

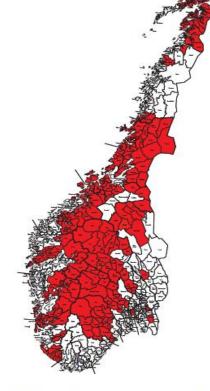
## CEER Hearing Guidelines of Good Practice on retail market design

# The role of the DSOs in the future electricity market



The Norwegian Association of Local and Regional Enterprises (NALRE)

- 500 members
- 110 energy companies
- 100 DSOs
  - Mostly the small and medium companies
- NALRE (KS Enterprise) is located in Oslo





### Harmonised European energy market

- Step by step
- The experience from Norway
  - Nordic market since 1996 (Sweden) 2000 (Finland and Denmark)
    - Still developing
  - Norwegian end-user market since 1995 (1992)
- Agree with aims
  - More active customers
  - Build customers trust
  - Efficient and reliable day to day trade



#### The DSOs role

- DSO neutral market facilitator important and central role
- Essential that the DSOs can facilitate the needs of the other players
  - Customers
    - Consumers
    - Local production
  - Suppliers
  - Others
    - Authorities (taxes information)
    - Service companies



#### **Billing**

- The customer should be offered at least one method which is easily accessible
  - Improve customer trust
- The customer should always have a choice in the frequency for billing
  - Improve customer trust
  - Monthly payment can reduce the suppliers and DSOs financial risk
- Information on making an enquiry or launching a complaint specifically about the content of the bill should be clearly displayed on the bill
  - Improve customers trust
  - Web site



#### Contact point for the customer regarding billing

- A question from the customer regarding the bill is probably a complaint
  - The issuer of the bill must be able to answer questions
  - Will strengthen the customers trust
- DSO has to be the contact point on grid questions
- In the close future bills on paper and in envelope are history
  - Billing information will have to be presented on a screen
- Information from the supplier and DSO can be sent separately



#### Considering different market models

- Suppliers
- Customers
  - Natural, efficient and logical to seek help with the DSO when problems or questions regarding the grid occur
  - Knowledge and a fast answers will build customers trust
- DSO central regarding connection to the grid
  - Prosumers / new consumers / production
  - Smart Metering
  - Smart Grid
- With Energy efficiency measures, the DSOs will have to play an important role, to monitor and guide customers



#### Cost benefit analyse is needed

- High financial risk for DSO if the supplier has full billing obligations
- Combined billing only if the DSO finds that it serves the customer and the DSO
- Combined billing regime will favour the big suppliers
- Taxes are better handled by the DSO the Norwegian experience
- It should be carried out a cost-benefit analysis on the different roles for the market actors
- The Nordic countries are doing a cost benefit analysis on different billing regimes – autumn 2011



#### The DSOs role in the future electricity market

- The DSOs central role as a facilitator
- Needs to communicate with all the other stakeholders
  - Customers
  - Suppliers
  - Authorities
- We therefore recommend a hybrid voluntary billing regime
  - Agreement between the actors
  - Both DSOs and suppliers have a choice

