

## Combustion

- Fuel flexible and proven Ultra Low NO<sub>x</sub> combustion system
- Single digit emissions down to 30% load

## Compressor

- Variable guide vanes for part load efficiency and transient operation
- Blades and vanes replaceable without rotor lift or rotor de-stacking

Capable to burn  
**30%**  
hydrogen

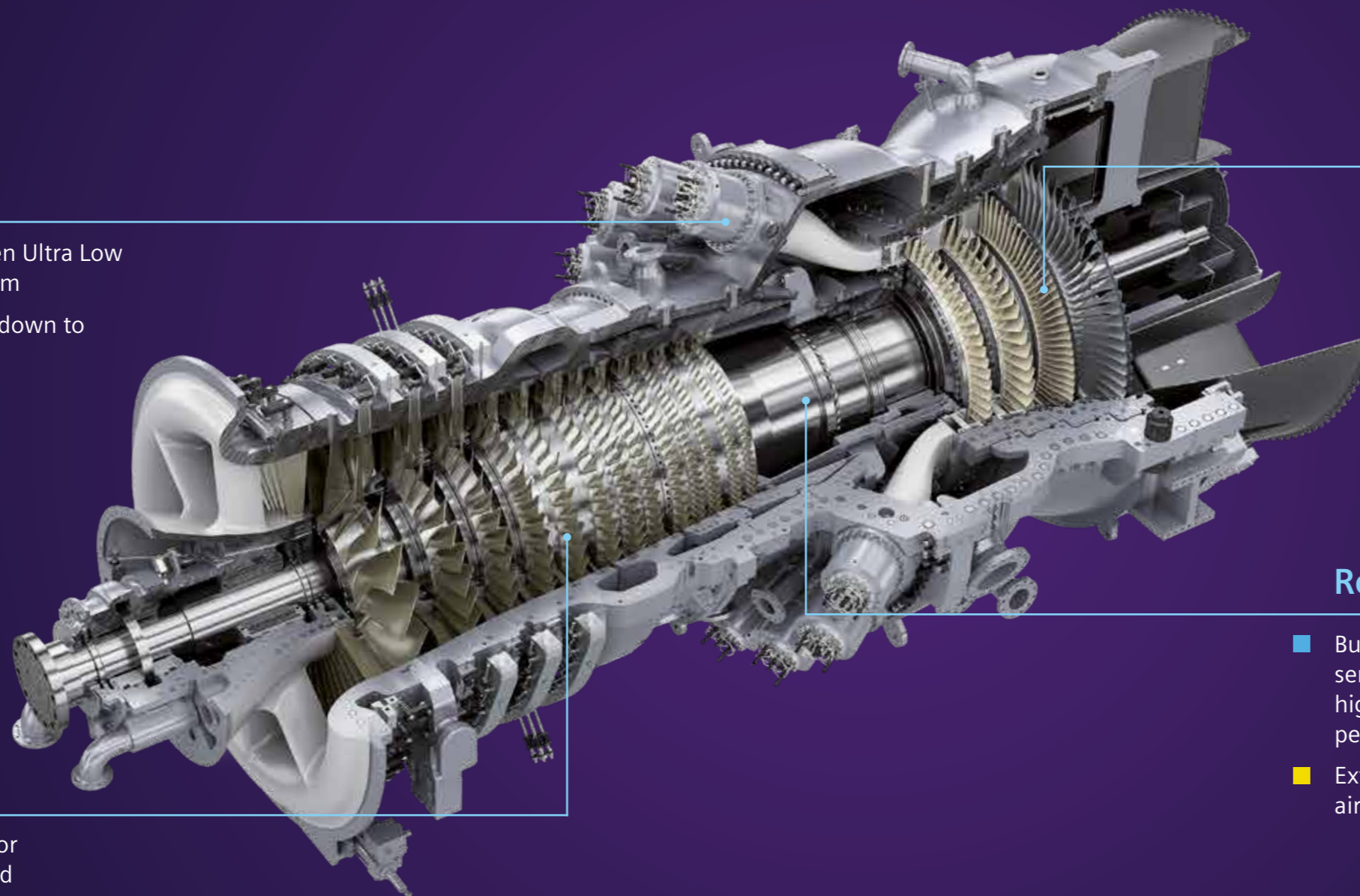


## Turbine

- Four stage turbine with proven conventionally cast turbine alloys
- Low firing temperature for long service intervals

## Rotor

- Built disc-type rotor with radial Hirth serrations and central tie rod: Light-weight, highly rigid design with excellent start-up performance and high cycling capability
- External rotor air cooler for constant cooling air temperature across the ambient range



# SGT6-5000F gas turbine

Flexible and efficient power generation  
with low emissions



■ Flexibility ■ Performance ■ Serviceability