

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

FORM 10-Q

(Mark One)

R **QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**  
For the quarterly period ended September 30, 2011

OR

£ **TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission File Number: 001-34112

**Energy Recovery, Inc.**

(Exact name of registrant as specified in its charter)

Delaware  
(State of Incorporation)

01-0616867  
(IRS Employer Identification No.)

1717 Doolittle Drive  
San Leandro, CA 94577  
(Address of Principal Executive Offices)

94577  
(Zip Code)

(510) 483-7370  
(Telephone No.)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports) and (2) has been subject to such filing requirements for the past 90 days. Yes  No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§ 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes  No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer

Accelerated filer

Non-accelerated filer

Smaller reporting company

(Do not check if a smaller reporting company)

Indicate by check mark whether the registrant is a shell company (as defined in Exchange Act Rule 12b-2). Yes  No

As of November 2, 2011, there were 52,644,546 shares of the registrant's common stock outstanding.

ENERGY RECOVERY, INC.

QUARTERLY REPORT ON FORM 10-Q FOR THE PERIOD ENDED SEPTEMBER 30, 2011

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## PART I — FINANCIAL INFORMATION

## Item 1. Financial Statements (unaudited)

**ENERGY RECOVERY, INC.**  
**CONDENSED CONSOLIDATED BALANCE SHEETS**  
(in thousands, except share data and par value)  
(unaudited)

	<u>September 30,</u> <u>2011</u>	<u>December 31,</u> <u>2010</u>
<b>ASSETS</b>		
<b>Current assets:</b>		
Cash and cash equivalents	\$ 45,430	\$ 55,338
Restricted cash	6,674	4,636
Accounts receivable, net of allowance for doubtful accounts of \$48 and \$44 at September 30, 2011 and December 31, 2010, respectively	3,795	9,649
Unbilled receivables, current	2,173	2,278
Inventories	9,917	9,772
Deferred income taxes	580	2,097
Prepaid expenses and other current assets	4,694	4,428
<b>Total current assets</b>	<u>73,263</u>	<u>88,198</u>
Restricted cash, non-current	3,952	2,244
Property and equipment, net	20,787	22,314
Goodwill	12,790	12,790
Other intangible assets, net	7,314	8,352
Other assets, non-current	2	19
<b>Total assets</b>	<u>\$ 118,108</u>	<u>\$ 133,917</u>
<b>LIABILITIES AND STOCKHOLDERS' EQUITY</b>		
<b>Current liabilities:</b>		
Accounts payable	\$ 1,508	\$ 1,429
Accrued expenses and other current liabilities	4,642	5,248
Income taxes payable	21	13
Accrued warranty reserve	744	1,028
Deferred revenue, current	520	2,341
Current portion of long-term debt	117	128
Current portion of capital lease obligations	98	160
<b>Total current liabilities</b>	<u>7,650</u>	<u>10,347</u>
Long-term debt	—	85
Capital lease obligations, non-current	24	144
Deferred income taxes	1,647	317
Deferred revenue, non-current	238	157
Other non-current liabilities	2,085	2,067
<b>Total liabilities</b>	<u>11,644</u>	<u>13,117</u>
Commitments and Contingencies (Note 8)		
<b>Stockholders' equity:</b>		
Preferred stock, \$0.001 par value; 10,000,000 shares authorized; no shares issued or outstanding	—	—
Common stock, \$0.001 par value; 200,000,000 shares authorized; 52,643,129 and 52,596,170 shares issued and outstanding at September 30, 2011 and December 31, 2010, respectively	53	53
Additional paid-in capital	114,103	112,025
Notes receivable from stockholders	(23)	(38)
Accumulated other comprehensive loss	(87)	(80)
Retained earnings (accumulated deficit)	(7,582)	8,840
<b>Total stockholders' equity</b>	<u>106,464</u>	<u>120,800</u>
<b>Total liabilities and stockholders' equity</b>	<u>\$ 118,108</u>	<u>\$ 133,917</u>

See accompanying notes to unaudited Condensed Consolidated Financial Statements.

