

**SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549**

**FORM S-8
REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933**

ENERGY RECOVERY, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

01-0616867
(I.R.S Employer Identification No.)

1717 Doolittle Drive, San Leandro, California 94577
(Address, including zip code, of registrant's principal executive offices)

Energy Recovery, Inc.
2008 Equity Incentive Plan
(Full Title of the Plan)

G.G. Pique
President and Chief Executive Officer
1717 Doolittle Drive
San Leandro, CA 94577
(Name and Address of Agent for Service)

(510) 483-7370
(Telephone Number, Including Area Code, of Agent for Service)

Copy to:
Stephen J. Schrader, Esq.
Baker & McKenzie LLP
Two Embarcadero Center, 11th Floor
San Francisco, California 94111
(415) 576-3000

Indicate by check mark whether the Registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a small reporting company. See definition of "large accelerated filer", "accelerated filer" and "small reporting company" in Rule 12b-2 of the Securities Exchange Act of 1934 (Check One):

Large accelerated filer [] Accelerated filer [X] Non-accelerated filer [] Small Reporting Company []

CALCULATION OF REGISTRATION FEE

Title of Securities to be Registered	Amount to be Registered (1)(2)	Proposed Maximum Offering Price Per Share	Proposed Maximum Aggregate Offering Price	Amount of Registration Fee
Common Stock, \$0.001 par value per share:				
2008 Equity Incentive Plan (Future Issuances)	3,311,349 shares	\$ 6.06 (4)	\$ 20,066,775	\$1,430.76
2008 Equity Incentive Plan (Outstanding Options)	1,688,651 shares(3)	\$ 7.02 (5)	\$ 11,854,330	\$ 845.21
TOTAL	5,000,000 shares			\$2,275.97

- Pursuant to Rule 416(a) under the Securities Act of 1933, this Registration Statement shall also cover any additional shares of Common Stock which become issuable under the Energy Recovery, Inc. 2008 Equity Incentive Plan by reason of any stock dividend, stock split, recapitalization or other similar transaction effected without the Registrant's receipt of consideration which results in an increase in the number of outstanding shares of Registrant's Common Stock.
- Represents an additional 5,000,000 shares authorized under the evergreen provision of the 2008 Equity Incentive Plan, 2,500,000 shares of which were authorized as of January 1, 2009, and 2,500,000 shares of which were authorized as of January 1, 2010.
- This subtotal represents the sum of shares authorized under the evergreen provision of the 2008 Equity Incentive Plan and issuable upon exercise of presently outstanding options (options that are outstanding but unexercised as of the date of this Registration Statement) issued under the 2008 Equity Incentive Plan.
- Estimated in accordance with Rule 457(c) and Rule 457(h)(1) under the Securities Act of 1933 solely for the purpose of calculating the registration fee of shares reserved for future issuance under the Energy Recovery, Inc. 2008 Equity Incentive Plan. The computation is based on the average of the high and low prices of the Registrant's Common Stock as reported on NASDAQ for March 15, 2010.
- The proposed maximum offering price per share has been estimated, solely for the purpose of calculating the registration fee, pursuant to Rule 457(h) of the Securities Act of 1933 based on the weighted average exercise price of the shares subject to outstanding but unexercised options granted under the 2008 Equity Incentive Plan.

PART I

INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS

The documents containing the information specified in Part I of Form S-8 (plan information and registrant information and employee plan annual information) will be sent or given to employees as specified by Securities and Exchange Commission Rule 428(b)(1). Such documents need not be filed with the Securities and Exchange Commission either as part of this Registration Statement or as prospectuses or prospectus supplements pursuant to Rule 424. These documents and the documents incorporated by reference in this Registration Statement pursuant to Item 3 of Form S-8 (Part II hereof), taken together, constitute a prospectus that meets the requirements of Section 10(a) of the Securities Act of 1933.

PART II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 3. Incorporation of Documents by Reference.

The following documents filed by Energy Recovery, Inc. (the "Registrant") with the Securities and Exchange Commission (the "Commission") are incorporated by reference herein:

- (a) The Registrant's Annual Report on Form 10-K for the fiscal year ended December 31, 2009, filed with the Commission on March 15, 2010;
- (b) The Registrant's Current Reports on Form 8-K or Form 8-K/A filed with the Commission on January 7, 2010, January 19, 2010, March 4, 2010 and March 11, 2010, and all other reports filed pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934 since the end of the fiscal year covered by the Registrant's latest Annual Report referred to in (a) above (and provided that any portions of such reports that are deemed furnished and not filed pursuant to the instructions to Form 8-K shall not be incorporated by reference into this registration statement); and
- (c) The description of the Registrant's common stock shares contained in the Registrant's Registration Statement on Form 8-A filed with the Commission on June 26, 2008, pursuant to Section 12(b) of the Securities Exchange Act of 1934 and as declared effective on July 1, 2008, including any amendment or report filed for the purpose of updating such description.

