



BRISBANE AIRPORT SOLAR UPGRADE

TIMING: EARLY APRIL 2018
INVESTMENT: \$11 MILLION **JOBS:** 40+



PROJECT UPDATE
SEPTEMBER 2018

Brisbane Airport Corporation (BAC) is investing \$11 million in a major renewable energy Solar Photo Voltic (PV) project across six sites at Brisbane Airport.

BACKGROUND AND BENEFITS:

Work began in early April 2018, and when complete will deliver:

- ♦ 20,000 new Solar PV panels, generating 6 Megawatts (MWp) of renewable energy per year.
- ♦ The largest single rooftop solar panel installation at an Australian airport (6,545 panels over 24,000 square metres at the International Terminal).
- ♦ Once fully operational, this system will account for 18 per cent of BAC's direct electricity consumption or 6 per cent of the total airport consumption.
- ♦ Reduced carbon emissions by an estimated 8,000 tonne of CO₂ per year, equivalent to 750 average households.



Pictured: Solar roof panels installed at Skygate, 11 The Circuit.



Pictured: Solar roof panels installed at Domestic Terminal P1 Multi-Level Car Park.



PROJECT STAGING:

Work will take place at six different locations on airport:

- **Stage 1:** Early April 2018 to mid-May 2018 – installation of 700 solar roof panels generating 0.2MWp at Skygate, 11 The Circuit.
- **Stage 2:** Early April 2018 to mid-May 2018 – installation of 700 solar roof panels generating 0.2MWp at Department of Home Affairs, 20-22 The Circuit.
- **Stage 3:** Mid-July 2018 to late September 2018 – installation of 3,500 solar roof panels generating 1.03MWp at Domestic Terminal P1 Multi-Level Car Park.
- **Stage 4:** Mid-July 2018 to mid-October 2018 – installation of 3,400 solar roof panels generating 1.51MWp at Domestic Terminal P2 Multi-Level Car Park.
- **Stage 5:** Early May 2018 to mid-October 2018 – installation of 6,545 solar roof panels generating 1.8MWp at the International Terminal.
- **Stage 6:** Early June 2018 to December 2018 – installation of 4,000 solar ground panels generating 1.01MWp at Pandanus Avenue, Brisbane Airport.