



Engineering

Type of Placement: One day group placement to RWE npower's Littlebrook Power Station to gain a first hand understanding of electricity generation.

Curriculum Link: Science, Technology (Key Stage 3-5) and Engineering Diploma.

Summary of Main Benefits:

Teachers had the opportunity of:

- visiting a power generation plant
- learning more about its control systems and management
- gaining valuable insight into the engineering challenges being faced by the sector

Description:

The day included a tour and various presentations from specialists within **npower** and an opportunity to question experts.

Outcomes:

- Understanding of the workings of a power station and its varied environmental and other support systems.
- Understanding of technological advances in generating electricity most efficiently
- Knowledge of career opportunity for those with scientific, engineering or mathematical skills
- Chance to look at the issues of renewable energy sources
- Case study material for students on science, technology and engineering courses
- Links were forged and school visits booked for the future



The diploma aims to challenge preconceptions about careers in engineering so exposure to cutting edge technology will be vital. Identify now what high tech engineering companies and organisations are in your area or its surroundings.

Include a logo of the host business on marketing materials