

Situation statement

Project Name : KAVS Relay product upgrade
Group code : NEXT81_ONL1_ERP8_M1d
Revision : 01
Project Manager : Amr Said Elhusseiny Abohatab
ID in DEPI : 21034109
E-Mail : eng.8726@gmail.com

The situation statement is to clearly define and describe the current problem, challenge, or opportunity that a project, initiative, or decision aims to address.

A METZ is leading company in protection systems and digitalizing the power grid faces a problem in one of it's products which is in service. Operational experience in the electrical network showed that the tripping time of KAVS protection relay is relatively long. It is about 80ms. When adding this time to the operating/opening time of the circuit breaker it will result in a very long time to clear the fault which in turn has a bad consequences on the network safety and stability. The normal relay operating time shall be 20ms at most.

Effect

Customer's electrical equipment/network may be subjected to damage.

Impact

The company product sales of KAVS Relay will be decreased

Need

Solve the problem