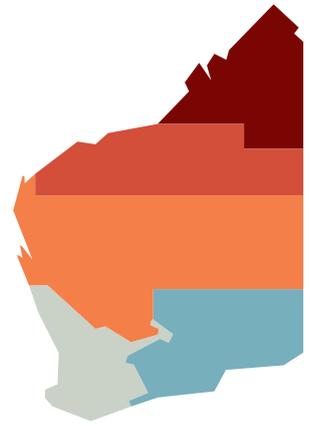


Renew the Regions

Solar, battery and streetlights



"Contemplation" by Mark Norval
Photo: Nic Duncan Location: Derby

Horizon Power is working to
reduce the cost of energy and
lower greenhouse gas emissions

We're helping Derby Hospital and the Shire of Derby/West Kimberley slash energy bills and greenhouse gas emissions by installing solar PV systems, battery storage systems and smart LED streetlights.

*Owned by the
people of WA*

HORIZON
POWER

Project overview

The Shire of Derby West Kimberley's remoteness and rugged environment make it a difficult and expensive region to supply energy to. By installing a roof-mounted solar PV system and a renewable energy smoothing battery at the Derby Hospital, and roof-mounted solar PV systems across the Shire's portfolio of buildings, we will dramatically reduce their energy bills and greenhouse gas emissions.

When the sun goes down, we will still help the Shire save by converting streetlights to energy-efficient smart LED streetlights. In addition to improving night-time visibility, smart lights allow us to monitor outages and optimise streetlight performance in real-time.

We'll engage suitably qualified and experienced local contractors to design and install the solar, battery and smart LED streetlights. Our upgrades will significantly reduce the Shire of Derby and Derby Hospital's annual energy bills.

Key works include:

- Install 283 kWh of solar PV across Shire buildings including:
 - Derby Administration Building and Library
 - Derby Airport
 - Derby Child Care Centre
 - Derby Depot
 - Derby Development Services
 - Derby Pool
 - Derby Recreation Centre
 - Derby Toy Library
 - Derby Youth Centre
 - Fitzroy Crossing Airport
 - Fitzroy Crossing Depot
 - Fitzroy Crossing Oval and Pool
 - Fitzroy Crossing Visitor's Centre
- Upgrade over 1,100 streetlights to energy efficient smart light emitting diodes (LED);
- Install a 364 kWh solar PV system at the Derby Hospital and a solar smoothing battery energy storage system.

Key information

Place

Shires of Derby/West Kimberley,
Halls Creek, Wyndham East
Kimberley, Derby Hospital.

Investment

\$5.2 million.

Benefits to our community

- Horizon Power's community first approach will see regional energy infrastructure upgrades that will stimulate the local economy through jobs and procurement opportunities.
- Stimulating the Kimberley economy via the engagement of suitably qualified and experienced local businesses/contractors to deliver the scope of work.
- Significant annual energy bill savings to the Shire of Derby/West Kimberley and to the Derby Hospital, whilst reducing emissions.
- Smart LED streetlights will improve night-time visibility and increase amenity in Derby and Fitzroy Crossing.
- Substantially reduced maintenance costs due to the increased lifespan of LED lights (up to 50,000 hours).

Visit renewtheregions.com.au or
www.wa.gov.au/government/wa-recovery

Key dates

- Local community and industry briefing session 14 October 2020.
- Shire of Derby Solar PV project local procurement January 2021.
- Derby Hospital Solar PV and Battery project procurement mid 2021.
- Start installations March 2021.
- Projects complete early 2022