

1. SCOPE

This document details the application of SOP 379 (Applicable to Artech UJN-36 33kV VTs) issued by the Energy Networks Association.

2. ISSUE RECORD

This is a Reference document. The current version is held on the EN Document Library.

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

Issue Date	Issue No.	Author	Amendment Details
January 2012	1	Mark Stewart	Initial issue
August 2024	2	Stephen Batten	Re-format of document.

3. ISSUE AUTHORITY

Author	Owner	Issue Authority
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4. REVIEW

This is a Reference document which has a 5 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. It is published on the SP Energy Networks website.

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7. SOP DETAILS

EQUIPMENT TYPE:	ARTECHE – UJN-36 – VT (33kV)
ORIGINATING COMPANY:	Scottish and Southern Energy
DATE:	18 th December 2011
NUMBER INSTALLED IN ENERGY NETWORKS NORTH:	1 (SSE unit installed in SPEN site)
NUMBER INSTALLED IN ENERGY NETWORKS SOUTH:	0
REASON:	Potential failures of UJN-36 cast resin VTs with porcelain insulators.
STATUS IN INITIATING COMPANY:	Set up Risk Management Hazard Zones (RMHZ) of 10 metres around all Arteche Type UJN-36 33kV VTs. No further Arteche UJN-36 VTs with porcelain insulators to be installed. The restriction shall remain in place until existing units have been replaced.
SPEN APPLICATION:	SPEN have none of these units installed however Scottish and Southern Energy have one of these units installed in our substation at Strathleven GSP in Clyde Zone. The control diagram will be updated and labels posted on site alert operations staff to this issue until the unit is replaced.
ADDITIONAL INFORMATION:	None.
UPDATE:	None.
REMEDIAL ACTION:	None.

8. SOP HEADER

Field Name	Field Value	Field Size
Name (SOPXXX) *	SOP379	6
The reason for the Operational Restriction *	Failures of UJN-36 VTs	30
Nature of the Operational Restriction *	Set up RMHZs. Replace existing units.	50
Comments *	SPEN have none installed. SSE have one in our substation at Strathleven GSP. Control diagram will be updated and labels posted on site alert operations staff to this issue until the unit is replaced.	200
Restricted Access to Substation Flag *	N	1
SOP Impact Code * (highlight or underline the appropriate code)	0 Temporary/Impact under assessment <u>1 Very minor operational/network impact</u> 2 Moderate operational/network impact 3 Significant impact on system perf./measurable business costs 4 Inoperable without intervention 5 Inoperable – no cost effective solution/must be replaced	N/A
SOP component type * (highlight or underline the appropriate code)	01 Bushing only 02 Circuit Breaker 03 Fixed Portion only 04 Moving Portion only 05 Switch 06 RMU <u>07 Transformer only</u> 08 Tap Changer only 09 Transformer & Bushing 10 Transformer & Tap Changer	N/A
Search Criteria *	Manufacturer: Artech Model: UJN-36	N/A

* This denotes a Mandatory Field