**ENERGY RECOVERY, INC.**  
**CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS**  
(in thousands, except per share data)  
(unaudited)

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2011	2010	2011	2010
Net revenue	\$ 4,933	\$ 6,921	\$ 21,932	\$ 32,840
Cost of revenue	4,214	4,537	14,221	16,470
Gross profit	719	2,384	7,711	16,370
Operating expenses:				
General and administrative	3,571	3,335	11,953	10,724
Sales and marketing	2,291	1,860	6,370	5,962
Research and development	726	1,252	2,626	2,943
Amortization of intangible assets	346	683	1,037	2,049
Restructuring charges	470	—	470	—
Total operating expenses	7,404	7,130	22,456	21,678
Loss from operations	(6,685)	(4,746)	(14,745)	(5,308)
Interest expense	(5)	(15)	(30)	(53)
Other non-operating income (expense), net	(127)	78	128	(21)
Loss before income taxes	(6,817)	(4,683)	(14,647)	(5,382)
Provision for (benefit from) income taxes	4,509	(833)	1,775	(1,278)
Net loss	\$ (11,326)	\$ (3,850)	\$ (16,422)	\$ (4,104)
Basic and diluted net loss per share	\$ (0.22)	\$ (0.07)	\$ (0.31)	\$ (0.08)
Shares used in computing basic and diluted net loss per share	52,636	52,447	52,602	51,923

See accompanying notes to unaudited Condensed Consolidated Financial Statements.

**ENERGY RECOVERY, INC.**  
**CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS**  
(in thousands)  
(unaudited)

	Nine Months Ended September 30,	
	2011	2010
<b>Cash Flows From Operating Activities</b>		
Net loss	\$ (16,422)	\$ (4,104)
Adjustments to reconcile net loss to net cash used in operating activities:		
Depreciation and amortization	3,608	3,785
Loss on disposal of fixed assets	75	—
Interest accrued on notes receivables from stockholders	(1)	(2)
Share-based compensation	2,020	2,028
Net unrealized loss on foreign currency transactions	16	36
Deferred income taxes	2,846	50
Excess tax benefit from share-based compensation arrangements	6	(31)
Provisions for (recoveries of) doubtful accounts	4	(154)
Provision for warranty claims	469	447
Valuation adjustments for excess or obsolete inventory	63	216
Amortization of inventory acquisition valuation step-up	—	870
Other non-cash adjustments	18	(112)
Changes in operating assets and liabilities:		
Accounts receivable	5,837	6,672
Unbilled receivables	119	3,652
Inventories	(208)	(2,805)
Prepaid and other assets	(247)	(2,484)
Accounts payable	131	53
Accrued expenses and other liabilities	(1,105)	(3,359)
Income taxes payable	11	(280)
Deferred revenue	(1,740)	(612)
<b>Net cash (used in) provided by operating activities</b>	<b>(4,500)</b>	<b>3,866</b>
<b>Cash Flows From Investing Activities</b>		
Capital expenditures	(1,841)	(9,097)
Proceeds from sale of capitalized assets	415	—
Restricted cash	(3,746)	2,899
<b>Net cash used in investing activities</b>	<b>(5,172)</b>	<b>(6,198)</b>
<b>Cash Flows From Financing Activities</b>		
Repayment of long-term debt	(96)	(266)
Repayment of capital lease obligation	(182)	(159)
Net proceeds from issuance of common stock	50	392
Excess tax benefit from share-based compensation arrangements	—	31
Collection of notes receivables from stockholders	16	54
<b>Net cash (used in) provided by financing activities</b>	<b>(212)</b>	<b>52</b>
<b>Effect of exchange rate differences on cash and cash equivalents</b>	<b>(24)</b>	<b>(33)</b>
<b>Net decrease in cash and cash equivalents</b>	<b>(9,908)</b>	<b>(2,313)</b>
<b>Cash and cash equivalents, beginning of period</b>	<b>55,338</b>	<b>59,115</b>
<b>Cash and cash equivalents, end of period</b>	<b>\$ 45,430</b>	<b>\$ 56,802</b>

See accompanying notes to unaudited Condensed Consolidated Financial Statements.

