

AVENTINE RENEWABLE ENERGY HOLDINGS INC

Form 424B3

August 30, 2006

**Filed pursuant to Rule 424(b)(3)
Registration Statement No. 333-132881**

PROSPECTUS SUPPLEMENT NO. 2

TO PROSPECTUS DECLARED

EFFECTIVE ON JULY 25, 2006

Aventine Renewable Energy Holdings, Inc.

20,881,025 Shares of Common Stock

This prospectus supplement no. 2 supplements our prospectus dated July 27, 2006 and prospectus supplement no. 1 dated August 21, 2006. This prospectus supplement no. 2 relates to the resale by the selling stockholders listed below of certain shares of common stock of Aventine Renewable Energy Holdings, Inc. You should read this prospectus supplement no. 2 with the prospectus and prospectus supplement No. 1, which are to be delivered with this prospectus supplement no. 2.

On pages 82-100 of the prospectus, there is a table (the Selling Stockholder table) that lists: (i) each person selling the common stock in connection with the prospectus (the Selling Stockholders); (ii) the number of shares of common stock owned and (iii) the percentage of common stock outstanding.

This prospectus supplement no. 2 amends the Selling Stockholder table by revising the number of shares owned by each of the below selling stockholders as follows:

Name of Selling Stockholder	Number of Shares of Common Stock Owned	Percentage of Common Stock Outstanding
Impala Fund LP (32)	48,708	*
Impala Fund LTD (32)	41,492	*
Other selling shareholders	162,286	*

The prospectus, together with the prospectus supplements, constitute the prospectus required to be delivered by Section 5(b) of the Securities Act of 1933, as amended, with respect to offers and sales of the common stock. All references in the prospectus to this prospectus are hereby amended to read this prospectus (as supplemented and amended).

The date of this prospectus supplement is August 30, 2006.