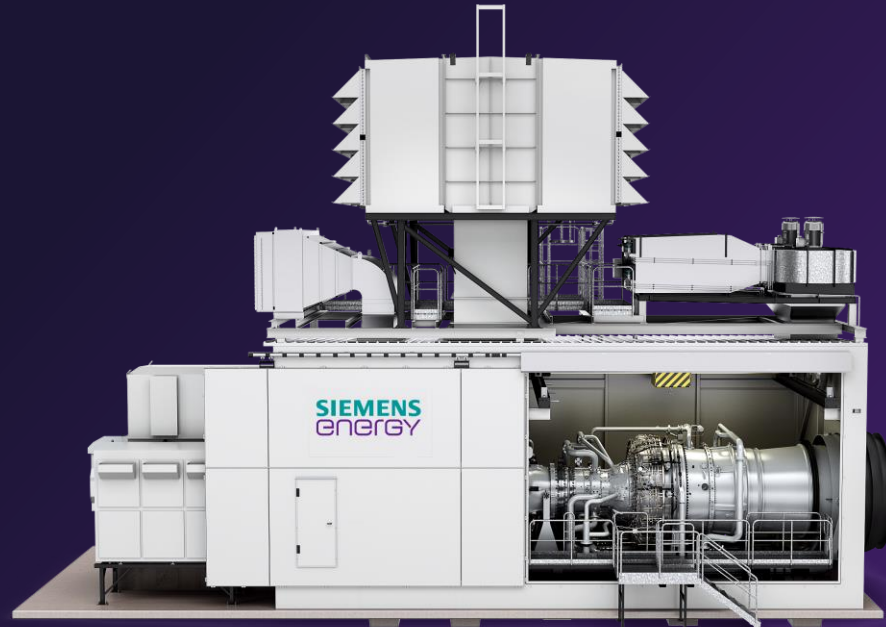
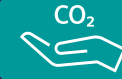


# Performance upgrade of your Gas Turbine – Air Inlet cooling

Increase energy efficiency and power output



+1 %\*  
Efficiency



-14 kg  
per MWh<sub>el</sub>

## Product Overview

Siemens Energy offers a solution for air inlet cooling in order to improve the performance of your medium size Gas Turbine. Air inlet cooling is applicable to SGT-600, SGT-700, SGT-750 and SGT-800. This solutions gives optimal effect in hot and dry climate conditions.



## Improved Features

- Evaporative cooling media made of cellulose material installed behind the air filters in the air intake
- Allows air to meet the water on a large surface
- The solution requires constant supply of water to obtain a cooling effect



## Benefits

- Increased energy efficiency (= reduced fuel consumption)
- Reduction of CO<sub>2</sub> emissions per produced MWh
- Increased production capacity and revenue
- Less fuel cost per produced MWh
- Reliable equipment with low maintenance cost
- Gas turbine availability not affected



## Scope of work & Implementation

- The upgrade can be implemented during planned major maintenance, ensuring minimized facility down-time

