



Australian Defence Station Solar Farm

Remote Solar Farm to help energise those who protect Australia

In 2014, the Department of Defence Australia released its revised Estate Energy and Water Policies and Strategies. The aim being to drive efficiency in resource management to maintain capability, reduce costs, and increase resource security.

BALANCE SOLUTION

Balance was awarded the EPC contract and commissioned the project in January 2019. The project highlights Balance's capability to independently successfully deliver high value solar farms and is key for initiating further project with the Department of Defence. Balance's role was to provide a fixed price, turnkey provision of the 1.56MWp solar array up to the point of attachment to the new 33kV site main switchboard (being supplied and installed by others).

We also have to integrate the PV system with Defence's existing ADSCS SCADA system and provide two years operation and maintenance of the PV system. Balance will provide 52 weeks defects liability and two-year performance guarantee.



Location: Geraldton Western Australia
(424km North East of Perth)

Project: Solar Farm (ground mounted)

Capacity: 1.5MW
Constructed: October 2018

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RESULTS

- ✓ Reduced site costs as a result of reducing consumption of grid imported power
- ✓ Generated renewable energy for supply and use by the Site
- ✓ Achieved objectives in alignment with the Defence Estate Energy Policy
- ✓ Created energy security options in the future
- ✓ Built Defence expertise and experience with the procurement and installation of large-scale renewable projects to enable Defence to replicate elsewhere in the Estate
- ✓ Leveraged the Project to create a positive public image and good reputation within the local community and wider population
- ✓ Reduced Greenhouse Gas (GHG) emissions associated with the supply of electricity to the Defence Estate.

