



# ENERGY STORAGE 2019

23-24 JANUARY 2019 BRUSSELS, BELGIUM

COMPREHENSIVE MARKET ANALYSIS TO ESTABLISH  
THE NECESSARY DESIGN CHANGES TO THE EXISTING MODEL

## KEY TOPICS

- Storage of energy guiding the convergence of the energy sector
- Stakeholders' perspective on adoption and integration of energy storage facilities
- Analysing the technical developments and performance of energy storage solutions
- System operational challenges and optimizing supply
- Energy storage addressing CO2 emission levels
- Policy and regulatory changes needed
- Financial considerations and monetizing energy storage
- Accelerating the development of energy storage facilities

## SPONSORSHIP & EXHIBITION OPPORTUNITIES:

Krisztina Maria Szabo +44(0)2031410603  
kszabo@acieu.net

## Comprehensive Market Analysis To Establish The Necessary Design Changes To The Existing Model

This 9th edition of ACI's Energy Storage Conference will bring together the senior representatives of the different stakeholders involved in the energy storage sector from utility providers, power generators, technology developers, energy storage service providers and policy regulators, to discuss the latest challenges and developments making an impact on the industry.

You are kindly invited to the first European Energy Storage Conference of the year to discover the key topics and updates from the latest developments in essential areas of the energy storage market.

### Confirmed Topics

- Storage of energy guiding the convergence of the energy sector
- Stakeholders' perspective on adoption and integration of energy storage facilities
- Analysing the technical developments and performance of energy storage solutions
- System operational challenges and optimizing supply
- Energy storage addressing CO2 emission levels
- Storage facilitating the transition of production from fossil fuels to renewable sources
- Policy and regulatory changes needed
- Financial considerations and monetizing energy storage
- Case studies of energy storage business models
- Current market model and necessary changes
- Accelerating the development of energy storage facilities

### Who Should Attend

Senior representatives from national utility companies, technology developers, energy storage service providers, policy regulators and industry analysts, energy investors, research organisations and consultants in energy storage, power generators, distribution network and service operator companies.

### Speaking Opportunities

If you would like to be considered as a speaker for the event with a 30-45 minute presentation, please submit an abstract for consideration to:

**Angel Mudure**

Conference Producer

Tel: +44(0)20 3141 0621

Email: [amudure@acieu.net](mailto:amudure@acieu.net)

## Why You Should Attend:

- Hear from high profile speakers sharing their knowledge and expertise on overcoming the current challenges to managing energy storage projects and services
- Network with industry leaders from across the entire value chain to maximise the opportunities arising in the energy production and supply market
- Discover the latest technologies facilitating development of energy storage facilities



Networking at Energy Storage 2018

## Opportunities To Meet Your Target Audience



For information on available sponsorship and commercial opportunities, please contact **Krisztina Maria Szabo**:

Tel: +44 (0)20 3141 0603 or

Email: [kszabo@acieu.net](mailto:kszabo@acieu.net)

## Registration Is Simple

If you would like to register for this event or wish to find out more information, you can contact **Mohammad Ahsan** by using any of the following methods:

 +44 20 3141 0606

 [mahsan@acieu.net](mailto:mahsan@acieu.net)

 <http://www.acieu.net>

 Postal Address:  
ACI Europe, 10 Gough Square, London, EC4A 3DE



## DAY 1

Wednesday 23rd January 2019

08:00 **REGISTRATION & COFFEE**

09:00 **CHAIRMAN'S OPENING REMARKS**

09:15 **CONFERENCE PRESENTATION**

### **Storage of energy guiding the convergence of the energy sector**

- Sector coupling and decarbonisation. Electrification of the transport and heating supply sectors
- Technical aspects needed to facilitate a more fluid transition
- Existing collaborations and expected results
- Identifying distinct opportunities to encourage greater partnership development

10:00 **CONFERENCE PRESENTATION**

### **Stakeholders' perspective on adoption and integration of energy storage facilities**

- Energy storage addressing the current challenges of grid operators
- Integrating producers of energy from renewable sources in the distribution networks
- Upgrading the existing facilities and identifying the optimum technological solutions

10:45 **MORNING REFRESHMENTS**

11:15 **SESSION ONE**

### **Analysing the technical developments and performance of energy storage solutions**

- Performance analysis from existing projects utilising batteries
- Exploration of alternative technology solutions to batteries
- Considerations when selecting the ideal technology solution to use for storage
- Standards for developers of storage solutions to aim for so that producers and suppliers of energy can more easily develop and integrate storage facilities

13:05 **LUNCH**

14:05 **SESSION TWO**

### **System operational challenges and optimizing supply**

- Storage facilities addressing the imbalance between production and consumption
- Increasing power quality, grid flexibility and operation through the inclusion of energy storage facilities
- Alternative solutions to energy storage facilities that can contribute to frequency regulation

- Maintenance challenges of batteries already in use and the potential of batteries from electric vehicles to be recycled and provide additional storage capacity
- Prioritizing plant upgrades and optimizations on existing production and storage facilities to ensure a stable supply of power

