HEAT RECOVERY STEAM GENERATORS

PPH: 5,000 — 300,000 ● PRESSURES: 100 — 1,500 PSIG ● STEAM TEMPERATURES UP TO 1,500 °F
In less than a decade, Victory Energy has evolved into a full-service, single-source boiler supplier for domestic and global markets.

Our facilities are extra-lean and ultra-clean, employing state-of-the-art equipment and proprietary assembly processes to minimize waste and maximize efficiencies. While other manufacturers out-source large portions of a project, Victory Energy utilizes over 170,000 sq. ft. of highly sophisticated manufacturing space to build and assemble what we sell.

We’ve combined well-proven processes with the skills and talents of experienced professionals to create an environment of engineering excellence. Advanced innovative technologies and solid engineering design make Victory Energy an industry leader for custom configurations.

Victory Energy has designed, manufactured and delivered hundreds of HRSG and boiler systems over the past 10 years.

**Typical HRSG Applications:**
- Gas turbine/coal-generation
- Gas and diesel engine exhaust
- Solid fuel combustion recovery systems (wood, coal, MSW - Municipal Solid Waste)
- Process gas from thermal oxidizers, thermal reaction furnaces and incinerators
- Biomass gasification

Many designs are validated with physical modeling.

Victory Energy projects begin and end with customer-approved specs that guide every step of the process.

Victory Energy has ASME and NBIC Certificates of Authorization to design, construct and repair boilers and pressure vessels at both of its manufacturing facilities and job sites.

Victory Energy has gone to great lengths to develop a highly defined Quality Control process. Independent inspections are performed to ensure perfection before production proceeds to the next step.

**The 212 Principle**

To those who consider our commitment to customer satisfaction to be extreme, they’re right-on! At Victory Energy, we believe in the 212 Principle.

At 211 degrees, water is hot. At 212 degrees, it boils. And with boiling water, comes steam. And with steam, we power the progress of change.

The power of one extra degree!
From the beginning, Victory Energy has built relationships with the belief that exceeding expectations is the best foundation for long-term success. The continued growth of our company, expertise, diverse product line and services not only strengthens our reputation to make good on what we promise, it speaks in volume to the point that we stand behind what we deliver - always have, always will, period. Every decision we make is based upon performance, every success we experience is the result of another satisfied customer.

The Victory Energy combined cycle HRSG is designed for operation with gas turbines in a multitude of applications. Gas or oil-fired, our HRSG Horizon® Series can be configured to provide saturated or superheated steam from 5,000 PPH up to 300,000 PPH in a single-packaged system.

Our thermal performance modeling software is capable of integrating multiple heat transfer processes in a single system. Our products are custom engineered and field verified. Shop assembly of each modular unit and component is maximized for efficient delivery and installation.

**Auxiliary components:**
- Complete boiler trim package
- ASME code piping
- Lined duct work/casing for high and low temperature and dirty gas applications
- Expansion joints
- Diverter valves
- Guillotine dampers with Zero-leakage sealed air system
- Silencers
- Duct burners
- Fuel trains/racks
- Combustion controls & burner management systems
- Blowdown tanks
- Deaerators and BFW pumps
- Feedwater economizers
- DA make up water pre-heaters
- Process heat exchangers
- Hoppers
- Structural steel
- Free-standing and self-supporting stacks
- SCR system
- CO catalyst
- Combustion controls & burner management systems
- Blowdown tanks
- Deaerators and BFW pumps
- Feedwater economizers
- DA make up water pre-heaters
- Process heat exchangers
- Hoppers
- Structural steel
- Free-standing and self-supporting stacks
- SCR system
- CO catalyst
On-the-fly — 24/7.

In an industry where every second counts, there’s no time to waste. That’s why Victory Energy goes to great lengths to prepare products for quick and easy assembly. We have developed our own tag-and-crate system that clearly identifies each part and provides easy, step-by-step instructions to get things up and running, fast.

Victory Energy’s spare parts department is on-call 24/7. We guarantee delivery within 24 hours on stocked items. Our massive parts/showroom stocks every spare part you could possibly need. Moreover, we maintain a strong national network with each parts vendor to ensure current competitive OEM pricing.

Every operation also needs good people with solid training. To further ensure your success, we offer an Operator Training Program prior to start-up, as well as recurring training programs to keep your veteran employees up-to-date.

Our Field Services Team stands ready to address any needs that arise. Including shipping and delivering spare parts, trouble-shooting, training, consultation and technical support — on-site or off-site.