



# Environmental Impact Assessments

Middleton Group provides specialist advice for renewable and electrical infrastructure, including:

- Electromagnetic interference and telecommunications
- Electromagnetic fields and human health
- Wind turbine blade throw
- Wind turbine shadow flicker

We follow a robust methodology that includes consultation with relevant stakeholders. Our assessments fit seamlessly into statutory environmental impact documentation.





# Specialist advice

Middleton Group is committed to providing robust environmental impact assessments and assisting your projects through planning application processes.

## What we do

### Electromagnetic interference (EMI) and telecommunications impact assessments (TIA)

- GIS mapping of all radiocommunication services
- Precise 3D point-to-point link analysis
- Stakeholder engagement

### Electromagnetic field (human health) assessments

- Calculations completed with specialised software (CDEGS)
- Site measurements for pre- or post-construction assessment
- Advice provided in line with Australian standards and guidelines

### Blade throw risk assessments

- Application of most recent research
- Analysis tailored to each wind farm

### Shadow flicker assessment

- Application of most recent research
- Calculations completed with specialised software

## Why you should choose us

- Rigorous methodology, including complete stakeholder engagement
- Client-focused communication
- Clear, concise reporting and advice
- Tailored reports to individual state requirements
- Precise analyses that enable optimisation of turbine placement



## Our experience

Middleton Group has completed more than 20 impact assessments for wind farms. Among them are

- [Ungala Wind Farm](#), NSW: Squadron Energy
- [Boulder Creek Wind Farm](#), QLD: Ark Energy
- [Specimen Hill Wind Farm](#), QLD: Ark Energy
- [Spicers Creek Wind Farm](#) NSW: Squadron Energy
- Multiple confidential wind farms, solar farms, battery energy storage systems (BESS) and transmission lines in VIC, NSW, WA, QLD.



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