

State Underground Power Program Round Six

Project Start-up Newsletter

Menora Underground Power Project

**PLEASE RETAIN THIS NEWSLETTER FOR FUTURE REFERENCE UNTIL THE WORKS ARE COMPLETE.
IT CONTAINS IMPORTANT DETAILS AND CONTACT INFORMATION.**



Menora Underground Power Project

Start-up newsletter January 2019

Project announcement

In August 2016, the State Underground Power Program (SUPP) Steering Committee advised the **City of Stirling** that **Menora** had successfully met the state government's initial selection criteria for Round Six of the SUPP and would, therefore, proceed to a formal public consultation in order to determine the level of community support for acceptance into the program. The Minister for Energy announced in late-January 2017 that 17 project areas within the Perth metropolitan area had been selected to progress to the next stage of Round Six, **Menora** being one of the 17.

On behalf of Western Power and the state government, the City of Stirling is pleased to announce construction work will commence around February 2019 in the Menora project area.

The State Underground Power Program – Menora Project is jointly funded by the State Government of Western Australia, Western Power and the City of Stirling aimed at improving the residential streetscapes and security of power supply.

Project schedule

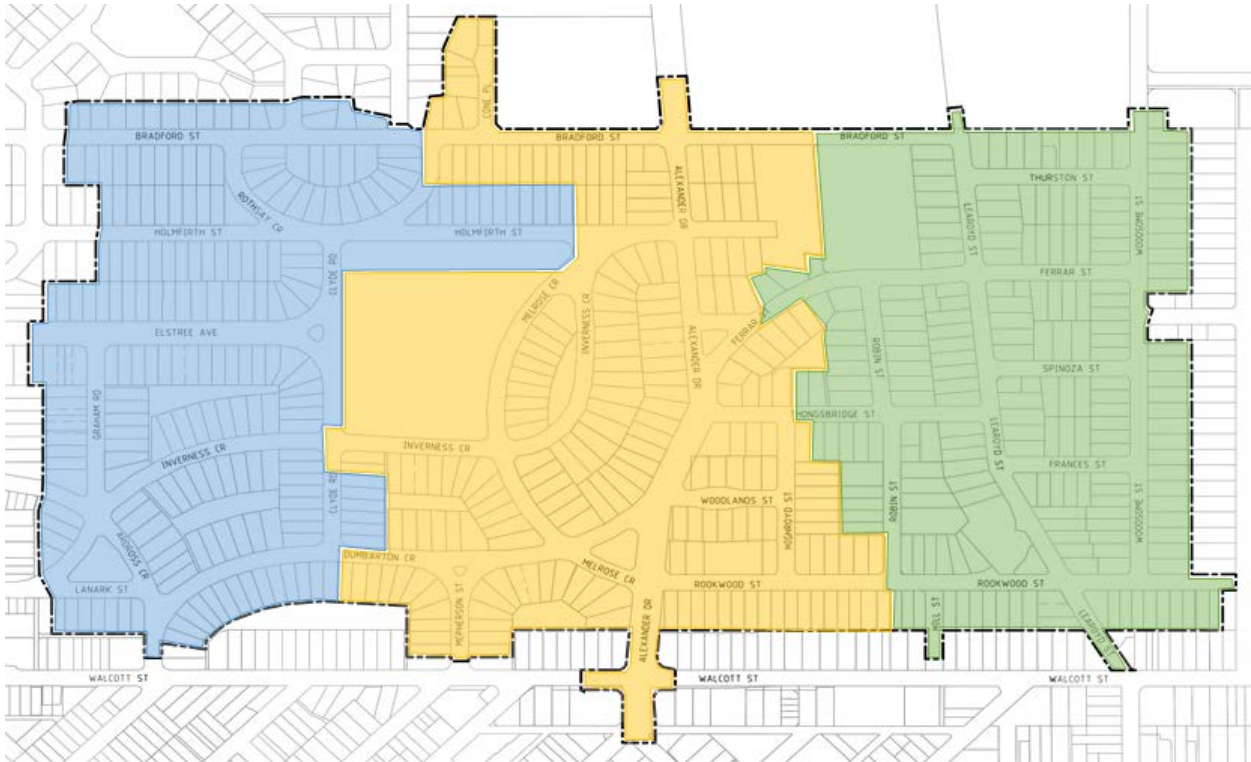
The works to underground the power supply to the areas of the Menora project, shown on the included map, will commence in February 2019. The project will be split up into three zones for construction purposes, as shown on the map, commencing in Zone One. The works will proceed in sequence by zone, throughout the project, to minimise the impact on residents and enable the reinstatement of verges and properties efficiently. The anticipated timetable for each zone is referenced on the project timetable, included with the map overleaf.

