

IEC 61850 User Feedback Task Force - Feature #578

Busbar protection: End Fault protection - model definition required.

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:	50	Short Proposal:	To create new LN (name: REFP)(19-06-06) To create Use-case with different scenarios in order to clearly define scope of application (Vladan C). Possible new LN PSTB
Source:	ENTSO-E	Standard(s):	IEC 61850-7-4
TF Unique ID:	50 # ENTSO-E	Needs More Information:	Yes
WG10 Proposal:		Assigned TF:	
Estimated Completion:	2019/09		
Discuss in Upcoming Meeting:	No		
Description			
Busbar protection: End Fault protection It is related to dead zone (to protected small section between breaker and CT). In most cases, bus coupler is not having 2 CTs across the breaker to create overlapping zones and protect dead zone. Thus, with supervision of CB position (if breaker is open) and measuring threshold current of respective CT, BBP can be triggered to clear the fault in dead zone (solution depends on position of CT relative to protective zone). In existing vendor solutions today, extension of modeling is used to create REFP (protection related function End Fault Protection). It should be defined in IEC 61850 model.			

History

#1 - 02/03/2021 02:57 PM - Herbert Falk

- Status changed from New to In Progress

#2 - 02/11/2021 07:10 AM - Vladan Cvejic

- Subject changed from Busbar protection: End Fault protection

It is related to dead zone (to protected small section between breaker and CT).

In most to Busbar protection: End Fault protection - model definition required.

- Short Proposal changed from To create new LN (name: REFP)

(19-06-06) To create Use-case with different scenarios in order to clearly define scope of application (Vladan C). Possible new LN PSTB to To create new LN (name: REFP)(19-06-06) To create Use-case with different scenarios in order to clearly define scope of application (Vladan C). Possible new LN PSTB

- 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.