HOW TO: Turn off instantaneous tripping of PCD before a thunderstorm

This document provides the step-by-step instructions for setting up the PCD to turn off instantaneous trips before a thunderstorm. Instructions are also included to turn OFF instantaneous tripping, from SCADA, and subsequently turn it back ON.

Call 1-800-929-7947 option 5 or +1-407-732-2510 for this issue or any other questions.

Instructions

Using WinPCD, perform the following steps to configure the PCD.

1. Map ULO1(or ULO2-7) programmable output to feedback FB1, as shown.
2. Map 50-1 logical input to FB1 OPEN, as shown.
The SCADA master will then issue the commands to turn instantaneous tripping ON and OFF.

3. Issue a SCADA control command to Latch On ULO1 output using DNP binary output point 42, as shown. This will turn OFF instantaneous 50-1 tripping.
4. To turn instantaneous tripping back ON, send DNP command to Latch OFF binary output point 42.

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