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Policy Update Newsletter

September 2018

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Ref	Issue	Title	Suggested Audience
CP226	9	LV Network Design	LV Planners in Energy Solutions
CP606		B07 Work at LV Service Terminations B15 Underground Cables C11 Transfer of Control to ICP S21 Switchgear/Switching	All Operational Staff
CP608	4	System Control Manual	Control Engineers, Data Management
CP614	18	Authorisation	All Operational Staff and Managers
CP625	4	Network Diagrams	All Planners, Operational Staff, Data Management
ES323	5	33/11kV OR 33/6.6kV System Transformers	G&P Design and Procurement
CP259	6	Generation Connected to the Electricity North West Distribution Network	All Planners, Control Engineers
CP405	7	Cable Pit and Link Box Strategy for Power Cables and Associated Joints	All Operational Staff
CP608		Ashton Parallels 21st June 2018	All Operational Staff and Managers
EPD307	12	Equipment Approved for Use on Electricity North West Network	G&P Design, Designers and Asset Management
ES400C4	5	Steel Tower Overhead Line Conductors (33kV and 132kV)	All G&P Planners and Operational staff
ES400L7	1	Low Voltage Link Box Blast Mitigation Bags	All Operational Staff, Procurement
ES400N1	8	Notices and Nameplates, Associated Fixings and Marker Posts – Overhead Line	Planners & Operational Staff working on overhead lines, Procurement

CP226	LV Network Design	
Summary	**Description** • Heat Pump & Electric Vehicle Diversity values added • EV connection process added • EV earthing arrangements clarified • Requirement to fit network monitoring following connection of LCTs • New worksheet added to LV Affirm to calculate ADMD for multiple HPs & EVs. This will be issued to planners w/c 1st October. • CP227 LV Affirm user guide has been modified to describe the changes to LV Affirm **Reason for issue.** Existing policy made no provision for diversity between multiple installations of HPs and EVs. EREC P5 was re-issued in 2017 with diversity values added for LCTs. These have been adopted in CP226. It is expected volumes of LCTs will significantly increase in the medium term. ENWL will be required to facilitate large scale connection of these technologies. The proposed changes to CP226 will help the planning process. The requirement to install network monitoring will remove uncertainty over usage patterns and allow maximum network utilisation	
Contact	P Twomey	Tel: 80351

CP606	Operations Manual
Summary	**<u>Reasoning behind amendment to CP606 B07 Issue 13</u>** CP606 B07 has been amended to allow, providing certain criteria are met, for the live changing of looped cut outs. In a similar way backboards can also be changed with the cut out live. A procedure has been written and successful on site trials completed prior to this change being presented to TPP. This will allow, when safe to do so, more cut outs to be changed with less customer inconvenience and reduced cost. **<u>Reasoning behind amendment to CP606 B15 Issue 2</u>** CP606 B15 was first issued to deal with jointing on VIR insulated cables on the LV underground system. This was based upon the requirements of CP415 that this type of cable is obsolete and should be replaced, and there was very little cable of this type on the system. It then became apparent there are many street lighting cables utilising VIR insulation in the Mid Lanc's East area, and the requirement to work dead on these cables would become a problem both financially and in terms of CIs and CMLs. CP606 B08 (Work on or Near Damaged or Faulty LV cables) section 7 (Single phase cables equal to or less than 4sq mm) considers these type of cables to present a low risk of injury due to the minimal fault energy involved. In addition reports from staff who have worked on VIR insulated street lighting cables have always reported the insulation to be in good condition. It was therefore decided that for VIR insulated street lighting cables it is permissible to examine the cable adjacent to the breech joint and if it was

	found to be in good condition it would be bottle ended using live techniques (the service would be provided by a new cable from the non VIR main / service), but if found in poor condition then only dead jointing would be carried out. **<u>CP606 C11 Transfer of Control to ICP</u>** **Reason for new procedure in CP606.** The new procedure C11 is copied form the existing section for working with ICPs in CP614 with the addition of the requirement for ARS to be disabled for the duration of the transfer. It should have been included in CP606 as an operational document to give a guide to field and Control Engineers of what is required when requested to be involved with ICPs who wish to transfer Control and work under their own Safety Management Systems and Safety Rules. The document is already approved and exists in CP614 section 11. **<u>Reasoning behind amendment to CP606 S21 Issue 7</u>** CP606 S21 has been amended to include the need for addition PPE when HV phasing across spouts. The requirement to wear full face visor or hood has been added following an operational incident in another DNO.	
Contact	T Stirrup	Tel:

CP608	**System Control Manual**	
Summary	**Description of change.** Transfer of ownership for the management and update of Generator Procedures from System Operations to Data Management. Format of Generation Procedure has been altered to a tabular format and some data validation has been inputted for consistency of completion. Capacity Strategy to perform an annual review of all existing Generator Procedures to ensure that all contact details are still correct. **Reason for change**. To enable a smooth transition to NMS as the data can then be easily extracted, and to ensure the validity of the information that is provided.	
Contact	L Clark	Tel: 55092

CP614	**Authorisation**	
Summary	**Description of change.** Code 186 – added to enable Asbestos surveys to be carried out in LV Cabinets & Feeder Pillars. Code 187 – Withdrawn No Longer Required Code 188 – Withdrawn No Longer Required Code 189 – Withdrawn No Longer Required **Reason for change**. Business need to enable programmes of work to proceed utilising suitable trained staff and at a reduced cost.	
Contact	T Stirrup	Tel: 58289

CP625	Network Diagrams	
Summary	**Description** Minor change – symbols added to represent load break switches in the auto-sectionaliser section. Tables in the appendices have been reformatted as some information was lost in a previous revision. **Reason for issue.** A new load break device is being used as part of the QoS programme, and currently there is no symbol to represent the device.	
Contact	P Twomey	Tel: 80351

ES323	33/11kV OR 33/6.6kV System Transformers	
Summary	**Description of change.** Document reviewed ready for the forth coming tender and updated as required. **Reason for change.** Ready for forth coming Tender	
Contact	M Kayes	Tel: 50928

CP259	Generation Connected to the Electricity North West Distribution Network	
Summary	Due to the proposed reissue of CoP 608 System Control, which includes an updated format of Generator Procedure and clarification of the management of these going forward, it is proposed that this remains the only version of the document within our policy libraries. Therefore, the duplicate versions and references to them that are currently noted in CoP 259 (Generation Connected to the Network) should be deleted, and should instead to make reference to CoP 608. **Amendments are as below:** Removal of appendix C – template Generator Procedure Removal of Appendix D – process for management of Generator Procedures 7.1.3.5 The process for creation and management of Generator Procedures is shown in ~~Appendix C~~.CP608 section 7a 7.1.3.6 A ~~typical~~ template Generation Procedure is provided in ~~Appendix D.~~ CP608 section 7a	
Contact	P Twomey	Tel: 80351

CP405	Cable Pit and Link Box Strategy for Power Cables and Associated Joints	
Summary	Procedure for fitting a bag (Section C3) has been clarified	
Contact	D Talbot	Tel: 50272

CP608	Ashton Parallels 21st June 2018	
Summary	Update to Ashton Parallels	
Contact	System Ops & Control	

EPD307	Equipment Approved for Use on Electricity North West Network	
Summary	This document has been updated to reflect the new approved equipment, equipment approved to trial and refurbish equipment by the Policy and Standards team. It has not been circulated for comment for that reason.	
Contact	M Kayes	Tel: 50928

ES400C4	Steel Tower Overhead Line Conductors (33kV and 132kV)	
Summary	Poplar has been added to Appendix A (A1). The latest editorial standard has been applied.	
Contact	D Talbot	Tel: 50272

ES400L7	Low Voltage Link Box Blast Mitigation Bags	
Summary	**Description of change.** There are various sizes, types and designs of link boxes on the Electricity North West Ltd network which require blast mitigation. This specification details a suitable mitigation bag(s) or blanket(s) designed and tested for this purpose. **Reason for change**. To mitigate the potential explosion that could develop in a Low Voltage link box, a blast mitigation bag or blanket shall be installed in accordance with strategy directives detailed in Code of Practice 405.	
Contact	D Talbot	Tel: 50272

ES400N1	Notices and Nameplates, Associated Fixings and Marker Posts – Overhead Lines	
Summary	Drawings I-400N1-NOTE-031 and ...-32 updated with Issue CC numbers introduced at Issue 7.	
Contact	D Talbot	Tel: 50272

Full copies of all up-to-date policies and procedures can be found on The Volt and also the ENWL website.