

October 10, 2022



Energous Commends the United Nations' International Telecommunication Union Approval and Recommendation for Radio Frequency-based Wireless Power Transfer in the 900 MHz Band

Company helped lead the process to develop the global recommendation, representing a significant step forward for wireless power delivery for the growing IoT ecosystem

SAN JOSE, Calif.--(BUSINESS WIRE)-- [Energous Corporation](#) (NASDAQ: WATT), a leading developer of RF-based charging for wireless power networks, today applauds the [International Telecommunication Union \(ITU\) Recommendation ITU-R SM.2151-0](#), which includes an approval and recommendation for the 900 MHz frequency band for wireless power transfer for the wireless charging of devices such as sensors, smart tags, asset trackers and other IoT applications.

Over the past four years, Energous has taken a central and proactive leadership role in driving this recommendation, particularly with the support of the US, Japan, and Brazil delegations. The ITU recommendation is significant for Energous' WattUp PowerBridges, which transmit power at the 915 MHz band, and represents another step forward for Energous for the deployment of global active harvesting Wireless Power Networks running at 900 MHz.

"We applaud the ITU's approval and recommendation for RF wireless power transfer in the 900 MHz band. This will provide clear guidance around which frequencies can be used to power the expanding IoT ecosystem and help countries implement their national regulations," said Cesar Johnston, CEO of Energous. "We are particularly pleased with the 900 MHz addition, as our extensive experience and trials together with our customers have demonstrated that this band delivers the optimal balance of performance, technology footprint and solution cost for wireless power transfer to IoT devices."

Internet-connected devices are expanding in both numbers and capabilities, driving innovation, and delivering tremendous value. However, the current power delivery methods to IoT devices — including power cables and replaceable batteries — are not ideal and in many cases are limiting the rollout and practical use cases, particularly in the industrial and retail environments. Wireless power transfer overcomes these issues, ensuring a reliable, consistent power delivery method that can help large IoT deployments scale at an economic price.

The ITU is the United Nations' specialized agency for information and communication technologies. The ITU Radiocommunication Sector (ITU-R) aims at creating the conditions

for harmonized development and efficient operation of existing and new radiocommunication systems, through interference free operations of radiocommunication systems. This is ensured through implementation of the Radio Regulations and Regional Agreements, and the efficient and timely update of these instruments through the processes of the World and Regional Radiocommunication Conferences. Furthermore, radio standardization establishes 'Recommendations' intended to assure the necessary performance and quality in operating radiocommunication systems. It also seeks ways and means to conserve spectrum and ensure flexibility for future expansion and new technological developments, providing guidance to national governments.

ITU-R Recommendations are approved by ITU Member States and though their implementation is not mandatory, they enjoy a high reputation and are implemented worldwide because they are developed by experts from administrations, operators, the industry, and other organizations dealing with radiocommunication matters from all over the world.

WattUp PowerBridge transmitters from Energous are capable of charging multiple devices simultaneously at-a-distance using RF-based wireless power. Transmitting from 1W and up to 15W, WattUp PowerBridges send power to and also act as a data link for connected IoT devices such as sensors, Electronic Shelf Labels (ESLs), IoT tags, batteryless devices and more. Multiple WattUp PowerBridge transmitters can be meshed together to create a WattUp wireless power network covering unlimited distances for large footprint deployments such as retail stores, industrial warehouses, manufacturing plants, logistics hubs and more. By providing consistent levels of power for IoT devices and eliminating the costly need to manage and change out batteries or rely on restrictive power cables, WattUp PowerBridges usher in a new reality of batteryless, mobile, waterproof, maintenance-free and easier-to-implement devices.

To learn more about Energous, please visit Energous.com or follow the company on [Twitter](#), [Facebook](#) and [LinkedIn](#).

About Energous Corporation

Energous Corporation (Nasdaq: WATT) is leading the advancement of Wireless Power Networks to meet the growing power demands of today's devices and tomorrow's innovations. Its award-winning, RF-based WattUp® technology supports both near field and at-a-distance wireless power, enabling flexible device designs without cumbersome power cables or replaceable batteries. Energous develops silicon-based wireless power transfer (WPT) technologies and customizable reference designs for the expanding ecosystem of devices within industrial and retail IoT, smart homes, smart cities, and medical applications. The company has received the world's first FCC Part 18 certification for at-a-distance WPT and has been awarded more than 200 patents for its WattUp® technology.

Safe Harbor Statement

This press release contains "forward-looking statements" within the meaning of the Securities Act of 1933, as amended, the Securities Exchange Act of 1934, as amended, and the safe-harbor provisions of the Private Securities Litigation Reform Act of 1995. All statements other than statements of historical fact included in this press release are forward-looking statements. Forward-looking statements may describe our future plans and

expectations and are based on the current beliefs, expectations, and assumptions of Energous. These statements generally use terms such as “believe,” “expect,” “may,” “will,” “should,” “could,” “seek,” “intend,” “plan,” “estimate,” “anticipate” or other similar terms. Examples of our forward-looking statements in this release include, but are not limited to, our statements about the future of the global wireless charging industry, statements about our technology and its expected functionality, statements with respect to expected company growth, statements based on third parties’ market analyses, statements about any governmental approvals we may need to operate our business and statements with respect to the potential total addressable market for our current technologies and future products. Factors that could cause actual results to differ from current expectations include: uncertain timing of any necessary regulatory approvals; timing of customer product development and market success of customer products; our dependence on distribution partners; and intense industry competition. We urge you to consider those factors, together with the other risks and uncertainties described in our most recent annual report on Form 10-K as filed with the Securities and Exchange Commission (SEC), any subsequently filed quarterly reports on Form 10-Q, as well as any other documents that may have been subsequently filed by Energous, from time to time, with the SEC, in evaluating our forward-looking statements. In addition, any forward-looking statements represent Energous’ views only as of the date of this release and should not be relied upon as representing its views as of any subsequent date. Energous does not assume any obligation to update any forward-looking statements unless required by law.

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