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PILOT PROJECT GRID SCALE BESS IN EGAT SYSTEM

S. Prungkhunmuang, J. Piphatmongkolporn, W. Aphichato

Question PS1.2 Are the specifications and requirements for new applications (e.g. BESS and Sync Comps) and their role in power systems adequately well understood?

Wasin Aphichato
Electricity Generating Authority of Thailand
Thailand

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Depending on Specific Location and functions.

BESS and other Power electronics based devices are designed for specific locations.

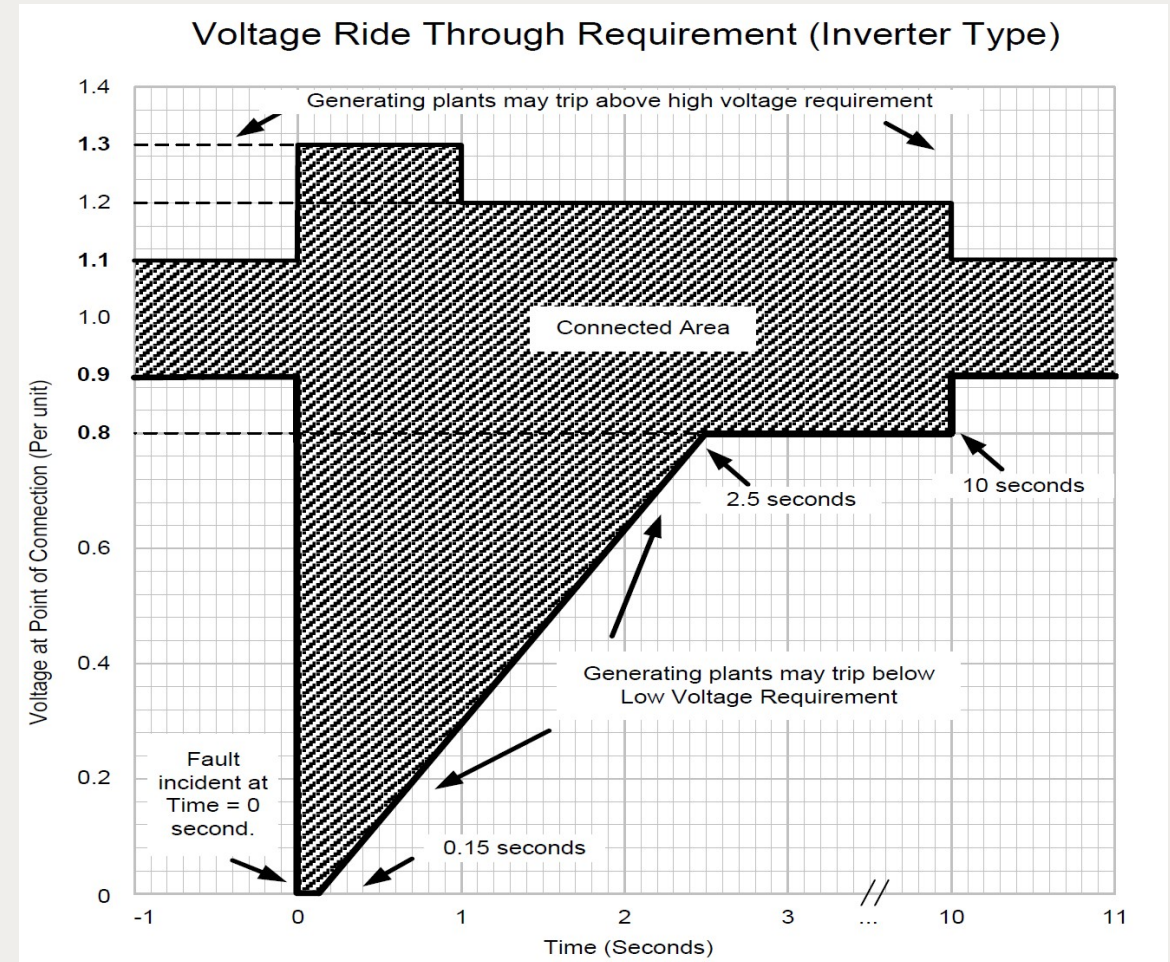
The user shall clearly define and/or use the software to simulate what system need.

