

FREQUENTLY ASKED QUESTIONS

HOW MANY KILOWATTS WILL THE SYSTEM PRODUCE?

The solar system is 99kW and will produce between 20% to 25% of the Council Administration Building's energy consumption.

HOW BIG IS THE STRUCTURE?

The carport structure will cover approximately 40 parking spaces and complies with all car parking regulations as far as height and width.

WHERE CAN I SEE MORE DETAIL?

For more information and a better understanding of what it will look like on completion, we welcome you to visit the structural diagrams that will be on public display in the front foyer of the Mullumbimby Council Administration Building.

IS THE STRUCTURE WATERPROOF?

The structure is not a waterproof roof. The solar panels will provide some coverage from rain; however the structure's main purpose is to provide a source of renewable energy for Council operations.

WHO WILL USE THE SOLAR POWER CREATED BY THE SYSTEM?

The solar power generated will be used to power the Mullumbimby Administration Building and excess will feed into the grid.

WHAT IS A LEVEL 2 ELECTRIC VEHICLE CHARGING STATION?

A Level 2 EV charging station has a charging level of 240V or 3.3KW-6.6KW. A Level 2 charger allows for a

wide range of charging speeds. Charging is much quicker than a Level 1 charger commonly used at home as it is done at higher voltage and at higher amperage. This charger will be available to use at any time of the day by members of the public.

WHAT WILL THE CARPARK LOOK LIKE AFTER COMPLETION?

The current carpark will not change in size or layout. The only change will be the addition of the solar structure that will cover 40 car spaces at the southern end of the carpark. A large version of the detailed design drawing of the structure can be viewed as part of the public display in the front foyer of the Mullumbimby Council Administration Building. Only one parking space will be lost permanently as a result of the Project.

ARE TREES BEING REMOVED?

Due to the solar system acting as a shade structure, Council will need to remove six trees from the centre of the car park. This decision was made after consultation with an external Ecologist, who advised that these trees were not of ecological significance and are also of poor health.

FURTHER INFORMATION

For more information visit Council's website:
www.byron.nsw.gov.au/solarcarpark

Contact Council's Sustainability and Emissions Reduction Officer
sustainability@byron.nsw.gov.au
P: [02 6626 7295](tel:0266267295)

To keep updated on progress, go to Council's website
www.byron.nsw.gov.au/solarcarpark

BYRON SHIRE COUNCIL SOLAR CARPARK PROJECT

COUNCIL ADMINISTRATION BUILDING
STATION ST., MULLUMBIMBY



Visit: www.byron.nsw.gov.au



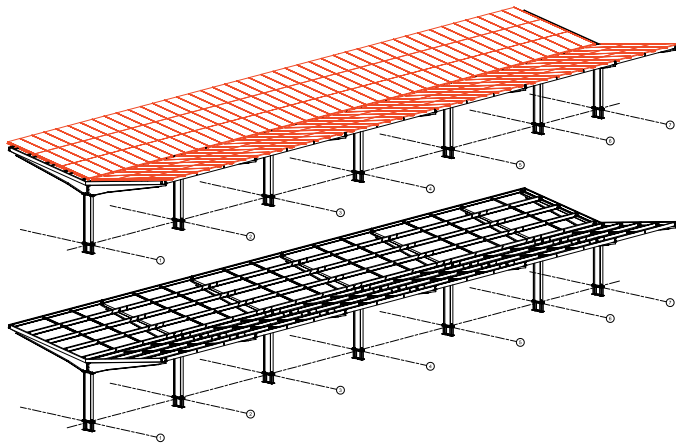
WHAT IS THE SOLAR CARPARK PROJECT?

Byron Shire Council resolved in 2017 to be 100% net zero emissions (or carbon neutral) by 2025 and to source 100% of its energy through renewable sources by 2027.

Tweed-based company, SAE Group, has been engaged by Council to construct a solar structure in the public carpark adjacent to the Council Administration Building located at 70 Station Street, Mullumbimby. The structure will be located at the southern end of the carpark and will cover approximately 40 parking spaces.

The solar PV system will provide around 20-25% of the Council's Administration Building's daily electricity consumption, which will assist Council to deliver on its aforementioned resolutions.

SOLAR CARPARK STRUCTURE DESIGN



Being installed at the same time and powered by the system, will be a public-use level 2 Electric Vehicle charging station.

SOLAR CARPARK LOCATION

Please note that throughout construction the southern entry to the car park will act as an EXIT ONLY, in order to allow for safe traffic flow. There will be clear signage signifying these changes at both entry/exit points to the car park.



CONSTRUCTION DATES AND STAGES

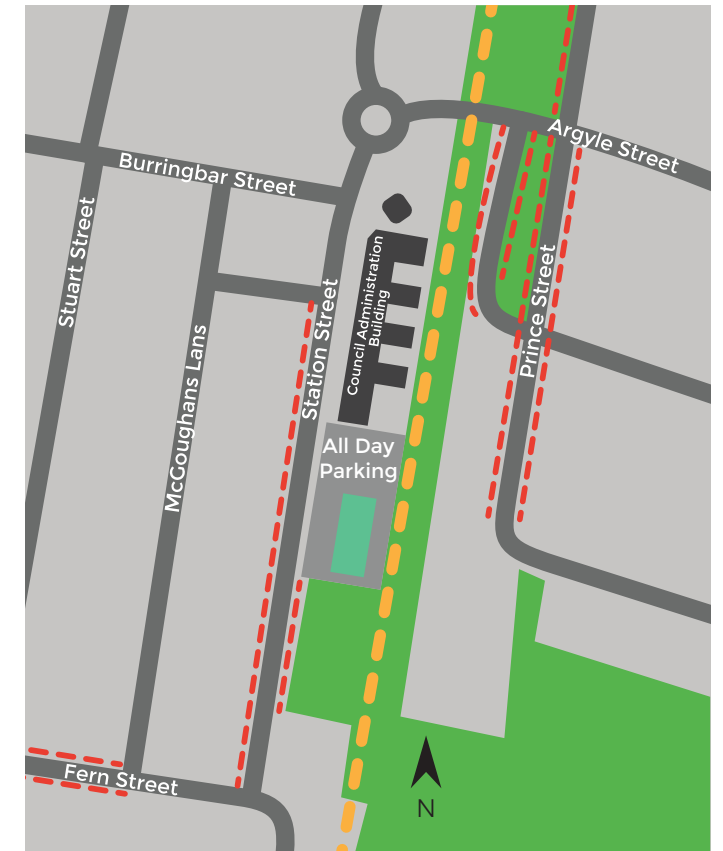
The construction of the solar car park will occur in three stages:

1. Minor preparatory civil works will commence within the first two weeks of July and have a medium impact on carpark availability.
2. The first major works stage will occur from 16th July to 22nd July 2019 and will include tarmac preparation and structure construction. This stage will have a medium impact on carpark availability.
3. The second stage of major works will last for approximately 3 weeks from 29th July to 15th August 2019 and will include solar fitting and connection. This stage will have the highest impact on carpark availability.

Construction will take place only during daylight hours on Monday-Saturday and every effort will be taken to minimise noise and disruption for local residents.

ALTERNATIVE ALL DAY PARKING

There will be approximately 50 parking spaces available over the major construction period. For alternative all-day parking locations, please refer to the map below.



- KEY**
- — — — — = Alternative Parking Areas
 - = Solar Carpark Structure