

## *Renewables in the Mainstream*

### *Towards a "Third Way" for electricity market design?*

Invitation-only workshop hosted by

## **IEA Working Party on Renewable Energy Technologies**

To be held on Tuesday 24 March 2015

at MGEN Auditorium, 3, square Max Hymans

(access via 25-27 boulevard de Vaugirard) 75015 Paris

The generation from renewable sources is now at the same level as that from gas and twice that from nuclear generation. Much more is expected and needed to deliver a low carbon energy system, but this raises questions about how energy markets are best operated and regulated to facilitate additional deployment.

- **Where are renewables now being deployed on a commercial basis? What are the factors limiting such growth?**
- **How can liberalised energy markets be adapted to better accommodate high shares of renewables?**
- **What are the key issues for renewables within regulated markets and how can they be overcome?**

The IEA Working Party on Renewable Energy Technologies, with the active participation of its Renewable energy Industry Advisory Board members, will host a workshop bringing together senior decision makers from the key players worldwide: governments from IEA and partner countries, technology providers, utilities and project developers. Discussion of specific and concrete examples will allow a debate on the key elements needed to transform the energy system to one underpinned by high levels of renewable energy supply. The event builds upon IEA secretariat work on policy and market design, including a recent series of workshops within the framework of the IEA Electricity Security Advisory Panel (ESAP). The results of this event will provide an essential contribution to current IEA activities and publications on electricity market design and the IEA Grid Integration of Variable Renewables (GIVAR) programme.

## Programme

### 09:00 Registration

### 09:30 Welcome

- **Martin Schöpe**, REWP Chairman
- **Keisuke Sadamori**, Director for Energy Markets and Security, IEA

### 09:40-11:10

#### Session 1: Competitive renewables markets – What is happening on the ground?

This session will showcase how far renewable energies are currently developing on a purely commercial basis. Key questions will be: What are the most important characteristics of successful projects in the absence of economic support policies? What limiting factors to the deployment on a purely commercial basis can be observed in today's markets?

##### Moderator

- **Seb Henbest**, Head of Europe, Middle East & Africa, Bloomberg New Energy Finance

##### Speakers

- **Marc-Alain Behar**, Group Marketing Manager, Solaire Direct
- **Felix Grolman**, CEO, Grundgrün Energie GmbH
- **Steve Sawyer**, Secretary General, Global Wind Energy Council

### 11:10-11:30 Refreshments

### 11:30-13:00

#### Session 2: Adapting liberalised power markets - Minor tweak or major overhaul?

Wholesale market liberalisation took place in the past decades to increase efficiency of system operations and investments. However, experience with liberalised power markets has been mixed. This session will explore relevant examples where liberalised power markets have been changed or where changes are currently under discussion to better accommodate renewable energies:

##### Moderator

- **Stefan Ulreich**, E.ON SE

##### Speakers

- **Manuel Baritaud**, Senior Energy Analyst, IEA
- **Marco Nicolosi**, Director, Connect Energy Economics GmbH
- **Michael Grubb**, Senior Advisor, UK Energy Regulator Ofgem
- **Albert C. G. de Melo**, Director General, CEPEL

## 13:00-14:15 Lunch

## 14:15-15:45

### Session 3: Adapting regulated markets – How far to go with liberalisation?

The majority of investments into power generation infrastructure is still made in heavily regulated markets. However, a number of countries with ambitious renewable energy plans have recognised the need for change to energy markets. What are the key issues in more regulated frameworks and how can they be overcome?

#### Moderator

- **Francesco Venturini**, CEO, Enel Green Power

#### Speakers

- **Xianzhang Lei**, Head of State Grid Corporation of China (SGCC) Europe office
- **Takatsune Ito**, Deputy Director, Ministry of Economy, Trade and Industry, Japan
- **Fabien Roques**, Senior Vice-President, Compass Lexecon

## 15:45-16:00 Refreshments

## 16:00-17:30

### Session 4: Liberalisation and regulation – finding the best of both worlds

High level panel discussion with selected RIAB members to reflect the sessions' content and debate what an integrated model could look like.

#### Moderators

- **Martin Schöpe**, REWP Chairman
- **Paolo Frankl**, Head of Renewable Energy Division, IEA

#### Panelists

- **Arnaud Chaperon**, Senior Vice President, New Energy Division, TOTAL
- **Katrin Düning**, Head of Berlin Office, ENERCON
- **Mike Eckhart**, Managing Director & Global Head of Environmental Finance, Citigroup
- **Rafael Mateo**, CEO, Acciona Energy
- **Claude Turmes**, European Parliament
- **Maja Wessels**, Executive VP Global Public Affairs, First solar

## 17:30-17:40

### Closing Remarks

**Martin Schöpe**, REWP Chairman