

PRESS RELEASE

## Energy S.p.A. and Higeco Energy join forces for “renewable energy communities” development in Italy

*Taffurelli, CTO, Co-Founder, R&D Manager of Energy S.p.A.: "Our storage systems will now play a pivotal role in energy communities functionality, thanks to advancements in the R&D sector, a key focus for Energy."*

Sant'Angelo di Piove di Sacco (Padua), February 27, 2024 – **Energy S.p.A.**, an integrated energy storage systems producer listed on the Euronext Growth Milan market, (ISIN Code IT0005500712, Ticker ENY), announces a collaboration with [Higeco Energy Srl](#) aimed at developing **Renewable Energy Communities** (*Comunità Energetiche Rinnovabili, “CER”, in Italian*) **in Italy**. Energy’s storage systems will play a crucial role in these communities.

**Higeco Energy Srl**, a startup within the HIGECO GROUP, has been developing IoT solutions for monitoring and remote control across various market sectors since 2008. Specializing in energy monitoring for industries, Higeco Energy Srl provides advanced energy management solutions designed to reduce waste, inefficiencies, and optimize the use of energy resources. Additionally, through its **“MyCER” division**, Higeco Energy Srl focuses on the development and management of renewable energy communities.

The collaboration with Higeco Energy will integrate the energy product lines of both companies, which will be involved in innovative projects leveraging storage systems, with a focus on advancing the **R&D sector**. Inverters, power conversion systems (PCS) and energy storage systems are fundamental components in photovoltaic systems and Energy Community applications. The key to maximizing the economic and environmental benefits of an energy community lies in using renewable energy injected into the grid and withdrawn by consumers. Through the “MyCER” platform, it is possible to track energy flows, determining the optimal times to withdraw or accumulate energy from the network.

The collaboration's goals are:

- Technological integration of the energy product lines of both companies;
- Confidentially sharing technical characteristics of products;
- Confidentially sharing the most relevant energy data of customers for joint projects;
- Mutual involvement in research and/or innovative projects benefiting from storage systems.

The collaboration aims to capitalize on the momentum generated by the recent increase in configurations of collective **self-consumption** and **energy communities**. This surge is also driven by the [Italian decree on “CER”](#), effective since January 24, 2024, after registration by Italian “Corte dei Conti” and prior approval by the European Commission. As of June 2023, there were 74 self-consumption configurations and 35 energy communities, as reported by the [GSE's "Energy and](#)

[Climate in Italy" report](#), estimating 2.7 MW of power in mid-June 2023, with over 56% from community energy.

Energy S.p.A., recognizing the value of energy communities, has been actively involved, [providing products for academic tests on "CER" and preparing its business](#). Positioned to serve renewable energy communities, Energy offers advanced services for remote control and management of energy production, storage, and consumption systems—essential for "CER" management.

*"This collaboration reaffirms our commitment to leading the energy transition. Allocating annually a significant portion of our turnover to R&D, our focus is on developing increasingly efficient and sustainable solutions,"* declared Andrea Taffurelli, **CTO, Co-Founder, R&D Manager of Energy S.p.A.** *"We were early supporters of energy communities, making our systems available for academic experimentation. Now, our storage systems are integral to renewable energy communities, facilitating self-consumption for families and businesses."*

*"In the Italian scenario of Renewable Energy Communities, there are currently just under 100 active projects, with half based on the MyCER platform in its White Label versions. This has enabled us to acquire valuable know-how for future energy configuration projects in Italy,"* stated **CEO of Higeco Energy Srl Alessio Salatin.** *"Energy communities aim to use energy simultaneously with the input from renewable source plants. Active management of accumulations in the field can maximize economic and environmental benefits. The integration of "MyCER" solutions with Energy S.p.A. storage systems precisely addresses this objective."*

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**Energy S.p.A.**, founded in 2013 by Davide Tinazzi, Andrea Taffurelli, and Massimiliano Ghirlanda, and listed on the Euronext Growth Milan market of Borsa Italiana since August 1, 2022, is a company based in the province of Padua, a leading player in the field of energy storage systems, catering to both residential and large-scale applications. These systems enable the storage and release of energy based on the energy needs of customers. As of June 30, 2023, Energy has sold and installed over 60,000 systems across the country, serving residential, commercial, industrial, utility, and electric mobility markets. The production value as of June 30, 2023, stood at 40.1 million Euros, with revenues of 39.3 million and a net profit of 5.5 million. Among the most notable projects completed are the large facility in Comiso, Sicily, consisting of an agri-voltaic plant and a photovoltaic field; the major plant dedicated to CAAB in Bologna; Smart Grids in numerous municipalities in Sardinia and Lombardy; a Condominium Energy Community in Switzerland where individual nodes exchange energy as needed. Energy's sales channels include both general electrical material distributors and photovoltaic specialists, and the company also collaborates with major European EPCs. Energy's logistics proximity to the main distributor locations has led the company to establish strong partnerships with players in the Italian and European markets. The company procures components from leading international suppliers and combines them with proprietary software called "ZeroCO2" to create systems compliant with European Union standards. For more information, please visit [www.energyspa.com](http://www.energyspa.com)

**HIGECO ENERGY SRL** is an innovative startup owned by the HIGECO GROUP which has been developing IOT solutions for the world of monitoring and remote control in different market areas since 2008. Internally we have three divisions:

- Services and systems for energy monitoring for industry, large-scale retail trade, retail;
- Energy Report involving Energy Management Experts (EGE) dedicated to Energy Management certified EGE UNI CEI 16339 Civil and Industrial, CMVA and CMVP, ISO 50001 Auditor;
- MyCER and renewable energy communities and collective self-consumption groups;

With the energy monitoring and Energy Report divisions, we are at the side of all those companies that intend to implement a system for monitoring the vectors of electricity, gas, water or more specifically measuring these vectors in absorption or production by relating them, for example, to the quantity of processed material. All the data collected by the measurement systems are then passed to a cloud environment accessible at different levels in order to analyze energy performance and implement efficiency paths thanks to a team made up of EGE UNI CEI 16339 Civil and Industrial, CMVA and CMVP certified professionals, ISO 50001 Auditor. Finally, with the MyCER division, we are at the side of those who intend to develop and manage one or more energy communities thanks to a series of services ranging from the design and simulation of an energy configuration through legal, regulatory and administrative support up to the supply of the MyCER measurement platform and meters (<https://app.mycer.it> or in White Label mode).

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