

Wind Farm Projects



Location

Australia Wide, Australia

Office Responsible

Cardno Grogan Richards

Responsibilities

Structural, Civil and Traffic Engineering Services

Contact

traffic@cardno.com

1300 782 171 (in Australia) or your local office

+61 7 3369 9822 internationally

www.cardno.com

Project Scope

Projects include:

- Lal Lal Wind Farm, VIC
- Challicum Hills Wind Farm, VIC
- Bass Coast Shire Wind Farm, VIC
- Hallet Wind Farm, SA
- Snowtown Wind Farm, SA
- Sidonia Hills Wind Farm, VIC

Cardno Grogan Richards have provided multidiscipline engineering services for the installation of wind farms throughout Australia. Our services have included:

Inspection of likely haulage routes and identify likely constraints such as pavement grades and condition, identification of critical intersections and road sections, location of vegetation, review of bridge bearing capacities, identification of overhead constraints and the compilation route inventories.

Cardno have access to the latest technology in digital video inventory systems - known as DRIVE (Digital Road Inventory Video Environment) this tool allows an extensive database of road side furniture and layouts to be recorded along designated routes.

We have provided design solutions for required remedial measures such as

road / intersection works or re-alignment, structural augmentation of bridges/culverts or pavements and vertical clearance solutions.

Cardno Grogan Richards structural engineers have provided design solutions for tower foundations for a variety of ground conditions including ground anchors and conventional reinforced gravity footings.

We have also provided independent checking and certification of tower foundations.

Our Civil team has been involved in the design and documentation of access roads, hardstands and site drainage to various wind farm sites.