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Energous and CAP-XX Partner to Develop Battery-free Wirelessly Powered IoT Devices for a Range of IoT Applications

CAP-XX's supercapacitors combined with Energous' wireless power technology to enable maintenance-free IoT devices that do not require battery replacement

SAN JOSE, Calif. & SYDNEY--(BUSINESS WIRE)-- Energous Corporation (NASDAQ: WATT), a leading developer of RF-based charging for wireless power networks, and CAP-XX Limited (LSE:CPX) — the leading manufacturer of ultra-thin prismatic, cylindrical, and Lithium-Ion supercapacitors — today announced a partnership to develop solutions that combine Energous' WattUp technology with CAP-XX's high-performance supercapacitors. The companies are partnering to pave the way for battery free IoT devices powered by Energous' wireless power technology and CAP-XX long-life supercapacitors.

This press release features multimedia. View the full release here: https://www.businesswire.com/news/home/20221129005148/en/

"One of the critical challenges hindering large-scale IoT deployment is the problem of constant battery replacement in each of those IoT devices," said Cesar Johnston, CEO of Energous. "We are partnering with CAP-XX to eliminate battery replacements and reduce cost of maintenance, thus enabling IoT devices at scale.

CAP-XX is a leader in the design and manufacture of thin, flat supercapacitors used in portable and small-scale electronic devices. Its supercapacitors feature high power density and high energy storage capacity in a space-efficient prismatic package, essential in internet-connected devices deployed in space-constrained electronics applications. CAP-XX thinnest supercapacitor is 0.4mm thick, about half the thickness of a credit card. CAP-XX supercapacitors provide peak power support for pulsed loads, secure power back-up for mission critical applications, and battery-independent power storage while also reducing the weight, cost and size of batteries, component cost and number and environmental impact.

"The combination of our supercapacitors with Energous' WattUp over-the-air wireless power technology will provide a much-needed solution to one of IoT's main headaches: the need for constant battery replacement," said Anthony Kongats, CEO at CAP-XX. "We are excited to work closely with Energous to develop a groundbreaking solution for the fast-growing ecosystem of IoT devices."

To learn more about Energous, please visit Energous.com or follow the company's corporate pages on Twitter, Facebook and LinkedIn.

About Energous Corporation

Energous Corporation (Nasdaq: WATT) is the Wireless Power Network global leader. Its

award-winning WattUp® solution is the only technology that supports both contact and distance charging through a fully compatible ecosystem. Built atop fast, efficient, and highly scalable RF-based charging technology, WattUp is positioned to offer improvements over older, first-generation coil-based charging technologies in power, efficiency, foreign device detection, freedom of movement and overall cost for industrial and retail IoT, smart homes, smart cities and medical devices. Energous develops silicon-based wireless power transfer (WPT) technologies and customizable reference designs, and provides worldwide regulatory assistance, a reliable supply chain, quality assurance, and sales and technical support to global customers. The company received the world's first FCC Part 18 certification for at-a-distance wireless charging and has been awarded over 200 patents for its WattUp wireless charging technology to-date.

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 and our technology. 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.

About CAP-XX

CAP-XX is the leader in the design and manufacture of supercapacitors, including ultra-thin prismatic, cylindrical and hybrid (lithium-ion capacitors), for managing burst power, micro energy harvesting and backup power needs in portable and IoT devices. CAP-XX also offers large, powerful supercapacitor modules for engine start and other microgrid/grid/power correction applications up to 2000V. CAP-XX prismatic supercapacitors are manufactured in Australia and Malaysia and its cylindrical and hybrid supercapacitors are manufactured in China and the USA. The company's strong intellectual property (IP) portfolio includes 11 patent families. CAP-XX's ultra-thin prismatic supercapacitors are ideal for space-constrained electronics applications where small energy storage device size and thickness are critical. Visit https://www.cap-xx.com/ or email sales@cap-xx.com.

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