

Power System Study Consulting

Wind Prospect has been involved in the wind and renewable energy industry around the world for almost two decades. Our global team is thoroughly experienced in the many different issues that may affect a project's connection to the grid. We offer an extensive range of power system study consultation services to aid you in the successful energisation of your renewable development.



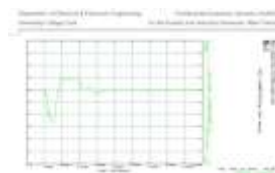
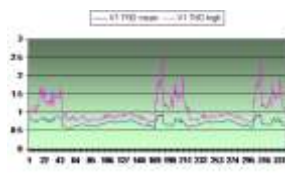
Our Power System Study Consulting services include:

Grid connection studies

- Connection offer reviews
- Grid constraints studies assisting financial decisions
- Connection options studies aimed at technical/economic optimisation

Grid code studies

- Reactive power compensation scheme studies
- Fault ride through capability studies
- Power quality studies



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Recruiting the best

Our experts' careers have spanned many countries and projects.



We have a dedicated team led by Dr Yazhou Lei and supported by the group engineering team.

Yazhou is a power system analysis and wind farm grid connection expert. He brings a decade of experience focused on large scale wind farm grid

connection power system analyses. Yazhou has previously worked for ESBI, Airtricity, EirGrid, and China Electric Power Research Institute.

Wind farm design studies

- Innovative collector network designs
- Collector network cable size optimisations
- Fault level studies
- Insulation coordination studies

Electrical specification studies

- Power cable specifications
- Wind farm tailored transformer tap-changer range and impedance specifications