design, engineering & manufacturing.

Our well-established ASME Certified (R, U, S) manufacturing facilities in Pune equipped with Inhouse fabrication for large equipment's (including exports), Modern Facilities with CNC Machining, drilling, bending, expanding, cutting, auto welding with Stage-wise inspection by TUV / TPI agencies.

About “RG-max” Technology:

At Regreen-Excel, we provide turnkey EPC solutions for captive power plants and waste-to-energy projects. As a single-point responsibility vendor, we specialize in integrating process plants with utilities, ensuring enhanced productivity and cost-efficiency for our clients.

With extensive experience in executing captive power plants across India, we leverage cutting-edge “RG-max” technology and design flexibility for combustion technology such as AFBC, CFBC, traveling grate, reciprocating grate systems to handle diverse biomass and fuel mixes. Our in-house expertise allows us to tailor solutions that optimizing fuel, steam, and power costs.

TYPES OF BIOMASS USED:

- Wood and Agricultural Products: Rice Husk, Bamboo Chips, Mustard Husk, bark, sawdust, crop stalks, and straw.
- Solid Waste: Municipal solid waste (MSW) and animal waste.
- Landfill Gas and Biogas: Gases produced from decomposing organic matter in landfills and through anaerobic digestion.
- Alcohol Spent Wash: Ethanol and biodiesel

Industry-Focused Solutions:

- Ethanol and Distillery
- Pharmaceuticals and Chemicals
- Dairy and Food Industry
- Paper and Pulp
- Textile and Dyeing Industry
- Petrochemicals and Refining

Our commitment is to deliver high-efficiency, cost-effective, and sustainable energy solutions that align with the evolving needs of modern industries. We would be delighted to explore opportunities where our expertise can support your business objectives.

“RG-max” Reference

Biomass Based Cogeneration Plants (As of 31st March 2026)

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PROJECTS

