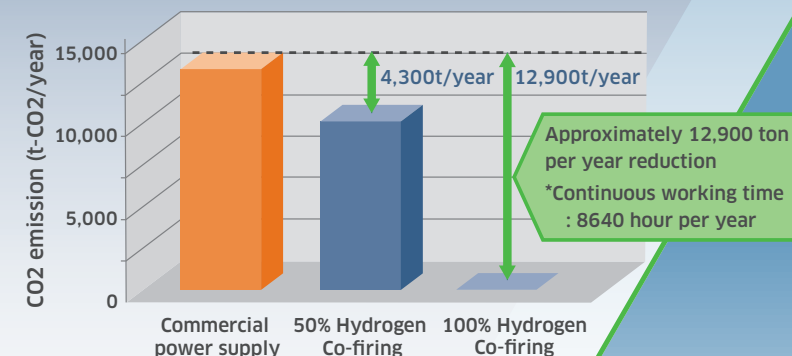


100% Hydrogen gas turbine power generator

100% Hydrogen helps reduce CO₂ emissions during power generation

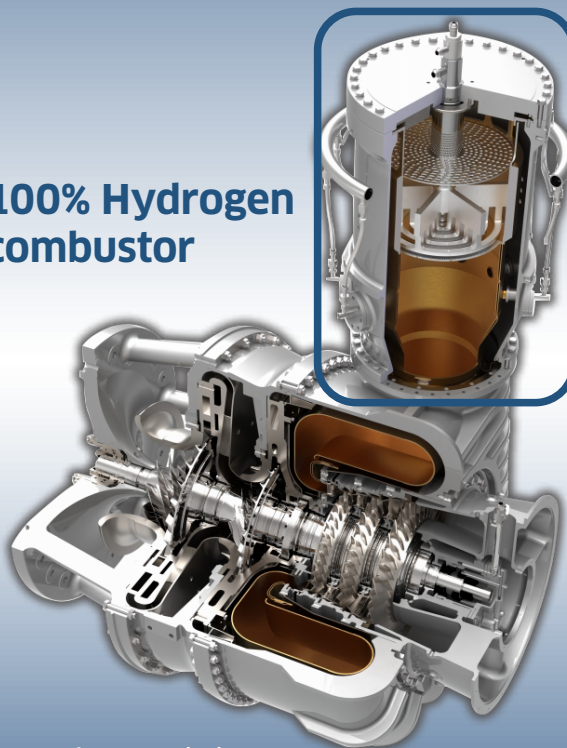
100% Hydrogen gas turbine power generator can perform without modifying the gas turbine itself from a conventional gas turbine for natural gas*, and CO₂ emissions during power generation can be reduced by approximately 12,900 ton while maintaining almost the same power generation efficiency.

*Hydrogen fuel system and fuel mixing equipment are necessary to add.



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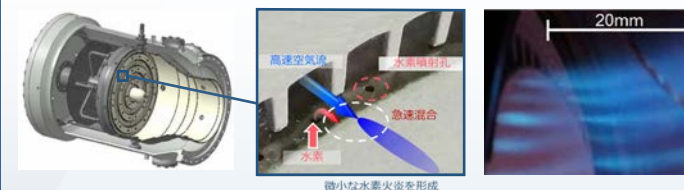
100% Hydrogen combustor



Micromix combustion

Low NO_x combustion technology using small hydrogen flames

- NO_x source: Suppresses hot spots in the flame
- Reduced residence time in high temperature gas
- No premixd zone reduces risk of flashback



Product Description

This gas turbine generator equipped with 100% hydrogen Micromix* combustor based on our proven M7A-17D Model.

*Low NO_x combustion technology using small hydrogen flames.

Features

- Medium and small industrial gas turbines
- It can be co-fired at any ratio of 50-100% hydrogen (Hydrogen fuel system and fuel mixing equipment need to be added)
- NO_x emissions which are issues with 100% hydrogen combustion comply with the Air Pollution Control Law[70ppm(O₂:16% conversion)]