

- c. **Communication Layer**, as part of the communication infrastructure and used by the electric system as part of it and for critical purposes.
- d. **Cyber Layer**, as the assembly of electronic and IT equipment that supports the Electric System for critical purposes.

The four Layers have specific functionality and can be differently hurt by natural or malicious causes.

To protect itself for these incidents, different protections and countermeasures can be adopted:

- a. **Part of the procedures** of infrastructure protection oriented to defend the system against natural ordinary causes, with a certain probability to take place, like overloads or short circuits. These procedures has been developed, tested and developed in recent years.
- b. **Part of emergency procedures** oriented to limit the extension and deepness of any incident or to accelerate the system restoration. These procedures had the peculiarity to be specifically designed for each system and for each system condition.
- c. **Part of new standards** oriented to deal with malicious actions against the whole system or parts of it. These Standards will be evaluated for different situation and in different systems.

