







KEY

28 / 29 FEBRUARY

01 MARCH

Legend

	Africa
	CITY – Sustainable City
	Considerations on Energetic Strategies
	DPE - International Electricity Expo
	E ME – E Mobility Expo
	EFFI – Energy Efficiency Expo
	Events organized by companies and partners
	ForumTech
	Hydrogen Arena
	Incontri di Luce
	Opening
	Salotto Solare
	Solar & Storage For Med
	WEM – Wind Expo for Med

WEDNESDAY 28 FEBRUARY

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FEBRUARY

11:00 -
11:45

Energy Transition
Arena A1 Pav.

Events
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companies and
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On-site & on-
demand event
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Floating Offshore Substation: Readiness for Offshore Wind

Language: Italian

organized by Saipem SpA in collaboration with Siemens and the participation of DNV Energy Systems

Saipem and Siemens Energy has developed a new concept of Floating Substation based on a proven semisubmersible substructure, designed to operate also in the most extreme environments with enhanced stability and which can be scaled up as required by clients.

The design has been developed to address the industrialization phase as it can be adapted to fabrication and assembly infrastructures worldwide.

This floating substation represents a tangible solution for reducing the levelized cost of energy (LCOE) of floating wind farms.

During the event, after a brief introduction on the jointly floating offshore substation concept development path, in the format of a round table with technical experts, there will be a discussion on main Challenges and Opportunities on the way of its commercialization in the offshore floating wind market.

Programme

11:00 Welcome and Introduction

11:15 Round Table

Speakers

Luigi Cremascoli Head of Offshore Technical Management, Saipem SpA

Dario Giudice Technical Manager , Saipem SpA

Matthias Steuer, Technical Consulting Expert , Siemens Energy AG

Moderator

Kolosowski, Bartlomiej Zygmunt, Head of Offshore, Midstream and Downstream Southern Europe, DNV Energy Systems

11:35 Q&A

11:45 Closure

WEDNESDAY 28
FEBRUARY

15:00 -
16:00

Workshop Arena
C1 Pav.

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Credit and debit card payment of EV charging service

Language: Italian

organized by Fortech

Electric recharging services are commonly characterised by the need to pay via smartphone, forcing the user to download new and several different apps that require inconvenient updates and registrations. In order to obviate this issue and simplify the payment process, Fortech has replicated, in the world of e-Mobility, the same user experience that has been extensively proven in traditional credit/debit card refuelling. Fortech solutions allow managing the required operations simply from an OPT (Outdoor Payment Terminal). The Fortech EVC infrastructure enables chargers and backend management via the standard interoperability protocols OCPP 1.6 J and OCPI 2.1.1.

Luca Banci, Fortech Project Manager EV Charge

THURSDAY 29 FEBRUARY

THURSDAY 29
FEBRUARY

09:30 -
10:30

Workshop Arena
C1 Pav.

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The New Battery Regulation (REGULATION (EU) 2023/1542)
- Focus on new regulatory requirements for
manufacturers and distributors of lithium batteries

Language: Italian

organized by MIDAC SpA

In the market of renewable energies, lithium batteries are playing an increasingly important role facilitating the energy transition, allowing the optimized use of energy deriving from renewable sources, and pushing users towards energy independence.

As of August 17th 2023 the new Battery Directive (EU Regulation 2023/1542) is [in full force and effect](#): in the coming years it will completely transform the battery production chain, providing increasingly strict constraints for both battery manufacturers and distributors.

The conference will be an occasion to share information and to exchange views thanks to the contribution, on one side, of ANIE, that will give a summary of new regulatory requirements and, on the other side, of the industry and research players that will illustrate how the battery market sector is facing the new regulatory change.

Programme

Moderatore

Avv. Mara Chilosì, Studio Chilosì e Martelli

Interverranno

Ing. Luca Landoni, Area Ambiente (ANIE Federazione)

Ing. Matteo Cavalletti, Innovation Project Manager (MIDAC SpA)

Ing. Luigi Lanuzza, Head of B2B and Storage Innovation (EnelX)

Prof.ssa Silvia Bodoardo, Professore Ordinario (Dipartimento Scienza Applicata e Tecnologia del Politecnico di Torino)

Questions and discussion

THURSDAY 29
FEBRUARY

10:00 -
11:30

Mimosa Room
Pav. B6

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RES connections: new solutions with reduced civil works and eco-efficient products

Language: Italian

organized by Hitachi Energy Italy

With electricity increasingly becoming the backbone of the global energy system, it is essential to guarantee the efficiency of network implementation, in terms of reducing costs (e.g. for civil works) and time.

Hitachi Energy has developed a portfolio of mobile and prefabricated modular SS solutions that meet these needs. If the former have the advantage of maximum flexibility for commissioning, very important for example in the case of disaster recovery and temporary connections, the latter has the advantage of simplifying the authorization processes and civil works.

