

1. SCOPE

This document details the application of SOP 201 (Applicable to ABB Sentinel 11kV Ring Main Units) 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
October 2000	1	Esther Stewart	Initial Issue in New Format: 2 Page Document
May 2023	2	Benjamin Hughes	New format with SOP header.

3. ISSUE AUTHORITY

Author	Owner	Issue Authority
Benjamin Hughes Lead Engineer Engineering Design & Standards	Jon Ruiz De Aguirre Substations Manager	Fraser Ainslie Head of Engineering Design and Standards

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.

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	3
8. SOP HEADER	4

7. SOP DETAILS

EQUIPMENT TYPE	ABB Sentinel 11kV Ring Main Units
ORIGINATING COMPANY	London Electricity Board
DATE	12/03/98
NUMBER INSTALLED IN ENERGY NETWORKS NORTH	0
NUMBER INSTALLED IN ENERGY NETWORKS SOUTH	300 (26 affected)
REASON	Ring switches indicating ON after a closing operation were found to be open on two phases. Plastic shrouds on early units can become detached within the switch due to vibration. It is possible for the shrouds to become lodged between the fixed and moving contacts preventing correct operation of the switch from OFF to ON.
STATUS IN INITIATING COMPANY	Embargo on the operation of ring switches. The embargo is lifted on the operation of the Right-Hand Switch only when the Left Hand (No1) switch is correct in the CLOSED position.
SPEN APPLICATION	RESTRICTION Operation of the ring switches from OFF to ON is not permitted with any portion of the unit live. This switching action is only permissible under a PFW, where the requirement is to prove the continuity of the closed RSWs prior to remote energisation. There is no restriction of the ON to OFF, OFF to EARTH and EARTH to OFF Operations of the RSW.
ADDITIONAL INFORMATION	
UPDATE	07/10/98 – Serial number range of affected units revised to (001 S01) - (185 S01).
REMEDIAL ACTION	SOP is permanent.

