## **SOLAR** Pro.

## Heard and McDonald Islands battery and solar panels

What's happening on Heard Island & McDonald Islands?

Landing stores, Atlas Cove, Heard Island with Rogers Head in background Photo: Alan Campbell-Drury Due to the extreme isolation Heard Island and McDonald Islands (HIMI), together with the persistently severe weather and sea conditions, human activities in the region have been, and remain, limited.

How many people have landed on Heard Island?

Since the first landing on Heard Island in 1855, there have been only approximately 240 shore-based visits to the island, and only two landings on McDonald Island (in 1971 and 1980).

How many private yachts have visited Heard Island?

A low number of private yachts and commercial tourist vessels have visited Heard Island, although few successful landings have been made due to poor weather. Other private expeditions have included brief visits by ham radio enthusiasts, private scientific groups and mountaineering parties.

Does the Australian Antarctic Division have a refuge on Heard Island?

The Australian Antarctic Division (AAD) generally maintains one or two refugeson Heard Island which are equipped with basic provisions, but because their presence and ability to be maintained varies with AADs operational requirements these cannot be relied upon for shelter.

Isolated from mainland grids, islands relied exclusively on imported fossil fuels before the innovation of renewable technology, which could mean no power for island residents if there's a particularly bad storm halting the movement of ships importing the fuel.

The Proposal to expand Heard Island and McDonald Islands Marine Reserve - Public consultation paper ("proclamation proposal") has been prepared to support public consultation on the proposed design of an expanded Heard Island and McDonald Islands (HIMI) Marine Reserve.

Work started in mid-June 2012 on the one megawatt Tokelau Renewable Energy Project, which is comprised of three individual solar power systems with battery storage. Each system alone is ...

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Power is supplied by small diesel generators, solar cells and wind generators. Wastes are stored for return to Australia, incinerated (where combustible and non-toxic) or, in the case of human wastes and washing water, disposed of into the ocean.

Find Heard Island and Mcdonald Islands electrical projects, Heard Island and Mcdonald Islands solar energy project information, Heard Island and Mcdonald Islands power projects, Heard Island and Mcdonald Islands renewable energy project information, Heard Island and Mcdonald Islands wind turbines projects.

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The previously proposed natural gas power plan in Burrillville would take 40 acres and produce 900MW of power. To produce this same amount of energy with a solar farm would require 9843 acres of land.

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