

ASP General Information

Electrical Safety & Authorisations



Alert Number: GI30_18

Subject: Ausgrid underground map symbology

16/11/2018

Dear ASPs

When requesting plans through the Dial Before You Dig (DBYD) service, Ausgrid's response will include detailed plans with links to Ausgrid's Network Standard NS 156 as well as Ausgrid's document "Reading Ausgrid Plans".

The "Reading Ausgrid Plans" document details the information that can be found on Ausgrid's DBYD plans and explains how to read and interpret this information. This document has been amended to include a legend of symbols for underground assets shown on Ausgrid plans, as per the examples below.

Object	Symbol	Object	Symbol	Object	Symbol
HV Cable	HV (High Voltage) 5kV-22kV In Service Out of Service	HV UG Joint	Straight Through, Parallel Branch or Tee	Auxiliary Fix	Pilot Window
	TR (Transmission) 33kV-330kV In Service Out of Service		Switchgear, End Box or Transition		Auxiliary Joint
LV Cable (Low Voltage)	Mains (Dark blue) In Service Out of Service In Service Risk	HV UG Termination	Sealed end	Auxiliary Termination	UGOH or Pole Termination
	Street Lighting (Green) Note: Mains Connector also used as Street Lighting (dark blue) In Service Out of Service		Pot End		Pilot
	Service (Light blue) In Service Out of Service In Service Risk	UGOH	Cable Pit (Can be various shapes)	Auxiliary	Distribution
	Unknown	5kV-330kV (HV & TR)		Distribution	
Auxiliary Cable	Data	LV UG Joint	Straight Through, Parallel Branch, Tee or Service	LV Pillar	Switch
	Comms		Network Box		SL Pillar
	Telco	LV UG Termination	Switchgear, End Box or Transition		SL Cubicle
	Protection		Sealed end		Fargo
	Fibre Optic	UGOH	Pot End		Private
Pilot		UGOH	LV Auxiliary Pillar		
				LV Link Box	2 Way & 4 Way

DBYD is a free service and should be used for the planning any underground works. DBYD plans must be onsite and valid before any underground excavation works can begin. Ensure you check the date on your DBYD plans prior to each day's work to ensure they are still valid.

Please note that Ausgrid's DBYD plans are only valid for 30 days however other utility DBYD plans have different valid periods.

Web Links

Reading Ausgrid Plans:

<https://www.ausgrid.com.au/-/media/Documents/Safety/Dial-before-you-dig/Reading-Ausgrid-Plans.pdf>

Dial Before You Dig:

<http://www.1100.com.au/>

Ausgrid

Project Officers