ASX ANNOUNCEMENT **28 September 2026**

EBR Announces Completion of FDA Inspection of New Manufacturing Facility

Key Highlights

- The FDA has concluded its inspection of the Company's new manufacturing facility
- This inspection is connected to EBR's premarket approval supplement to add the facility as a manufactuirng site for WiSE®
- The FDA has issued a Form 483 listing two observations
- Form 483 observations are routine
- EBR continues to expect facility approval by the end of 2026

Santa Clara, California; 28 September 2026: EBR Systems, Inc., (ASX: "**EBR**", "**EBR Systems**", or the "**Company**"), developer of the world's only wireless cardiac pacing device for heart failure, today announced that the U.S. Food and Drug Administration (FDA) has concluded its inspection of the Company's new manufacturing facility.

The inspection was conducted by the FDA in connection with EBR's premarket approval (PMA) supplement to add the facility as a manufacturing site for the WiSE® System.

At the close of the inspection, the FDA investigator issued a Form FDA 483 (Inspectional Observations) listing two observations. The inspector asks the company to select a response for each of the observations and EBR responded, "Promised to Correct" for both observations, which was recorded on the form.

John McCutcheon, EBR Systems' President & Chief Executive Officer, said:

"Completion of the FDA Pre-Approval Inspection is an important step in the approval process for our new Santa Clara manufacturing facility.

The observations identified by the FDA are minor and we expect to address them during Q4.

The new facility remains an important part of EBR's manufacturing scale-up strategy and our broader U.S. commercial execution plans for WiSE."

The FDA's Center for Devices and Radiological Health will review the inspection record and make the final Agency determination regarding the inspection classification and the PMA supplement.

EBR continues to anticipate PMA approval of the new site by the end of 2026.

This inspection follows EBR's ASX announcement on 7 September 2026 which confirmed that the Santa Clara facility had achieved ISO 13485 certification from the British Standards Institution. Additionally, new manufacturing equipment had been installed at the site to support moving certain manual production processes toward automated assembly.

For more information about EBR, please visit https://www.ebrsystemsinc.com/.

ENDS

This announcement has been authorised for release by the EBR Systems Routine Disclosure Committee, a Committee of the Board of Directors.

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About EBR Systems

Silicon Valley-based EBR Systems (ASX:EBR) is dedicated to superior treatment of cardiac rhythm disease by providing more physiologically effective stimulation through wireless cardiac pacing. The patented proprietary Wireless Stimulation Endocardially (WiSE) technology was developed to eliminate the need for cardiac pacing leads, historically the major source of complications, effectiveness and reliability issues in cardiac rhythm disease management. The initial product is designed to eliminate the need for coronary sinus leads to stimulate the left ventricle in heart failure patients requiring Cardiac Resynchronisation Therapy (CRT). Future products potentially address wireless endocardial stimulation for bradycardia and other non-cardiac indications.

EBR Systems' WiSE Technology

EBR Systems' WiSE technology is the world's only wireless, endocardial (inside the heart) pacing system in clinical use for stimulating the heart's left ventricle. This has long been a goal of cardiac pacing companies since internal stimulation of the left ventricle is thought to be a potentially superior, more anatomically correct pacing location. WiSE technology enables cardiac pacing of the left ventricle with a novel cardiac implant that is roughly the size of a large grain of rice. The need for a pacing wire on the outside of the heart's left ventricle – and the attendant problems – are potentially eliminated. WiSE is an investigational device in most markets and is currently only available for sale in the US.

Forward-Looking Statements

This announcement contains or may contain forward-looking statements that are based on management's beliefs, assumptions, and expectations and on information currently available to management. Forward-looking statements involve known and unknown risks, uncertainties, contingencies and other factors, many of which are beyond the Company's control, subject to change without notice and may involve significant elements of subjective judgment and assumptions as to future events which may or may not be correct.

All statements that address operating performance, events or developments that we expect or anticipate will occur in the future are forward-looking statements, including without limitation our expectations with respect to our ability to commercialize our products and achieve broad market adoption including our estimates of potential revenues, costs, profitability and financial performance; our ability to develop and commercialize new products; our expectations with respect to our clinical trials, including enrollment in or completion of our clinical trials and our associated regulatory applications and approvals; our expectations with respect to the integrity or capabilities of our intellectual property position. These forward-looking statements are based on EBR Systems' current expectations and inherently involve significant risks and uncertainties. EBR Systems' actual results and the timing of events could differ materially from those anticipated in such forward-looking statements as a result of certain risks and uncertainties including those risks described in more detail in its most recently filed Annual Report on Form 10-K, Quarterly Report on Form 10-Q, and other documents on file with the SEC from time to time and available on the SEC's website at www.sec.gov.

Management believes that these forward-looking statements are reasonable as and when made. You should not place undue reliance on forward-looking statements because they speak only as of the date when made. EBR does not assume any obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise. EBR may not actually achieve the plans, projections or expectations disclosed in forward-looking statements, and actual results, developments or events could differ materially from those disclosed in the forward-looking statements.

Foreign Ownership Restriction

EBR's ASX-traded (ASX: EBR) CHESS Depositary Interests (CDIs) are issued in reliance on the exemption from registration contained in Regulation S of the US Securities Act of 1933 (Securities Act) for offers or sales which are made outside the US. Accordingly, the CDIs have not been, and will not be, registered under the Securities Act or the laws of any state or other jurisdiction in the US. The holders of EBR's CDIs are unable to sell the CDIs into the US or to a US person unless the re-sale of the CDIs is registered under the

Securities Act or an exemption is available. Hedging transactions with regard to the CDIs may only be conducted in accordance with the Securities Act.