- The functions and applications
- Response time
- Control and Monitoring system
- Economic analysis
- etc.

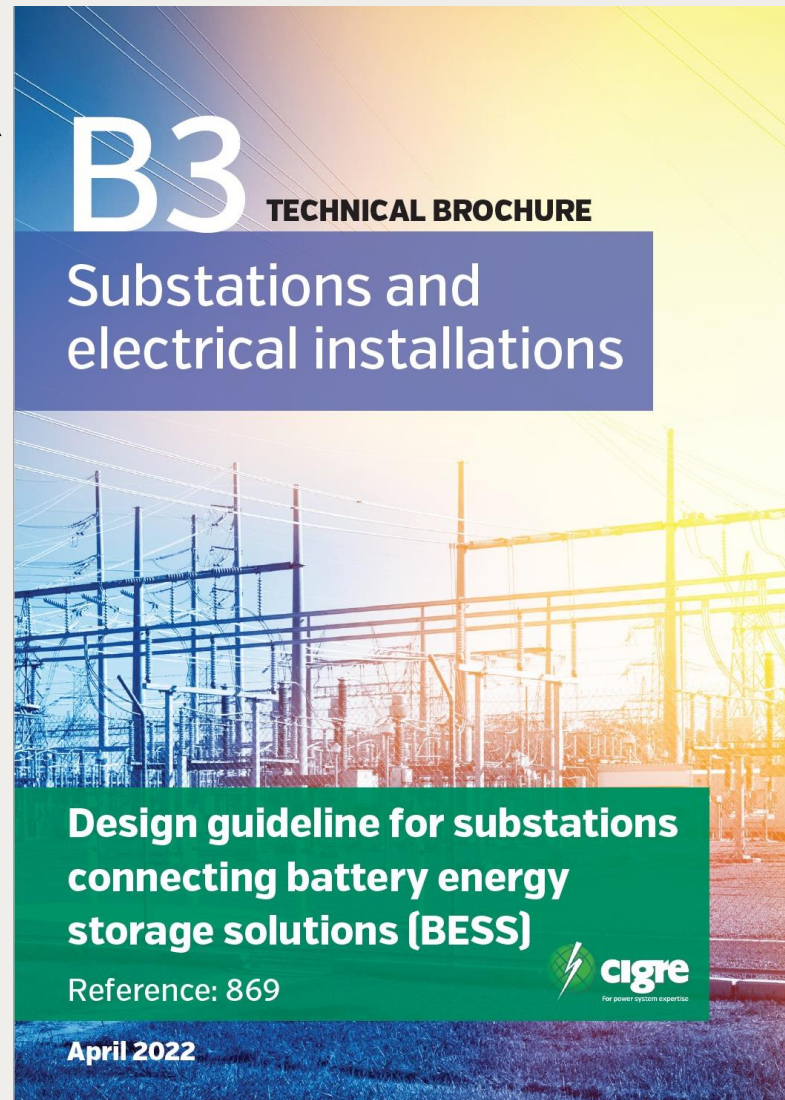
However, the general information as in your national grid code are followings;

- Voltage regulation
- Frequency regulation
- High Voltage Ride Through (HVRT)
- Low Voltage Ride Through (LVRT)
- Other regulations

Group Discussion Meeting



TB 869 may be a guideline for real implementation.
www.e-cigre.org



Contents:

1. Introduction
2. Technical Requirements for a BESS connected Substation
3. Substation design
4. Installation and commissioning
5. Maintenance
6. Conclusion and recommendation

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