

# CASE STUDY CS04

Project: E.ON Drakelow CCGT  
Location: Coventry



Computer generated image off the proposed Drakelow CCGT

## Fast Facts

**Project Client:** ARUP

**Project Manager:** Forward Projects

**Principal Designer:** n/a

**Principal Contractor:** n/a

**Project Value:** £750M

**Project Duration:** n/a

## Project Mandate

Working under a Tier 2 support contract with ARUP to provide Project Support Office (PSO) services to the E.ON General Project Manager (GPM) of the £750M new build Drakelow CCGT, Coventry

## Background

E.ON was developing a portfolio of new build power projects across the UK. The portfolio comprised a variety of projects from large super-cycle coal power plants, combined cycle gas turbine (CCGT) plants and smaller energy from waste and wind farm projects.

E.ON's strategy was to maintain a slim intellectual client organisation and maintain ownership of the projects through robust programme and project governance structures and processes.

As a Tier 1 supplier of programme and project management resource to E.ON, Arup were invited to establish a PMO for the Drakelow CCGT project, similar to services previously provided for two coal power station projects.

## Solution

Forward Projects Ltd was appointed by ARUP as a Tier 2 supplier to take the leading role in setting up and delivering the PMO support service to the Drakelow General Project Manager (GPM).

## Scope of Services

Initially Forward Projects was tasked with preparing a Project Management Handbook. Once endorsed by the GPM, we provided risk management, planning, stakeholder management, financial management, and progress reporting services.

## Project Success Criteria

Early on in the project development, key success criteria included establishing agreements for grid connection and securing agreements with the supply chain for long lead items (especially with regards to the CCGT units). Forward Projects contributed to this with the development of the project schedule, identifying the critical path and crucial tasks. Further, we developed a risk register and working with the team supported the development of risk mitigation strategies.

## Risk Management

A comprehensive risk register was generated at the beginning of the project and risks were allocated to the work stream leads to actively manage. Estimates of the outturn costs and schedule were then established on a risk adjusted basis using specialist risk management software.

## Added Value

Drawing on a wide range of experiences in the power generation and utility industry we were given a unique opportunity to help shape and influence the project strategy and controls implemented to support delivery. This included being the author of the Project Management Handbook.

## Industry Standard

All works completed were fully compliant with the latest British Standards and Regulator requirements.

For further information contact:

Steve Wayt,

Managing Director

Forward Projects Ltd

Web: [forwardprojects.com](http://forwardprojects.com)

Email: [enquiries@forwardprojects.com](mailto:enquiries@forwardprojects.com)

Tel: 07930 840 798

