Michael Watson

Qualifications:

BEng Hons (Enhanced) Electronic Computer and Communications Engineering 2(i)

Microsoft Certified Solution Developer (MCSD)

Qualified Private Pilot (PPL - Aeroplanes)

Experience:

Transition of the company to an employee-owned business. (2022)

Secured discharge of a planning condition at appeal for a wind development in Northern Ireland, by demonstrated that technical radar mitigation was not required for Belfast International Airport. (2018)

Prepared and delivered CPD sessions on various topics including aviation safety. (2017)

Resolved objections to first wind farm in Oman from civil and military authorities through technical assessments, survey and meetings. (2012-15)

Enabled permission for operational Fallago Rig wind farm – delivering expert radar evidence to planning inspector. (2007-08)

Resolving various Scottish radar wind farm objections having developed custom software. (since 2002).

Established Pager Power Ltd. (1997)

Test Team Leader at Sizewell B Power Station. (1990-1996)

Undertaken a range of technical assessments, surveys and meetings including:

- Aviation
- Aviation Lighting
- Electromagnetic Emissions
- Navigation Beacons
- Radar
- Radio Telescopes
- Solar Reflections
- Technical Mitigations
- Telecommunications

Worked on projects in:

- Australia
- Belgium
- Canada
- Finland
- France
- India
- Indonesia
- Netherlands
- Republic of Ireland
- South Africa
- Spain
- Sweden
- United Kingdom
- Oman
- Kenya
- Ghana
- Chile
- Bulgaria
- Greece
- Egypt
- Jordan

Given technical presentations in:

- Chicago: American Wind Energy Association: Whitelee wind farm radar mitigation solution (2009)
- Manchester: Airport Operators Association: Assessing Manchester's tallest building and resolving airport and NATS radar objections (2017)

Research and Development

Developed solar reflections software for static and moving surfaces – including solar PV and buildings (2013-18)

Developed online system for radar, TV, telecommunications and aeronautical impacts (2009-18)

Developed software for assessing radar impacts on wind turbines, PV and tall buildings (2002-19)