



## Duct Reimbursement Rates

### *Issue*

This revision of Fact Sheet FS11 is to remove the requirement to provide a 50mm spare duct for street lighting. There are no changes to the ducts reimbursement rates.

Developers undertaking contestable works, provide electrical infrastructure and are at times required to provide spare ducts required as part of the scope of works and/or additional ducts required by Endeavour Energy for future use.

There are a number of different arrangements that have been established over time for the supply and reimbursement of ducts depending on the type of development work being undertaken.

This document describes the practices that are to apply to all applications received after 1 July 2017. This document supersedes the FS11 Fact Sheet published in June 2016.

### *Background*

As a requirement for any contestable underground construction works developers are required to install direct buried cables and provide spare ducts for Endeavour Energy as specified in MDI 0028.

The provision of cable ducts is considered to be part of the connection or relocation work in accordance with Endeavour Energy standards and the developers install these assets at no cost to Endeavour Energy.

In circumstances where Endeavour Energy requires the installation of ducts additional to those described above, Endeavour Energy will pay the developer a reimbursement. There are currently two circumstances leading to a payment of a reimbursement to developers for the installation of Endeavour Energy ducts. The two circumstances are:

- The first and most common case is in projects involving new underground work where Endeavour Energy requests that ducts be provided along the same route in addition to ducts that must be installed by the developer.

### **Duct Reimbursement Rates**

For example, a subdivision Developer is required to lay one street lighting cable, one low voltage cable and one high voltage cable and for the reticulation of their development.

Endeavour Energy MDI 0028 requires that the direct buried low voltage and high voltage cables and street lighting cable in a duct and provide a spare duct for both low voltage and high voltage free of charge to Endeavour Energy for maintenance purposes.

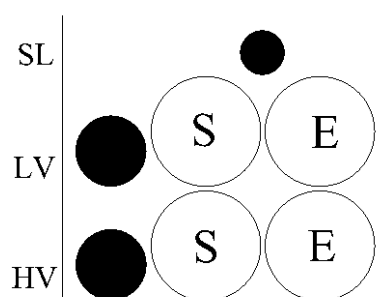
Therefore the Developer's requirement for providing supply to the subdivision would be to construct one street light cable in a 50mm duct, one low voltage cable direct buried with one spare LV 125mm duct and one HV cable direct buried with one spare HV 125mm duct.



## Duct Reimbursement Rates

In this example, Endeavour Energy after reviewing the design require for future shared network use one extra 125mm duct for HV and one extra 125mm duct for LV. So the duct and cable configuration in the trench would then be 1x50mm for the streetlight cable, 2x125mm LV ducts with one direct buried LV cable and 2X125mm HV ducts with one direct buried HV cable.

The cross section profile of the cable route is depicted below. The dark shaped circles are: street lighting, low voltage and high voltage cables assets funded by the Developer. The "S" indicates the appropriate free spare ducts funded by the Developer and the "E" indicates the additional ducts to be reimbursed by Endeavour Energy.



The cable route length is 100m. Endeavour Energy would then pay a reimbursement of \$4,600 being 2 times the route length of 125mm ducts times at the rate of \$23 per metre.

- The second case would arise in circumstances where the developer may not be required to lay cables or ducts along a particular route but Endeavour Energy has requested that ducts be installed whilst the area is being redeveloped rather than disturbing the surface at a later date. In this instance it is normal practice to request a quote for installation of the ducts from the developer prior to finalising the design certification and funding if the cost can be justified.

This, however, is cumbersome and has proven difficult to manage as developers are unable to provide accurate estimates at the time of design and quotations are often qualified with exceptions and actual costs can vary significantly and result in ongoing management of issues regarding the variations. These negotiations and seeking verification by others impacts on 14 day maximum certification targets.

Therefore Endeavour Energy has developed Greenfield schedule of reimbursement rates to be used as an offer during Design Certification stage to provide some certainty for both Developers and Endeavour Energy and simplify the process.



## Duct Reimbursement Rates

### Changes Effective for Designs Certified after 1 August 2014

The duct reimbursement rates have been changed as shown in the table below.

Duct	Current rate per metre
50mm	\$6
125mm	\$23

The practice requiring ducts to be laid along entire street boundaries (where not required for establishing supply) has been removed and any specific additional ducts required by Endeavour Energy will be reimbursed at standard rates consistent with all development types.

The following Greenfield schedule of rates are to be adopted for negotiating offers for ducts being laid specifically for Endeavour Energy's need and not being installed with other ducts or underground works required by a development.

Duct configuration required	Current rate per metre all inclusive
01	\$53
02	\$101
03	\$133
04	\$157
05	\$209
06	\$233
11	\$61
12	\$110
13	\$142
14	\$166
15	\$218
16	\$242
21	\$70
22	\$119
23	\$151
24	\$175
25	\$227
26	\$251

These prices do not include under road bores and other situations that must be assessed case by case basis.

The provision of ducts by Endeavour Energy in lieu of payment of a reimbursement will continue if requested by the Accredited Service Provider/Customer.

Ducts including spares required as part of the works are funded by the Developer. Endeavour Energy will pay reimbursements for any additional ducts for shared network



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use installed as part of the works at our standard rates \$23 per metre for 125mm ducts and \$6 per metre for 50mm ducts,

Greenfield rates will be paid for ducts being laid specifically for Endeavour Energy's need and not being installed with other ducts or underground works required by the development.

For asset relocations, "like for like" relocation has to be provided by the customer. Any additional requirements by Endeavour Energy will be reimbursed based on the above principle.

In cases where existing ducts belonging to Endeavour Energy are to be used to supply the development, the developer is to reimburse Endeavour Energy for the use of those ducts at the standard reimbursement rate of \$23 per metre for 125mm ducts and \$6 per metre for 50mm ducts.