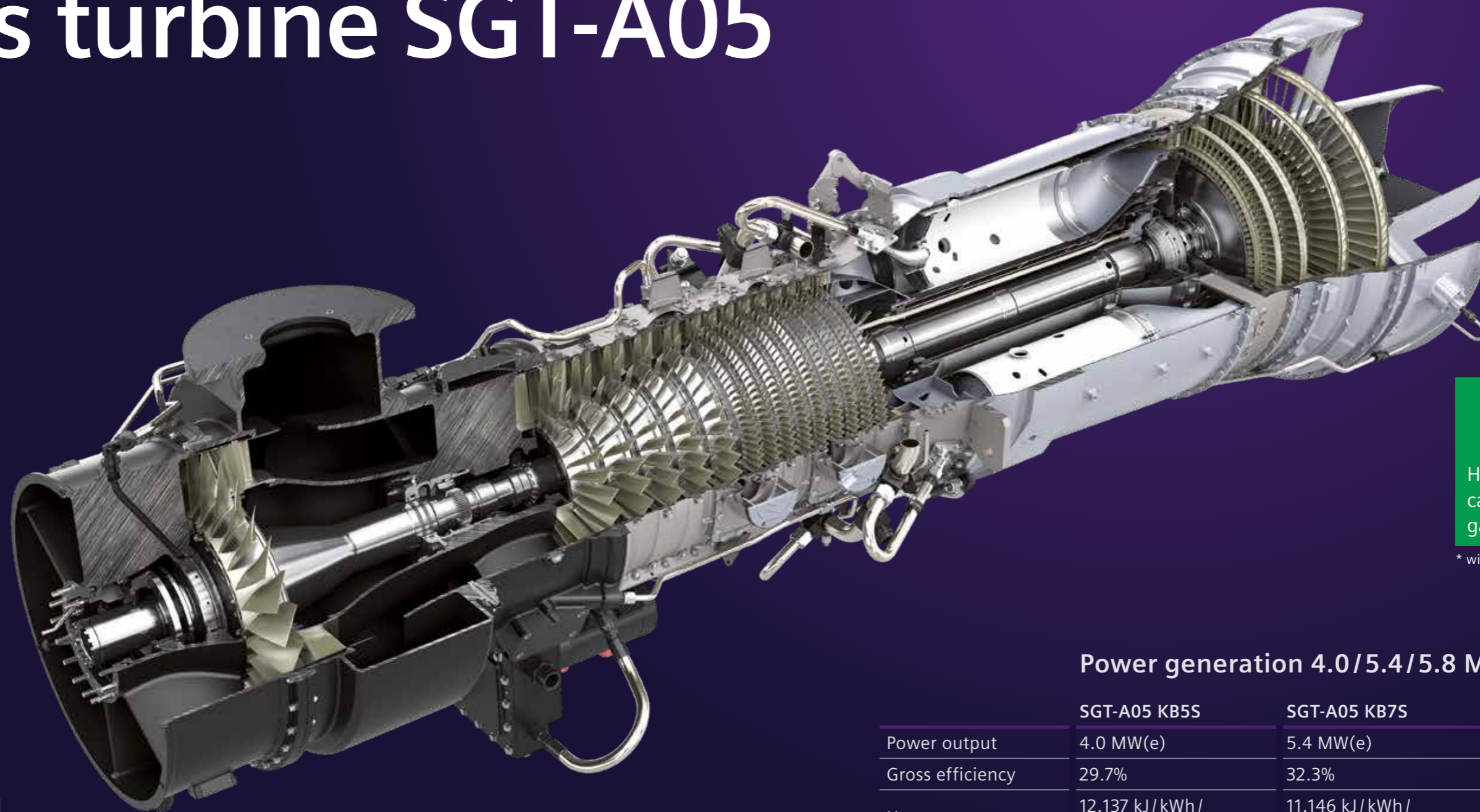



Aeroderivative gas turbine SGT-A05



15%*
Hydrogen
capable
gas turbine



* with WLE burner

Power generation 4.0/5.4/5.8 MW(e)

	SGT-A05 KB5S	SGT-A05 KB7S	SGT-A05 KB7HE
Power output	4.0 MW(e)	5.4 MW(e)	5.8 MW(e)
Gross efficiency	29.7%	32.3%	33.1%
Heat rate	12,137 kJ/kWh / 11,504 btu/kWh	11,146 kJ/kWh / 10,570 (btu/kWh)	10,889 kJ/kWh / 10,282 btu/kWh
Turbine speed	14,200 rpm	14,600 rpm	14,600 rpm
Pressure ratio	10.3:1	14.2:1	14.4:1
Exhaust mass flow	15.4 kg/s (34.0 lb/s)	21.3 kg/s (47.0 lb/s)	21.4 kg/s (47.1 lb/s)
Exhaust temperature	560 °C (1,040 °F)	495 °C (921 °F)	522 °C (972 °F)



with casing steam injection