

HEPA Filtration Upgrade

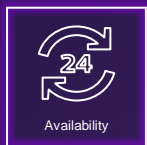
Applicable fleet SGT-400, SGT-300, SGT-200, SGT-100



Before HEPA Upgrade



After HEPA Upgrade



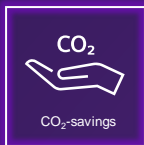
Availability



Life-Cycle Cost



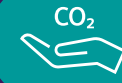
Efficiency



CO₂-savings



Reduce fuel burn up to 5%



Up to 365 tons less CO₂ per year*

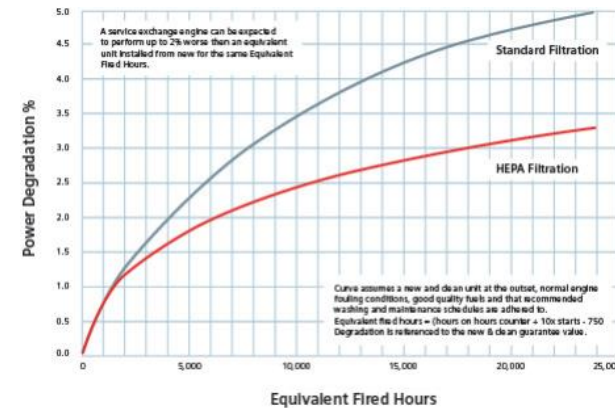
Product Overview

A high efficiency particulate air filter that intercepts, impacts and diffuses particles that can have a detrimental effect on your asset. By reducing the contaminants being drawn into the engine you will limit degradation in compressor performance. This will maintain a higher efficiency and subsequent reduction in fuel burn over conventional filtration.



Benefits

- Retrofitting EPA filtration represents a win/win situation. You will achieve:
- Increased gas turbine availability of typically 2% due to a reduction in water washing.
- Increase in power generation (MW-h per annum) of typically 1% due to the increase in availability and reduction in power degradation.
- Reduced fuel burn (based on life cycle costing) of typically up to 5% due to the reduction in power degradation.



*Based on replacing a F9 with E12 HEPA filtration on an SGT-400 13MW