The project will run for a duration of approximately 13 months, with a planned completion in the first quarter of 2020. Please note these dates are indicative only.

Technical constraints may require changes to some dates as the project proceeds and you will be advised of these if necessary.



Zone Map and Dates



Menora Project	Indicative Start Date	Indicative Completion Date
Zone 1	February 19	September 19
Zone 2	March 19	October 19
Zone 3	July 19	February 20
Project Completion		February 20



COMMUNICATION THROUGHOUT THE PROJECT

Western Power's contractor will be delivering a series of advices and notifications to each property as the various stages of the work progress. Each advice will have information regarding the work and the contractor's phone number so queries can be dealt with efficiently. In addition to this newsletter, there will be further quarterly newsletters and project milestone updates posted on the following websites:

www.westernpower.com.au/community/work-in-your-area/underground-power/

www.stirling.wa.gov.au/your-city/projects-and-initiatives/state-government-projects

Although this start-up newsletter is being mailed out, all future newsletters will only be posted on the City's website. Should you not have access to the internet and wish to receive a hard copy, you can request this by writing to the City's mailing address (refer to contact details below).

Stage One - Property service installation

A new underground cable will be installed from the front boundary connection pillar to the meter box of each property that presently has an overhead connection. A property service installation advice will be delivered to the property a few days beforehand and the work should only take a day or two.

Stage Two - Street services installation

Power cables will be installed under the verge in each street using directional drilling to minimise impact. A number of holes are necessary for the drilling process, cable jointing and the connection of pillars to the system. Most street services work, including verge reinstatements, should be completed within 21 days, however work may take longer near equipment cabinets or on street corners. Occupiers will be advised of any restrictions on access to their properties or any necessary street closures. A street services installation advice will be delivered to the property a few days before this work commences.

Stage Three – Changeovers

Once the property and street services installations in your zone have been completed, changeover from the existing overhead to the new underground system will take place. Occupiers will be notified a few days beforehand with details of the process.

Stage Four – Removal of overhead poles and wires

This will take place after all properties served by an overhead circuit have been changed over. Please be aware that some poles and wires may need to remain longer as they are supplying other streets yet to be changed over.



Completion of cable installation work

After the cable installation work has been completed, a completion advice (cable installation) will be delivered to each property. The completion advice will confirm that the work is complete in and around the property.

Streetlights

The City is pleased to advise that the new streetlighting will utilise modern LED luminaires wherever possible. These are designed to maximise efficiency and minimise unwanted glare, generally located close to the edge of the roadway. Typically streetlights will be located on the extensions of side boundaries, though as they are no longer constrained by the overhead power poles, they may be on the opposite side of the road. The new layout is designed to optimise the level of illumination and to conform to the current Australian Standard. The new streetlights will be installed and switched on in stages as the new circuits are energised, though some lights that conflict with the old overhead system may not be installed until it has been removed.

Connection pillars

Green connection pillars are installed as part of the street services work. Connection pillars are located just inside the front boundary of private property. Wherever possible, they are installed in the front corner of every second property to serve two properties or more. The locations of the connection pillars are the most appropriate in terms of the existing infrastructure and practical installation of the property service.

Approximately 10 per cent of the connection pillars are universal pillars which are larger as they contain circuit control equipment. The system designers have determined their locations, as they are essential for the management of the circuitry in the area.

Project reinstatements and repairs

These works are a major civil/electrical project and, even with the non-invasive methods used, some verge and front garden disruption will occur. To assist the reinstatement process, the condition of all verges and work areas will be recorded prior to work commencing.

Property owners/occupiers should direct any concerns or requests to the contractor, as they are responsible for all reinstatements and repairs. The various advices delivered during the project will contain the contractor's contact details.

Property owners/occupiers will not be reimbursed for work competed by any other party, to reinstate or repair damage caused by the contractor during the work, without the contractor's prior authorisation. Property owners/occupiers are encouraged to carry out minor reinstatements or repairs if they wish at their own cost. The contractors reserve the right to charge for time taken to investigate complaints that are unrelated to the underground power works.



