

Overview

The new regenerator site was required to be constructed at Jinidi to meet Telstra's transmission capacity requirements in the northwest of Western Australia. The new regenerator is part of the large capacity optic fibre and transmission infrastructure for major customers and networks in NW Western Australia.



Features

The new site is one of the largest passive sites Telstra has constructed with a capacity of 1000W requiring a bespoke passive shelter design and first large solar design of its type to handle this capacity.

It is the first transmission regenerator site to use the new Eltek hybrid solar / diesel generator power system (previously only used for mobiles sites).

It is also the first Telstra site to use a hybrid system of this capacity, and the first hybrid system with the batteries located inside.



Outcome

The site was constructed in difficult terrain and during the wet season by our WA Field Service Team. The project was managed as a turn-key solution taking in design through to construction.

