

EXECUTIVE SUMMARY

Session 6 – CHALLENGES OF DSO REGULATION & COMPETITIVE MARKET

SUMMARY

The focus of Session 6 in CIRED 2015 was around involving the customer, market & regulation and the challenging DSO business environment. In addition the session covers Smart Grids projects, smart metering and data security, however for smart metering and data security very few papers were received.

In total Session 6 selected 88 papers of which 20 was presented in the oral sessions.

MAIN SESSION 6 - BLOCK 1

Involving the customer

The focus of the block was on the tariffs and the customer role.

This block was attended by a very high number of people (>200). The focus was on the customer, a subtopic to Session 6 that probably will be included in future conferences as well.

MAIN SESSION 6 - BLOCK 2

Smart Grids projects, metering and data security

The focus of this block was on larger smart grids projects and GRID+. One presentation from the Italy covering a CBA for the GREEN-ME project, paper 1658, is worth lifting forward because it was especially good.

Again the block was visited by many people (~200).

MAIN SESSION 6 - BLOCK 3

Market & regulation

The block focused on cost and quality in relation to the regulation. Also flexibility was covered and one presentation for deployment of electricity storage, which was especially interesting with several questions.

The block was visited by many people (~150)

MAIN SESSION 6 - BLOCK 4

More challenging DSO business environment

This last block suffered from a long day. The attendance was slightly lower (~120) and decreased towards the end.

The focus of the block was on the role of the DSO and asset management. Especially the last asset management presentation covering ISO55000 (PAS55), paper 1025, was worth mentioning

ROUND TABLE 12

Future regulation for necessary and effective investment

The round table brought up many interesting topics on what type of regulation we need in the future. Worth noting is the discussion about a Totex based regulation and also ideas of how to move from input to output regulation. Support for development in the regulation is still challenging in some countries

The RT was chaired by professor Jarmo Partanen from Laaperanta University and the panel consisted of the following:

- Eurelectric (Pavla Mandatova)
- Swedish Energy Agency (Ronald Liljegren)
- Italian regulator (Luca Lo Schiavo)

- Dutch regulator (Friso Koel)

ROUND TABLE 14***Information and data management to support active customer and energy transformation***

The RT was chaired by Eurelectric and participants were from:

- Swedish Regulator (Daniel Norstedt)
- Flexiciency project and Enel (Jon Strömsäther)
- European Commission (Valerie Lorge)
- SAP (Maher Chebbo)

Good discussion around the different ways forward in regard to data hubs. For this session the app for questions worked very well and supported good discussions.

ROUND TABLE 16***National and international smart grids roadmaps – where are we now?***

The RT gave insight on the topic of Smartgrids roadmaps, with the following participants:

- Reji Pillai, India Smart Grid Forum
- Kjell Sand, Norwegian Smartgrids centre
- Bo Normark, Swedish Swedish Coordination Council for Smart Grid, and
- Pieter Vingerhoets, European Technology Platform for Smart Grids.

Dag Eirik Nordgård (SINTEF Energy Research and rapporteur of Session 6) was the convenor of the RT. The RT was well attended with approximately 100 in the audience at the most. There were many questions from the audience presented through the Wizembly functionality of the conference app.

RESEARCH & INNOVATION FORUM SESSION 6

N/A

Session 6 does not have a RIF.

POSTER TOURS

Session 6 organized four poster tours corresponding to each of the four blocks of the main session. The tours were quite well attended with 10-30 participants.

CONCLUSIONS

Overall Session 6 has very good experiences from CIRED 2015. Many people visited the main session and we are also satisfied with the number of people attending the poster tours and Round Tables.

In the main sessions the oral presentations were often followed by several questions from the audience which points towards interesting topics and good presentations.

Overall experiences from Session 6:

- 5 papers per oral block is a very good balance.
- Do not mix a block with too many focuses (i.e. oral block 2), however many people attended the block.
- The schedule lasted maybe a bit too long into the late afternoon (17:30) to keep up the interest from the audience; however it is a challenge to include everything.
- The poster session area was well suited for the purpose. The tours were generally well attended with good interaction between presenter and audience.
- The Round tables worked well. Enough time should be reserved for questions from the audience.