

High Performance at a Fraction of the Cost in North America

Challenge

High Efficiency in Unique Environments

The unique environmental challenges of North American locales pose concerns for gas turbine operators. The presence of sub-micron particles along with various stages of mist or fog can make it tough to achieve high levels of efficiency from the turbine. And unlike high-dust desert environments, much of North America has to deal with very fine particulates that can be difficult to remove from the airflow entering a gas turbine.

Solution – PRO Technology

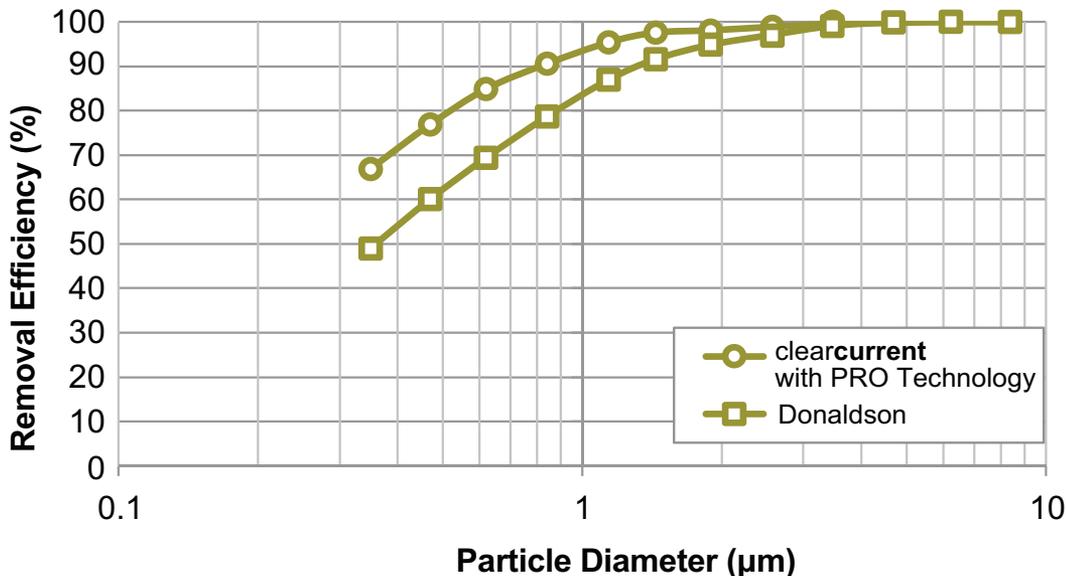
Thanks to its unique composition, this cartridge filter is ideally suited for gas turbines operating in North America. With the robust fine fibers of the media, the clearcurrent PRO cartridge filter avoids the risk of being damaged over the life of the filter due to pulsing, which is especially common in North American inlet houses. And clearcurrent PRO cartridge filters have a protective media orientation to promote high efficiency during the entire life of the filter.

Results

High Performance; Fraction of the Cost

In a recent test clearcurrent PRO cartridges provided better efficiency in removing sub-micron particles from entering the air stream of the gas turbine—nearly 10 percent better than leading competitive filters on the market. And by using clearcurrent PRO cartridges, operators can help avoid or prevent those problems most common to gas turbines operating in North America, including corrosion, erosion and compressor fouling, thereby improving degradation and helping the turbine run more efficiently, for longer. With clearcurrent PRO you get Predictable, Reliable Output, and this high level of performance is delivered at a competitive price.

Initial Fractional Efficiency



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