

## 21 OCTOBER: WORLD ENERGY CONSERVATION DAY

### Presentation of Endesa's Report on the Energy Behaviour of Spanish Firms 2017

#### SPANISH FIRMS COULD SAVE ONE IN FOUR EUROS ON THEIR BILLS BY IMPLEMENTING ENERGY EFFICIENCY MEASURES

- *According to a study conducted with the analysis of real data measured between 2014-2017 in 3,684 firms across Spain, 1 in 2 companies could improve their energy performance, 41% have phantom energy consumption and only 18% have implemented energy efficiency measures.*
- *In two and a half years, over 50% of SMEs could totally amortise their investment.*

**Madrid, 20 October 2017.-** Coinciding with the World Energy Conservation Day, Endesa has presented the 2017 edition of its Report on the Energy Behaviour of Spanish Firms, 85% of which belong to the Hotel & Catering, Trade, Industry and Farming industries, with this second report revealing that 82% of SMEs in Spain have not implemented any energy efficiency measures. This new report included 175% more firms in its analysis compared with the previous edition. And this focus group revealed that half the firms have an annual consumption of under 100,000 kWh/year. And 57% of Spanish SMEs fall under the power margin of 26-100 kW.

This lack of energy efficiency of Spanish firms is due, according to the study, to being completely unaware of the energy data and of the improvement possibilities available and due also to a fear of hefty investments. However, according to Endesa's study, the main measures to improve energy behaviour include adjusting and optimising firms' contracted power, controlling and reducing phantom energy consumption / devices on stand-by mode, controlling reactive energy by installing capacitors and installing efficient LED lighting. All these measures would help firms lower their energy bills considerably, with some measures, such as adjusting the contracted power, would be effective immediately. In two and a half years, more than 50% of SMEs could totally amortise all their efficiency investments and if they were to implement the proposed measures (power optimisation, eliminating phantom energy consumption, compensating reactive energy and changing conventional lighting to LED lighting), they could save up to 4,660 euros per year.

Furthermore, the potential savings of the firms analysed based on their energy consumption, would be classified in three different categories: firstly, 29% would have potential savings below 10% of their



energy consumption, 21% would have potential savings ranging between 10% and 20% and thirdly, 35% would have potential savings of more than 20% of their energy consumption.

Optimising the contracted power is the first corrective measure, which does not require any investment for firms and Endesa's report reflects the percentage of firms that have savings in each section: 20% of firms have potential savings exceeding 2,000 euros per year, 40% have potential savings between 500 and 2000 euros per year and lastly, 40% have potential savings below 500 euros per year.

In terms of compensating reactive energy, Endesa's study revealed that 76% of firms do not have devices installed to control their reactive energy. In this regard, the study reveals that, thanks to the saving measures, 69% of firms recover their investment within 4 years.

In terms of efficient lighting, the investment in technology is amortised within four years in 52% of the cases. It is worth noting in this regard, that changing the entire lighting system to LED lighting saves firms considerable sums of money, with the amortisation varying, depending on the investment and the objectives thereof.

Endesa's new report also identifies a change in the potential savings of firms, since measures were identified with more interesting potential savings. Therefore, 9% more firms have potential savings of more than 20% with regard to consumption, with this figure standing at 35% of the firms analysed in this latest edition.

The Tertiary sector is the sector with the greatest saving potential if energy efficiency measures are implemented, since 56% of the firms in the tertiary sector analysed in the study show potential savings of more than 20% of their consumption. Furthermore, the Industrial sector has 7% more companies with a saving potential of more than 20% compared with the previous Report, with this figure standing at 42% exactly; while the Hotel/Catering and Agricultural sector are the sectors with the highest percentage in terms of energy efficiency improvement measures, with 21% in both cases.

Investing in energy efficiency not only increases firms' finances, but also benefits the environment. Firms that implement energy efficiency measures, reduce their emission by 23%, such as the tertiary sector, 16% in the industrial sector and 6% in the agricultural sector and 14% in the hotel/catering and residential sector.

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