



Underground Distribution Construction Policy Manual

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1 Scope

The purpose of this document is to define the policies governing the design and construction of underground electrical reticulation up to 11 kV within the ENERGEX distribution area. All work relating to the design, construction and auditing of these underground systems, which become part of the ENERGEX underground network, shall be performed in accordance with these policies.

This document makes reference to other publications, which form part of the detailed requirements to be met. It is the responsibility of the reader to verify that policies in this document are current. The most current version of this document is available on ENERGEX's Intranet site.

The ENERGEX Distribution Planning Officer or Subdivision Technical Officer must approve any deviations from policies in this document and related referenced material for application to a specific project.

2 Referenced Documents

The following reference documents form part of the requirements of underground design and construction and are referred to by this policy manual.

Reference Document	
WCS 2	Construction of the Underground Electricity Distribution System
WCS 61.1	Trenchless Technology Installation of Underground Infrastructure
WCS 31	Commissioning and Operation of the Distribution Network
WCS 34	Inspection, Testing, Installation and Maintenance of Network Earthing Systems
WCS 47.1	The Design of Estates
WCS 47.2	Consultancy Services for the Project Management of Estate Construction and Public Street Lighting Construction
WCS 47.3	Design of Rate 2 Public Lighting Installation
WCS 47.4	Planning and Design of the ENERGEX Electrical Distribution and Sub-transmission Networks
WCS 47.6	The Design of Large Customer Connections
WCS 61	Underground Infrastructure Civil Works
WCS 61.2	Construction of Concrete Pits for Underground Infrastructure
894	Design the Distribution Network
305	Underground Distribution Construction Manual
5318-A4	Underground Design Manual
796	Public Lighting Construction Manual
576	Public Lighting – Standard Condition for Public Lighting Services
767	Queensland Public Lighting Design Manual
796	Queensland Public Lightning Construction Manual
982	Subdivision Standards – Developer Design and Construct Estates
337	ENERGEX Safety Management System
1029	Working on Roadways
310	ENERGEX Environmental Management System: Environmental Standard
Form 01049	Subdivisions Electricity Supply Agreement
338	ENERGEX Safety Manual
297	Network Labelling & Signage Manual
295	Supply & Planning Manual
694	Standard Network Building Blocks - Feeders
693	Standard Network Building Blocks - Substations
758	Distribution Earthing Manual
AS 1345	Identification of the contents of pipes, conduits, and ducts
AS 1657	Fixed platforms, walkways, stairways and ladders – Design, construction and installation

