

## Building overview

|                                   |   |
|-----------------------------------|---|
| <b>Building Name:</b>             | Wollongong City Council Administration Building and Library |
| <b>Address:</b>                   | 41 Burelli Street Wollongong NSW 2500                       |
| <b>Building Owner:</b>            | Wollongong City Council                                     |
| <b>Gross Floor Area:</b>          | 20,801m <sup>2</sup>  |
| <b>Net Lettable Area:</b>         | 11,262m <sup>2</sup>  |
| <b>Number of Storeys:</b>         | 13  |
| <b>Car Parking Area:</b>          | 4,698m <sup>2</sup>   |
| <b>Number of Car Park Spaces:</b> | 255   |
| <b>Year of occupation:</b>        | 1987  |

## Green Star Performance Project Team

|   |                |
|---|----------------|
| <b>Project lead and Green Star Accredited Professional:</b> | Dr Carl Hopley |
| <b>Building Facility Manager:</b>                           | David Peterson |

Wollongong City Council's Administration Building houses more than 600 staff and is now 32-years-old.

The Central library is situated within the Administration Building and is visited by more than 265,000 people each year. While 2000 residents visit the ground level customer service centre each year.

Over the past 15 years Council has progressively upgraded the building. As a result, Council achieved Australia's first 5 Star Green Star Performance rating from the Green Building Council of Australia in 2015.

The building has been recertified and is now a 6 Star Green Star Performance rated Building with a score of 83, the 6th highest score achieved to date.

The rating represents world leadership.

## Building efficiency upgrades

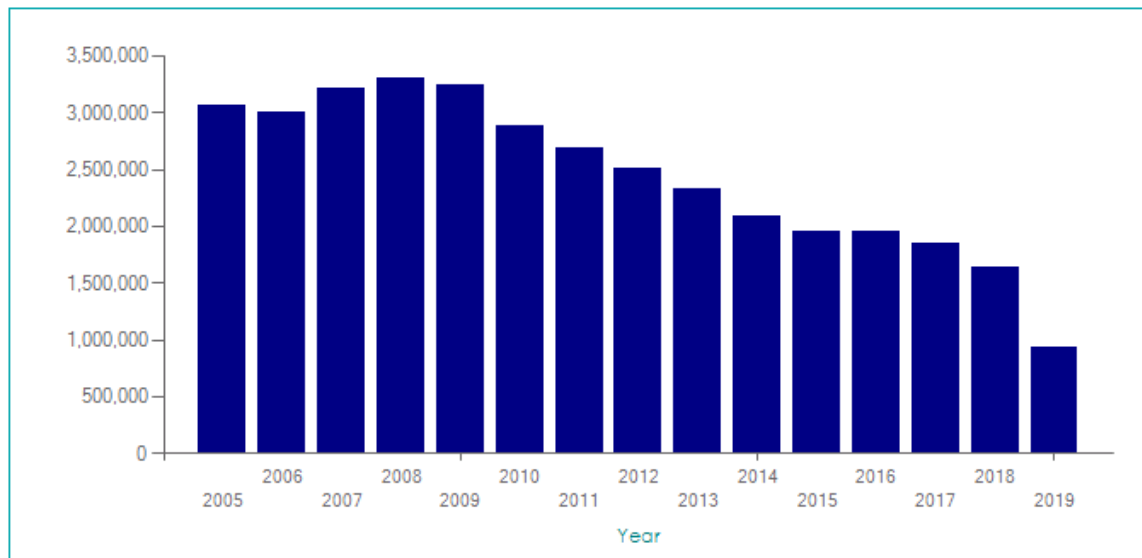
### Energy efficiency actions

| What  | Financial Year |
|---|----------------|
| Power Factor Correction on mains supplies and distribution boards   | 2003-04        |
| Remote monitoring- EP&T Edge System                                 | 2005-06        |
| Tinting of foyer glass  | 2006-07        |
| Heat reflective Verosol blinds                                      | 2007-08        |
| lighting upgrade T8 to T5   | 2008-09        |
| Hot water system upgrade-heat pumps                                 | 2008-09        |
| VSD on all HVAC plant   | 2009-10        |
| HVAC upgrade-Powerpax chillers                                      | 2009-10        |
| Floor A/C ducting insulated - Section J                             | 2009-10        |
| BMCS upgrade: Note ongoing tuning                                   | 2009-10        |
| Upgrade of Council chamber lighting system                          | 2010-11        |
| Sensor controls to amenities and meeting room lighting              | 2010-11        |
| Lift upgrade  | 2011-12        |
| Emergency Light upgrades for stairwells                             | 2013-14        |
| Carpark lighting upgrade  | 2013-14        |
| Concept and detailed design of smart lighting solution for building | 2014-15        |
| Building IQ Interphase with BMCS                                    | 2014-15        |
| LED light upgrade with organic response control system              | 2017-18        |

