

## Final Agenda

### Objective

The objective of this Roundtable is to continue and further enhance the dialogue and the exchange of experience between US and EU Energy Regulators. Bearing in mind recent developments in the energy sector and the challenges ahead, “the new energy system” was selected as this year’s overall theme for the joint roundtable. In the framework of the roundtable, different future challenges will be discussed from this perspective. The first session places its emphasis on building an integrated grid in the context of decarbonisation and the integration of renewables. While the second session focuses on flexibility issues, the third session deals with the challenges of wholesale market monitoring. Sessions four and five cover developments in international energy markets and cyber security, respectively.

### Monday, 25 April 2016

Meeting Room: Salón de Barquillo

9:00 am

#### Welcome

Mr Jose María Marín Quemada, CNMC President

9.05 am

#### Keynote Address

These opening remarks will focus on key developments in the U.S. and EU since the last EU-US energy regulators roundtable (May 2014)

Speakers (20' each):

Mr Travis Kavulla, NARUC President

Lord Mogg, CEER President

9:45 am

#### Session I: Building an integrated grid

Issues of decarbonisation and RES

*A balanced portfolio of cleaner central and distributed energy resources, enabled by the integrated grid, will be important to meet the ambitious goals of the COP21 Paris Agreement. This first part of this session addresses the energy market design and the regulatory changes needed to ensure the integration of renewables into the market.*

Moderator of Session I: Mr Alberto Pototschnig, ACER (10' introduction)

Speakers (20' each):

Mr Fernando Hernandez, CEER

Mr John Betkoski, NARUC

Roundtable Discussion

11:15 am

Coffee break

11:45 am

**Session I: Building an integrated grid (continued)**

*New technologies, both internal to power systems (PV generation, storage, etc.) and external (namely EV and ICT), reshape power systems. The current transformation is guided not only by technological developments, but also by public policies (energy and climate change, etc.); and it is built upon existing, very dynamic wholesale and retail markets. Innovative technologies are being developed that provide increased customer choice and also provide the opportunity to integrate across diverse energy systems. This integration will further the ability to meet consumer requirements for a cleaner, more reliable, affordable and sustainable energy community. This second part of this session on integrated grids will highlight research, development and demonstration needs to harness innovations essential to create a cleaner, economy-wide integrated energy world. As a full understanding of the technical possibilities and restrictions is a prerequisite for a proper re-assignment of roles in smart networks, this session addresses how to reshape power systems in order to maximize freedom, innovation and efficiency while ensuring reliability.*

Speakers (20' each):

Mr Michael Howard, President & CEO of Electric Power Research Institute  
Mr Jorge Vasconcelos, Chairman of New Energy Solutions (Newes)

Roundtable Discussion

1:00 pm

Lunch

2:00 pm

**Session II: Encouraging flexibility**

*The move to a low carbon society increases the need for all sorts of flexibility from grid infrastructure to dispatchable generation, from balancing to wholesale electricity arrangements, and from gas market flexibility to demand-side response. This session addresses flexibility in its widest sense from definitions to system needs, solutions and tools for implementation. It includes a discussion on the US approach to short term markets for energy and ancillary services, and long term planning and procurement. Pricing of reserves, co-optimization of energy and reserve, scarcity pricing, negative prices and reducing network costs will all feature in this exchange of experiences. There will be a particular focus on distribution-level issues and incentivising Demand Side Response (costs and benefits, risks, pricing schemes, roles and responsibilities, market arrangements and aggregation).*

Moderator of Session II: Anne Hoskins, NARUC (10' introduction)

Speakers (20' each):

Mr Garrett Blaney, CEER  
Ms Ellen Nowak, NARUC

Roundtable Discussion

3:30 pm

Coffee break

**4:00 pm**

**Session III: Monitoring wholesale energy trading**

*This session addresses the different frameworks and methodologies in the US and Europe for monitoring wholesale energy markets. Europe's REMIT legislation introduces an EU-wide regulatory framework for monitoring wholesale energy markets at both EU and national level (by ACER and national regulators). Besides data reporting and market monitoring, there will be a practical focus on sharing experiences in detecting and deterring market manipulation and insider trading, challenges faced and lessons learned.*

Moderator of Session III: Ms Annegret Groebel, CEER (10' introduction)

Speakers (20' each):

Mr Volker Zuleger, ACER

Mr Tony Clark, FERC

Roundtable Discussion

**5:30 pm**

**Round up**

6:00 pm

City tour

8:15 pm

*Official Dinner*

## Tuesday, 26 April 2016

Meeting Room: Salón de Barquillo

Breakfast: tbc

9:00 am

### Session IV: International energy markets and future challenges

*The energy sector is undergoing a fundamental transformation, which is partly driven by innovation. This transition is changing markets and how consumers interact with them (e.g. smart meters, energy efficiency services, self-generation etc.). A much greater and active involvement of smaller consumers in the market will be needed. This requires a customer-centric model of regulation. This session addresses what regulators can do to facilitate the development of competitive and innovative retail markets that work in the interest of consumers. It includes a discussion on the development of EU gas hubs and a comparison with Louisiana's Henry Hub.*

Moderator of Session IV: Ms Valeria Termini, CEER (10' introduction)

Speakers (20' each):

Ms Anne Hoskins, NARUC

Ms Patricia de Suzzoni, CEER

Mr Dennis Hesseling, ACER

Roundtable Discussion

11:00 am

Coffee break

11:30 pm

### Session V: Cyber security

*Cyber security is an area of increasing importance globally and for energy regulators. According to Moody's Investor Services, the probability of a successful cyber attack is rising; cyber attacks in the energy sector are becoming more sophisticated and with preparedness varying greatly. This session identifies and promotes good practices amongst energy regulators in terms of cyber-security.*

Moderator of Session V: Mr David Ziegner, NARUC (10' introduction)

Speakers (20' each):

Ms Lisa Edgar, NARUC

Mr Philipp Irschik, CEER

Roundtable Discussion

1:00 pm

### Conclusions and future cooperation

1:15 pm

Lunch