



Value engineering has become increasingly demanding in the competitive bidding process. Our 360° design optimisation approach takes care of technology optimisation, engineering optimisation, land optimisation with 3D terrain analysis, energy yield optimisation and commercial value optimisation. We have developed innovative design solutions by using in-house development tools and using cutting-edge existing tools to offer the best solution to your projects.

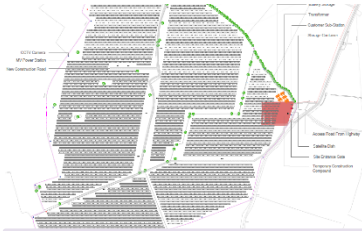
Our design optimisation solutions help

- Improving LCOE by optimising the financial model
- Overcoming the challenges of cost and risk
- Decision-making challenges of irradiance and energy yield assessment
- Managing the challenges of component supply chain risks.
- Tender management of components and contractors
- Commercial negotiation

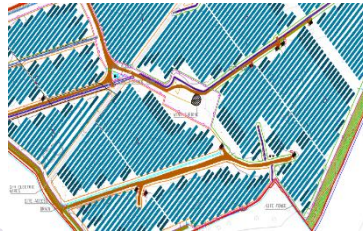
Our engineering optimisation solution covers

- Project Development – Design & Engineering Support
 - Preliminary design
 - Designs for building permits
- Value engineering – Design & Engineering solutions
- Detail Design for construction
- Cable and fuse sizing calculations
- Fault calculations

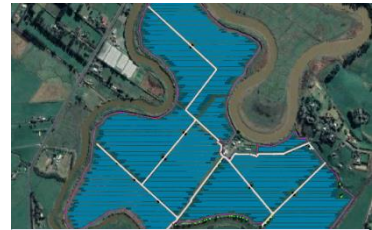
Case Studies



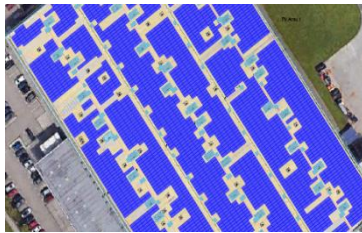
Location: UK
 After Optimisation: 49.99 MW
 Before Optimisation: 46 MW
 Same grid & land > uplift project return



Location: Ireland
 After Optimisation: 34 MW
 Before Optimisation: 29 MW



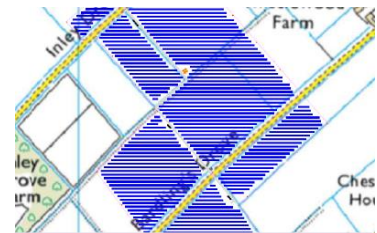
Location: New Zealand
 After Optimisation: 71 MW
 Before Optimisation: 56 MW



Location: UK
 After Optimisation: 1.7 MW
 Before Optimisation: 1.1 MW



Location: Netherland
 After Optimisation: 11.7 MW
 Before Optimisation: 11 MW



Location: UK
 After Optimisation: 24 MW
 Before Optimisation: 26 MW