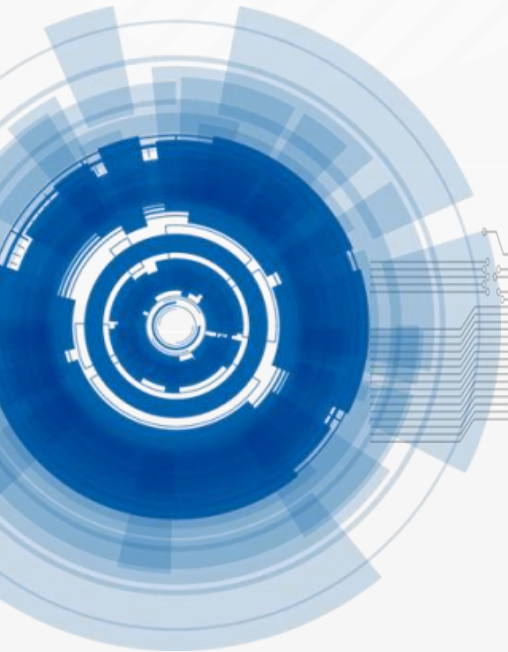


ieec
2017

tecnalia Inspiring Business

Orkestra
BASQUE INSTITUTE OF COMPETITIVENESS
DEUSTO FOUNDATION



Digitalización y Almacenamiento de Energía

Redes eléctricas Smart Grids

Digitisation and Energy Storage

Platinum sponsorship

Gold sponsorship



Ingeteam

SIEMENS



Supported by

EUSKO JAURLARITZA



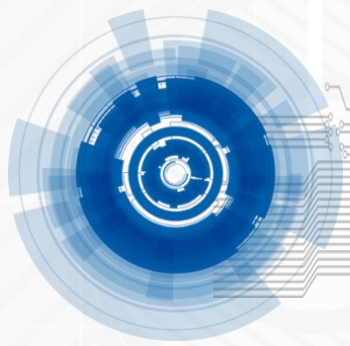
GOBIERNO VASCO

HEZKUNTZA SAILA

DEPARTAMENTO DE EDUCACIÓN

XV International Electric Equipment Conference | XV Jornadas Internacionales de Equipos eléctricos

Palacio Euskalduna · Bilbao · 18 - 19 October 2017



Digitalización y Almacenamiento de Energía

Redes eléctricas Smart Grids

Digitisation and Energy Storage

ieec
2017

WEDNESDAY, OCTOBER 18TH

09:00 Reception and registration.

09:30 Conference opening.

- *Emiliano López Atxurra. President, TECNALIA Research & Innovation.*
- *Julio Castro. Member of the Sponsor Committee, Energy Chair of Orkestra Univ. Deusto.*
- *Arantxa Tapia. Minister of Economic Development and Infrastructure, Basque Government.*

10:15 Smart grids, technology and strategic aspects. International and European context.

The transition from the current Transmission and Distribution business model towards the Smart Grids is the main challenge for utilities worldwide. This evolution, additionally to the adoption of new technologies, means usually a change in the business strategy. Senior executives and experts from European and International utilities will review these issues in this panel.

Moderator: Eloy Álvarez Pelegry. Director of the Energy Chair, Orkestra, Univ. of Deusto.

- *Luis Munuera. Smart Grids Technology Lead, International Energy Agency.*
- *Peter Birkner. Hon. Professor Dr.-Ing., Bergische Universität.*
- *João Torres. Chairman of EDSO and CEO, EDP Distribuição.*

11:15 Coffee Break.

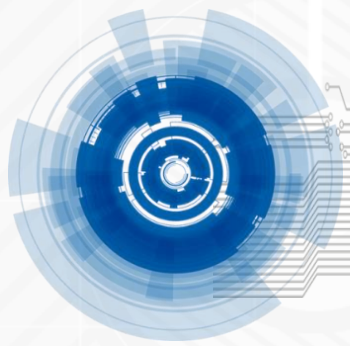
- *Lorenzo Kristov. Principal, Market & Infrastructure Policy, CAISO (California Independent System Operator).*
- *Fereidoon P. Sioshansi. President, Menlo Energy Economics.*
- *Carlos Batlle. Research Scholar, MIT Energy Initiative.*

13:30 Networking lunch.

XV International Electric
Equipment Conference

XV Jornadas Internacionales
de Equipos Eléctricos

Palacio Euskalduna · Bilbao · 18 - 19 October 2017



Digitalización y Almacenamiento de Energía

Redes eléctricas Smart Grids

Digitisation and Energy Storage

ieec
2017

WEDNESDAY, OCTOBER 18TH

09:00 Reception and registration.

09:30 Conference opening.

- *Emiliano López Atxurra. President, TECNALIA Research & Innovation.*
- *Julio Castro. Member of the Sponsor Committee, Energy Chair of Orkestra Univ. Deusto.*
- *Arantxa Tapia. Minister of Economic Development and Infrastructure, Basque Government.*

10:15 Smart grids, technology and strategic aspects. International and European context.

The transition from the current Transmission and Distribution business model towards the Smart Grids is the main challenge for utilities worldwide. This evolution, additionally to the adoption of new technologies, means usually a change in the business strategy. Senior executives and experts from European and International utilities will review these issues in this panel.

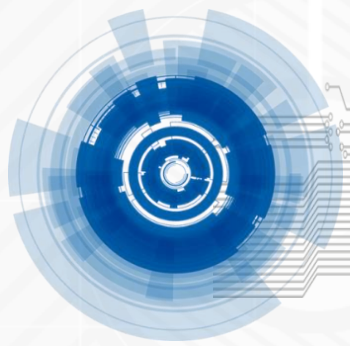
Moderator: Eloy Álvarez Pelegry. Director of the Energy Chair, Orkestra, Univ. of Deusto.

