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**On the Cover** The Colorado Bend power station: one of two Exelon plants that will be the first in the US to feature 7HA.02 gas turbines.

**3 Project development and industry news**

Caithness Moxie Freedom project marks first project financing for HA, Gas to benefit from UK coal closures, Phu My order marks first GT13E2 MXL2 upgrade in Asia, GT inlet cooling systems market to reach \$13.1 billion.

**12 Exelon opts for flexible 7HA.02 GTs**

Exelon has ordered four GE 7HA.02 gas turbines for its Wolf Hollow and Colorado Bend projects. These are the first US orders for what GE claims are the world's largest and most efficient gas turbines.

**18 Making a case for recip**

Flexible power plants based on multiple internal combustion engines can be competitive in terms of initial investment and operational expenditure.

**22 Turbocompound reheat gas turbine CC**

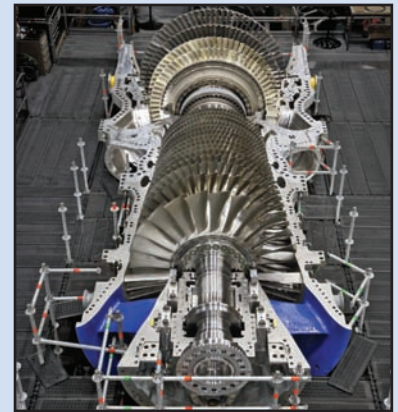
How creative thermodynamic gamesmanship can get to 60%-plus net thermal efficiency without costly 2900°F (1600°C) H or J class turbine technologies.

**30 Industrial RB211-GT30 ready for offshore**

Siemens' Industrial RB211-GT30 is the first new product to emerge since the union of Rolls-Royce Energy with Siemens. The turbine is specifically aimed at the offshore oil and gas industry.

**34 Record efficiency in 450 kW class**

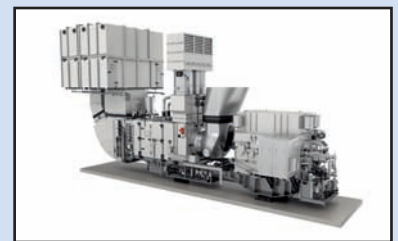
Mitsubishi Heavy Industries and Toho Gas have jointly developed a new 450 kW gas-fired cogeneration system that offers what is said to be the world's highest electrical efficiency level in its class.

**High efficiency, high flexibility**

HA technology gas turbines offer Exelon new levels of efficiency and flexibility, page 12

**Lifecycle analysis**

Internal combustion engines can make good economic sense, page 18

**Ready to go offshore**

The Industrial RB211-GT30 is smaller and lighter than its popular predecessor, page 30

**High efficiency in small packages**

MHI and Toho promise a 450 kW cogen package with 42% electrical efficiency, page 34

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