Michael Sutton

Technical Operations Director

BSc (Hons) Business Analytics
Private Pilot's License (PPL) Theory

Roles

Michael joined Pager Power in 2019 as a Technical Consultant, with his current role seeing him lead Pager Power's Technical Team. With over six years' experience working on wind, solar and building projects across all areas of Pager Power's services, Michael is able to provide comprehensive expert input into his own project work, as well as his team's. Michael's work has seen him contribute to many technically complex projects across the UK and internationally, surrounding aviation, telecommunications, and more.

Experience

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

Assisted in implementing technical mitigation solutions for Primary Surveillance Radar and Secondary Surveillance Radar in the UK for wind and building developments.

Designed aviation lighting schemes for tall building developments in Manchester and London, and schemes for wind developments that minimised visible lighting.

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

Helped secure a feasibility license for the first proposed offshore wind project in Victoria, Australia by identifying potential aviation and telecommunications risks.

Investigated the operational impact of Obstacle Limitation Surfaces breaches upon aviation safety at international airports for building developments.

Assessed the impact of glint and glare from solar and building developments upon aviation activity associated with airports in the UK, Ireland, the Dominican Republic, South Africa, and Kuwait.

Completed analysis of the I-LOFAR radio telescope and the Onsala space observatory for wind development in Ireland and Sweden, respectively.

Authored and contributed to several publications and editorials, including a whitepaper titled '[Evaluating the Field of View: Quantifying How the Location of a Solar Reflection Impacts a Road User]', a website publication titled '[Technical Mitigation Solutions for Solar Glint and Glare]' and a website publication [summarising the National Policy Statements for energy infrastructure].

Undertaken technical assessments covering a range of topics, including:

- Aviation Safeguarding and Lighting
- Glint and Glare (Solar Reflections)
- Shadow Flicker Impacts and Mitigation
- Telecommunication Impacts
- Radar and Navigation Aid Impacts
- Technical Mitigation
- French Military Radar
- Radio Telescopes
- Television and Radio Reception