In both cases, Hitachi Energy integrates its EconiQ™ portfolio of products for high voltage networks and transformers with proven eco-sustainable performance into modern substations, in line with new European regulations and timelines for electromechanical products.

Programme

Introduction and welcome

Flavio Villa, Country Manager Director

RES connections: new solutions with reduced civil works and eco-efficient products

Francesco Caracci, Grid-eXpand™ Mobile Application Engineer

Claudio Spella, Grid-eXpand™ Mobile CoC Manager

Valentina Valori, Global Product Manager, Small and Medium Power Transformer

Lorenzo Fattorini, R&D Senior Engineer High Voltage

Q&A

THURSDAY 29
FEBRUARY

11:30 -
13:00

Tulipano Room B6
Pav.

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Will we gather around a fire or an outcry?

Language: Italian

organized by DBA Group S.p.A

A conversation based on science and conscience in relation to the present and a potential and sustainable future, leading to a circular, decarbonised and regenerative green economy, through the Recovery and Resilience Plan (RRP), the European Green New Deal, the energy transition and the ecological transition.

The following speakers will engage in a round table debate:

Edo Ronchi

President of the Foundation for Sustainable Development

" Costs and Benefits of the Transition into the Economy of Tomorrow"

Prof. Andrea Lanzini

Full Professor of Industrial Technical Physics at the 'Galileo Ferraris' Energy Department and Energy Centre of the Politecnico University of Turin, and Chairman of the Scientific Committee of the Italian Forum of Energy Communities (IFEC).

Transition and the Energy Revolution: from a centralised grid to a smart grid integrated with distributed generation, across Renewable Energy Communities and Multi Energy System paradigms.

Prof. Michela Vellini

Full Professor ING-IND/09 Energy and Environmental Systems at the Tor Vergata University of Rome.

"Energy vectors: from hydrogen to biomethane and synthetic methane towards Climate Neutrality".

Prof. Carlo Doglioni

President of the Italian National Institute of Geophysics and Volcanology

"Geothermal energy as a sustainable energy resource".

Ing. Angelo Artuso

COO of the Energy, Renewable Energy and Energy Efficiency Division of DBA PRO. S.p.A.

"Renewable Energy Communities and Climate Neutral Energy Carriers: a Gate and a Tool for the Evolution of cities and territories towards the Climate Neutral Smart City Smart Land"

Moderator

Pierluigi Svaluto Moreolo

Journalist and Anchorman of DBA Group S.p.A. and Dolomiti Life

Conclusions

Ing. Francesco De Bettin

Co-founder and Chairman of DBA Group S.p.A.

THURSDAY 29
FEBRUARY

12:00 -
13:30

Energy Transition
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Creating a digital blueprint for the building's energy transition

Language: Italian

organized by Smart Buildings Alliance for smart cities ets

We have long known that Italian residential buildings, in terms of digital equipment, suffer from a great backwardness compared to their counterparts in neighbouring countries. Although the Construction Act, (par. 135a) requires in all new or renovated buildings the installation of a fiber-optic backbone, the famous multi-service plant, the reduced amount of new construction makes this equipment a rarity. Unfortunately, energy saving and management services, to which we are also obliged by European directives, cannot be implemented without a digital infrastructure serving the building, as is easy to imagine. The same goes for other services common to the buildings: video surveillance, management of electric charging in the common parking lot, etc. In short, without distribution infrastructure you can not offer the functions that abroad are developing a very rich market, but that are almost unknown to us.

However, there is a solution to all these problems, and it is also simple and cheap.

We also want to offer concrete ideas, so that operators at different levels can concretely appreciate the development opportunities of IoT Edge Computing.

Programme

Introduction and welcome

Presentation of the Smart Buildings Alliance ets

Creating a digital blueprint for the building's energy transition

Eng. Ernesto Santini Vice President SBA ets

IoT Edge Computing e Digital Energy: quali opportunità "Smart"?

Antonio Sacchetti Consigliere e Chairman Working Group 2 SBA ets

Q&A

Discussion and closure

THURSDAY 29
FEBRUARY

14:00 -
15:30

Lorenzo Cagnoni
Dome –
Innovation Square

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Huawei FusionSolar Forum - Storage systems serving communities

Language: Italian

organized by Huawei

After the success of the first edition, the Huawei FusionSolar Forum, a conference focused on Huawei's innovations and solutions for 2024 and on the Top Trends in the PV, storage and electric mobility market in Italy, returns on Feb. 29 within the K.EY exhibition in Rimini.

Leading industry experts, customers and partners who have distinguished themselves with Huawei for highly innovative projects on the topic of storage in residential, C&I and Utility scale serving grid flexibility and communities, will be the protagonists of the meeting.

The report "PV-Storage for C&I Applications Safety, Savings and Sustainability" by Politecnico di Milano, with a focus on Huawei's 200 kWh storage system, and the case study "Atlas: Synergies between storage and ultrafast charging infrastructure" will be previewed.

