

WALTERS

Major Infrastructure Scheme Ensures Power Delivery



Project:

Pembroke Power Station

Client:

Alstom Power Ltd for
RWE Npower plc

Value:

£4 million

At-a-glance:

- 3 km of highway construction
- Over 11km of ducting
- Site wide drainage
- Restrictive work corridors
- Multi trade site

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Walters is accredited to ISO 9001 for Quality Management, ISO 14001 for Environmental Management and OHSAS 18001 for Occupational Health & Safety.

Challenges

Alstom Power was appointed to construct the new 1 Billion Euro KA26 combined cycle gas turbine power station in Pembroke. The Client was RWE Npower plc and upon completion, the turnkey project will deliver a total capacity of 2165 MW into the National Grid.

As building construction neared completion, the EPC contractor sought to appoint a contractor to provide all infrastructure, finishing works and landscaping prior to final handover to the client and power station operator. Critical to this appointment was the need to appoint a contractor who would work seamlessly alongside numerous other sub-trades, all working towards tight completion deadlines.

Solution

Walters were approached by Alstom Power to provide this service and soon after were appointed to undertake the Infrastructure & Completion Contract with an estimated project value in excess of £4 million.

Walters immediately deployed a 20 strong management team to work collaboratively with Alstom Power to ensure timely delivery of the high quality works as demanded by a fast track, turnkey programme that had an operational team peaking at over 80 skilled operatives.

The scope of works undertaken included over 3 kilometres of highways, associated ducting and extensive surface water drainage. In addition, site wide structural concrete and site perimeter CCTV ducting were constructed within increasingly restricted service corridors.

Specialist contracting support included GRP laminating, structural debris netting, specialist metalwork, pipe work trestles and ancillary buildings, all undertaken in a high security site environment with stringent risk management and permit controls in place to avoid extensive underground electrical services.