

# Policy Update Newsletter

May 2019





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Ref	Issue	Title
CP306_FM2_012	I2	Installation of EFI Units.
CP405	I8	Cable Pit and Link Box Strategy for Power Cables and Associated Joints.
CP606 G12	I9	Construction, Installation, Commissioning and Decommissioning of Electrical Equipment.
CP606 G19	I4	Use of Arc Resistant Clothing for Operational Activities.
EPD259 ES 259	I3 I4	Generation Connected to the ENWL network.
CP423	I14	Overhead Line – Linesman's Manual Live Line Working.
CP430 Pt1	I26	Overhead line - Linesmans Manual. Wood pole.
CP606 A06	I9	Points of Isolation for Overhead Lines.
CP608 OP63	I1	LANCASTER – GT3 auto CLOSE scheme.
CP608 OP64	I1	Carlisle ALRS.
CP615	I8	Substation, Circuit and Plant Identification.
EPD301	I12	Inspection and Maintenance of Electrical Plant and Substation Security.
ES323	I6	33/11kV or 33/6.6kV System Transformers.
ES400L5	I3	Two-Way and Four-Way Underground Link Boxes.

### CP306FM2\_012 Installation of EFI Units

Summary	<p><b>Description.</b> Procedure update</p> <p><b>Reason for change</b> This procedure has been re-issued due to reports of poor EFI installations on construction schemes carried out by ENW contractors. The procedure now provides more examples of best practice installations. Additionally, the commissioning and completion of work sections have been revised to provide more detail in engaging with the Telemetry team and highlights what information they require to support the works.</p>

CP405 Cable Pit and Link Box Strategy for Power Cables and Associated Joints	
Summary	<p><b>Description.</b> Lytag Aggregate approved as backfill material.</p> <p><b>Reason for change</b> Foamed concrete not acceptable as suitable backfill in highways construction. Lytag aggregate has been proven to have good blast mitigation</p>

CP606 G12 Construction, Installation, Commissioning and Decommissioning of Electrical Equipment.	
Summary	<p><b>Description..</b> Requirement added for the confirmation of SCE are in place and effective before commissioning plant</p> <p><b>Reason for change..</b> To ensure SCEs are applied correctly</p>

CP606 G19 Use of Arc Resistant Clothing for Operational Activities	
Summary	<p><b>Description.</b> An issue has been raised by one of ENWL's contractors highlighting a conflict between CP606 G19 regarding the wearing of Arc Resistant coveralls and the HSE advice for Asbestos clearance and recertification. This is only an issue where an air lock has been established</p> <p><b>Reason for change.</b> The amendment clarifies that arc resistant coveralls should be worn under disposable coveralls unless the HSE mandate that they cannot be. In this latter case, it also details the additional precautions which must be taken.</p>

EPD259 ES 259 Generation Connected to the Electricity North West Network	
Summary	<p><b>Description.</b> General update to the suite of 259 policy documents to replace references to G83 and G59. In addition, references have been added to ES259 to signpost readers to the relevant sections of EREC G99 for testing, commissioning and demonstrating compliance.</p> <p><b>Reason for change.</b> ERECs G83 and G59 will be replaced with two new documents, EREC G98 and EREC G99 on 27<sup>th</sup> April 2019. References to the old ERECs need to be replaced. Some additional guidance has been inserted to reflect the additional methods in EREC G99 for generators to demonstrate compliance – for example simulation studies, manufacturer's information and type testing. It is expected some of these methods may replace on site witness testing.</p>

CP423 Overhead Line – Linesman's Manual Live Line Working	
Summary	<p><b>Description.</b> New procedure added for the installation of a sectionliser</p> <p><b>Reason for change</b> No previous procedure in place. .</p>

CP430 Pt1 Overhead line - Linesmans Manual. Wood	
Summary	<p><b>Description.</b> M250 amended after issue of PI to provide guidance on the use of Tracked MEWP. M255 amended wind speed for pole dependant access. M452 minor amendment for removing old pole numbers if these are different to the new ones. M619 amended to include details for RL27 sectionliser</p> <p><b>Reason for change.</b> M250 updated as a result of a near miss with a tracked MEWP. M255 update to relax wind speeds for pole dependant access to the upper wind within the same Beaufort Scale. M452 clarification on removing old pole numbers. M619 new sectionliser details.</p>

CP606 A06 Points of Isolation for Overhead Lines	
Summary	<p><b>Description.</b> This AP has been updated to include additional comments received from the control room on the use of the Schneider RL27 Sectionalisers as a POI device. Please see changes as highlighted in the document</p> <p><b>Reason for change.</b> The RL is designed to be used as an POI, these changes facilitate the use as a POI like other UK DNO's..</p>

CP608 OP63 Lancaster Auto Close OP63 OP64 Carlisle ALRS	
Summary	<p><b>Description.</b> Two new OP's were required by the Network Hub and G&amp;P design for the two new schemes installed at Lancaster and Carlisle. The OP list has also been updated to cover others issued in the past</p> <p><b>Reason for change.</b> New OP's Required.</p>

CP615 Substation, Circuit and Plant Identification	
Summary	<p><b>Description.</b> Local numbering of linkboxes modified in Section 6 to policy align with current practice</p> <p><b>Reason for change.</b> Current practice in data management (and known by field engineers) on local linkbox numbering differs from the policy stated in CP615. As the purpose of the local number is to provide a short pseudo-random number for each linkbox which can be marked on site, and act as confirmation that the correct linkbox has been opened, the form of the number is not particularly important and it has been decided that it is more appropriate to change policy to match current practice rather than change behaviour to a new system which has limited additional benefits over the current one.</p>

EPD301 Inspection and Maintenance of Electrical Plant and Substation Security	
Summary	<p><b>Description.</b> Appendix D updated to clarify the need to test all pre 1978 Transformers for PCBs as per the updated POPs regulations. Appendix J updated to include the Ormazabal CPG.0-v,-pt and -rb and Schneider RL27 products</p> <p><b>Reason for change.</b> Updated as new products approved and needed to be added to Appendix J.</p>

ES323 33/11kV OR 33/6.6kV System Transformers	
Summary	<p><b>Description</b> Section 21 updated to add the requirements for all fans (including motors and bearings and pumps to have a C4 minimum coating and option for C5M coastal resistant surface finish</p> <p><b>Reason for change</b> Updated in preparation for forthcoming tender due to numerous early life failure fans we are encountering on the Network. Not circulated for comment as change is minor we no impact.</p>

ES400L5 Two-Way and Four-Way Underground Link Boxes	
Summary	<p><b>Description.</b> Four way bell housing changed from one handle to two. Tailed boxes from Spec.</p> <p><b>Reason for change.</b> Near miss reported for 4 way bell housings with one handle. Tailed boxes not used.</p>

Full copies of all up-to-date policies and procedures can be found on the G81 pages of Electricity North West's website.