

1. SCOPE

This document details the application of SOP 344 (Applicable to the Novexia Pole Mounted Switch) issued by the Energy Networks Association.


2. ISSUE RECORD

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Issue Date	Issue No	Author	Amendment Details
June 2007	1	Geoff Wood	Initial issue

3. ISSUE AUTHORITY

Author	Owner	Issue Authority
Geoff Wood Policy & Standards Engineer	Alastair Ferguson Plant Engineering Manager	Alastair Ferguson Plant Engineering Manager 

4. SOP DETAILS

SWITCHGEAR TYPE:	Novexia Auguste Pole Mounted Switch (Soule).
ORIGINATING DNO	SP PowerSystems Ltd
DATE:	01 June 2007
NUMBER INSTALLED IN ENERGY NETWORKS NORTH:	TBC
NUMBER INSTALLED IN ENERGY NETWORKS SOUTH:	TBC
REASON:	Potential dislocation of retaining circlip within “safety lock” interlocking mechanism. (See Additional Information below)
STATUS IN INITIATING DNO:	Switches may not be used as a “point of isolation” until modified by replacement of the pin retained by circlips with an approved alternative.
SPEN APPLICATION:	SOP initiated and applied in Energy Networks. (See Additional Information below)
UPDATE:	
REMEDIAL ACTION:	Most modifications have already been completed any outstanding will have the SOP indicated on the ICOND diagram.

5. ADDITIONAL INFORMATION

The initial supply of “Hookstick” mechanisms with Novexia Auguste (Soule) switches used a plain interlock pivot pin, retained by conventional external spring steel circlips. The pin had no machined grooves for circlip location, making dislocation of the circlips possible, and disabling the interlock function, which in turn might allow the switch to be closed using a “Hookstick”, despite the “Safetylock” feature appearing to be engaged.

There are three approved modifications. Newly supplied “Hookstick” mechanisms may have the pivot pin replaced by a similarly sized bolt with a nut and locknut, or may have a plain pin retained by split pins inserted through a cross-drilled hole. Units modified by ScottishPower stores have the pivot pin replaced with a bolt and nut and lock nut. See Technical Express – http://psportal.scottishpower.com/publish/Document/fb7e9_1129441682b_-7fd20a098b8b?rev=1&action=download&_property=Attachment

Units modified “in situ” will have the pivot pin replaced with a bolt and “nylock” nut.