CMI ENERGY

Complete HRSG Solutions

The Power to Change the World

CMI Energy, LLC
A USA company since 1840
A Powerful History

Two Centuries of Success

Part of a global enterprise with a 200-year history, CMI Energy knows the power industry as only an experienced business can.

Technological expertise and a strong foundation mean you can trust CMI to provide not only today’s power solutions but also tomorrow’s power innovations.

Experienced teams, extensive industry knowledge, and more than 700 units in operation worldwide make CMI Energy a preferred global supplier of complete HRSG solutions:

- HRSG technologies for the latest power industry trends and demands
- Flexible designs, custom-tailored to site and client requirements
- Skilled engineering for efficiency, reliability, maintainability, and flexibility
- Accurate, on-time deliveries and hassle-free project execution
- Superior customer service, from proposal to aftermarket support

Discover optimized heat recovery steam generators from CMI Energy!

A tour de force of operational efficiency, CMI’s HRSG created for the Bouchain Power Station in Northern France is one example of the advanced technological expertise that has made CMI Energy a preferred supplier in heat recovery steam generation worldwide.

Site: A project of GE and EDF, France
Turbine: GE 9HA.01
Plant Capacity: 605 MW
Fast Start: Full power in less than 30 min.
Steam Temperature: 1,085° F
Performance: Highest efficiency plant in operation worldwide (62.2%); the Guinness World Record holder
CMI HRSGs:
Efficient, Reliable, Flexible Performance for Today’s Power Demands

Customized, Proven Technologies
Natural or assisted circulation; Once-Through designs; single, dual, or triple pressures +/- reheat; auxiliaries (duct burners, CO and SCR sub-systems, etc.); horizontal or vertical gas flow; expertly engineered to any construction standards or codes: ASME, EN, PED, SAA, IBR...

Cost-Effective, Adaptable Components
Engineered for flexibility, including modular options to minimize field labor, meet demanding schedules, and tackle challenging logistical concerns: “BMC” (bundles with modular casing for easy transport and minimized fabrication costs); “M100” (modular design with optimal shop fabrication)...

Responsive, Maintainable Designs
High-temperature technologies (HP / RH temperatures to 1115F / 602C); fast-start features for handling increased ramp rates while maintaining overall unit life; CMI Boiler Stress Evaluator software option for enhanced maintainability and longevity...

Comprehensive Quality Management
ISO 9001 and ASME* certifications denote CMI Energy’s commitment to quality in-house, on-site, and throughout the supply chain:
- Complete Quality Management System conforming to ISO 9001 requirements
- Suppliers tracked in Electronic Approved Supplier List (EASL) and rigorously evaluated

*CMI’s ASME “S” stamp (No. 28) and “U” stamp (No.30) are two of the oldest continuously-held stamps in the industry.
Shaping the World of Power

- CMI Energy’s expertise is rooted in its enduring business developments both in America and in Europe.
- For 200 years, CMI know-how has generated performance, reliability, and advances in technology that have The Power to Change the World.

1817: Industrialist John Cockerill founds Belgian company now known as CMI Group
1824: CMI begins first production of boilers
1840: The American company, Presque Isle Foundry (PIF), now CMI Energy, LLC, is established in Erie, PA
1858: Erie City Iron Works (ECIW), formerly PIF and now CMI, provides a boiler for the world’s first oil well, Titusville, PA
1880: ECIW is named largest boiler manufacturer in USA
1966: ECIW becomes Zurn Energy
1966: CMI Energy wins first turnkey HRSG contract
1980: CMI wins contract for world’s first HRSG behind “E” class Gas Turbine (GT)
1987: Company’s first triple-pressure HRSG in the USA
1994: CMI’s first triple-pressure + reheat HRSG
1995: CMI’s first natural-circulation, vertical HRSG behind “F” class GT
2006: CMI’s first triple-wide horizontal HRSG
2007: CMI’s first HRSG behind 300 MW GT (GE 9FB)
2012: CMI’s first high-temperature HRSG behind 9HA.01 GT
2013: Construction begins on CMI’s first M100 module design HRSG
2014: CMI’s first HRSG behind 7HA.02 GT
2015: First HRSG behind “J” class GT
2015: CMI’s first HRSG behind 400 MW GT (SGT5-8000H)
2016: CMI supplies HRSG for world’s most efficient power plant, Bouchain, France

CMI Energy, LLC
5300 Knowledge Parkway
Erie, Pennsylvania, 16510 USA
Phone: 1-877-225-2674
energy.lc@cmigroupe.com
www.cmigroupe.com/energy