

IEC 61850 User Feedback Task Force - Feature #612

Need to create a new LN of group P (Protection), as "PCDP" to represent the Pole Discrepancy Protection.

02/15/2021 01:06 PM - Carlos Rodriguez del Castillo

Status:	Resolved	Start date:	10/07/2020
Priority:	Normal	Due date:	08/16/2021
Assignee:	Carlos Rodriguez del Castillo	% Done:	0%
Category:	Standard extension required	Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
ID:	11	Discuss in Upcoming Meeting:	No
Source:	RTE	To discuss in WG10:	No
TF Unique ID:	11 # RTE	Short Proposal:	To create PDSC logical node definition in 7-4 ed3
WG10 Proposal:		Standard(s):	IEC 61850-7-4
Estimated Completion:	Edition 3 of IEC 61850-7-4		
Description			
This protection is used to detect the pole discrepancy and send, after a waiting time, a general trip order. Needed for some PACS functions.			
Proposal descriptions			
Since 7-500 proposes PDSC, it could be defined in Edition 3 of 7-4.			
Related issues:			
Copied to IEC TC57 WG10 Future Work - WG10FutureWork #5944: Need to create a ...		New	10/07/2020 08/16/2021

History

#1 - 02/15/2021 01:09 PM - Carlos Rodriguez del Castillo

- Status changed from New to In Progress
- Short Proposal set to To be checked
- Discuss in Upcoming Meeting changed from No to Yes

Today we have XCBR.Dsc for instantaneous discrepancy in the XCBR representing the 3-pole breaker. DscDLTmms with the filter time. But we do not have an extra time to decide tripping. We had this discussion inside ENTSO-E. We will check it. In principle, we could define a new protection logical node.

We have to review also 7-500.

There is another issue related to this possible new logical node from ENTSO-E

#2 - 02/16/2021 04:11 AM - Carlos Rodriguez del Castillo

- Due date set to 08/16/2021
- Status changed from In Progress to Triage
- Proposal descriptions updated
- To discuss in WG10 set to No

#3 - 03/02/2021 09:18 AM - Carlos Rodriguez del Castillo

- Status changed from Triage to In Progress
- Assignee set to Carlos Rodriguez del Castillo
- Short Proposal changed from To be checked to To create PDSC logical node definition in 7-4 ed2.2
- Estimated Completion set to Amendment 2.2 of 7-4
- Proposal descriptions updated

2021-03-02: Dsc exists as a DO. RTE is requiring this to be protection function capable of accepting settings. Today there is a setting DscDITmms for

filtering the transient position. RTE is requiring a setting for the tripping.
7-500 propose in 12.4 the PDSC logical node, but it is not in 2.1
Carlos to CHECK WITH HENRY before setting in Resolved state.

#4 - 06/21/2022 08:25 AM - Carlos Rodriguez del Castillo

Confirm if there will be 7-4 amendment 2.2 and if PDSC will be included in such amendment

#5 - 07/05/2022 08:17 AM - Vladan Cvejic

- *Status changed from In Progress to Resolved*
- *Estimated Completion changed from Amendment 2.2 of 7-4 to Edition 3 of IEC 61850-7-4*
- *Discuss in Upcoming Meeting changed from Yes to No*
- *Proposal descriptions updated*
- *Short Proposal changed from To create PDSC logical node definition in 7-4 ed2.2 to To create PDSC logical node definition in 7-4 ed3*

#6 - 08/09/2022 08:17 AM - Vladan Cvejic

- *Copied to WG10FutureWork #5944: Need to create a new LN of group P (Protection), as "PCDP" to represent the Pole Discrepancy Protection. added*