All documents filed by the Registrant pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Securities Exchange Act of 1934 after the date of this Registration Statement, and prior to the filing of a post-effective amendment which indicates that all securities offered hereby have been sold or which deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference in this Registration Statement and to be a part hereof from the date of filing of such documents.

Item 4. Description of Securities.

Not applicable.

Item 5. Interests of Named Experts and Counsel.

Not applicable.

Item 6. Indemnification of Directors and Officers.

The Registrant's amended and restated certificate of incorporation provides that the Registrant may indemnify to the fullest extent permitted by Delaware law any person made or threatened to be made a party to an action or proceeding, whether criminal, civil, administrative or investigative, by reason of the fact that he or she was a director or officer of the Registrant or serves or served at any other enterprise as a director or officer at the request of the Registrant. Further, the Registrant's amended and restated certificate of incorporation contains provisions that limit the personal liability of the Registrant's directors for monetary damages to the fullest extent permitted by Delaware law.

In addition, as permitted by Section 145 of the Delaware General Corporation Law, the amended and restated bylaws of the Registrant provide that:

- The Registrant shall indemnify its directors and officers for serving the Registrant in those capacities or for serving other business enterprises at the Registrant's request, to the fullest extent permitted by Delaware law. Delaware law provides that a corporation may indemnify such person if such person acted in good faith and in a manner such person reasonably believed to be in or not opposed to the best interests of the Registrant and, with respect to any criminal proceeding, had no reasonable cause to believe such person's conduct was unlawful.
- The Registrant may, in its discretion, indemnify employees and agents in those circumstances where indemnification is not required by law.
- The Registrant is required to advance expenses, as incurred, to its directors and officers in connection with defending a proceeding, except that such director or officer shall undertake to repay such advances if it is ultimately determined that such person is not entitled to indemnification.
- The Registrant will not be obligated pursuant to the bylaws to indemnify a person with respect to proceedings initiated by that person, except with respect to proceedings authorized by the registrant's board of directors or brought to enforce a right to indemnification.
- The rights conferred in the bylaws are not exclusive, and the registrant is authorized to enter into indemnification agreements with its directors, officers, employees and agents and to obtain insurance to indemnify such persons.
- The Registrant may not retroactively amend the bylaw provisions to reduce its indemnification obligations to directors, officers, employees and agents.

The Registrant also maintains directors and officers insurance to insure such persons against certain liabilities.

Item 7. Exemption From Registration Claimed.

Not applicable.

Item 8. Exhibits.

Exhibit Number	Description
3.1	Amended and Restated Certificate of Incorporation, incorporated herein by reference to Exhibit 3.1 to the Registrant's Annual Report on Form 10-K filed March 27, 2009
3.2	Amended and Restated Bylaws, incorporated herein by reference to Exhibit 3.2 to the Registrant's Annual Report on Form 10-K filed March 27, 2009
5.1	Opinion of Baker & McKenzie LLP
23.1	Consent of BDO Seidman, LLP, Independent Registered Public Accounting Firm
23.2	Consent of Baker & McKenzie LLP (included in Exhibit 5.1)
24.1	Power of Attorney (included within signature page to this Form S-8)
99.1	2008 Equity Incentive Plan and form of Stock Option Agreement thereunder, incorporated by reference to Exhibit 10.6 to the Registrant's Registration Statement on Form S-1 (Registration No. 150007), as amended, filed May 12, 2008

Item 9. Undertakings.

(A) The undersigned Registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this Registration Statement:

(i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the Registration Statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the Registration Statement;

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the Registration Statement or any material change to such information in the Registration Statement;

Provided, however, that paragraphs (1)(i) and (1)(ii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the Registrant pursuant to section 13 or section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the Registration Statement.

(2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(B) The undersigned Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the Registration Statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(C) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing provisions or otherwise, the Registrant has been advised that in the opinion of the Commission such indemnification is against public policy as expressed in the Securities Act of 1933 and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question of whether such indemnification by it is against public policy as expressed in the Securities Act of 1933 and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant, Energy Recovery, Inc., certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of San Leandro, State of California, on this 18th day of March, 2010.

ENERGY RECOVERY, INC.

