TRANSPOWER FIRST ALERT

Arteche CH-123 CT

Over last month three 110kV Arteche Current Transformers failed. In one example at McKee, porcelain fragments were scattered around the surrounding switchyard area for approximately 10 metres.

Immediate actions

- At this stage the failures have been limited to the Arteche CH-123 CT of 2011 year of manufacture (list below).
- A 10 metre exclusion zone is to be established around all listed in-service CT's until further notice.

Site	Site Description	Device Position
HAM	Hamilton	HAM-CT-162
HAY-DC	Haywards DC	HAY-CT-142
HAY-DC	Haywards DC	HAY-CT-162
MKE	McKee	MKE-CT-102
MNG	Mangere	MNG-CT-242
MPE	Maungatapere	MPE-CT-302
PAO	Piako	PAO-CT-CT232
PAO	Piako	PAO-CT-CT212
WDV	Woodville	WDV-CT-CT92

At this preliminary stage of the investigation, the root cause of the fault has not been determined. The 10 metre exclusion is being established for precautionary purposes. Equipment failure modes can vary. While failures such as at McKee are rare, care should always be taken when working around live HV equipment.

For more information, please contact:

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