## Harnessing clean energy on Semakau Island



These rows and rows of solar panels, some of which are being adjusted by workers, on Semakau Island help to power a deep-sea fish farm there running on 100 per cent clean energy. They are part of the Renewable Energy Integration Demonstrator-Singapore (Reids), which integrates energy from micro-grids powered by light, the wind and even tides, and can be used to generate power in remote areas.

By integrating multiple renewable energy sources – which are heavily dependent on conditions of nature – the system is able to generate power more consistently.

Developed by Nanyang
Technological University, this
micro-grid system, the first of its
kind in South-east Asia, serves as
a platform for companies to test
research projects that are
powered by renewable sources of
energy in real-world conditions.
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