**ENERGY RECOVERY, INC.**  
**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
**(unaudited)**

**Note 1 — The Company and Summary of Significant Accounting Policies**

***The Company***

Energy Recovery, Inc. (“the Company”, “ERI”, “we” or “us”) develops, manufactures and sells high-efficiency energy recovery devices for use in seawater desalination. Our products are sold under the trademarks ERI™, PX™, PEI™, Pressure Exchanger™, PX Pressure Exchanger™, Pump Engineering™ and Quadribaric™. Our energy recovery devices make desalination affordable by capturing and reusing the otherwise lost pressure energy from the concentrated seawater reject stream of the desalination process. We also manufacture and sell high-pressure pumps and circulation pumps for use in desalination. Our products are developed and manufactured in the United States of America (“U.S.”) at our headquarters in San Leandro, California, and at our facility in New Boston, Michigan. During the third quarter of 2011, we initiated a restructuring plan to relocate our New Boston operations to San Leandro. Additionally, we have direct sales offices and technical support centers in Madrid, Dubai, and Shanghai.

The Company was incorporated in Virginia in April 1992 and reincorporated in Delaware in March 2001. Shares of our common stock began trading publicly in July 2008. We have five wholly-owned subsidiaries: Osmotic Power, Inc., Energy Recovery, Inc. International, Energy Recovery Iberia, S.L., Pump Engineering, Inc., and ERI Energy Recovery Ireland Ltd. incorporated in September 2005, July 2006, September 2006, November 2009, and April 2010, respectively.

***Use of Estimates***

The preparation of financial statements in conformity with U.S. generally accepted accounting principles (“U.S. GAAP”) requires our management to make judgments, estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Our most significant estimates and judgments involve the determination of revenue recognition, allowance for doubtful accounts, allowance for product warranty, valuation of stock options, valuation of goodwill and acquired intangible assets, useful lives for depreciation and amortization, valuation adjustments for excess and obsolete inventory, deferred taxes and valuation allowances on deferred tax assets. Actual results could differ materially from those estimates.

***Basis of Presentation***

Our condensed consolidated financial statements include the accounts of Energy Recovery, Inc. and its wholly-owned subsidiaries. All significant intercompany accounts and transactions have been eliminated.

The accompanying condensed consolidated financial statements have been prepared by us, without audit, pursuant to the rules and regulations of the Securities and Exchange Commission (“SEC”). Certain information and footnote disclosures normally included in financial statements prepared in accordance with U.S. GAAP have been condensed or omitted pursuant to such rules and regulations. The December 31, 2010 condensed consolidated balance sheet was derived from audited financial statements, but does not include all disclosures required by U.S. GAAP; however, we believe that the disclosures are adequate to make the information presented not misleading. These unaudited condensed consolidated financial statements should be read in conjunction with the audited consolidated financial statements and the notes thereto for the fiscal year ended December 31, 2010 included in our Annual Report on Form 10-K filed with the SEC on March 15, 2011.

In the opinion of management, all adjustments, consisting of only normal recurring adjustments, which are necessary to present fairly the financial position, results of operations and cash flows for the interim periods, have been made. The results of operations for the interim periods are not necessarily indicative of the operating results for the full fiscal year or any future periods.

Our presentation of certain expenses and liabilities in our condensed consolidated financial statements has changed from prior periods. In our condensed consolidated statements of operations, amortization expense recorded in connection with finite-lived intangible assets was previously included in the caption “General and Administrative” and is now included in the caption “Amortization of Intangible Assets.” In our condensed consolidated balance sheets, deferred service revenue that is expected to be realized more than twelve months from the balance sheet date was previously included in the caption “Other Non-current Liabilities” and is now included in the caption “Deferred Revenue, Non-current.” We believe that these changes provide a more meaningful presentation of our operating expenses and long-term obligations. Amounts presented for the three and nine months ended September 30, 2010 and as of December 31, 2010 have been reclassified to conform to the current presentation.

### Recently Adopted Accounting Guidance

On January 1, 2011, we adopted guidance issued by the Financial Accounting Standards Board (“FASB”) on revenue arrangements with multiple deliverables. The guidance is effective for revenue arrangements entered into or materially modified on or after January 1, 2011. Under the new guidance, when vendor specific objective evidence or third party evidence for deliverables in an arrangement cannot be determined, a best estimate of the selling price is required to separate deliverables and allocate arrangement consideration using the relative selling price method. The new guidance eliminates the use of the residual value method for determining the allocation of arrangement consideration and includes new disclosure requirements on how the application of the relative selling price method affects the timing and amount of revenue recognition. Adoption of the new guidance did not have a material impact on our financial statements.

