

# McElligotts – Mackay

## 100kW Solar Generation System

PROJECT COMMENCED JULY 2015

Photo Voltaic (PV) Solar Generation Systems are being adopted by more companies as a way to reduce their energy costs.

NuGreen Solutions was engaged by McElligotts to install a PV Solar Generation System, in Mackay, under a generation and maintenance agreement.

The **100kW** PV Solar Generation System designed by NuGreen Solutions achieved a **34.1%** energy cost saving per year and is cash flow positive from day one.

## THE BENEFITS

- Reduced peak load energy demand
- Reduced carbon emissions
- Reduced energy costs
- Maintained & Monitored by NuGreen Solutions
- Long term warranty
- Generation Guarantee



## THE SOLUTION

### 100kW Solar Generation System

515,531 kWh/year	Energy Demand per year
384 X 260Wp	Solar Panels installed
34.1%	Energy Cost Savings per year
\$577,876	Saving Over 10 years
570	Tonnes CO <sub>2</sub> -e saved over 10 years

ENERGY COST COMPARISON	EXISTING	SOLUTION
ENERGY COST (\$/YEAR)	\$159,093	\$104,782