

## ENECHANGE launches "My Energy Report" using AI-based appliance separation technology

~ Visualizing appliance-specific electricity usage with only smart meter data. ~

ENECHANGE Ltd. (Head Office: Minato-ku, Tokyo; Representative Director & CEO: Tomoya Maruoka, hereafter "ENECHANGE") will launch a new feature, "My Energy Report," in February 2026. This feature visualizes the electricity consumption of each appliance using the "NILM Lite," an AI-based appliance separation technology provided by Informetis Co., Ltd. (Head Office: Minato-ku, Tokyo; CEO: Taro Tadano, hereafter "Informetis"), as part of a collaborative initiative to solve challenges in the energy system.

Service URL: <https://enechange.jp/myenergy>

### ■Background

As energy prices rise, consumers are becoming more conscious of energy conservation, but there have been limited means to understand the specific breakdown of how much electricity each appliance consumes. Additionally, reducing emissions in the household sector is a crucial issue for achieving carbon neutrality by 2050. Traditionally, understanding the usage of each appliance required the installation of specialized equipment costing tens of thousands of yen, which became a major barrier to widespread adoption. This feature aims to promote efficient energy-saving actions without burdening users by using only electricity data obtained from smart meters to estimate and visualize "appliance-specific usage" through the power of software.

### ■Overview

"My Energy Report" will be added as a new feature within "My Energy," provided by ENECHANGE. Using Informetis' AI technology, it separates smart meter data into five categories: "Heating and Cooling," "Refrigerator," "Standby Power," "Lighting," and "Others," estimating and displaying the electricity usage for each.

### Key Features:

- Visualization of electricity consumption: The usage of each appliance, as estimated by AI, is displayed in specific figures.
- Intuitive understanding: Each appliance's usage is shown in three levels - "high, normal, low," allowing users to easily identify areas with energy-saving potential.
- Personalized suggestions: Based on analysis results, specific energy-saving information and advertising, such as recommendations for air conditioner cleaning, are provided.

\*This function is an AI-derived estimate and does not assure actual consumption.

### ■Introduction to services associated with the initiatives

"My Energy" is an energy management service for general consumers provided by ENECHANGE. With the addition of the "My Energy Report," users can not only gain a better understanding of "what they are using and how much," but also identify high consumption areas, enabling smart energy savings without compromising their quality of life.

### ■Technical Element and Features

This feature employs "AI-based Simplified Power Usage Visualization Technology (NILM Lite)" developed by Informetis. This technology estimates and analyzes the power consumption breakdown for each type of

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appliance using only the total power consumption of the entire household. As it leverages existing smart meters, there is no need for purchasing new hardware or installation work.

## ■Future Outlook

The impact on the Company's business performance is currently expected to be limited. We will disclose immediately any matters that should be publicly announced in the future.

## ■ENECHANGE Ltd.

ENECHANGE is an energy technology company that promotes a carbon-free society through digital innovation, with the mission of Changing Energy For A Better World.

Founded in 2015 and listed on the Tokyo Stock Exchange Mothers in 2020 (now known as the Tokyo Stock Exchange Growth Market, Securities Code: 4169), the company offers solutions across the entire energy retail value chain — including procurement, demand and supply management, retail and sales, and customer support — to meet the evolving needs of consumers and energy retailers in light of the “4Ds” of energy: Deregulation, Decentralization, Decarbonization and Digitalization.

URL : <https://enechange.co.jp/en/>

## ■For inquiries

ENECHANGE Ltd.

[pr@enechange.co.jp](mailto:pr@enechange.co.jp)

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