

IEC 61850 User Feedback Task Force - Feature #576

Distance protection: Distance protection - 1 phase and 3 phase zone extension signals are missing

02/03/2021 02:07 PM - Herbert Falk

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Standard extension required	Estimated time:	0.00 hour
Target version:		To discuss in WG10:	No
ID:	48	Short Proposal:	To revise PDIS and extend with additional signals (zone extension)(19-06-06) To create Use-case with different scenarios in order to clearly define scope of application (Vladan C)
Source:	ENTSO-E	Standard(s):	IEC 61850-7-4
TF Unique ID:	48 # ENTSO-E	Needs More Information:	Yes
WG10 Proposal:		Assigned TF:	
Estimated Completion:	2020/02		
Discuss in Upcoming Meeting:	No		

Description

Distance protection: Distance protection - 1 phase and 3 phase zone extension signal missing

The zone extension is activated by the status of the autorecloser and the status of the teleprotection: if the autorecloser is in service and the teleprotection is out of service we extend the Z1 from 80% of the line to 100% of the line in order to trip on all faults on the full line is base time.

History

#1 - 02/03/2021 02:56 PM - Herbert Falk

- Status changed from New to In Progress

#2 - 02/11/2021 07:11 AM - Vladan Cvejic

- Subject changed from Distance protection: Distance protection - 1 phase and 3 phase zone extension signal missing

The zone extension is activated by to Distance protection: Distance protection - 1 phase and 3 phase zone extension signals are missing

- Short Proposal changed from To revise PDIS and extend with additional signals (zone extension)

(19-06-06) To create Use-case with different scenarios in order to clearly define scope of application (Vladan C) to To revise PDIS and extend with additional signals (zone extension)(19-06-06) To create Use-case with different scenarios in order to clearly define scope of application (Vladan C)

- Standard(s) set to IEC 61850-7-4

- Discuss in Upcoming Meeting set to No

Checking done.

#3 - 12/06/2022 09:37 AM - Vladan Cvejic

- Status changed from In Progress to Closed

- To discuss in WG10 set to No

- Needs More Information set to Yes

Since there is no representation from ENTSO-E anymore we can close these tickets for now. Additionally, we can eventually re-open if in the future similar needs are identified by other users.