

Power and Renewables

DT Infrastructure is a leading provider of integrated power and renewables solutions across Australia. Offering a comprehensive range of services from planning and construction to operations, maintenance, and decommissioning, we deliver sustainable infrastructure projects under all contracting models.

DT Infrastructure has experience in the design management, procurement, construction and commissioning of energy infrastructure including solar farms, wind farms, battery storage facilities and transmission lines.

We provide expert support throughout every stage of power and renewables project development.

Delivering efficient and reliable power networks, DT Infrastructure can partner with you on construction and commissioning for substations, transmission lines and distribution networks.

Our comprehensive operations and maintenance services guarantee peak asset performance, while our innovative asset management strategies extend the lifespan of your critical infrastructure. Additionally, we offer cutting-edge metering and efficiency solutions to help you reduce energy costs.

Projects are executed seamlessly using integrated engineering, procurement and construction services that keep operations on time and within budget while maximising asset performance with comprehensive maintenance programs.



Eyre Peninsula Link Transmission

This design and construct contract involved upgrading the existing electricity transmission network supplying the Eyre Peninsula, and the upgrade of electricity substations.

We delivered detailed design and construction of a new 262km double-circuit 132kV transmission line from Cultana to Port Lincoln via Yadnarie, with the ability to upgrade to 275kV at a later date; as well as design, construction and commissioning the upgrades at five substations at Yadnarie, Cultana, Middleback, Wudinna and Port Lincoln.

Chichester Solar Farm

The 60MW Chichester Solar Farm and associated high voltage substations and transmission lines deliver renewable energy to FMG's iron ore mines Christmas Creek and Cloudbreak, in the Chichester Hub iron ore operations.

Key scope included:

- 60MW solar farm
- Upgrade to the existing 220kV Roy Hill substation
- Two new 220kV substations at the FMG sites
- 70km of 220kV single-circuit transmission lines to connect the substations
- 11kV facilities to connect to the ore processing facilities (OPF) at the FMG sites.

