



# Combustion Turbine

Experience and Performance You Can Count On



BLACK & VEATCH



# Start With Experience. Select On Performance.

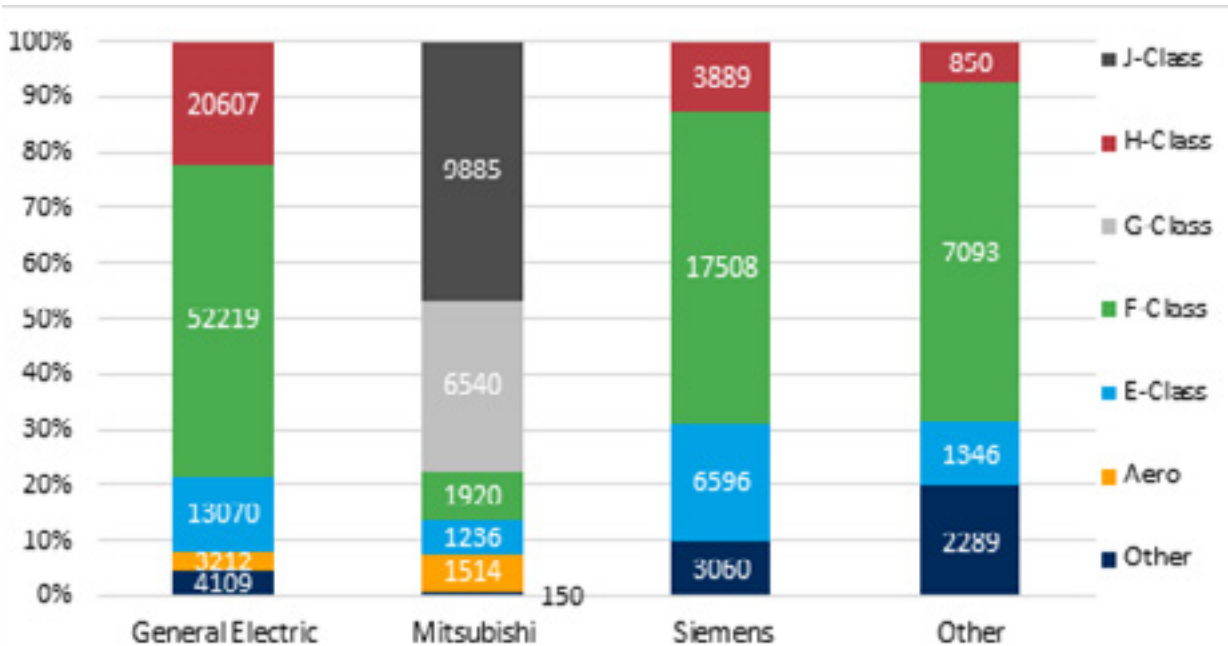
Black & Veatch is an industry leader in virtually all applications of combustion turbine technology and new and operating asset services. From fast-response, simple cycle assets to baseload, combined cycle facilities, to co-generation and/or Combined Heat & Power (CHP) for large industrial complexes, Black & Veatch is your one stop shop for reliable and efficient gas-fueled power generation:

- Simple Cycle
- Combined Cycle Conversion
- Cogeneration
- Combined Cycle (including solar-assisted steam production)
- Hydrogen

Black & Veatch is your trusted resource for all combustion turbine solutions. Our experience provides you with: technology flexibility, clarity to make timely decisions, and seamless, reliable execution.

## Advanced Turbine Experience and Strong OEM Relationships

Black & Veatch’s proven ability to implement cutting-edge technologies and our superior startup and commissioning processes have earned our clients’ trust. This, coupled with our close relationships with original equipment manufacturers (OEMs) during technology development, will keep you at the forefront of this continuously evolving technology.



# Project Design & Execution Excellence

Experience is the greatest teacher and it has taught us that no two projects are exactly alike. That's why we offer flexible solutions tailored to meet your needs and goals:

- Permitting
- Conceptual Design
- Technology Design and Selection
- Engineering, Procurement and Construction (EPC)
- Startup and Commissioning
- Construction Management Services

## Proven Innovation

As a world leader, our clients depend on us to creatively apply advanced technology to all types of power generation applications. We work with the OEMs to integrate the newest technology breakthroughs, such as increased use of hydrogen, LPG, and RNG fuels to meet long term sustainability goals.



Westmoreland Generating Station, Smithton, Pennsylvania

## Guarantees of Performance

We understand the need for output, heat rate and reliability certainty at final acceptance testing and turnover, as well as throughout the operating life cycle of the plant. Our guarantees on plant performance ensure you receive a financially sound investment. All of our projects have met or exceeded output and heat rate guarantees, including the development of first-of-a-kind combustion turbine technology.

## Long-term Value

Since 1915, our team has been committed to being a leader on price certainty for our clients. While no two projects are exactly the same, we have the proven experience and technical acumen to keep expectations of costs and deliverables in alignment. This is proven in our record on change order costs for turbine and reciprocating engine projects that trend well below the industry average.

**Since 2009, five of our CT projects were recognized by *Power Magazine* with the “Gas-Fired Plant of the Year” award.**

# Talented Professionals

With more than 10,000 professionals across the globe, Black & Veatch attracts the world's best talent. We are committed to continuous improvement through hands-on training, education and learning opportunities that build professionals' skills. Our professionals are thought leaders who are committed to their clients and the communities in which they work, all demonstrated through the solutions we provide.

## CT Installations in more than 25 Countries

