
UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 12b-25

NOTIFICATION OF LATE FILING

SEC FILE NUMBER
001-37642

CUSIP NUMBER
29272A206

(Check One): Form 10-K Form 20-F Form 11-K Form 10-Q
 Form 10-D Form N-SAR Form N-CSR

For Period Ended: June 30, 2017

- Transition Report on Form 10-K
- Transition Report on Form 20-F
- Transition Report on Form 11-K
- Transition Report on Form 10-Q
- Transition Report on Form N-SAR

For the Transition Period Ended: _____

Read Instruction (on back page) Before Preparing Form. Please Print or Type.

Nothing in this form shall be construed to imply that the Commission has verified any information contained herein.

If the notification relates to a portion of the filing checked above, identify the Item(s) to which the notification relates: N/A

PART I—REGISTRANT INFORMATION

Ener-Core, Inc.

Full Name of Registrant

Former Name if Applicable

8965 Research Drive

Address of Principal Executive Office (*Street and Number*)

Irvine, California 92618

City, State and Zip Code

Ener-Core, Inc.

(Name of Registrant as Specified in Charter)

has caused this notification to be signed on its behalf by the undersigned hereunto duly authorized.

Date: August 14, 2017

/s/ Domonic J. Carney

By: Domonic J. Carney

Title: Chief Financial Officer