### Recent Accounting Guidance Not Yet Adopted

In September 2011, the Financial Accounting Standards Board (“FASB”) issued Accounting Standards Update (“ASU”) No. 2011-08, *Intangibles—Goodwill and Other, Testing Goodwill for Impairment*. The revised standard is intended to reduce the cost and complexity of the annual goodwill impairment test by providing entities an option to perform a qualitative assessment to determine whether further impairment testing is necessary. If an entity believes, as a result of its qualitative assessment, that it is more-likely-than-not that the fair value of a reporting unit is less than its carrying amount, then the quantitative impairment test is required. Otherwise, no further testing is required. The ASU is effective for annual and interim goodwill impairment tests performed for fiscal years beginning after December 15, 2011 with early adoption permitted. Adoption of this guidance is not expected to have a material impact on our consolidated financial statements.

In June 2011, the FASB issued ASU No. 2011-05, *Comprehensive Income (Topic 220): Presentation of Comprehensive Income*. ASU No. 2011-05 requires that all nonowner changes in stockholders’ equity be presented either in a single continuous statement of comprehensive income or in two separate but consecutive statements, eliminating the option to present other comprehensive income in the statement of changes in equity. Under either choice, items that are reclassified from other comprehensive income to net income are required to be presented on the face of the financial statements where the components of net income and the components of other comprehensive income are presented. This ASU is effective for us in 2012 and will be applied retrospectively. This amendment will change the manner in which we present comprehensive income.

### Note 2 — Goodwill and Other Intangible Assets

In December 2009, we acquired 100% of the equity interests of Pump Engineering, LLC, a private US company and supplier of energy recovery technology and pumps for use in the global desalination market. The purchase price was allocated to the tangible assets and intangible assets acquired and liabilities assumed based on their estimated fair values on the acquisition date, with the remaining unallocated purchase price recorded as goodwill. As of September 30, 2011, there were no changes in the recognized amounts of goodwill resulting from the acquisition of Pump Engineering, LLC.

Our intangible assets include intangible assets acquired in the acquisition of Pump Engineering, LLC and costs related to our development of patents. The following is a summary of our identifiable intangible assets as of September 30, 2011 and December 31, 2010, respectively (in thousands, except useful life data):

	September 30, 2011			
	Gross Carrying Amount	Accumulated Amortization	Accumulated Impairment Losses	Net Carrying Amount
Developed Technology	\$ 6,100	\$ (1,120)	\$ —	\$ 4,980
Non-compete agreements	1,310	(776)	—	534
Trademarks	1,200	(110)	—	1,090
Customer relationships	990	(528)	—	462
Patents	585	(295)	(42)	248
	<u>\$ 10,185</u>	<u>\$ (2,829)</u>	<u>\$ (42)</u>	<u>\$ 7,314</u>

	December 31, 2010			
	Gross Carrying Amount	Accumulated Amortization	Accumulated Impairment Losses	Net Carrying Amount
Developed Technology	\$ 6,100	\$ (659)	\$ —	\$ 5,441
Non-compete agreements	1,310	(461)	—	849
Trademarks	1,200	(65)	—	1,135
Customer relationships	990	(330)	—	660
Patents	585	(276)	(42)	267
	<u>\$ 10,185</u>	<u>\$ (1,791)</u>	<u>\$ (42)</u>	<u>\$ 8,352</u>

### Note 3 — Net Loss Per Share

Basic and diluted net loss per share is based on the weighted average number of common shares outstanding during the period.

Potentially dilutive securities are excluded from the calculation of earnings or loss per share if their inclusion is anti-dilutive. The following table shows the total outstanding securities considered anti-dilutive and therefore excluded from the computation of diluted net loss per share (in thousands):

	Three and Nine Months Ended September 30, <sup>1</sup>	
	2011	2010
Restricted awards	16	59
Stock options	4,918	4,054
Warrants	970	970

<sup>1</sup> Amounts are not weighted.

### Note 4 — Other Financial Information

#### *Restricted Cash*

The Company has pledged cash in connection with irrevocable standby letters of credit, an equipment promissory note, and contingent payments resulting from a business acquisition. The Company has deposited corresponding amounts into money market and non-interest-bearing accounts at two financial institutions for these items as follows (in thousands):

	September 30, 2011	December 31, 2010
Contingent and other consideration for acquisition of Pump Engineering, LLC	\$ 3,503	\$ 4,605
Collateral for irrevocable standby letters of credit	7,000	2,051
Collateral for equipment promissory note	123	224
	<u>\$ 10,626</u>	<u>\$ 6,880</u>

In July 2011, \$1.1 million in contingent consideration attributable to general representations and warranties was released from escrowed funds and remitted to the former owners of Pump Engineering, LLC, in accordance with the terms of the purchase agreement.