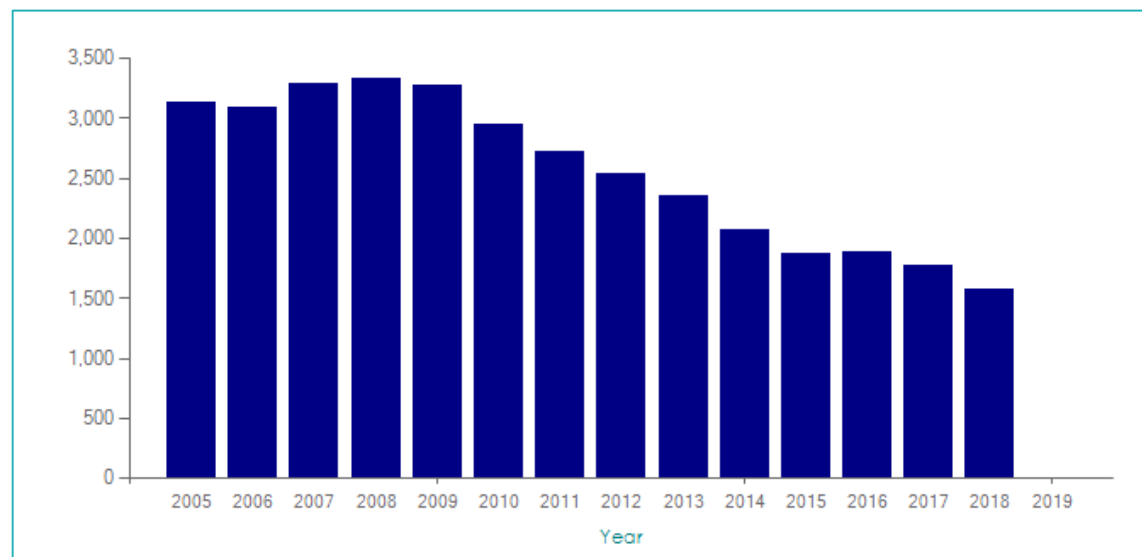
### Water efficiency actions

| What  | Financial Year |
|---|----------------|
| Remote monitoring- EP&T Edge System   | 2005-06        |
| Tap aerators  | 2005-06        |
| 30 kL rainwater harvesting connected to urinal and toilet pan supply            | 2006-07        |
| Sensor taps ground floor  | 2008-09        |
| Desert cube waterless urinal conversion   | 2009-10        |
| Sensor cisterns   | 2010-11        |
| 40 kL additional rainwater harvesting connected to urinal and toilet pan supply | 2012-13        |
| Fire service test capture system  | 2013-14        |

## Electricity Consumption (kWh)



## Emissions data T of CO2-e





This is to confirm that

Wollongong City Council  
Administration Building Recertification

has been awarded a

**6 Star Green Star rating**

representing World Leadership  
in building operations.

**Certified in June 2019**

**Valid until July 2022.\***

green building council australia

**6** green star

Performance v1.2 2019



World Leadership

## Green Star Category Achievements

Total number of  
points awarded

**83/100\*\***



Management

**16 / 17**



Indoor Environment Quality

**14 / 18**



Energy

**16 / 24**



Transport

**03 / 07**



Water

**9.5 / 12**



Materials

**07 / 10**



Land Use & Ecology

**02 / 06**



Emissions

**06 / 06**



Innovation

**09**

\*Subject to annual checks. Recertification prior to the expiration date is required to maintain Green Star certification.

\*\* The total number of points awarded is expressed as a percentage of points available.

Performance  
Period assessed:  
Primary

July 2017  
to  
June 2018



Developed by the  
Green Building Council of Australia