Waqar Qureshi

Principal Technical Consultant

BEng (1st Class Hons) Aerospace Engineering
MSc (Merit) Advanced Aeronautical Engineering

Role

Waqar joined Pager Power as a Technical Consultant in 2020, becoming a Senior Technical Consultant in 2025, and Principal Technical Consultant in 2026. His primary role is to assist developers in assessing, managing and overcoming technical planning issues for wind, solar and building projects related to aviation, telecommunications and more. A key part of Waqar's role is liaising with planning authorities and stakeholders to ensure a positive way forward for his projects and supporting the wider team.

Experience

Promoted to Principle Technical Consultant in 2026 by demonstrating advanced technical proficiency and customer service, as well as supporting the wider team.

Undertaken aviation impact assessments and telecommunications impact assessments for wind turbines internationally and building developments in the UK.

Undertaken glint and glare assessments for residential amenity, road safety, rail safety and aviation safety for solar projects internationally and façades of buildings in the UK.

Provided technical assistance and planning support for glint and glare on Nationally Significant Infrastructure Projects (NSIPs) in the UK.

Undertaken glare feasibility studies to aid the design of on-airport solar development at regional and international airports, and more generally, assessed other development types against operational and training safety constraints in consultation with UK airport safeguarding teams

Optimised solar panel layouts to mitigate impacts on aviation safety for solar projects internationally.

Undertaken surveys pertaining to television, radio, and mobile telephone reception quality in the UK, and conducted site surveys to understand how glint and glare effects may affect residential amenity.

Prepared and delivered a CPD session on the technical assessments and their methodology required for building developments.

Experience of consultation with stakeholders such as NATS, MOD, RAF, airport safeguarding teams, CAA AAT, and planning authorities.

Undertaken technical assessments covering a range of topics, including:

- Aviation Safeguarding
- Daylight, Sunlight and Overshadowing
- EMI and EMF Impacts
- Glint and Glare (Solar Reflections)
- Radar and CNS Impacts
- Shadow Flicker Impacts and Mitigation
- Technical Mitigation
- Telecommunication Impacts
- Television and Radio Reception

Waqar has worked in over 11 countries, including the United Kingdom, Australia, Denmark, France, New Zealand, Oman and South Africa.