#### *Inventories*

Our inventories consisted of the following (in thousands):

	September 30, 2011	December 31, 2010
Raw materials	\$ 5,462	\$ 5,866
Work in process	1,631	831
Finished goods	2,824	3,075
	<u>\$ 9,917</u>	<u>\$ 9,772</u>



### Revenue by Product Category

The Company manufactures and sells high-efficiency energy recovery products, high-pressure pumps and related parts and services under one operating segment (see Note 9 — “Business Segment and Geographic Information”). Although the Company operates under one segment, it categorizes revenue based on type of energy recovery device and its related products and services. The following table reflects revenue by product category for the periods indicated (in thousands):

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2011	2010	2011	2010
PX devices and related products and services	\$ 2,770	\$ 3,905	\$ 14,609	\$ 23,437
Turbochargers and pumps	2,163	3,016	7,323	9,403
	<u>\$ 4,933</u>	<u>\$ 6,921</u>	<u>\$ 21,932</u>	<u>\$ 32,840</u>

### Note 5 — Long-Term Debt and Capital Leases

#### Long-Term Debt

As of September 30, 2011, long-term debt consisted of one equipment promissory note payable. Future minimum principal payments due under this long-term debt arrangement consist of the following (in thousands):

	September 30, 2011
2011 (remaining three months)	\$ 32
2012	85
	<u>\$ 117</u>

We are party to a line of credit agreement with a financial institution. Under this credit agreement, we are allowed to draw advances up to \$10.0 million on a revolving line of credit or utilize up to \$15.9 million as collateral for irrevocable standby letters of credit, provided that the aggregate of the outstanding advances and collateral do not exceed the total available credit line of \$16.0 million. Advances under the revolving line of credit incur interest based on either a prime rate index or LIBOR plus 1.375%.

Effective July 2011, the credit agreement was amended, requiring us to maintain a cash collateral balance equal to at least 101% of the face amount of all outstanding letters of credit collateralized by the line of credit and 100% of the amount of all outstanding advances. As of September 30, 2011, the amounts outstanding on irrevocable letters of credit collateralized under this credit agreement totaled approximately \$6.4 million. There were no advances drawn under this line of credit as of September 30, 2011.

During the periods presented, we provided certain customers with irrevocable standby letters of credit to secure our obligations for the delivery of products, performance guarantees and warranty commitments in accordance with sales arrangements. Most of these letters of credit were issued under our revolving line of credit. The letters of credit generally terminate within 12 to 36 months from issuance.

We are subject to certain financial and administrative covenants under the amended revolving line credit agreement. As of September 30, 2011, we were in compliance with all covenants under the amended agreement.

#### Capital Leases

Future minimum payments under capital leases consist of the following (in thousands):

	September 30, 2011
2011 (remaining three months)	\$ 31
2012	79
2013	17
Total future minimum lease payments	127
Less: amount representing interest	(5)
Present value of net minimum capital lease payments	122
Less: current portion	(98)
Long-term portion	<u>\$ 24</u>

## Note 6 — Equity

### Stock Repurchase Program

In June 2011, our board of directors authorized a stock repurchase program under which up to five million shares of our outstanding common stock may be repurchased over the next 12 months at the discretion of management. No shares have been purchased to date under this program.

### Share-based Compensation Expense

For the three months ended September 30, 2011 and 2010, we recognized share-based compensation expense related to employees and consultants as follows (in thousands):

	Three Months Ended September 30,		Nine Months Ended September 30,	
Cost of revenue	\$ 35	\$ 48	\$ 112	\$ 142
General and administrative	438	445	1,287	1,341
Sales and marketing	180	165	477	427
Research and development	53	61	144	118
	<u>\$ 706</u>	<u>\$ 719</u>	<u>\$ 2,020</u>	<u>\$ 2,028</u>

As of September 30, 2011, total unrecognized compensation cost related to non-vested share-based awards, net of estimated forfeitures, was \$4.4 million, which is expected to be recognized as expense over a weighted-average period of approximately 2.3 years.

In February 2011, our board of directors appointed a new Chief Executive Officer (CEO). Upon board approval, the new CEO was granted 800,000 stock options. The options vest over a period of four years and carry an exercise price of \$3.41.