By: /s/ G.G. PIQUE
G. G. Pique
President and Chief Executive Officer

POWER OF ATTORNEY

Each person whose signature appears below constitutes and appoints Carolyn F. Bostick and Thomas D. Willardson and each of them, as attorneys-in-fact, each with the power of substitution, for him in any and all capacities, to sign any amendment to this Registration Statement and to file the same, with exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting to said attorneys-in-fact full power and authority to do and perform each and every act and thing requisite and necessary to be done in connection therewith, as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming the said attorney-in-fact or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ G.G. PIQUE</u> G.G. Pique	President and Chief Executive Officer (Principal Executive Officer) and Director	March 17, 2010
<u>/s/ THOMAS D. WILLARDSON</u> Thomas D. Willardson	Chief Financial Officer (Principal Financial Officer)	March 17, 2010
<u>/s/ DENO G. BOKAS</u> Deno G. Bokas	Vice President of Finance and Chief Accounting Officer (Principal Accounting Officer)	March 17, 2010
<u>/s/ HANS PETER MICHELET</u> Hans Peter Michelet	Executive Chairman	March 17, 2010
<u>/s/ ARVE HANSTVEIT</u> Arve Hanstveit	Director	March 17, 2010
<u>/s/ FRED OLAV JOHANNESSEN</u> Fred Olav Johannessen	Director	March 18, 2010
<u>/s/ DOMINIQUE TREMPONT</u> Dominique Trempont	Director	March 16, 2010
<u>/s/ PAUL M. COOK</u> Paul M. Cook	Director	March 17, 2010
<u>/s/ MARIE ELISABETH PATÉ-CORNELL</u> Marie Elisabeth Paté-Cornell	Director	March 17, 2010

INDEX TO EXHIBITS

Exhibit Number	Description
3.1	Amended and Restated Certificate of Incorporation, incorporated herein by reference to Exhibit 3.1 to the Registrant's Annual Report on Form 10-K filed March 27, 2009
3.2	Amended and Restated Bylaws, incorporated herein by reference to Exhibit 3.2 to the Registrant's Annual Report on Form 10-K filed March 27, 2009
5.1	Opinion of Baker & McKenzie LLP
23.1	Consent of BDO Seidman, LLP, Independent Registered Public Accounting Firm
23.2	Consent of Baker & McKenzie LLP (included in Exhibit 5.1)
24.1	Power of Attorney (included within signature page to this Form S-8)
99.1	2008 Equity Incentive Plan and form of Stock Option Agreement thereunder, incorporated by reference to Exhibit 10.6 to the Registrant's Registration Statement on Form S-1 (Registration No. 150007), as amended, filed May 12, 2008

[LETTERHEAD OF BAKER & MCKENZIE]

March 18, 2010

Energy Recovery, Inc.
1717 Doolittle Drive
San Leandro, California 94577

RE: Energy Recovery, Inc. - Registration Statement on Form S-8

Ladies and Gentlemen:

We have examined the Registration Statement on Form S-8 to be filed by you with the Securities and Exchange Commission on or about March 18, 2010 (the "Registration Statement"), in connection with the registration under the Securities Act of 1933, as amended (the "Securities Act"), of 5,000,000 shares of your Common Stock, par value \$0.001 per share (the "Shares"), under the 2008 Equity Incentive Plan (the "Plan"). As your counsel in connection with this transaction, we have examined the proceedings taken and proposed to be taken by you in connection with the issuance and sale of the Shares pursuant to the Plan.

In rendering this opinion, we have assumed the genuineness of all signatures on all documents examined by us, the due authority of the parties signing such documents, the authenticity of all documents submitted to us as originals, the conformity to the originals of all documents submitted to us as copies and that the offer and sale of the Shares complies in all respects with the terms, conditions and restrictions set forth in the Registration Statement and the Plan. We have also assumed that at the time of each issuance of Shares, there will be a sufficient number of shares of your Common Stock authorized for issuance under your amended and restated certificate of incorporation that have not otherwise been issued or reserved or committed for issuance.

Based upon the foregoing and subject to the limitations, qualifications, exceptions and assumptions set forth herein, it is our opinion that, when issued and sold in the manner described in the Plan and pursuant to the agreements which accompany each grant under the Plan, the Shares will be legally and validly issued, fully-paid and non-assessable.

This opinion is based as to matters of law solely on the Delaware General Corporation Law, as amended. We express no opinion herein as to any other laws, statutes, ordinances, rules or regulations. As used herein, the term "Delaware General Corporation Law, as amended" includes the statutory provisions contained therein, all applicable provisions of the Delaware Constitution and reported judicial decisions interpreting these laws.

We consent to the use of this opinion as an exhibit to the Registration Statement, and further consent to the use of our name wherever appearing in the Registration Statement and any amendments thereto. In giving this consent, we do not admit that we are within the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations of the Securities and Exchange Commission promulgated thereunder.

Very truly yours,

/s/ Baker & McKenzie LLP

BAKER & MCKENZIE LLP

Consent of Independent Registered Public Accounting Firm

Energy Recovery, Inc.
San Leandro, California

We hereby consent to the incorporation by reference in the Registration Statement on Form S-8 of our reports dated March 15, 2010, relating to the consolidated financial statements and financial statement schedule, and the effectiveness of Energy Recovery, Inc.'s internal control over financial reporting, appearing in the Company's Form 10-K for the year ended December 31, 2009.

/s/ BDO Seidman, LLP

San Jose, California
March 18, 2010