

Jacob Cunningham

Technical Analyst

BSc (Hons) Economics

CompTIA A+ Qualification (in progress)

Role

Jacob joined Pager Power as a Technical Analyst 2022, with his primary role being 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 Jacob's role is liaising with planning authorities and stakeholders to ensure a positive way forward for his projects.



Experience

Undertaken glint and glare assessments pertaining to aviation safety, road safety, rail safety and residential amenity.

Identified telecommunications impact and constraints for wind turbines and tall buildings in the UK.

Undertaken railway glint and glare assessments for building developments to address concerns from railway operator.

Undertaken assessments for the impact of tall buildings upon aviation radar systems in central London, Manchester and Birmingham.

Investigated mitigation solutions to eliminate point-to-point telecommunications link constraints across onshore wind developments in the UK.

Conducted peer reviews of third-party glint and glare assessments at the request of concerned stakeholders.

Proposed technical glint and glare mitigation solutions towards aviation and railway receptors.

Identified potential aviation radar risks for onshore wind developments in the UK and Internationally.

Undertaken field surveys pertaining to terrestrial television and radio reception quality for wind developments and large building developments.

Undertaken technical assessments covering a range of topics, including:

- Aviation Safeguarding
- EMI and EMF Impacts
- Glint and Glare (Solar Reflections)
- Radar and CNS Impacts
- Technical Mitigation
- Telecommunication Impacts
- Television and Radio and Reception

Jacob has worked in 12 countries, including the United Kingdom, Ireland, Australia, New Zealand, South Africa, Georgia, Poland, USA and Saudi Arabia.

