

INSTALLATION OF UNDERGROUND POWER TO HOUSES

Many established suburbs within the City of Mandurah have an overhead mains electricity supply from street power poles to the individual houses.

A significant number of electricity supply failures occur due to deterioration of or damage to the overhead service mains that run from the street mains to the individual houses. The use of overhead service mains also restricts the type and height of vegetation that may be planted to the front of the property.

In all suburbs, individual property owners may request an underground installation or conversion. This is particularly encouraged where a new dwelling is to be erected. Western Power will install a service connection pillar on the street boundary. This pillar will receive a power supply (underground) via a cable from the nearest pole.

Within the nominated suburbs, the householder's subsidised contribution for this service is \$750 (this is about a quarter of the total estimated cost of installation). An underground service will be provided in the suburbs not listed, but will be at the full cost of installation and a quote must be requested. In addition to these costs, the resident will at their own expense be responsible for a qualified electrician to install the service cable between the service pillar and the house.

The advantages of converting to this system are:

1. Safety – Alleviates the need for tree pruning near to overhead cables and danger from fallen wires.
2. Less restrictions on the type and height of vegetation to the front of the property.

If overhead mains are eventually replaced by an underground system, it is likely that a different cost will be applied to properties with and without underground service, possibly

resulting in a lesser contribution being required if an underground service already exists at the time the street mains are placed underground.

The provision of an underground service is available at the subsidised rate of \$750.00, subject to a quote provided by Western Power, in the following suburbs within the City of Mandurah:

- | | |
|----------------|---------------|
| ⌘ Coodanup | ⌘ Dudley Park |
| ⌘ Erskine | ⌘ Greenfields |
| ⌘ Halls Head | ⌘ Madora |
| ⌘ Mandurah | ⌘ San Remo |
| ⌘ Silver Sands | ⌘ Wannanup |
| ⌘ Erskine | ⌘ Mandurah |
| ⌘ Greenfields | ⌘ San Remo |



It is not mandatory to convert from an overhead to an underground power service. However it is possible that at sometime in the future, the option to have an overhead service installed to a new dwelling in many areas may no longer be available.

Should you wish to obtain more information regarding this matter or should you wish to arrange an underground service connection please contact Western Power's Call Centre on 13 13 53.

For further information on this subject please contact the City's

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83 MANDURAH TERRACE

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For other brochures prepared by the City of Mandurah, please contact

INFORMATION SERVICES

UNDERGROUND POWER REQUIREMENTS



BUILDING SERVICES