Project contact details

For all construction enquiries contact:

Mainswest

Customer service - T 08 9303 1540

For all project enquiries contact:

Western Power

Customer service - 13 10 87

www.westernpower.com.au/community/work-in-your-area/underground-power/

Email - enquiries@westernpower.com.au

For all underground power rate notice finance enquiries:

City of Stirling

Customer Service - 08 9205 8555

Email – stirling@stirling.wa.gov.au

Mailing Address:

City of Stirling
Administration Centre
25 Cedric Street
STIRLING WA 6021

This project will greatly improve the overall amenity of the area and bring significant benefits in terms of safety, security and continuity of supply. We assure you of our commitment to carry out the work with as little impact on property and occupiers as possible, and ask for your cooperation and tolerance.



PROJECT FAQ

Will the underground power go all the way to my meter box?

Yes. The contractor carrying out the project work will install a new underground cable (private underground cable) within each property and connect it to the meter box. The property owner becomes the owner of the private underground cable from the point that it leaves the pillar and is responsible for any future repair or relocation if required. The contractor will attach an illustration showing the route of this cable inside the meter box.

How is the cable installed from the property boundary to my meter box?

The cable is installed using underground drilling technology to minimise the impact on front gardens. It usually runs from where the connection pillar is to be installed to the nearest point of the building, either inside the cavity or externally to the roof space. The cable runs through the roof space, down to the rear of the meter panel. Both ends of the cable remain unconnected until changeover to the new underground network takes place.

Will I have to re-wire my house if I have an older house?

No. Inspections of existing wiring within existing properties will not be carried out as part of the project. If during the connection process it is observed that any existing wiring is in a dangerous or unstable condition, the property owner will be notified and a report made to the appropriate electrical safety authority.

Do I have to call in an electrician?

No. All work connected with the project, both within the road reserve and within each private property, will be carried out by the contractor engaged to carry out the project.

Will I get a new electricity meter?

No. Power will be supplied to the existing meter via underground cable. Unless the meter is identified during the connection process as malfunctioning, it will not be replaced as part of the project.

Will the contractor need to access inside my property boundary as part of these works?

Access inside the boundary will be required once to install an underground cable from the boundary to the meter board, and a second time to change over the property to the new underground network. Please note, if you have an existing pillar (green dome) and underground cable already installed we will still need to access your pillar for associated works.

Will I be able to access my property at all times during these works?

Yes, access will be maintained for property owners.

Will my power supply be interrupted during the project?

Yes. There will be a short period of outage when a property is converted from overhead supply to underground supply. Generally, two to three hours is allowed for the changeover, however the actual



outage is quite often much shorter than that. Each property owner will be notified a few days in advance when the changeover outage is planned.

What if need power on constantly because of a medical condition?

Any property where a person resides who is registered as having a medical condition which necessitates constant power supply will be given special consideration when the changeover is programmed. The affected resident or his/her carer will be contacted so that arrangements can be made to carry out the changeover without risk to the affected person's health or welfare.

Will the entire street be closed off during these works or just the area of immediate works?

In most cases, only the area of immediate works will be affected. Traffic management will be in place where work is being carried out and occupiers will be advised of any restrictions on access to their properties or street closures associated with the work.

Will the new streetlights go in the same positions as the old streetlights?

No. Street lighting will be designed in accordance with the current Australian Standard. In order to meet that standard, new light poles will be positioned and spaced appropriately. Positioning of new streetlight poles will be determined during the design stage, taking into account the location of existing infrastructure and street trees within the road reserve.

When will the old poles and wires be taken away?

This will be the very last part of the project. The old poles and wires will be taken away after all properties have been connected to the underground supply and all testing and commissioning has been carried out satisfactorily. There may be a short period of time where the old streetlights are not working and the new streetlights are also not operational. Alternatively, there may also be a short period of overlap where both the old streetlights and the new streetlights are operational.

What will happen if my property, verge or footpath at the front of my property is damaged as part of these works?

All street verges are video recorded before any work commences as a complete record of original conditions. Affected verges and footpaths will be reinstated to a condition as close as possible to that which existed prior to works commencing.

How will this work be carried out?

Western Power's contractor will deliver an installation advice notice a few days before their work commences. They will begin by locating existing underground services in preparation for trenching and horizontal drilling of verges to install the new cables.

Excavation works may occur on the verge in front of your property. We will endeavour to minimise damage to footpaths, reticulation and crossovers wherever possible, while keeping disruptions to a minimum. All work excavations, extruding cables and conduits will have bunting or fencing around them to ensure the safety of local residents.

