

EE 5240 – Practical Experience on setting up CID and SCD files in XML format. Also GOOSE IDs.

Refer to video lectures 27 through 30.

Work with your project team, use homework cover sheet. Submit by Wed April 13th, before class. You are free to communicate with other teams to share tips and methods. The goal is that everyone should go through this process of developing a CID and datasets.

Question 1 . For the Scheme given,

- a) Identify which relays would be suitable from the SEL product line of relays for the scheme.
- b) Develop the CID (Configured IED description) and SCD (Substation Configuration Description) files. You can use SEL Architect for the configuration.
- c) On completing the configuration, verify the datasets, IP addresses, MAC addresses, AppID's and GOOSE ID on XML marker. Also attach the XML files of the SCD.