# Current topics for SEL to cover on the 1/22/24 IBRWG meeting

In response to discussion and questions raised at the December IBRWG meeting, Senior Application Engineer Tom McQuilken, from Schweitzer Engineering Laboratories (SEL), has agreed to come and present information and answer questions concerning SEL DME equipment. Tom was not available for 1/12/24 but was available on 1/22/24. The following topics are his focus but we can still modify or provide additional feedback to make the discussion as valuable as possible and appropriately allocate the meeting duration:

* Capabilities of different models of existing and new relays that may meet the proposed NOGRR 255 requirements. In particular storage capacity relative to retention windows, resolution of data, and capture windows.  Can storage be upgraded?  How complicated is it?
* Retention periods for PMUs. What are capabilities at 60 samples per sec (and at 30) for different models.  Can storage be upgraded?  How complicated is it?
* A general understanding of the differences between some of the models and their primary function vs their auxiliary capabilities. Some may benefit from understanding more general information like what a multifunction relay is or even the difference between an electro-mechanical vs digital relay. It would be helpful to know if different upgrades or add-ons are needed to meet certain functionality.
* May be good to understand the different file type exports.
* May be good to understand some of the different naming conventions and or good practices to consider up front to make life easier in accessing and extracting the data.
* Which elements can meet time synch requirements.  Several different ones but most stringent is for the IBRs (+/-1 microsecond), several others are at 100 microsec.
* May be good to understand lead times for various equipment or upgrades as well as anticipated product availability with perhaps a large influx of new equipment needed to meet requirements both in ERCOT and the greater North America when PRC-028 comes out.
* If possible, it may be good for us to know the other large competitors in this space if you were comfortable to share.