27.12.2017

Workshop – WAVE 2018

Topic - Demonstration & Implementation of Generic object oriented substation event as per IEC61850-7-2

Venue – College of Engineering, Guindy, Chennai

Speaker – Bhaskar Sahu, AGM Technical IED, Schneider Electric, Chennai

      P S Arun Kumar, Manager Application, Schneider Electric, Chennai

Date -

Duration – 1 Day

Time – 9.30 am to 4.00 pm

Resource required to be arranged by CEG

1. Desk top projector
2. White board with marker
3. Table 1 mt x 1 mts
4. 230 V AC Power source with Extension cord (3 AC points)
5. Mike & sound system if no. of audience is large / hall size is big.

Material which will be brought by Schneider

1. 2 No. IED/ Relays
2. 1 No. Ethernet switch
3. Patch cables - Set
4. Connecting lead & wires - Set

Agenda

Session	Session Topic	Contents	Time
	Introduction		09.30 am to 09.45 am
Session 1	IEC61850 Introduction & Overview of Generic object oriented substation event	IEC61850 standard Introduction IEC 61850 GOOSE What? Why? Client – Server definition Data modeling / Substation configuration/ Interoperability	09.45 am to 11.15 am
Session 1	Session 1 Question & Answers		11.15 am to 11.30 am
Session 2	Demonstration of Generic object oriented substation event as per IEC61850-7-2	Configuration tools overview Configuration of the IED's Interoperability between two makes of IEDs in a substation. Demonstration/ Testing	11.30 am to 01.00 pm
	Lunch Break		01.00 pm to 02.00 pm
Session 2	Session 2 Question & Answers		02.00 pm to 02.15 pm
Session 3	Implementation of Generic object oriented substation event as per IEC61850-7-2 (Case study)	Case No. 1 – Philosophy, working principle, deployment Case No. 2 – Philosophy, working principle, deployment	02.15 pm to 03.45 pm
Session 3	Session 3 Question & Answers & Conclusion		03.45 pm to 04.00 pm

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