

# Electric Office (EO) Guide to Symbols



<b>REF-NET-COM-011</b>	<b>Electric Office (EO) Guide to Symbols</b>		<b>Applies to</b>	
			Distribution ✓	Transmission ✓
<b>Revision:</b> 1.00	<b>Classification:</b> Public	<b>Issue Date:</b> April 2021	<b>Review Date:</b> April 2025	

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## 1 Introduction

The purpose of this document is to improve the clarity of information displayed on our web-based GIS Viewer (New Connections EO Web) so that stakeholders can gain a deeper understanding of how our Network is constructed and operated.

Electric Office is a geographical information system for capturing, storing, checking and displaying data related to SSEN's Distribution network. EO can show many different types of data on one map.

Scottish and Southern Energy Power Distribution (SSEPD) offer access to the New Connections EO Web system by logging in to the web address [www.ssepd.co.uk/CompetitioninConnection/](http://www.ssepd.co.uk/CompetitioninConnection/) and registering for access. Once the application is approved, this will allow you access to the viewer which will display electrical network infrastructure.










## 2 References

The document detailed in Table 2.1 - Scottish and Southern Electricity Documents, should be used in conjunction with this document.









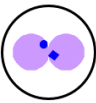
Table 2.1 - Scottish and Southern Electricity Documents

Reference	Title
PR-NET-ENG-046	Asset Data Updating Procedure
















## 3 Electric Office Legend

Description	EO Symbol
<b>Linear Assets (cables and lines)</b>	
Fibre Optic	
Pilot Cable	
LV Mains and Services (400V)	
LV Mains and Services (230V)	
LV Mains and Services (Split Phase 460V)	
HV 2.7kV, 3kV and 3.3kV	
HV 6.6kV	
HV 11kV	
EHV 22kV	





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Description	EO Symbol
EHV 33kV	
EHV 66kV	
EHV+ 132kV	
EHV+ 275kV	
EHV+ 320 kV	
EHV+ 400kV	
Abandoned cable	
Removed cable	
Assumed Routes	
<b>Structures</b>	
Single Pole	
H Pole	
3 Poles	
Stay	
Flying Stay	FS 
Tower	
Substation	
Pole Mounted Transformer	

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Description	EO Symbol
Pillar	
Link Box	
Pit	
Duct with cross section	
<b>Isolating Equipment</b>	
Circuit Breaker	
Air Break Switch Disconnecter	
Fuses including Automatic Sectionalising Links (ASL) - closed	
Fuses including Automatic Sectionalising Links (ASL) - open	
Links – Closed	
Links - Open	
Supply Point (Property)	
Supply Point (Other)	
Supply Point (Street Furniture)	
<b>Schematic Connectors</b>	
Blue Circle	
Green Square	

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Description	EO Symbol
Orange Triangle	
<b>Joints</b>	
Straight Joint	
Breech Joint, Pot End, Capped End	
Wall Box Joint, Trifurcating Joint, Sealing End, Pole Termination	

## 4 Revision History

No	Overview of Amendments	Previous Document	Revision	Authorisation
01	New Document Created	REF-PS-109	1.00	David Green
02				