Turner EPS are Europe’s largest single source providers of maintenance and repair services, bespoke design & build solutions and systems for power generation equipment involving; diesel and gas reciprocating engines, electrical & mechanical governors, explosion protection systems, low carbon/emission microturbines, organic rankin cycle machines and uninterruptible power systems.

Turner EPS is made up of four distinct business units which delivers world-class products and services to a wide range of industries in the Global marketplace. With offices strategically located throughout the UK, Holland and the Middle East, Turner EPS is well placed to offer a one-stop-shop solution for all your power needs.

### Service Portfolio

- Asset management including; generator pre-planned maintenance services, generator hire, load bank testing & 24 hour emergency call out
- Design & build of bespoke power generation solutions for oil & gas, industrial and marine applications
- Design & build of explosion protection systems
- Diesel engine installation, overhaul, maintenance and repair services
- Diesel fuel sampling, testing & polishing service
- Engine control solutions, including electronic & hydraulic governors overhaul and repair
- Offshore power generation rental
- Supply, installation and maintenance of uninterruptible power systems (UPS)
- Supply, installation and maintenance of low emission microturbines for prime power and or CHP applications

## Engine Powered Services

Turner EPS's engine powered services division provides a comprehensive and diverse range of diesel engineering and support services, from basic pre-planned and response maintenance of standby & or emergency generators and UPS systems including load testing, polishing and decontamination of diesel fuel - to the installation, maintenance, overhaul and repair of prime power units installed in marine applications and offshore oil and gas platforms.

We can also offer microturbine technology as an alternative solution to traditional diesel engine powered packages across a wide spectrum of applications. Perfect for both manned and unmanned platforms, Capstone Microturbines have just one moving part, no gearbox or other mechanicals and use no lubricants or other hazardous materials, resulting in minimal maintenance.
Engine Powered Solutions
Turner EPS’s engine powered solutions division is recognised as a European market leader in the design and supply of bespoke special project power generation systems & solutions for the offshore oil & gas industry and specialist industrial & marine market.

We have unrivalled and extensive experience in the design and build of continuously rated emergency standby generating sets and fire pump generators for Offshore Normally Unattended Installations with extended service interval requirements.

Typical design & build packages range from 20kW to 2.5MW.

Explosion Protection Systems
Turner EPS’s explosion protection system division designs and manufactures flame / explosion protection components and packages / systems. All fully integrated with diesel & gas engine pump / compressor drivers, including generating sets, for a range of various makes of engines selected for their suitability and compatibility for Hazardous Area applications.

The range starts from 20kW to 2.5MW with Full Metal Jacket (3G PAC engine with surface temperature below that required for the project, typically 200°C)

In addition we can also provide packages up to 2.5MW in Force Ventilated Containers for applications where the surface temperature is higher than the rating of the hazardous gas (typically dry manifold turbocharged engines).

Turner EPS’s explosion protection systems 3G PAC® diesel engine packages are all explosion tested with verification from reputable third party test house.

Engine Control Solutions
Turner ECS, part of the Turner EPS group, are an official Woodward Channel Partner and provide a complete turn-key service for control and power management systems for mechanical / electrical governors and gas / steam turbines and compressor equipment. www.turner-ecs.com