



City of  
**Melville**



Government of Western Australia  
Office of Energy

# Underground Power Program

## Attadale South Project Newsletter July 2010

### A Message From The Mayor

I am delighted that Attadale South residents will now receive underground power as part of round four of the Underground Power Program.

The State Government through the Office of Energy has agreed to proceed with the Attadale South project following a positive response to the August 2009 survey of property owners in the project area.

There are practical, aesthetic and increased safety benefits resulting from the undergrounding of the overhead power supply. These benefits are already being enjoyed by City of Melville residents in Applecross, Mount Pleasant and sections of Bickton and Booragoon that have previously received underground power.

The City of Melville is very supportive of underground power and its benefits which include more reliable power supplies, streetscape enhancements and a safer and more secure environment resulting from improved street lighting.

In this newsletter you will find information on the Attadale South Project and also the funding arrangements for cost recovery from property owners in the project.

We look forward to the successful implementation of underground power in Attadale South and thank you in advance for your patience and understanding while the works are in progress.

Mayor Russell Aubrey  
City of Melville



before

# Introduction

The Underground Power Program in Attadale South is a partnership between the State Government (through the Office of Energy), Western Power and the City of Melville, to improve residential amenity and security of power supply.

The works to underground the power supply to the areas of Attadale shown on the attached map, will commence in July 2010. The work will proceed continuously through the project area to minimise the impact on occupiers and enable the re-instatement of verges and property as quickly as possible.

The anticipated timetable for each stage of the work is shown in the table on the back page of this brochure.

## Information About The Project

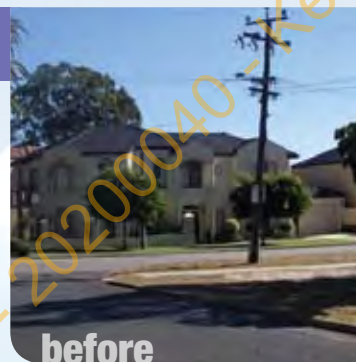
There will be a series of **Advices** delivered to each property as the various stages of the work commence. Each **Advice** will have information about the work and the contractor's phone number so queries can be dealt with quickly. In addition to this **Newsletter**, there will be updates in local newspapers and a **Changeover Newsletter** delivered to all Property Owners and Occupiers shortly before changeovers take place with details of changeover, street light installation and demolition of the existing overhead system. It is important that you read the information provided to understand how the work will be done and who to contact if you have any queries about the work.

## Payment Options

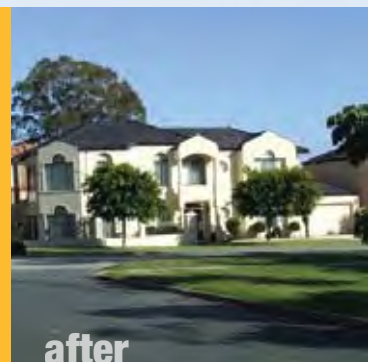
The cost to property owners will be included with the 2010/2011 rate notices along with various payment options. Rebates may be available for pensioners and seniors. The cost of the project will be charged over the 2010/2011 and 2011/2012 financial years, to more closely align with the project timetable and will be itemised on the rate notices for those years. This, and the availability of payment arrangements where required, should assist ratepayers in the repayment.

## Property Service Installation

A new underground cable will be installed from the front boundary to the metre 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. 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, up in the cavity or externally to the roof space, across the ceiling, then down to the rear of the metre panel. Both ends of the cable remain unconnected until changeover takes place.



