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Policy Newsletter

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Policy updates



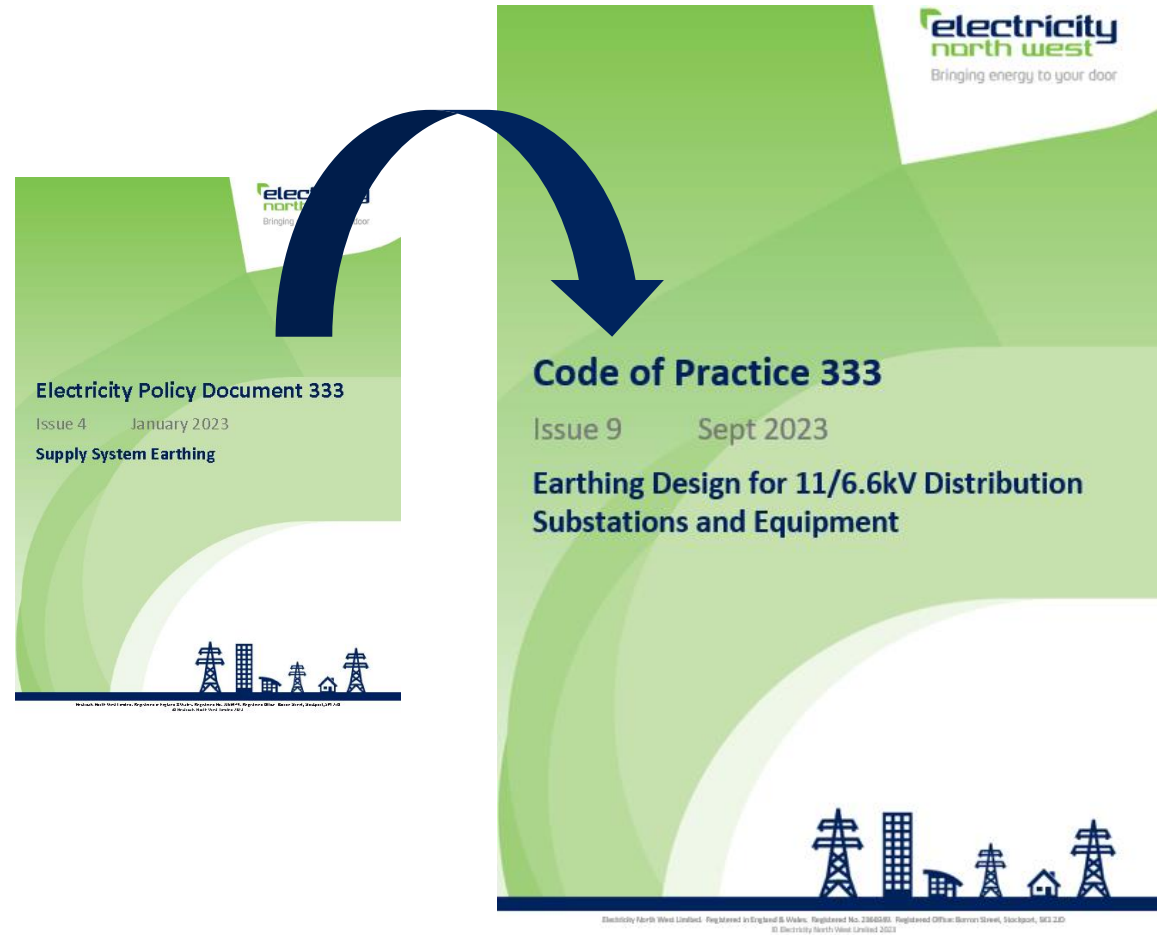
Ref	Issue	Title	Suggested Audience	Policy Dissemination Method
CP333	9	Earthing Design for 11/6.6kV Distribution Networks	All operational staff and managers	Team Brief
EPD279	12	Distribution System Design General Requirements	G&P designers and procurement	Team Brief
CP608	24	System Control Manual	Designers, procurement and ICP's	Team Brief

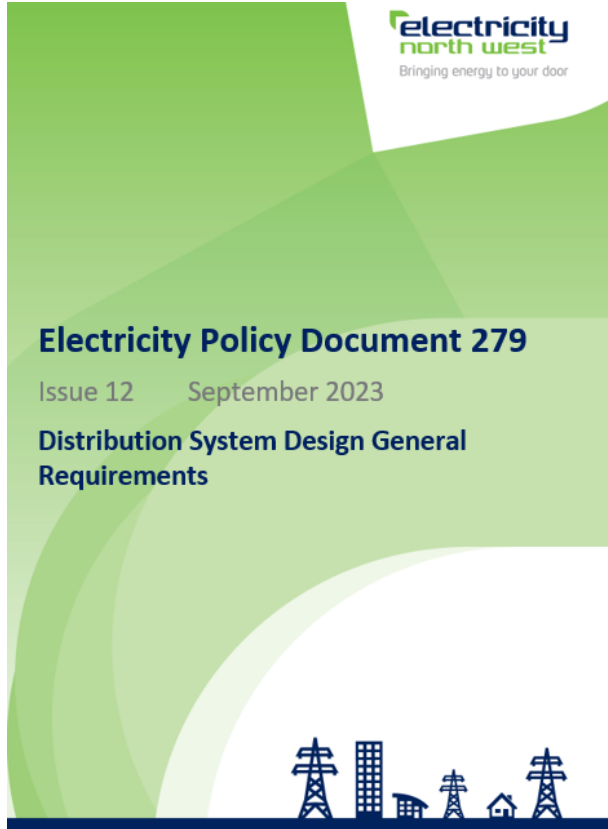
Major policy updates





- Content of EPD333 added to CP333
- EPD333 withdrawn
- This reduces the library size





The attrition and diversity factors used in connection studies have been clarified.

