

Distribution System Control Component Setting and O. Reg. 22/04 Requirements

Distribution Company Awareness

There have been questions and requests from some LDCs and Auditors regarding if the task of changing a breaker relay setting at a substation falls under the requirements of Regulation 22/04.

ESA Direction

Control components of protection equipment such as a relay for a breaker or recloser is the intelligent component of a device. The setting of control components of a distribution system requires engineering to determine the appropriate setting based on parameters such as voltage, current and time; therefore would fall under Regulation 22/04.

The action of setting the control component will require a Certificate of Approval (Section 7) and Record of Inspection and Certificate (Section 8) to be completed.

Questions and Answers

Question 1:

Does performing maintenance on a breaker require relay settings to be reviewed?

Answer 1:

No

Question 2:

How often does the breaker setting need to be reviewed?

Answer 2:

Reviewing of the breaker setting would depend on the LDC's policy.

ESA Recommends

The field staff involved with the setting of control components for protection equipment understand the requirements to complete a Certificate and Record of Inspection.

Reviewing the control component settings when significant changes are made to the system.