

Safety Alert – SA443

CST (brand) Drop Out Fuse Failure



be mindful
be present
be safe

Incident	Description	
<i>Date of Event:</i> 06/11/2018	<i>Time:</i> 12:51	<i>Location:</i> Te Ruihi Road – M254
<i>Event Description:</i>	At approximately 12:51 pm on the 6th November a customer called to report part power. A Northpower Faultman attended and found that an 11kV Drop Out feeding D-sub M254, [REDACTED] had broken off at the base. The likely cause of the failure was corrosion of the metal base of the Drop Out, where it meets the porcelain. The corrosion has caused the metal to expand and break the porcelain. Figure 1: Broken Cut Out This is the second failure of the [REDACTED] branded Drop Out in a fortnight with the same failure mode.	
<i>Potential Outcome:</i>	These Drop Outs have the potential to fail at any time, whether under a switching operation or not.	
<i>Actions Required / Messages:</i>	Northpower GIS does not show any of the [REDACTED] branded Drop Outs on the network. It has been assumed that these have been installed under trial. If any [REDACTED] branded Drop Outs are found on the network, do not operate if they are showing signs of corrosion, please notify the Network Control or Dispatch to organise replacement.	
<i>Incident Contact Person:</i>	Shaun Brown – Distribution Engineer – 021 874 149	