

1. SCOPE

This document details the application of SOP 2001/0278/00 (Applicable to GEC Alstom Type OX36 Circuit Breakers at system voltage 33kV) issued by the Energy Networks Association.


2. ISSUE RECORD

This is a [Reference](#) document. The current version is held on the Energy Networks Intranet.

It is your responsibility to ensure you work to the current version.

Issue Date	Issue No.	Author	Amendment Details
August 2002	1	David Naylor	Initial issue
May 2012	2	Mark Stewart	This document now supersedes OPSAF-14-072. SOP278 can now be removed after drive linkages have been inspected and are correctly connected.

3. ISSUE AUTHORITY

Author	Owner	Issue Authority
Name: Mark Stewart Title: Lead Engineer Technical Risk	Name: Alastair Ferguson Title: Technical Risk Manager	Name: Jeff Hunt Title: Head of Asset Management.  Date:18 th May 2012.....

4. REVIEW

This is a [Reference](#) document which has a 10-year retention period after which a reminder will be issued to either extend retention or archive.

5. DISTRIBUTION

This document is not part of a Manual and does not have a maintained distribution list.

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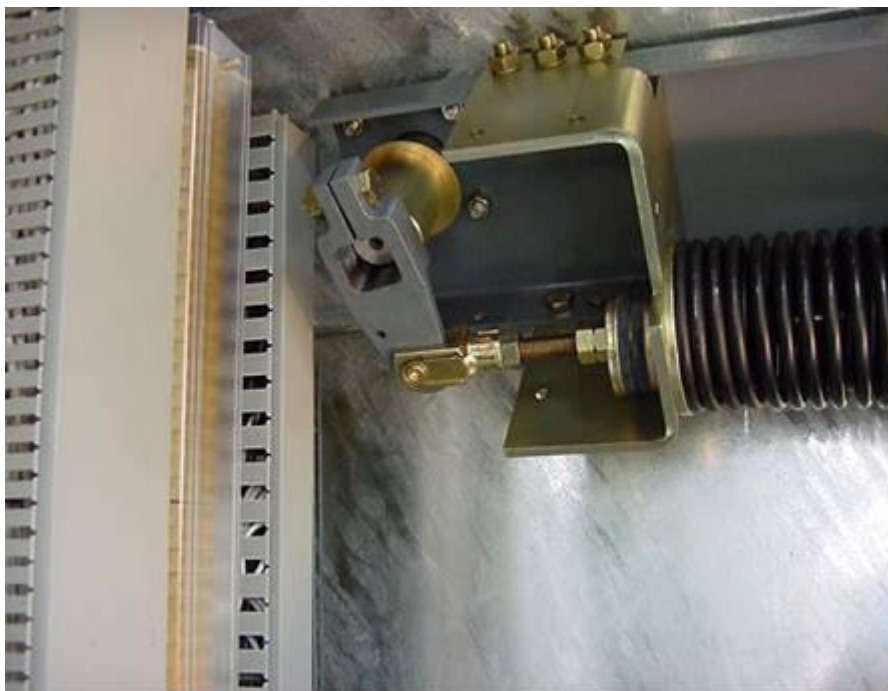
7. SOP DETAILS

EQUIPMENT TYPE:	GEC Alstom – OX36 – Circuit Breaker
ORIGINATING COMPANY	24seven Utility Services Ltd
DATE:	4 th August 2001
NUMBER INSTALLED SPEN NORTH:	17
NUMBER INSTALLED SPEN SOUTH:	212
AFFECTED RANGE:	All GEC OX36, 33kV Circuit Breakers
NUMBER AFFECTED SPEN NORTH:	17
NUMBER AFFECTED SPEN SOUTH:	212
REASON:	During routine switching a circuit breaker remained closed on one phase after the circuit breaker was opened. Investigation by Alstom. Circuit breaker mechanism drives centre phase directly, outer phase contacts are driven by lever and extended drive rods. The left hand phase drive lever was noted to have become detached from its contact drive shaft.
STATUS IN ORIGINATING ORGANISATION:	The operating mechanism shall be inspected before and after operation of the circuit breaker to ensure that the drive linkages are correctly attached.
SPEN APPLICATION:	The operating mechanism shall be inspected before and after operation of the circuit breaker to ensure that the drive linkages are correctly attached.
ADDITIONAL INFORMATION:	None
UPDATE:	Update May 2012. SOP278 to be applied in SAP and System Diagram. If the drive linkage is found to be correctly attached during the next inspection SOP278 can be lifted permanently.
REMEDIAL ACTION:	None

8. APPENDIX 1



Linkage correctly attached



Linkage not correctly attached

9. APPENDIX 2 – SOP HEADER

Field Name	Field Value	Field Size
Name (SOPxxx)	SOP278	61
The reason for the Operational Restriction	Detached drive linkage	30
Nature of the Operational Restriction	Inspection to ensure drive linkage is correctly attached.	50
Comments	SOP278 to be applied in SAP and System Diagram. If the drive linkage is found to be correctly attached during the next inspection SOP278 can be lifted permanently.	200
Restricted Access to substation Flag	No	No
Search Criteria *	All GEC OX36 33kV Circuit Breakers	N/A