In April 2011, our board of directors appointed a new Chief Financial Officer (CFO). Upon board approval, the new CFO was granted 400,000 stock options. The options vest over a period of four years and carry an exercise price of \$2.58.

In September 2011, the external members of our board of directors were granted an aggregate of 273,294 options in accordance with annual compensation terms approved by the compensation committee of the board of directors. The options fully vest in June 2012 and carry an exercise price of \$2.61.

## Note 7 — Income Taxes

As of September 30, 2011, a valuation allowance of approximately \$2.8 million was established to reduce our deferred income tax assets to the amount expected to be realized. The valuation allowance represents a provision for uncertainty as to the realization of tax benefits from these deferred income tax assets. We record net deferred income tax assets to the extent we believe that it is more likely than not that these assets will be realized in accordance with generally accepted accounting principles. In making such a determination, we consider all available positive and negative evidence including recent results of operations, scheduled reversals of deferred tax liabilities, projected future income and available tax planning strategies. We will continue to evaluate the tax benefit uncertainty and will adjust, if warranted, the valuation allowance in the future periods to the extent that our deferred income tax assets become more likely than not to be realizable. Our effective tax rate for the nine months ended September 30, 2011 and 2010 was 12% and 24%, respectively. These effective tax rates differ from the U.S. statutory rate principally due to the effect of state income taxes and non-deductible share-based compensation, and in 2011, by limitations stemming from a valuation allowance on deferred income tax assets. The change in the effective tax rate from the comparable period in the prior year was principally due to changes in our forecasted loss and the application of a valuation allowance in the third quarter of 2011.

## Note 8 — Commitments and Contingencies

### Operating Lease Obligations

We lease facilities under fixed non-cancelable operating leases that expire on various dates through November 2019. Future minimum lease payments consist of the following (in thousands):

	September 30, 2011
2011 (remaining three months)	\$ 382
2012	1,495
2013	1,474
2014	1,492
2015	1,477
Thereafter	5,990
	<u>\$ 12,310</u>

### Product Warranty

We sell products with a limited warranty for a period ranging from one to six years. We accrue for warranty costs based on estimated product failure rates, historical activity and expectations of future costs. Periodically, we evaluate and adjust the warranty costs to the extent actual warranty costs vary from the original estimates.

The following table summarizes the activity related to the product warranty liability during the three and nine months ended September 30, 2011 and 2010 (in thousands):

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2011	2010	2011	2010
Balance, beginning of period	\$ 763	\$ 850	\$ 1,028	\$ 605
Warranty costs charged to cost of revenue	216	119	469	447
Utilization of warranty	(235)	(86)	(753)	(169)
Balance, end of period	<u>\$ 744</u>	<u>\$ 883</u>	<u>\$ 744</u>	<u>\$ 883</u>

### Purchase Obligations

We enter into purchase order arrangements with our vendors. As of September 30, 2011, there are open purchase orders for which we have not yet received the related goods or services. The majority of these purchase order arrangements are related to various key raw materials and components parts and are subject to change based on our sales demand forecasts. We have the right to cancel most of these arrangements prior to the date of delivery. As of September 30, 2011, we had approximately \$2.1 million of cancelable open purchase order arrangements related primarily to materials and parts.

In 2008, we entered into a supply agreement with a vendor in order to manage the cost and availability of key raw materials and components. The agreement was amended in 2010. Under the terms of the amended agreement, we committed to future minimum annual purchases of raw materials and components through 2013. If annual purchase commitments are not met, a penalty of approximately 35% of the remaining open annual minimum purchase requirement could be assessed by the vendor. In June 2011, due to ongoing quality issues, we notified the vendor of our termination of the agreement for material breach. At the date of termination of the supply agreement in June 2011, \$1.2 million in minimum purchase commitments remained open for fiscal year 2011. No amounts have been accrued related to this agreement as of September 30, 2011.

### Guarantees

We enter into indemnification provisions under our agreements with other companies in the ordinary course of business, typically with customers. Under these provisions, we generally indemnify and hold harmless the indemnified party for losses suffered or incurred by the indemnified party as a result of our activities, generally limited to personal injury and property damage caused by our employees at a customer's desalination plant in proportion to the employee's percentage of fault for the accident. Damages incurred for these indemnifications would be covered by our general liability insurance to the extent provided by the policy limitations. We have not incurred material costs to defend lawsuits or settle claims related to these indemnification agreements. As a result, the estimated fair value of these agreements is not material. Accordingly, there are no liabilities recorded for these agreements as of September 30, 2011 and December 31, 2010.

