

IDAE and OMIE will test the future of power markets

- **The initiative aims, from real prototypes, to identify the challenges and opportunities for the proactive consumer in the local electricity markets, as well as for the incorporation into the system of new companies of aggregation services of "prosumers".**
- **The aim is to promote projects in local markets with solutions that facilitate the management of distributed energy resources and accelerate the adoption of the new European regulations on energy and climate.**
- **The prototypes with elements of generation, distribution, demand management, electric mobility and optimization of the technical and economic management of smart distribution networks will be valued.**

The Institute for the Diversification and Saving of Energy, IDAE and the Iberian Electricity Market Operator, OMIE will jointly carry out a protocol with the aim of maximizing the socio-economic value of the energy transition and leading innovation in power markets. For this, the challenges and solutions for the implementation of prototypes of local electricity markets in cooperation with all players (distributors, retailers and consumers ("prosumers")) will identify.

The Institute for the Diversification and Saving of Energy is a public entity attached to the Ministry for Ecological Transition through the Secretary of State for Energy. In its role as a promoter of change in the energy model, it has the power to support and invest in projects of energy interest that demonstrate the feasibility of new technologies, solutions or strategies that contribute to accelerating the energy transition process.

For its part, OMIE manages the short-term electricity wholesale market in Spain and Portugal and is the Market Operator designated in these two countries for the coupling of the Iberian Market at a European level. OMIE offers a market open to all buyers and sellers that trade the volumes of energy they need at public and transparent prices.

Renewable energy and, in particular, self-consumption with photovoltaic has reached a level of development and cost reduction that is allowing it to compete in the electricity markets. At the same time, traditionally passive consumers, through the incorporation of "resources" of local production of electricity, the installation of batteries or the management of demand, are changing to have an active behaviour producer-consumer "prosumer".

Digitalization, the development of smart grids and electrical storage technologies are helping these new players to continuously manage energy based on existing price signals, either directly or through the figure of the "resources" aggregator, which participates in the electricity



markets and provides services to the system by managing a set of distributed “resources” of small size. All this is driven by the recent [European regulation](#) on the promotion of renewable energy sources and the internal energy market.

Contact information IDAE:

Hugo Lucas Porta (Head Regulatory Framework Department)

Tel: + 34 91 456 49 00

Email: hucas@idae.es

Contact information OMIE:

Rafael Gómez-Elvira (Director of European and Institutional Affairs)

Tel: + 34 91 659 89 00

Email: dae@omie.es