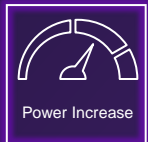
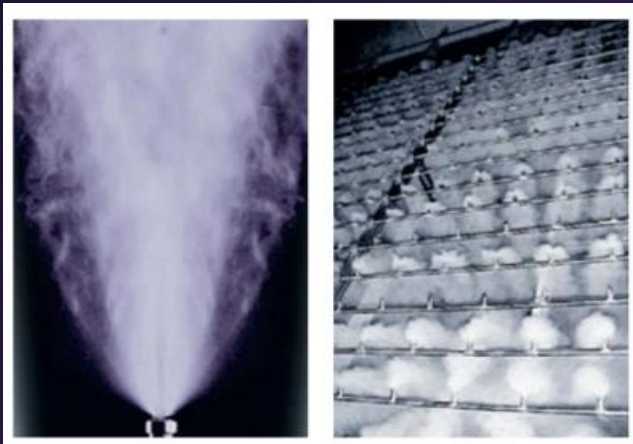
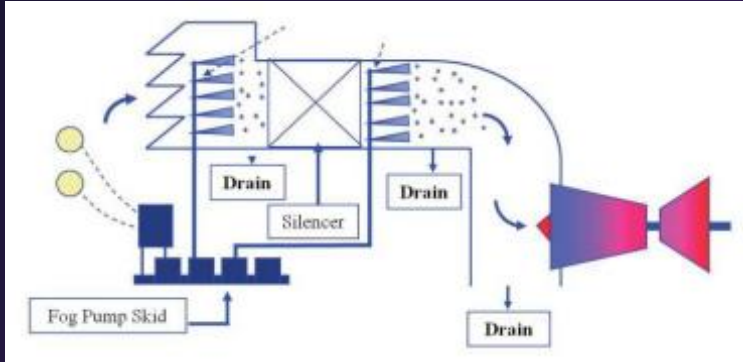


Inlet Fogging System

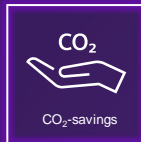
Applicable fleet: SGT-A35 / SGT-A20



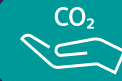
Power Increase



Efficiency



CO₂-savings



CO₂ savings
dependent on
site arrangement

Product Overview

This technology resolves the problem of power limitation on gas turbines when ambient temperatures are high.

- It allows the gas turbine to recover considerable power that is lost.



Improved Features

- Larger number of micro fine droplets of demineralized evaporated water.
- Adiabatic cooling.
- Operation at reduced inlet air temperatures.



Benefits

- Increase in power output.
- Increase in gas turbine efficiency.
- Reduction in gas turbine heat rate.
- Reduction in fuel consumption.



Scope of work & Implementation

- Work will be undertaken **on site** by a Siemens Energy FSR.
 - One pump skid and two sets of nozzle manifolds located in the inlet duct.
 - Interconnecting feed-lines between skid and nozzles.
 - Mounting hardware.

