

# ASP General Information Network Compliance & Authorisations

**Alert Number: GI08\_23**

**17 July 2023**

## **Subject: Temporary Supply Issue – HV Surge Arresters**

Dear ASPs,

There is a temporary supply constraint with the 9kV rated surge arrester S/C 111948 which is used on various equipment throughout Ausgrid's 11kV Network.

The following 12kV rated surge arrester has been identified as a suitable alternative to relieve the temporary supply constraint with the 9kV rated arrester.

- A 12kV arrester from Acculec with the same form factor as the existing 9kV rated unit.
- A 12kV arrester from Siemens with Part No. 3EK7 120-4CC4-Z M50 P50

### **Action Required:**

There is no change to existing practices when using the 12kV Acculec product as it has the same form factor as the existing stock arrester.

The Siemens arrester is larger than the existing stock arrester, and the following issues have been identified:

- Not supplied with a wildlife cap. S/C 185141 may be used for the cap.
- UGOH standard construction drawing 160354-1, the cover S/C 176721 will not fit the Siemens arrester. The cover is undergoing modifications by the supplier to suit a variety of 11kV surge arrester types however will not be available for some time. The cable cover shall be fixed to the overhead dropper via a cable tie to prevent cover vibration. Predrilling of the cover is acceptable.

Please be aware that when ordering S/C 111948, which was previously supplied with a 9kV rated arrester, a 12kV rated version may be received and is acceptable as an alternative to be installed on Ausgrid's Distribution Network at this time.

**Ausgrid**

**Network Compliance & Authorisation**