

BRISBANE AIRPORT ELECTRIC BUS CHARGING STATION

TIMING: EARLY APRIL TO LATE SEPTEMBER 2018
INVESTMENT: \$3 MILLION



FACT SHEET 1
MARCH 2018

Brisbane Airport Corporation (BAC) is investing \$3 million delivering a dedicated, purpose built facility for the parking, maintenance and charging of a new electric bus fleet.

BACKGROUND AND BENEFITS:

As part of an ongoing commitment to the environment and sustainability, BAC will operate a fleet of 11 electric buses for the landside transport operations within the airport precinct. The operation of the buses requires a dedicated base location both for maintenance and charging.

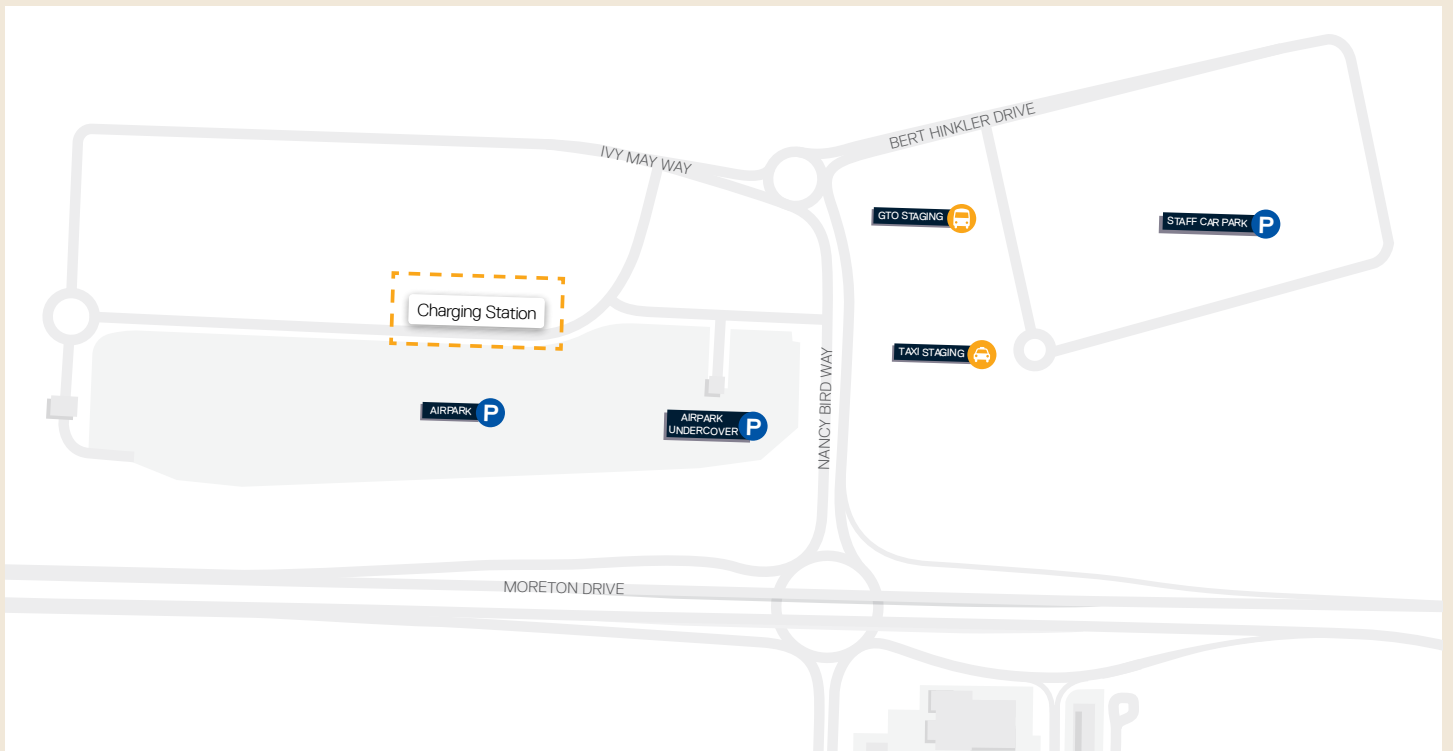
Work began off Ivy May Way, close to the existing AIRPARK, in March 2018 and when complete in September 2018 will deliver:

- ◆ New hard-stand bus parking facility
- ◆ Eight new electric bus charging stations
- ◆ New bus maintenance facility
- ◆ New bus cleaning facility
- ◆ New office building

Environmental benefits of the project include:

- ◆ 100 per cent electrically charged buses; zero tail pipe emissions
- ◆ Reduction of 250 tonnes of carbon emission each year, equivalent to taking 100 cars off the road
- ◆ Driving range of 600 kilometres on a single battery charge
- ◆ Reduced noise pollution
- ◆ 8000 litre rainwater tank at washing bay
- ◆ Engineered office building roof designed to maximise rainwater harvesting
- ◆ Engineering structural design to support solar generation equipment

About Brisbane Airport: Brisbane Airport is the third busiest airport in Australia operating 24 hours a day, seven days a week. It is Australia's largest capital city airport (by land size) and has two major terminals providing services to 32 airlines flying to 84 international and domestic destinations. In 2017 Brisbane Airport welcomed more than 23 million passengers through its facilities.



PROJECT STAGING:

The work will be carried out in two stages:

- ♦ **Stage 1:** March 2018 to May 2018: Delivery of a hard-stand to accommodate battery operated buses that will be charged and operated from the site. This includes eight electric bus chargers, bus parking bays, staff parking bays, power and site lighting.
- ♦ **Stage 2:** May 2018 to September 2018: Delivery of a building design that supports the operation, maintenance and management of the buses and staff. This includes staff offices and meeting rooms, bus maintenance workshop, high pressure washing bays, storage areas and electric charging station.



CHANGES TO NOTE:

- ♦ More construction traffic on AIRPARK slip-roads, Ivy May Way and Nancy Bird Way
- ♦ More construction workers on site

OPERATIONS MANAGEMENT:

- ♦ Site access will be off Ivy May Way
- ♦ Traffic will be monitored throughout the works
- ♦ Traffic management plans will be in place throughout the works
- ♦ Regular Project Updates are planned to keep stakeholders informed