



Ngangganawili Aboriginal Health Service (NAHS):

Commercial Solar PV and Smoothing System

NAHS provides critical hospital, remote GP, after-hours accident and emergency services in the Wiluna area. They wanted to reduce their energy bills through renewable energy so funds could be focused on health services. Balance was selected for our demonstrated capability to comply with Horizon Power's generation management requirements for solar power.

BALANCE SOLUTION

The system comprised 100kWp of GCL PV Modules and 3 x 40 kWh BYD CESS (Cabinet Energy Storage Systems) to connect the roof mounted PV to the grid to provide seamless solar smoothing. Balance also facilitated securing of finance and negotiation of terms with Equigroup, a CBA subsidiary.

CHALLENGES

During the project, Horizon Power required additional active feed-in management. Balance worked with NAHS and Horizon Power to design and deliver a solution.

THE RESULTS

The project was successfully commissioned and now supplies renewable energy to NAHS. It has generated significantly reduced electricity costs for NAHS and the community of Wiluna through Horizon Power grid.



Location: Wiluna, Western Australia

Project: On Grid Solar PV and Smoothing System

Capacity: 100kWp

Storage: 120kWh

Constructed: August 2015

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