











## Requirements about the duties to provide information about power quality

- Network companies are obliged to upon requests provide the following information to existing and future customers:
  - Nominal voltage level, limits for each voltage quality parameter
  - Results from mandatory fault analysis
  - Results from mandatory registration of interruptions and voltage quality
  - Estimate the present and future number and duration of short and long interruptions (point of connection)
  - Estimate present and future voltage dips and swells (supply area)
  - Calculate min/max short circuit power in point of connections above 1 kV
  - Special circumstances that may influence the quality of supply

19. nov. 2009









Obligation:

11

- Network companies are obliged to continuously register voltage dips, voltage swells and rapid voltage changes within their own grid above 1 kV.
- Costs related are covered by each company.
- The number of instruments and choice of voltage levels:
  - Balance the number of instruments and related costs
  - Trustworthy statistic
  - Characteristically networks

19. nov. 2009







![](_page_7_Figure_0.jpeg)

![](_page_7_Picture_1.jpeg)

![](_page_8_Figure_0.jpeg)

![](_page_8_Picture_1.jpeg)

![](_page_9_Picture_0.jpeg)