



Press release

Smart grid and enhanced services: HEDNO embraces the technologies of the future

HEDNO is advancing the digital transformation of its network, leveraging cutting-edge **NB-IoT** and **LTE-M** technologies to enhance consumer services and enable continuous monitoring of its infrastructure, ensuring faster fault detection and repair.

The new NB-IoT and LTE-M technologies, which support the collection, management, and transmission of consumption data from 7.7 million smart meters, are based on international standards. As a result, every household and business equipped with a smart meter will have access to 96 measurements per day (one every 15 minutes), with absolute accuracy and security. This enables more transparent billing and a clearer understanding of energy consumption. In addition, this data contributes to the upgrade of HEDNO's consumer services, allowing the Operator to immediately detect power outages or electricity theft, notify users, and proceed with restoration swiftly and efficiently.

A key advantage of NB-IoT and LTE-M technologies is their ability to provide wireless, reliable, and secure communication for millions of remote devices. LTE networks in Greece offer broad coverage – even in underground or remote areas – as well as high levels of data and communications security and stable operation with minimal interruptions.

In the first phase of the project, HEDNO is partnering with Nova, which supplies the SIM cards installed in the meters and provides NB-IoT/LTE-M mobile connectivity services for data transmission. This collaboration ensures nationwide coverage while offering secure and encrypted data transfer, 24-hour technical support, and the potential for future expansion to 5G networks and new Internet of Things (IoT) services.

Regarding the Company's digital transformation, HEDNO's CEO, **Mr. Tasos Manos**, stated: *"With the installation of smart meters and the digitalization of lines and substations, HEDNO's network is becoming the largest interconnected device network*



ever implemented in Greece. As part of our new collaboration, special SIM cards are provided for each meter, along with NB-IoT and LTE-M connectivity services that enable the secure and reliable transmission of data. In this way, we ensure that our smart meters communicate seamlessly with our systems, allowing us to deliver faster service and more 'intelligent' solutions to our consumers. By leveraging these technologies, HEDNO is taking a decisive step toward a smarter, more sustainable, and more efficient energy network. This initiative enhances the consumer experience, supports green growth, and opens up new opportunities for collaboration with the telecommunications sector."

Athens,
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The Press Office