

Policy Update Newsletter

July 2019





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Ref	Issue	Title
CP608	I7	System Control
CP639	I1	Work on Public Street Lighting and Street Furniture
ES211	I2	Third Party Connection of Street Furniture
ES230	I1	Connection of Low Carbon Technologies
ES345	I1	Hybrid GIS 132kV Switchgear for Outdoor Installations
CP306 FM3_001 FM3_002 FM3_003	I2	Cleaning and inspection of LV distribution boards in Live conditions Maintenance of LV distribution boards that are Dead.
CP510	I2	Commissioning of Measurement Transformers Connected to Settlement Metering Equipment
CP411 Part 1	I7	Cable Jointing Up To And Including 1000Volts
CP412	I4	Volume one – Joint Procedure for 33kV solid cables
CP421-4	I5	Maintenance and Refurbishment of Overhead Lines – LV Mains Supported by Poles
CP606 G19	I4	Use of Arc Resistant Clothing for Operational Activities
CP606 S54	I2	Operational procedure for Sentinel Fault detection system
CP613	I7	Connection and operation of Mobile generators at low voltage
CP614	I21	Authorisation
CP608	Update	Parallel Matrices

CP608 System Control.	
Summary	<p>Description. New Documents to cover new operational practices.</p> <p>Reason for change. These are new auto close schemes respectively for control and operational staff to operate the network correctly.</p> <p>OP65 Garstang, OP66 Woodhouse Park, OP67 AM Paper.</p>

CP639 Work on Public Street Lighting and Street Furniture.	
Summary	<p>Description. This code of practice describes Electricity North West's application of ENA Engineering Recommendation (EREC) G39 'Model code of practice covering electrical safety in the planning, installation, commissioning and maintenance of public lighting and other street furniture'.</p> <p>Reason for change. CP639 has been written mainly to describe the process of self assessment and authorisation. This allows Authorities or their agents who are G39 certified and follow recognised nationally accredited operative competency scheme such as the Highways Engineers Association's Electrical Registration Scheme (HERS) to self authorise suitable competent staff to work on streetlights, including the removal of the main fuse.</p>

ES211 Third Party Connection of Street Furniture.	
Summary	<p>Description. ES211 has had very minor amendments covering earthing arrangements for street furniture.</p> <p>Reason for change. ES211 has had very minor modifications to cover earthing arrangements for public electric vehicle charge points. This has become necessary due to the sharp increase in numbers of applications to connect these.</p>

ES230 Connection of Low Carbon Technologies.	
Summary	<p>Description. A new policy Document ES230 Connection of Low Carbon Technologies (LCTs) has been created. This document describes the processes in connection of technologies such as heat pumps and electric vehicle charge points.</p> <p>Reason for change. ES230 defines the overall process and is intended to inform external stakeholders how Electricity North West's policy and procedure for new connections of LCTs.</p>

ES345 Hybrid GIS 132kV Switchgear for Outdoor Installations.	
Summary	<p>Description. New Document.</p> <p>Reason for change. This is a new specification for Hybrid Outdoor Switchgear.</p>

CP306 FM3_001 FM3_002 FM3_003		Inspection of LV Distribution, Pillars and Transformers take off Boxes in Live Conditions. Cleaning of LV Distribution Boards Fuse Pillars and Transformers take off Boxes in Live Conditions. Maintenance of LV Distribution Boards, Pillars and Transformers take off Cabinets under dead Conditions
Summary	<p>Description. Procedure update regarding inspections, maintenance and cleaning of LV boards, pillars and take off transformer boxes under live and dead conditions.</p> <p>Reason for change. These procedures required a revised update due to recent updates within the organization regarding health and safety and equipment specification with ENWL policy and standards. The procedure of works have changed slightly to reflect a more detailed inspection for any underlying defects in regard to thermal deterioration and identification before failure.</p>	

CP510		Commissioning of Measurement Transformers Connected to Settlement Metering Equipment.
Summary	<p>Description. Business processes have been reviewed and changed, following an audit by KPMG and Elexon. The changes to CP510 are to reflect current practice and discharge actions from the audit.</p> <p>Reason for change. Process flow charts have been added to Appendix C to show commissioning processes for all LV and HV metering arrangements.</p>	

CP411 Part 1		Cable Jointing Up To And Including 1000Volts.
Summary	<p>Description. Modules 55 & 55B have been amended to provide further details on visual examination of the cut-out. Modules 55, 55B & 55C have been amended that constructional drawings shall be followed for terminating a replacement cut-out.</p> <p>Reason for change. Actions following an incident investigation.</p>	

CP412		Volume one – Joint Procedure for 33kV solid cables.
Summary	<p>Description. Prysmian changes and News versions</p> <p>Reason for change. New versions taken into account at the request of training Academy.</p>	

CP421-4		Maintenance and Refurbishment of Overhead Lines – LV Mains Supported by Poles.
Summary	<p>Description. Dispensation for Street lamps to remain in place after poles in specific circumstances.</p> <p>Reason for change. For safety reasons.</p>	

CP606-G19 Use of Arc Resistant Clothing for Operational Activities.

Summary	<p>Description. Additional PPE clarification.</p> <p>Reason for change. This is to provide clarification that disposable coveralls can be worn over arc resistant coveralls should the situation warrant it. Where there is a need to wear disposable work wear over the arc resistant coverall (for example when painting), a Type 5, flame resistant to EN ISO 14116 1/0/0, disposable coverall shall be used.</p>
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CP606 S54 Operational procedure for Sentinel Fault detection system.

Summary	<p>Description. Minor changes following field experience of trial projects.</p> <p>Reason for change. The original operational procedure was changed following comments and a recent near miss raised against isolation via the DC link. As part of the near miss process the resolution is to update the policy accordingly.</p>
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CP613 Connection and operation of Mobile generators at low voltage.

Summary	<p>Description. Code of Practice which sets out the selection and deployment of mobile generators used on the Low Voltage Electricity Distribution Network (LV Network) owned by Electricity North West Limited (Electricity North West), as Distribution Licensee .</p> <p>Reason for change. Section 8.6.2 amendment to state that caution notice shall be applied where temporary matting is to be installed for mobile generation at LV.</p>
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CP614 Authorisation.

Summary	<p>Description. Code 106 - Reference to CP306 FM2/007 replaced by FM2/010 & FM2/011. Code 113 – Old Cable Bridge Inspection code is now Fitting of Blast Mitigation Measures (Link Boxes Only). Code 123 – Old CONSAC code now 11/6.6kV cable jointer working on Triplex cables only. Code 124 – Minor changes to reflect training modules. Code 187 – Index Update only. Code 396 - Clarify code description, update qualifications, experience and formal training requirements.</p> <p>Reason for change New HV Triplex cable introduction.</p>
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CP608 System Control.

Summary	<p>Description. Parallel Matrices (Ashton, Manchester & Preston).</p> <p>Reason for change. Network Update.</p>
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Full copies of all up-to-date policies and procedures can be found on the ENWL website.