

**Assisting the NT
in meeting its 50%
by 2030 renewable
energy target**



**Solving challenges
in one of our most
complex & isolated
power systems**



Central Australia's renewable history

The Intyalheme Centre for Future Energy builds on a strong history of renewable energy projects, existing infrastructure, and expertise in Alice Springs.

In 2008, Alice Springs was one of seven areas chosen to be a Solar City, funded by the Australian Government. During Alice Solar City, the number of rooftop solar photovoltaic (PV) systems installed on rooftops across the town rose from two, to more than 700.

Solar Cities provided a \$100 million economic boost for Alice Springs, and left a legacy that included five projects which, at the time, were the biggest of their type in Australia.

One of the projects was Uterne Solar Power Station. 'Uterne' means 'bright sunny day' in the local Arrernte language. When the first 969kW stage of Uterne was opened in July 2011, it was the largest tracking solar farm in the Southern Hemisphere. A second stage, Uterne II, was completed in 2015. Uterne's total capacity is 4063kW.

The Desert Knowledge Australia (DKA) Solar Centre was opened in 2008. It now showcases more than 40 solar arrays, illustrating technology developments through time. Data produced by the Solar Centre is used by more than 10,000 people annually and is freely available online.

Alice Solar City's legacy can be seen at Alice Springs Airport, the Araluen Arts Centre and some large hotels. Other projects with significant local impact include Power and Water Corporation's NT SETuP, and off-grid project, Bushlight.

Quick facts

There are more than 2000 rooftop PV systems in Alice Springs.

There are well over 400 stand-alone solar power systems across remote Northern Australia.

The DKA Solar Centre is the largest multi-technology solar demonstration facility in the Southern Hemisphere.



The Intyalheme Centre for Future Energy is helping to identify and coordinate the removal of barriers to further renewable energy penetration in the Alice Springs power system.

More details: intyalheme.dka.com.au