Host: Davide Bartesaghi, Direttore Responsabile, Editoriale Farlastrada – Solare B2B, E-Ricarica

Programme

13:45 Welcome Coffee

14:00 Opening

14:05 PV and storage: 2024 market trends and scenario
Paolo Rocco Viscontini, Chairman, Italia Solare

14:15 Huawei FusionSolar: 2024 news and solutions
Enrico Lamanna, Smart PV CTO, Huawei Italia

14:25 Preview of the Report "PV-Storage for C&I Applications Safety, Savings, and Sustainability" by Politecnico di Milano

Emanuele Ogliari, Associate Professor of Electrical Engineering - expert in computational intelligence applied to storage and renewable sources, Politecnico di Milano

14:35 Synergies between storage and ultrafast charging infrastructure: the Altante case

Francesco Lamberti, Chief Technology Officer, Atlante

Valentina Leva, Senior Channel Manager, Huawei Italia

Francesco Naso, Segretario Generale, Motus-E

Emanuele Ogliari, Associate Professor of Electrical Engineering, Politecnico di Milano

15:00 Lo storage per la flessibilità della rete, a servizio delle comunità

Fulvio Ferrari, COO, Higecco More

Amaury Lamarche, Head of Marketing, Product and Growth - Retail, ENGIE Italia

Luigi Lanuzza, Head of B2B & Storage Innovation, Enel X

Pietro Torretta, Head of Renantis – Downstream PV Solutions

15:25 Closing

THURSDAY 29
FEBRUARY

16:00 -
17:30

Diotallevi 2 Room
South Hall

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Social purpose for solar revamping: a model for creating sustainable value

Language: Italian

organized by ERG S.p.A.

“Social Purpose for Solar Revamping” was created to give solar panels a second life, reusing them in projects with a high social impact. The aim is to activate a virtuous path of circular economy of photovoltaic panels donated to NGOs for supporting local communities.

Speakers

Emanuela Delucchi Chief, IR, ESG & Communication Officer ERG S.p.A.

Daniela Picco Executive Director MSC Foundation

Benedetta Ragazzola Strategy Advisor Comoli Ferrari

Andrea Botrini Energy Unit Sales Manager Uflex

Giorgio Barbaglia Technical Director DREAM Project Comunità Sant'Egidio

Rossana Galli President of Boky Mamiko

Chair

Romina Maurizi - Quotidiano Energia Editor in Chief

Closing Remarks by **Alessandro Garrone** (Executive Vice President ERG S.p.A.)

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16:30 -
17:30

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C1 Pav.

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The latest technology for residential and commercial solutions of Canadian Solar: inverters and energy storage

Language: Italian

organized by Canadian Solar EMEA

With over 22 years of research, design, development and manufacturing in the PV industry, Canadian Solar is at the forefront of offering innovative solutions to meet the energy needs of both residential and commercial sectors. Among the most recent technologies offered by the company are Canadian Solar string inverters and the residential energy storage systems EP CUBE, designed to maximize efficiency and reliability.

With Canadian Solar's portfolio, homes and businesses can maximize the use of solar energy, reducing environmental impact and improving the overall sustainability of their energy system. With cutting-edge solutions and an unwavering commitment to innovation, Canadian Solar continues to lead the industry towards a greener, more sustainable future.

Alessandro Fabio, Product Manager Residential Storage, EMEA at Canadian Solar

Andrea Pratico, Sales Manager Storage, Italia at Canadian Solar

FRIDAY 1 MARCH

FRIDAY 1 MARCH

11:45 -
12:30

Workshop Arena
C1 Pav.

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Energy flexibility from buildings to industry

Language: Italian

organized by R2M Solution S.r.l.

In the current context, energy flexibility has taken on a pivotal role for the sustainability of the entire energy system, characterized by a growing penetration of intermittent and poorly programmable renewable sources. To ensure the security and reliability of the electricity grid, it is necessary to have a certain flexibility of demand, so that variations in production from renewable sources can be compensated for and self-consumption can be maximised.

Starting from the basic concepts and innovative technologies available to implement energy flexibility, we will analyze the application contexts at the level of residential and tertiary buildings through the ongoing activities in the European projects iBECOME, Auto-DAN and COLLECTiEF and then move on to a large-scale analysis analyzing the industrial application context through the TRINEFELX and DENiM projects.

Session Chairs

Simone Buffa, R2M Solution

Marco Rocchetti, R2M Solution

Program

Introduction & Welcome

The concepts of energy flexibility

Simone Buffa (R2M)

The residential and tertiary context (iBECOME, Auto-DAN and COLLECTiEF projects)

Simone Buffa (R2M), Celina Solari, Paolo Finocchi, Diego Rattazzi (RINA-C)

The industrial context (TRINEFELX and DENiM projects)

Marco Rocchetti (R2M)

Discussion and closing

Marco Rocchetti, Simone Buffa (R2M)