

SC C6 - 2010 Preferential subjects

1. Planning and operation of networks incorporating Dispersed Energy Resources (DER) and Renewables (RES)

- *Performance characteristics of distribution networks with high penetration of DER/RES, Operating experiences*
- *Effect of large scale integration on reliability*
- *Provision of ancillary services by DER/RES*
- *Regulatory schemes to support DER/RES*

2. Demand Side Integration

- *Load characteristics of appliances*
- *Practical experiences of demand side integration through pricing*
- *Impact of electric vehicles connection to the Grid (challenges and opportunities)*

3. New concepts and technologies for the electrification of rural and remote areas

- *Microgrids*
- *Advanced grid based concepts and renewables*
- *Developing rural electrification projects, including financial and commercial issues*
- *Practical experiences, including upgrading the system and/or connection to the grid*