



# USKMOUTH CCGT

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<b>Customer:</b>	Watercare International/Siemens
<b>Site Owner:</b>	Severn Power
<b>Approx. Value:</b>	£150k

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FSD were awarded a contract by Watercare International to undertake the electrical installation on a demineralised water plant and a condensate polishing plant on the prestigious Siemens design-and-build combined cycle gas turbine (CCGT) project at Uskmouth power station in Newport, South Wales.

The station is capable of generating a base load of 850MW via a heat recovery/steam generation/steam turbine process. Waste exhaust gases from the gas turbines are passed through a heat exchanger which generates steam to drive a steam turbine generating set. Critical to the process is the quality of water which is typically fifty times purer than conventional tap water.

Both plant electrical installations were delivered to exacting Siemens standards under an accelerated project programme.

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**Field Systems Designs Ltd**  
Spring Court  
Station Road  
Dorking  
Surrey  
RH4 IEB

Tel: 01306 880800 Fax: 01306 882922

[sales@fsdl.co.uk](mailto:sales@fsdl.co.uk) [www.fsdl.co.uk](http://www.fsdl.co.uk)