- *Luis Munuera. Smart Grids Technology Lead, International Energy Agency.*
- *Peter Birkner. Hon. Professor Dr.-Ing., Bergische Universität.*
- *João Torres. Chairman of EDSO and CEO, EDP Distribuição.*

11:15 Coffee Break.

- *Lorenzo Kristov. Principal, Market & Infrastructure Policy, CAISO (California Independent System Operator).*
- *Fereidoon P. Sioshansi. President, Menlo Energy Economics.*
- *Carlos Batlle. Research Scholar, MIT Energy Initiative.*

13:30 Networking lunch.



Digitalización y Almacenamiento de Energía

Redes eléctricas Smart Grids

Digitisation and Energy Storage

ieec
2017

WEDNESDAY, OCTOBER 18TH

15:00 The digital transformation. Technological implications for power grids and the capital goods industry.

The offer from industry sector has completely being shifted into a fully digitalized portfolio of products, where ICTs presence is key to an accurate functional performance. This is exactly the same for the power industry. In this panel, high level representatives from multinational electrical equipment manufacturers will share their visions on the technological implications of this transformation for their products.

Moderator: Ángel Díaz Gallo. Director of Smart Grids and Storage, TECNALIA Research & Innovation.

- *Roland Schmidt. Head of Secondary Distribution Automation (Energy Management, Digital Grid), Siemens.*
- *Francisco Barceló. VP, Energy Division, Schneider Electric.*
- *Alberto Guerrero. General Manager of Converters & Automation Division, Ingeteam Power Technology.*
- *Hugo Baroja. Director of Smart Grids Unit, Ormazabal.*
- *Alexander Arteché. CEO, Arteché Group.*
- *Norberto Santiago. President, ZIV Group.*

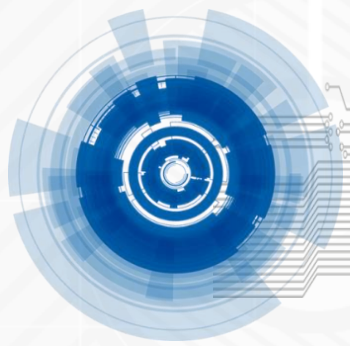
14:45 Coffee Break.

17:15 Energy storage. Implications for Smart Grids.

The ability of energy storage to contribute to a better integration of renewable energy resources into the grid, makes that this is one of the technologies getting more R&D investments in the last years. Representatives from manufacturers and utilities will analyze promising technologies and successful business cases already deployed in different locations worldwide.

Moderator: Estíbaliz Hernáez. Deputy Regional Minister for Technology, Innovation and Competitiveness, Basque Government.

- *Nuria Gisbert. General Director, CIC Energigune.*
- *Dr. Oscar Miguel Crespo. Head of Energy Storage Systems Unit, CIDETEC.*
- *Igor Cantero. Director for Research, Innovation and Development, CEGASA Portable Energy.*
- *Patrick Clerens. General Secretary, EASE.*
- *Alexander Schoenfeldt. Vice President Sales EMEA, YOUNICOS.*
- *Belén Linares. R&D and innovation Director, Acciona.*



Digitalización y Almacenamiento de Energía

Redes eléctricas Smart Grids

Digitisation and Energy Storage

ieec
2017

THURSDAY, OCTOBER 19TH

09:45 Opening session. Digital revolution, smart grids and industry.

The offer from industry sector has completely being shifted into a fully digitalized portfolio of products, where ICTs presence is key to an accurate functional performance. This is exactly the same for the power industry. In this panel, high level representatives from multinational electrical equipment manufacturers will share their visions on the technological implications of this transformation for their products.

Moderator: Ángel Arcos Vargas. Professor, Electrical Systems Dept. Escuela Técnica Superior de Ingenieros de la Univ. de Sevilla.

- *José María Grijalba. Director of Northern Region, Iberdrola Distribución Eléctrica.*
- *Luis Álvarez Arias de Velasco. Director of Grids, EDP Spain.*
- *Francesco Amadei. General Director of Infrastructure and Grids, Endesa.*
- *Manuel Sánchez. General Manager of Grids, Viesgo.*
- *Gerardo Cuerva Valdivia. President, CIDE.*

11:30 Coffee Break.

12:00 Behind the meter. Technologies, the new role of consumers and new business models.

The offer from industry sector has completely being shifted into a fully digitalized portfolio of products, where ICTs presence is key to an accurate functional performance. This is exactly the same for the power industry. In this panel, high level representatives from multinational electrical equipment manufacturers will share their visions on the technological implications of this transformation for their products.

Moderator: Iñigo Ansola. General Director, Basque Energy Agency (EVE).

- *Rafael Barbudo. Project Operations Leader for South & East Europe, Current by General Electric.*
- *Idoia Uriarte. Director of Innovation, Euskaltel.*
- *Gerd Schauer. Research Management, VERBUND AG.*
- *Maxine Ghavi. Program Director of Microgrids, ABB.*
- *Rocío Fernández. Director for Energy Efficiency and Services, Gas Natural Fenosa and President of Spanish Technology Platform for Energy Efficiency.*
- *María José Aranguren, Managing Director. Orkestra- Basque Institute of Competitiveness. Deusto University.*
- *Joseba Jauregizar, Managing Director. TECNALIA Research & Innovation.*

13:45 Conference closing.

- *Ignacio M^a Echeberria. President, Orkestra Univ. Deusto*
- *Iñaki San Sebastián. CEO, TECNALIA Research & Innovation*

XV International Electric
Equipment Conference

XV Jornadas Internacionales
de Equipos Eléctricos

Palacio Euskalduna · Bilbao · 18 - 19 October 2017