

PUBLIC LIGHTING FAQs**1 Why replace street lights across City of Campbelltown?**

Street Lighting is necessary but very expensive to run and they account for approximately 30% of our greenhouse gas emissions. The transition to LED street lighting technology will significantly reduce the council's energy consumption and maintenance costs per annum and provide an overall improvement to our street lighting network. The expected annualised savings to Council, is approximately \$264,000 per annum once fully installed. There will also be an anticipated annual reduction of 745 tonnes of greenhouse emissions (tCO₂-e) once fully implemented.

**2 How does new LED lighting compare to the old technology lighting?**

The new lights being installed will be 82% more energy efficient than existing mercury vapour lamps, require less maintenance and generate a warm to white light (around 4000 Kelvin). The white light generated from LEDs will vary from some existing street lights which can appear yellow (high pressure sodium) and amber (low pressure sodium). Another advantage of LED lights being installed will be less back spill into properties due to improved optics. Although street lights may appear to be brighter (as they are newly installed lights) they will be more efficient in spreading light more evenly along and across footpaths and roads. Visibility along the street will also be improved and look more natural.

3 Purpose of public street lighting?

Street lighting is important for pedestrian, vehicle and general public safety. Street lighting improves road user safety at night by illuminating roads and footpaths. Street lighting makes it easier for people to drive or walk along streets at night.

Please note: Street Lighting is not designed to identify private property locations or provide security lighting, in both metropolitan and rural areas. Street lighting is designed to light our streets and pedestrian walkways only and provide a level of security to these areas.

4 Who is completing the changeover to LED street lights?

The changeover to LED lights is being undertaken by Enerven, a subsidiary company owned by SA Power Networks.

5 Who owns and manages street lights?

As part of this project, Council will own the new luminaire, however the lights will be operated and maintained by SA Power Networks. The City of Campbelltown will pay for depreciation of the new luminaire, the electricity used by public street lights (payment made to an energy retailer separately) and the operation and maintenance of street light infrastructure (payment made to SA Power Networks via lighting tariffs).

6 Which street lights are being replaced?

Enerven will progressively be replacing older lights (predominantly 80W Mercury Vapour lights) on residential streets across the City of Campbelltown with 14W LED's (Figure 1). There are larger lights classified as 'Vehicular (V) road lights' that are used on major roads, intersections and at traffic control devices, however, energy efficient alternatives are not yet feasible for replacement of these lights, hence are not being included as part of this project.

7 What lights will not be changed?

This project will only focus on the changeover of the 'P' category street lights in local streets. Main road, decorative and public reserve/sporting street lights will not be changed as part of the initial project.

8 When does the project take place?

Enerven crews will be changing lights from August to October 2018 across the City of Campbelltown. If you would like to find out which suburbs Enerven are currently working in, and which suburbs are upcoming, please download the [Project Progress Report here](#).

9 Can residents request additional street lights?

Council is currently focussing on replacing existing lights only, however, residents can request to have additional lights installed. Enerven will assess requests for additional street lighting against the requirements within the Australian Public Lighting Standards. New installations are prioritised on user volumes and are subject to Council's funding availability. Surrounding residents affected by the new light will need to be consulted to identify if additional lighting is also desired.

10 How do we report faults and enquiries?

To report a street light not working or operating during day light hours, you can visit the SAPN site and report the fault. In the first instance you can [contact SAPN](#), on 13 12 61, who will investigate resident requests.

11 What do I do if I have concerns about the new LED street lights?

In the first instance you can contact City of Campbelltown Customer Services Team on 8366 9222, who will take down your details and forward to SAPN / Enerven if the enquiry can't be resolved. Residents should remember that the new street lights being installed will result in less glare and back spill into properties due to improved optics. Where a resident can demonstrate that they are being significantly impacted on by light spill into their property from an adjacent street light, a solution will be investigated. In most cases the installation of a shield/visor/ shading device will only be considered where it does not reduce lighting levels below the relevant Australian Standards for the lighting for roads and public spaces (AS/NZS 1158). Where a shield/visor is assessed to be required, Council will give approval for Enerven to install one.

Figure 1. Project zones 1-8 for Bulk Replacement of Public Street Lights to LED.

