

## SMART CONNECTED SOLAR

### MATER HOSPITAL TOWNSVILLE



#### CUSTOMER

Mater Hospital Townsville

#### DURATION

9 Weeks

#### SITE

Townsville, Queensland

#### SERVICES DELIVERED

Smart Connected Solar on rooftop

#### PROJECT BUDGET

\$810,000

#### MAN HOURS

Approx. 2,500

#### TRIFR

(Total Recordable Injury Frequency Rate)

0%

#### CAPACITY DELIVERED

452kW

#### PROJECT DETAILS

Yurika is currently helping Townsville's Mater Hospital transition to rooftop solar to power it into the future, by delivering a 452kW Smart Connected Solar solution.

Work on the large-scale rooftop solar system is in the final stages of construction and is set to be fully commissioned in January 2020.

The 1222 solar panels will be spread across five (5) building rooftops and provide the equivalent electricity to power the energy needs of about 100 homes a year.

Yurika will also provide an online information service enabling remote monitoring of solar production, grid usage and on-site consumption.

The solar system will also be able to participate in Yurika's Virtual Power Plant (VPP) and ready to be coupled with a large-scale battery, EV chargers, and peak demand load control systems, ensuring the system is able to meet Mater Hospital's future energy needs.

The system also has the potential to use the hospital's back-up generator capacity through the VPP to take advantage of fluctuations in the wholesale energy market and offset their overall cost of energy.

The new solar system will enable the hospital to reduce its electricity costs at the times the hospital is using the most energy.