

IEC TC57 WG10 Future Work - WG10FutureWork #5943

New LN of group L (as "LTED") to represent the dynamic topology of the substation.

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

Status:	New	Start date:	10/23/2020
Priority:	Normal	Due date:	
Assignee:	Carlos Rodriguez del Castillo	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Short Proposal:	New task force to address the work.
Source:	RTE	Standard(s):	
TF Unique ID:	15 # RTE	Needs More Information:	
WG10 Proposal:	Was addressed in last WG10 plenary meeting. Decision: It has to be addressed in a Task Force. In order to create the TF, we have to wait for another existent TF to finished. Open: WG17 or WG10 to lead the work.		
Discuss in Upcoming Meeting:	No		

Description

Details:

Some functions need to know the current topology of the substation.

For doing that,

- 1 LN LTED is instanciated for each feeder connected to the busbar and for each busbar segment.
- EInodeRef indicates the reference number of the electrical node of the busbar to which the LN is associated, calculated on the base of its actual topology (disconnecter and circuit breaker position).
- EInodeNum indicates the total number of electrical nodes into which a busbar is splitted on the base of its actual topology (disconnecter and circuit breaker position).
- EInodeVTRef is used by the LD publishing voltage information (SV or PhV). Only one LD can adopt the number of the Electrical Node. This LD published the busbar voltage reference for corresponding electrical node, indicating if this voltage is to be used as voltage reference for an Electrical Node. If not, its value is set to zero.

Argument: Needed for some PACS functions.

Related issues:

Copied from IEC 61850 User Feedback Task Force - Feature #619: New LN of grou...

Resolved

10/23/2020

History

#1 - 08/09/2022 08:17 AM - Vladan Cvejic

- Copied from Feature #619: New LN of group L (as "LTED") to represent the dynamic topology of the substation. added