	Attrition Factor	Diversity and unrealised MIC/MEC factor	Overall factor to be applied
Applied for	N/A	1.0	1.0
Accepted and proposed	0.66	0.9	0.6
Connected	N/A	0.9	0.9



OPERATIONAL PROCEDURE NO. 87

PARK RD BACUP BESS TRIPPING SCHEME

1. INTRODUCTION

This document refers to the tripping scheme fitted to Park Rd Bacup BESS 6.6 kV feeder circuit breaker at Wesley Place Primary (400093).

Wesley Place is supplied by two primary transformers. The 33 kV circuit feeding Wesley Place T11 is from Rossendale BSP (400094) and also supplies Hareholme T11 (400092) and Reaps Moss Wind Farm (400098). The 33 kV circuit feeding Wesley Place T12 is from Rossendale BSP and also feeds Hareholme T12.

Park Rd Bacup BESS (452415) is an 8 MW Battery Energy Storage System (BESS) supplied at 6.6 kV from Wesley Place via a dedicated primary circuit breaker. It has a MEC of 8 MW and MIC of 8 MW.

Under calculated network minimum generation / maximum load conditions, if one of the 33 kV circuits from Rossendale to Hareholme / Wesley Place is out of service the remaining 33 kV circuit could become overloaded if Park Rd Bacup BESS is at maximum import (batteries charging up). To prevent this occurring, it is not possible for Park Rd Bacup BESS to connect to the system unless a parallel supply from Rossendale to Wesley Place is in service. This is achieved by automatically tripping the Park Rd Bacup BESS 6.6kV circuit breaker at Wesley Place Primary when any one of Wesley Place 6.6kV T11, T12 or Bus Section circuit breakers are opened.

The tripping scheme will operate for any method of opening of the T11, T12 or Bus Section 6.6kV circuit breakers including protection trip, tele-control trip, mechanical trip etc.

OPERATIONAL PROCEDURE NO. 86

ASHTON UNDER LYNE 6.6 KV BUS SECTION B-C AUTO CLOSE SCHEME

1. INTRODUCTION

This document refers to the Auto Close Scheme fitted to the B-C Bus Section 6.6kV CB at Ashton Under Lyne Primary (307115).

The three section 6.6 kV switchboard at Ashton Under Lyne is supplied by three primary transformers, T11, T12 and T13. B-C Bus Section 6.6kV CB runs normally open, so if the supply from T13 is lost then the customers on Section C are restored by closing the B-C Bus Section 6.6kV CB. In the correct conditions, as described in this document, the Auto Close Scheme will close the B-C Bus Section following a T13 fault.

Opening the T13 6.6kV circuit breaker by telecontrol will not operate the Auto Close Scheme, it will only operate for a transformer fault.

The Auto Close Scheme is controlled via a MiCOM P14N relay in the T13 6.6kV protection panel. The Auto Close Scheme can be switched IN / OUT locally and can be switched IN / OUT via Telecontrol. In order for it to be in service, it must be switched IN both locally and by telecontrol. When it is switched out, either locally, or by telecontrol, an "Out Of Service" indication is sent to NMS.

- Two new Operational procedures:
 - Park Rd Bacup BESS (Wesley Place primary)
 - Ashton under Lyne 6.6kV bus section B-C auto close scheme

Minor policy updates





CP420 Part 1 – Policy & Practice for Wood Pole Overhead Lines

- The number of Defect notices fixed to a defected pole has been changed from two to one.

CP411 Part 2N – 6.6/11kV Cable Jointing Manual

Section 3 updated as follows:

- Procedures for REPL Cold Shrinkable Terminations and Screened Connectors added
- Procedure 8_005 updated to include 400mm² polymeric cables assessment.

CP430 Part 1 – Linesmen's Manual for Woodpole and Murals

- Restructure and reformatting of CP430 Part 1. This 2020 issue constitutes a complete revision and re-issue of CP430 Part 1 in its entirety.



CP635 – Accreditation of ICPs

- Updated to new template and minor reference changes

CP614 - Authorisation

Codes amended for clarification:-

- Code 174 – On job training section updated.
- Code 199 – Formal training and on job training sections updated. Title section also clarified.
- Code 416 – Reference to old code number amended.

CP606 – Operations Manual

- Procedure G18 has been raised to issue 9. Changes to section 5.4.4, to read Senior Leadership team rather than Executive Leadership team.



ES337 – Specification for Protection and Control Relay Panels

Changes to requirements for provision of drawings:

- Where Electricity North West Limited provide schematic (or circuit) diagrams only the Tenderer shall generate the necessary wiring and general arrangement diagrams

EPD307 – Approved Equipment

- Appendix B10 and Appendix C updated to refer to the latest updated Approved Equipment spreadsheet.

ES409 – Overhead Line Portable Earths

- Procedure G18 has been raised to issue 9. Changes to section 5.4.4, to read Senior Leadership team rather than Executive Leadership team.