

1. SCOPE

This document details the application of SOP 2015/0396/00 issued by the Energy Networks Association. This is applicable to Mid Central Electric 11kV/120V 500VA transformers.

2. ISSUE RECORD

This is a Reference document. The current version of Reference documents is held on the Energy Networks Intranet Document Library.

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

Issue Date	Issue No.	Author	Amendment Details
29 January 2015	1	Alan MacGregor	Initial issue

3. ISSUE AUTHORITY

Author	Owner	Issue Authority
Alan MacGregor Lead Engineer, Technical Risk	Alastair Ferguson Technical Risk Manager	Donald Miller Head of Asset Management Date:

4. REVIEW

This is a Reference document which has a 10 year retention period after which a reminder will be issued to review and extend retention or archive.

5. DISTRIBUTION

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

6. CONTENTS

1. SCOPE.....	1
2. ISSUE RECORD.....	1
3. ISSUE AUTHORITY	1
4. REVIEW	1
5. DISTRIBUTION.....	1
6. CONTENTS	2
7. SOP DETAILS	2

7. SOP DETAILS

Equipment Type:	Mid Central Electric 11kV/120V 500VA transformers.
Originating organisation:	ENW
DATE:	20 January 2015
Number installed in SPEN (Scotland)	722
Number installed in SPEN (England & Wales)	567
Reason for SOP:	Disruptive failures of three transformers: one at approx. 22 months old, one at 3 months and one on energisation as replacement for one of the aforementioned faulty transformers.
Status of SOP in initiating organisation:	Live line installation of these transformers is banned. Following dead installation of one of these units, remote energisation is permitted providing:- A safety zone of 10m shall be maintained around the pole whilst the circuit is energised. The safety zone shall be maintained for a period of 30 minutes following energisation.
SPEN application of SOP:	This SOP will not be applied in SPEN, in line with other DNOs, as no faults with these transformers have been experienced. This will remain under review pending any ENW update that identifies issues pertinent to the SPEN application. New units are IR tested before energisation.

**ADDITIONAL
INFORMATION**

UPDATE:

REMEDIAL ACTION: None