Your partner for customized control solutions for turbine packages

Holland-Controls offers optimum control system solutions for existing gas turbines, reciprocating engines and related equipment. The **HC-CORE3** is the backbone of our expertise and performes in any situation or circumstance. Our focus is to offer dedicated solutions using off-the-shelf components from renowned manufacturers. This offers our customers, international companies in the oil and gas or utilities, the benefit of focused knowledge, great experience and application oriented independent solutions.

Customized engineering

Support on various control platforms

ISO 9001/14001/45001 certified by TÜV

CE, ATEX and SIL compliant

Excellent documentation and support

Experienced and dedicated team

Holland-Controls

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www.holland-controls.com
+31 74 30 30 300

ISO 9001 ISO 14001 ISO 45001

Achilles Network MEMBER

magnetjqs registered

WORLD TRADE CENTER® TWENTE

ETN

Experience in solutions for equipment of all brands

Rolls-Royce
RB211 (DLE)
Avon (DLE)
Olympus
Trent (DLE)

Allison
501-KC5
501-KB5 (WLE)
501-KB7 (DLE)

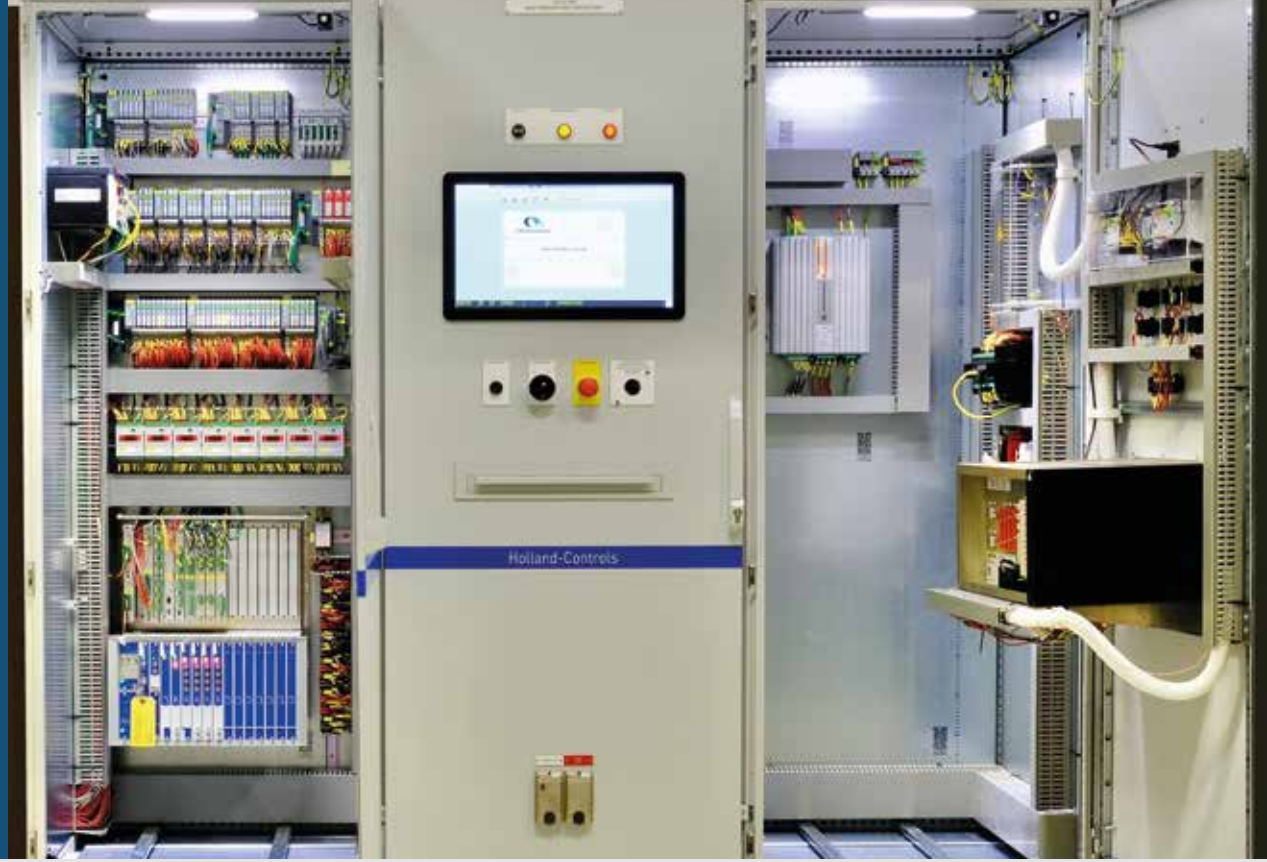
Solar Turbines – A Caterpillar Company
Saturn
Centaur
Mars
Taurus
(SoLoNOx)

GE
Frame 3
Frame 5
LM2500+(DLE)
LM5000

SIEMENS
TA1750
TB5000
SGT-400
SGT-600

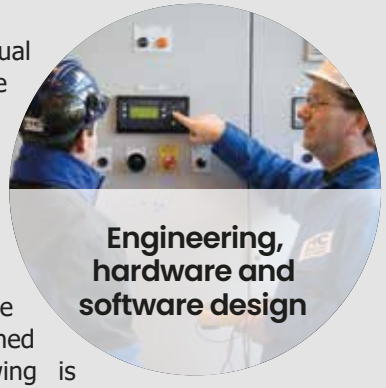
Pratt & Whitney – A United Technologies Company
FT4

OPRA TURBINES
OP16-3A
OP16-3B (DLE)



Design specification
The result of contractual requirements and a site survey in daily language and an engineering database.

Hardware design
Using the engineering database as a basis, the UCP layout is determined and a schematic drawing is constructed.



Software design
Parallel with the hardware design, the functional design specification is used to define the software setup in the form of an alarm & trip matrix and a logic flow diagram.

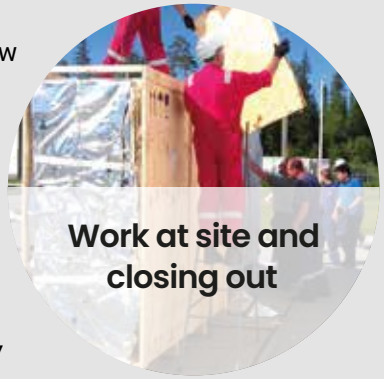
Construction
The control panel is built according to the hardware design and specifications.

The procurement and construction takes place under ISO procedures with the aid of an ERP software package.

Testing
Extensive documented testing and FAT is carried out prior to shipping to site.

Installation
The installation of the new system is carried out and mechanical changes to the unit are realized.

Site testing
The installation is followed by a commissioning period, which consists of loop checking, functional testing and an integrated start-up test.



Training and handover
After commissioning, a training session is provided and the installation is supported by our Services division.

Detailed brochures are available upon request