# Vijayatha Vijayaraghavan

## Systems Analyst

**MSc Physics**
**MSc Astrophysics**

## Role

Vijayatha joined Pager Power in early 2024 as a Technical Consultant, holding an MSc in Physics and Astrophysics. Her work initially focused on assessing and mitigating the impacts of glint and glare from solar photovoltaic developments in the UK. In November 2025, she joined the Business Development Team as a Systems Analyst. Her current role involves development and improvement of our technical modelling processes, market research, and development of new services. Vijayatha has also consistently contributed to the news section of the Pager Power website and newsletter.

## Experience

Assessed the potential impact of glint and glare in the context of aviation activity, road safety, rail safety and residential amenity.

Assessed shadow flicker effects from wind turbines and other structures to minimise potential effects on surrounding areas.

Undertaken desk-based analysis to determine areas of potential television reception interference due to wind turbines in the Republic of Ireland.

Undertaken field surveys pertaining to terrestrial television quality for large building developments.

Carried out daylight and sunlight assessments for new-build projects and change-of-use applications.

Prepared and delivered CPD sessions pertaining to solar and wind development.

Evaluated Electromagnetic Interference (EMI) and Electromagnetic Fields (EMF) to mitigate potential impacts on nearby equipment and infrastructure.

Conducted telecommunications impact assessments for large wind farm projects, including consultation with link operators to implement technical mitigation solutions.

Undertaken technical assessments covering a range of topics, including:

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

Vijayatha has worked in four countries, including the United Kingdom, Ireland, South Africa and Jersey.