15:20

**AFTERNOON REFRESHMENTS**

15:50

**CONFERENCE PRESENTATION**

### **Energy storage addressing CO2 emission levels**

- Decarbonisation impacts on the energy sector
- Performance results from deployed technologies and operational projects
- Current estimates on amount of storage needed to achieve the governmental goals for reducing CO2 emissions

16:35

**PANEL DISCUSSION**

### **Storage facilitating the transition of production from fossil fuels to renewable sources**

- Necessary steps for a fluid transition of energy produced from fossil fuels to renewable sources
- Integration of storage with local renewable energy sources
- Current opportunities and future potential of energy storage projects to accelerate this transition

17:25

**CLOSE OF DAY ONE**

## DAY 2

Thursday 24th January 2019

08:30

**REGISTRATION & COFFEE**

09:00

**CHAIRMAN'S OPENING REMARKS**

09:05

**CONFERENCE PRESENTATION**

### **Policy and regulatory changes needed**

- Regulatory framework adaptations need to reflect the market model of the present
- Modifications required to lower operational costs of DSOs
- Adopting policy updates that enable public-private partnership agreements to meet standards for lowering CO2 emission levels

09:50

**SESSION THREE**

### **Financial considerations and monetizing energy storage**

- Achieving cost reduction for the implementation, integration and operation of storage facilities

- Technical and financial information needed to boost investment in development of energy storage facilities
- Setting tariffs for system operations and services brought about by the growth of energy storage activities
- Outlook on the European renewable energy market and regional opportunities awaiting investment

## 11:05 MORNING REFRESHMENTS

## 11:35 SESSION FOUR

### Case studies of energy storage business models

- Evaluation of pilot projects undertaken to facilitate grid optimization
- Performance results from storage facilities located on the premises of power production plants
- Analysis of successful energy storage business models for distinct technology solutions used and source of energy

## 12:50 LUNCH

## 13:50 CONFERENCE PRESENTATION

### Current market model and necessary changes

- In-depth analysis of the current market model to identify its' limitations and prioritize design changes
- Advantages and disadvantages of a centralized or decentralized system
- New business models that can indicate the optimum path of transitioning to production of energy from renewable sources

## 14:35 PANEL DISCUSSION

### Accelerating the development of energy storage facilities

- Identifying the current barriers holding back the growth of the energy storage market
- Observations from strategies applied and comparing initial projections to actual performance delivered
- Encouraging the production of energy storage technologies and their deployment in the European market
- Ideal market conditions to support the development of energy storage facilities

## 15:25 CHAIRMAN'S CLOSING REMARKS

## 15:35 END OF CONFERENCE & AFTERNOON REFRESHMENTS

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 <http://www.acius.net>

 **Postal Address:**  
ACI Europe, 10 Gough Square, London, EC4A 3DE

## Registration Is Simple

Conference (Includes Access to Documentation Pack)  
23rd– 24th January 2019

£1,695.00

Documentation Pack Only

£440.00

Please Note.

Members and customers of all supporting organisations are entitled to a discount off their conference package.

For more information please email: [mahsan@acieu.net](mailto:mahsan@acieu.net)

## Documentation Packet Available

We are selling the Energy Storage 2019 papers at just £440 (+£25 P&P). Simply tick the box on the booking form, send it with payment and your copy will be on its way to you after the meeting. This important manual will be a source of invaluable reference for the future.

## About ACI

ACI, a UK owned company, has been running successful conferences in the USA since 1999. Headquartered in Chicago, ACI opened its European head office in London at the end of 2005 and has expanded rapidly, launching a series of events in key industries including maritime, energy, chemicals, cosmetics & pharma and opening offices in Poznan (Poland) & Pune (India).

## Terms & Conditions

### Payment

Payment must be received within five business days of returning the signed contract. After receiving payment a VAT receipt will be issued. If you do not receive a letter outlining details two weeks prior to the event, please contact the Conference Coordinator at ACI Europe Ltd.

Discounts are available for multiple/group bookings. Please call +44 (0)20 3141 0606 for more information.

### Cancellations

Substitutions are welcome up to 24 hours prior to the event. Cancellations must be received in writing no less than 3 weeks prior to the start of the conference; a full credit voucher towards a future ACI conference will be issued. Any cancellation received less than 3 weeks prior to the start of the event shall be deemed to be a breach of this contract by client, and accordingly, no credits will be given. Cancellations must be received in writing by mail or fax three weeks before the conference. Thereafter the full conference fee is payable. If for any reason ACI Europe Ltd decides to amend, cancel or postpone this conference, the conference fee will not be refunded. Furthermore, ACI Europe Ltd will not be responsible for covering airfare, hotel or other costs incurred by registrants. In the event that ACI Europe Ltd cancel or postpone the event, ACI Europe Ltd reserves the right to transfer this booking to another conference to be held in the following twelve months, or to provide a credit of an equivalent amount to another conference within the following twelve months. The construction, validity and performance of this agreement shall be governed in all respects by the laws of England to the exclusive jurisdiction of whose courts the Parties hereby agree to submit.

### Accommodation

The cost of accommodation is not included in the event fee. Preferential rates will be arranged with or near the event venue, and all confirmed delegates will be given details of how to book accommodation at this rate in due course.