

*Performance
Beyond Measure*



fossil



nuclear



geothermal



biomass



solar



**air pollution
control**



A global leader since 1972

Performance Beyond Measure

The true measure of success in today's power industry is operational efficiency. CleanAir® Engineering and it's Performance Group is a leader in efficiency measurement services in the following industries:

- Fossil
- Nuclear
- Geothermal
- Biomass
- Solar
- Air pollution control

In addition, CleanAir offers plants a broad range of performance support in the form of air emissions monitoring, thermal efficiency testing, measurement equipment sales, rental, calibration & repair; and analytical services.

- temperature
- pressure
- flow
- vibration
- power
- noise
- emissions





There's a lot riding on the numbers

In the power industry, a 1% heat rate improvement can save more than \$1 million dollars. The CleanAir Performance Group can provide you with the accurate and dependable data you need to make critical operational and efficiency decisions. We will also work with you to address the often conflicting operational, regulatory and budget considerations you face.

We're at home in challenging environments

Improving a plant's performance requires more than accurate data, it takes years of testing and measurement experience. We have the unique ability to design tests that solve problems, identify irregularities, and otherwise meet the specific needs of your project. Our testing programs can also help your plant address performance problems, acceptance guarantees or benchmarking.

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We have a world of experience

Our expertise in testing and measurement has kept us at the forefront of the industry. It has also resulted in the active participation of our engineers on test code committees and development of ASME, CTI, ANSI, EPA, ISO, and ASTM testing methods. At plants all over the globe, we test major plant components including:

- Simple and combined-cycle gas turbines
- Steam turbines;
- Coal-fired boilers;
- Air heaters;
- Cooling towers;
- Condensers and pumps
- Air pollution control systems

Our tailored test programs create value based solutions:

- New Plant or Component Acceptance
- Heat Rate Capacity Assessments
- Thermal Performance and Efficiency
- Annual Power Purchase Agreement
- Air and Noise Emissions

Contact CleanAir today for the conclusive data you need to make decisions in today's competitive power market.





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