

1. SCOPE

This document details the application of SOP 2010/0361/00 (Applicable to Pauwels 33kV Earthing Transformers with associated vector changeover switch) issued by the Energy Networks Association.

2. ISSUE RECORD

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Issue Date	Issue No	Author	Amendment Details
April 2010	1	Alan MacGregor	

3. ISSUE AUTHORITY

Author	Owner	Issue Authority
Alan MacGregor Lead Engineer	Alastair Ferguson Asset Risk Manager	Pearse Murray Asset Strategy and Network Programmes Director

4. SOP DETAILS

EQUIPMENT TYPE:	Pauwels Trafo 33kV Earthing Transformer with associated vector changeover switches
ORIGINATING DNO	Western Power
DATE:	04/06/2009
NUMBER INSTALLED IN ENERGY NETWORKS NORTH:	2
NUMBER INSTALLED IN ENERGY NETWORKS SOUTH:	0
REASON:	This restriction has been issued following flashovers on two occasions on energisation. Electrical distances between two contacts of the same phase on the vector changeover switch were not sufficient (36mm) to withstand the occurring voltage during the inrush condition. The risk of failure is only on energisation.
STATUS IN INITIATING DNO:	<ol style="list-style-type: none">1. Personnel to be remote from the affected earthing transformers during energisation and for 10 minutes afterwards.2. When staff are working in the vicinity of an affected earthing transformer any auto-reclose facility on the circuits feeding the earthing transformers shall be rendered inoperative.
SPEN APPLICATION:	Per initiating DNO – above.
ADDITIONAL INFORMATION	Only site currently impacted is Coalburn.
UPDATE:	N/A
REMEDIAL ACTION:	None required.