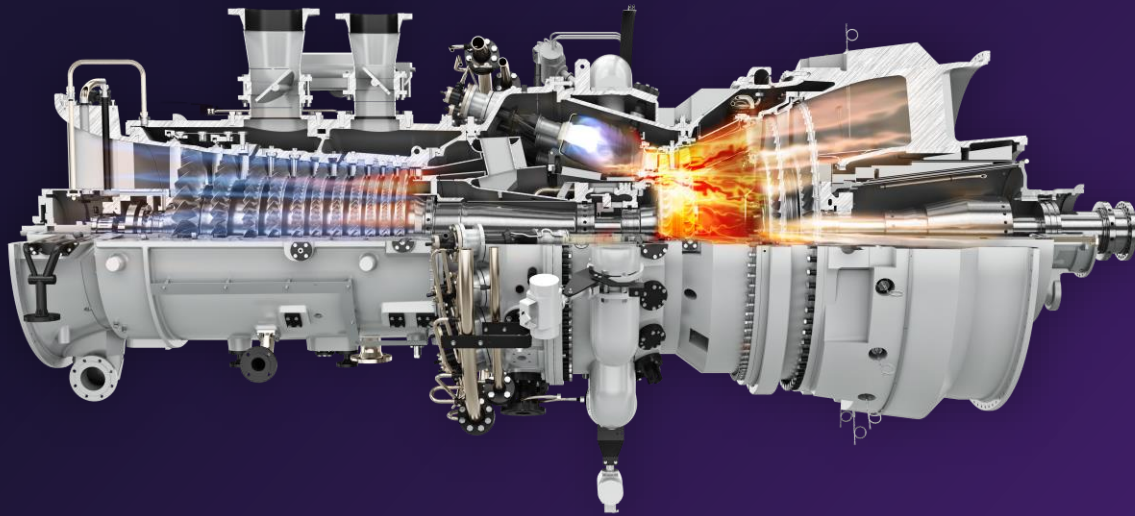
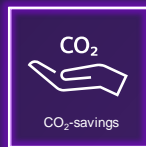


Pre-heating of gaseous fuel

Increase energy efficiency and reduce CO₂ emissions



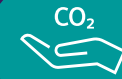
Efficiency



CO₂-savings



+ 0,5 %*
Efficiency



- 6 kg
per MWh_{el}

Product Overview

Siemens Energy offers a solution for gaseous fuel pre-heating in order to reduce fuel consumption of your SGT-800. This solution gives optimal effect if waste heat is available.



Improved Features

- Different levels of fuel pre-heating available (maximum 240°C)
- Heating levels depending on available heat source and optimum scope of fuel system adoptions



Benefits

- Less fuel cost per produced MWh
- Reliable equipment with low maintenance cost
- Gas turbine reliability & availability not affected
- Upgrade can be implemented during planned maintenance, ensuring minimized facility down-time
- Increased energy efficiency (= reduced fuel consumption)
- Reduction of CO₂ emissions per produced MWh



Scope of work & Implementation

- This design has been implemented in more than 30 SGT-800 worldwide



*TBO = Time Between Overhauls

* Percentage points

SE GP I SV MGT PP 1

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