

IEC 61850 User Feedback Task Force - Support #580

Voltage protection: Undervoltage protection - 3ph operate

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

Status: Resolved	Start date: 02/16/2021
Priority: Normal	Due date: 08/16/2021
Assignee:	% Done: 0%
Category: Standard extension required	Estimated time: 0.00 hour
Target version:	
ID: 52	To discuss in WG10: No
Source: ENTSO-E	Short Proposal: ENTSO-E to submit additional information.
TF Unique ID: 52 # ENTSO-E	Standard(s): IEC 61850-7-500
WG10 Proposal:	Needs More Information: No
Estimated Completion:	Assigned TF:
Discuss in Upcoming Meeting: No	
Description	
Voltage protection: Undervoltage protection - 3ph operate	
Proposal descriptions	
To be examined in 7-500 TF. (See #579)	
Related issues:	
Copied to 61850-7-5 and 61850-7-500 - IEC61850-7-5 #6385: Voltage protection:...	New 02/16/2021 08/16/2021

History

#1 - 02/15/2021 12:52 PM - Vladan Cvejic

- Category set to Standard extension required
- Status changed from New to In Progress
- Standard(s) set to IEC 61850-7-4, 7-5
- Discuss in Upcoming Meeting set to No

Checking done.

#2 - 02/16/2021 04:04 AM - Vladan Cvejic

- Status changed from In Progress to Triage
- Short Proposal set to ENTSO-E to submit additional information.
- To discuss in WG10 set to No

ENTSO-E to submit additional information.

#3 - 02/16/2021 04:11 AM - Vladan Cvejic

- Due date set to 08/16/2021
- Start date set to 02/16/2021

#4 - 02/13/2022 02:16 PM - Tom Berry

I think the requirement is to produce Op and Tr signals when there is an undervoltage on all 3 phases = an AND function. As standard, the PTUV.Op is an OR function - at least one phase is under-voltage

Proposal : add a setting

NumPhsStr ENG Number of phases to start detection: values 1,2,3. If the DO is not present detection starts when one phase is undervoltage
See issue [#579](#)

#5 - 03/01/2022 09:09 AM - Vladan Cvejic

- Status changed from Triage to Resolved
- Proposal descriptions updated

#6 - 05/09/2023 09:05 AM - Carlos Rodriguez del Castillo

- Standard(s) changed from IEC 61850-7-4, 7-5 to IEC 61850-7-500
- Needs More Information set to No

#7 - 06/14/2023 08:19 AM - Vladan Cvejic

- Copied to IEC61850-7-5 #6385: Voltage protection: Undervoltage protection - 3ph operate added