

STREET LIGHTING CHANGEOVER PROGRAM

In 2021 the City of Greater Geelong is taking a positive step against climate change and is reducing operating and living costs by replacing its residential street lighting to energy efficient street lighting.

Roughly 15,000 existing 80-Watt mercury vapour streetlights will be replaced with energy efficient LED luminaires, including new smart PE cells, which are roughly 85% more energy efficient.

The Street Lighting Changeover Program is one of the largest street light upgrade programs in Victoria. The rollout of the first stage will begin in March 2021 and run for about a year.

The rollout is the first part of an overall project that will convert all of Greater Geelong's 25,000-plus streetlights to LED. Lighting works on main roads will begin once the residential lighting installation is completed.

Powercor will be managing and performing the residential lighting installation for the City of Greater Geelong with field work being completed by contractor Lendlease.

Works on the residential lighting installation will be completed in stages, broken down into local areas as per the below.

Area 1 - Lovely Banks, Batesford, Anakie, Moorabool, Lara, Avalon, Point Wilson, Corio, Norlane, North Shore.

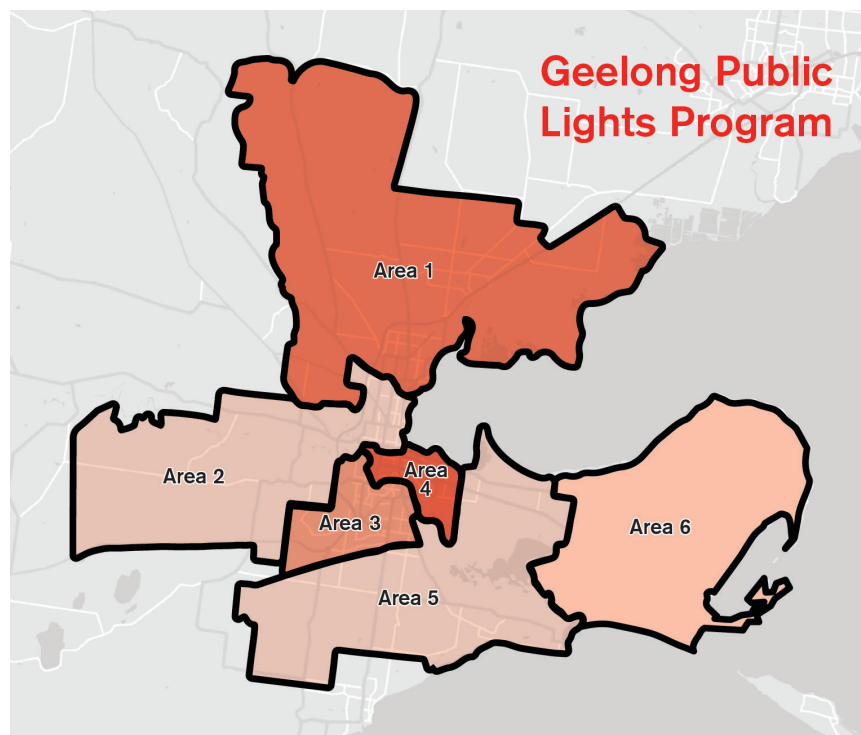
Area 2 - North Geelong, Hamlyn Heights, Bell Park, Bell Post Hill, Rippleside, Drumcondra, Geelong West, Manifold Heights, Herne Hill, Fyansford, Murgheboluc, Stonehaven, Barrabool, Ceres, Gnarwarre.

Area 3 - Belmont, Grovedale, Highton, Waurnd Ponds, Wandana Heights, Marshall.

Area 4 - Geelong City Centre, Newcomb, East Geelong, Breakwater, Saint Albans Park, Whittington, Thomson, Newtown, South Geelong.

Area 5 - Leopold, Moolap, Connewarre, Barwon Heads, Breamlea, Armstrong Creek, Mount Duneed, Charlemont, Freshwater Creek.

Area 6 - Portarlington, Saint Leonards, Indented Head, Bellarine, Drysdale, Clifton Springs, Curlewis, Wallington, Marcus Hill, Mannerim, Ocean Grove, Queenscliff, Point Lonsdale, Swan Bay.



When will the works be taking place?

Residential lighting will be converted from March 2021 until around March 2022. Main road lighting works will commence after the completion of residential lighting.

How will the works affect my street on the day?

The changeover of a streetlight involves a single elevated work platform with two to three crew members. It takes less than 5 minutes to replace a streetlight, so any disruptions to traffic flow in your street should not last long. Resident's cars can remain parked on streets. Each light will take around 10 to 15 minutes from when the crew arrives up to when it moves to the next light.

Who actually owns the lights?

The lights are owned and maintained by energy distribution company Powercor.

Who is installing the new lights and removing the old ones?

Powercor's subcontractor Lendlease will install and remove the lights. They will be liaising with Council throughout the project.

Why did Council choose these particular lights?

The lighting system was selected following a tender process and has been approved by distribution business Powercor, the distribution company that owns the lighting infrastructure. The lights have been tested to ensure they meet relevant Australian Standards in regard to safety and light levels. Trial results throughout Victoria have demonstrated that they have superior performance to the existing lights.

The new lights have:

- Greater uniformity of light across and along the street.
- Better "colour rendering" and visibility; and
- Less depreciation of the light output over time.

Who makes the lights?

The lights are made by Sylvania Schreder. They are assembled in Australia.

How long do the lights last?

The luminaire (the main body of the light including the LED light source) will last about 20 years. The poles last around 35 years.

Are the old lights recycled?

Yes. The recycling of old lights that are taken down during a bulk change is the responsibility of the installer. The tender for installation of the lights specified waste disposal requirements, which include the recycling of around 98% of the old lights.

For example:

- The glass collected is recycled into products such as glass wool insulation for homes.
- The mercury is distilled and reused in the dental industry to manufacture amalgam.
- The aluminium body is collected and end up as ingots used in industry.

Who do I contact if I have any further enquiries about the works?

For further information contact the City of Greater Geelong via phone: **(03) 5272 5272** or email: contactus@geelongcity.vic.gov.au