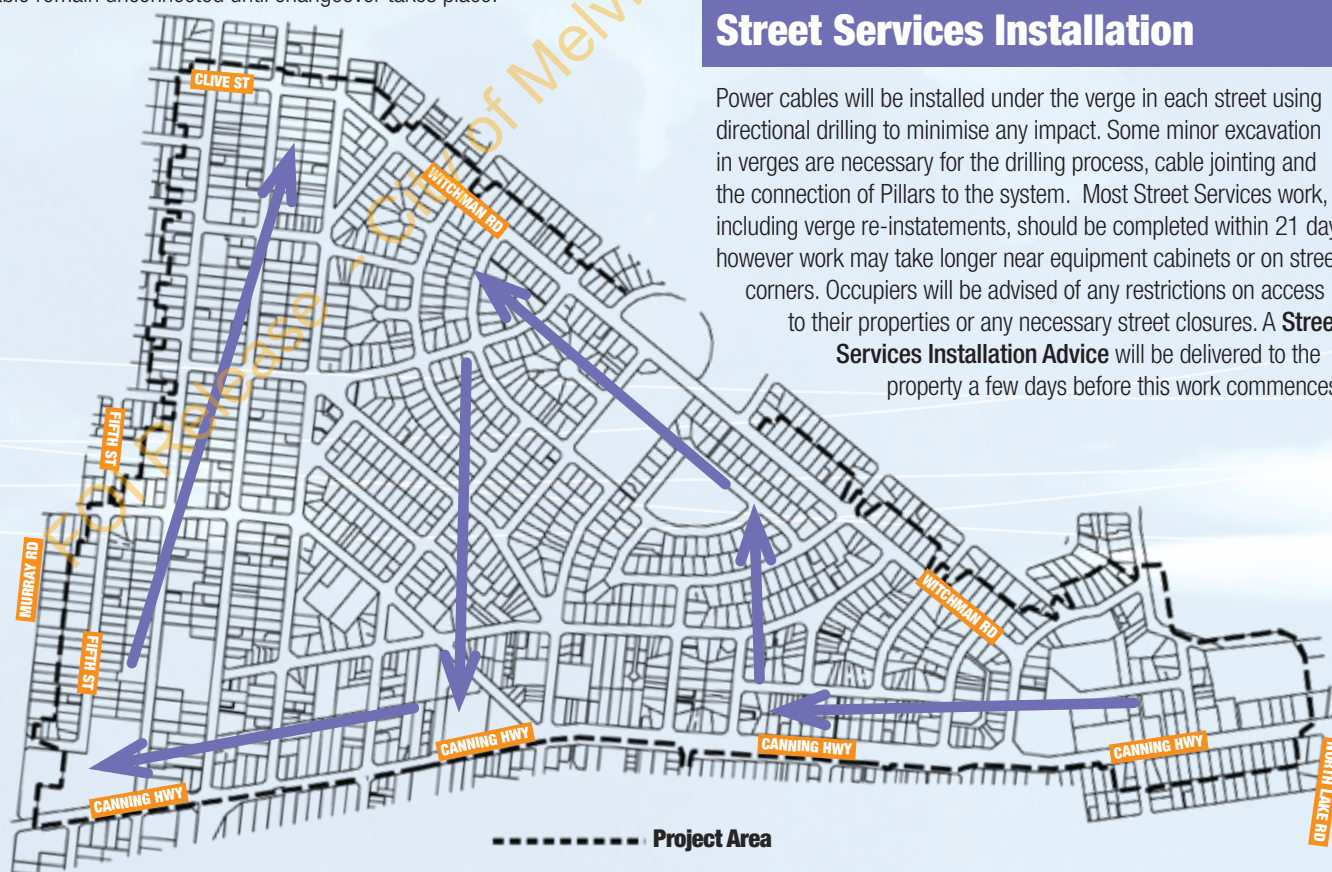
before



after

## Street Services Installation

Power cables will be installed under the verge in each street using directional drilling to minimise any impact. Some minor excavation in verges are necessary for the drilling process, cable jointing and the connection of Pillars to the system. Most Street Services work, including verge re-instatements, 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.



**Underground Power Program**  
Attadale South Project Area Work Flow





## Connection Pillars

These will be either a green mini pillar or a slightly larger universal pillar and they are installed as part of the Street Services work. Each Connection Pillar must be located just inside the front boundary of private property, usually in a front corner, and in every second property wherever possible so it can serve two properties. The locations of all the Connection Pillars are the most appropriate in terms of the existing infrastructure and ease of installation of the Property Service.

Approximately 10% of the connection pillars are universal pillars and form an integral part of the system.

## Completion of Cable Installation Work

After the cable installation work has been completed, a **Completion Advice (Cable Installation)** will be delivered to each property. It will confirm that the work is complete in and around the property. This advice will ask residents to check their reticulation systems and the area around the work and advise the relevant contractor of any repairs needed.

## Re-instatements and Repairs

This Project requires major civil works and even with the non-invasive methods used, some verge and front garden disruption will occur. To assist the process, all verges and work areas will be video taped before work commences.

Property Owners/Residents should direct any requests to the relevant contractor, as they are responsible for all re-instatements and repairs and have all the appropriate resources. The various **Advices** delivered during the project will contain the contractor's contact details. Property Owners/Residents can always contact Western Power or the City of Melville on the numbers listed below if they are not satisfied with the contractor's response.

Property Owners/Residents will not be reimbursed for work done by any other party to reinstate or repair damage caused by the contractor during the work without the contractor's prior authorisation. Property Owners/Residents are encouraged to carry out minor re-instatements or repairs if they wish, provided no reimbursement is sought. The contractors reserve the right to charge for time taken to investigate complaints that are subsequently shown to be clearly unrelated to the underground power work.

## Streetlights

The new lights are typically located one metre from the edge of the roadway and where possible are placed on the extensions of side boundaries of properties and are generally alternated to both sides of the road. Their locations are often very different to the old lights as the layout is designed to conform to the relevant Australian Standard. Queries relating to streetlight positions should be directed to the City of Melville. Most of the new lights will be erected and switched on in stages as the new circuits are energized. However it may be that some lights cannot be erected until the existing overhead system is removed.

## Decommissioning and Removal of The Overhead System.

This will take place after the properties connected to the overhead system have been changed to the new underground system. The timing of this will be dependant on power supply security and will occur in stages throughout the project.

## Transmission Lines

There are no Western Power transmission lines in the project area. All overhead wires and poles in the project area will be demolished.

## Anticipated Timetable

The work will commence in the vicinity of Burke Drive and Lentona Rd and proceed through the Project area in the direction shown on the map.

WORK STAGE	TIMING	
Property Service Installation .....	July 10	– July 11
Street Services Installation .....	July 10	– July 11
Street Light Installation .....	November 11	– December 11
Change over to Underground .....	December 10	– December 11
Removal of Overhead System .....	February 11	– December 11

The above dates are indicative only and intended as a guide to when the various work stages will occur. Technical constraints may require changes to some dates as the project proceeds and you will be advised of these if necessary.

For additional information about the Underground Power Program please go to <http://www.westernpower.com.au/networkprojects/undergroundPower/upp/UPP.html>

## Contact Details

**Western Power - Tony Moore or Stephen Phelan-Hollatz**  
**Ph: 9219 2004**

**[underground.power.program@westernpower.com.au](mailto:underground.power.program@westernpower.com.au)**

**City of Melville – Roy Bailey City of Melville**

**Ph: 9364 0674**

**[roy.roy@melville.nsw.gov.au](mailto:roy.roy@melville.nsw.gov.au)**

## Conclusion

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.

**PLEASE RETAIN THIS NEWSLETTER UNTIL  
THE WORKS ARE COMPLETE**