In certain cases, we issue warranty and product performance guarantees to our customers for amounts ranging from 10% to 30% of the total sales agreement to endorse the execution of product delivery and the warranty of design work, fabrication and operating performance of the PX device. These guarantees are generally irrevocable standby letters of credit and remain in place for periods ranging from 12 to 36 months which relate to the underlying product warranty period. The irrevocable standby letters of credit are collateralized by restricted cash and our credit facility. Of \$6.9 million in outstanding irrevocable standby letters of credit at September 30, 2011, \$6.4 million were issued under our credit facility and \$0.5 million were issued by another financial institution. The irrevocable standby letters of credit outstanding at September 30, 2011 were collateralized by restricted cash of \$7.0 million.

### Litigation

We are not currently a party to any material litigation and are not aware of any pending or threatened litigation against us that we believe would adversely affect our business, operating results, financial condition or cash flows. However, in the future, we may be subject to legal proceedings in the ordinary course of business.

### Note 9 — Business Segment and Geographic Information

We manufacture and sell high-efficiency energy recovery products and related services and operate under one segment. Our chief operating decision-maker is the chief executive officer ("CEO"). The CEO reviews financial information presented on a consolidated basis for purposes of making operating decisions and assessing financial performance. Accordingly, we have concluded that we have one reportable segment.

The following geographic information includes net revenue to our domestic and international customers based on the customers' requested delivery locations, except for certain cases in which the customer directed us to deliver our products to a location that differs from the known ultimate location of use. In such cases, the ultimate location of use, rather than the delivery location, is reflected in the table below (in thousands, except percentages):

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2011	2010	2011	2010
Domestic revenue	\$ 243	\$ 511	\$ 2,248	\$ 2,821
International revenue	4,690	6,410	19,684	30,019
Total revenue	\$ 4,933	\$ 6,921	\$ 21,932	\$ 32,840
Revenue by country:				
India	17%	4%	19%	3%
Saudi Arabia	10	*	7	1
United States	5	7	10	9
Australia	5	5	2	43
Spain	2	12	6	6
Cyprus	*	16	5	3
Others**	61	56	51	35
Total	100%	100%	100%	100%

\* Less than 1%.

\*\* Includes remaining countries not separately disclosed. No country in this line item accounted for more than 10% of our net revenue during any of the periods presented.

Approximately 99% of our long-lived assets were located in the United States at September 30, 2011 and December 31, 2010.

### Note 10 — Concentrations

Two customers, Aquatech Systems (Asia) Pvt. Ltd. and UTE Desaladora Skikda, an affiliated entity of Geida, accounted for approximately 17% and 11%, respectively, of our accounts receivable at September 30, 2011. Geida is a consortium of Befesa Agua, a subsidiary of Abengoa S.A; Cobra-Tedagua, a subsidiary of ACS Actividades de Construcción y Servicios, S.A.; and Sadyt S.A., a subsidiary of Sacyr Vallehermoso, S. A. As of December 31, 2010, three customers, Hydrochem (S) Pte Ltd (a Hyflux company), UTE Desaladora Qingdao (a Befesa Agua entity), and Nirosoft Industries Ltd. accounted for approximately 22%, 16%, and 10% of our trade accounts receivable, respectively.

Revenue from customers representing 10% or more of net revenue varies from period to period. For the three months ended September 30, 2011, Aquatech Systems (Asia) Pvt. Ltd. accounted for approximately 12% of our net revenue. For the three months ended September 30, 2010, Nirosoft Industries Ltd. accounted for approximately 16% of our net revenue. For the nine months ended September 30, 2011, IDE Technologies Ltd. accounted for approximately 18% of our net revenue. For the nine months ended September 30, 2010, Thiess Degremont J.V. (a joint venture of Thiess Pty Ltd. and Degremont S.A.) and Acciona Agua accounted for approximately 32% and 9% of our net revenue, respectively.

No other customer accounted for more than 10% of our net revenue during any of these periods.

**Note 11 — Fair Value Measurements**

We follow the authoritative guidance for fair value measurements and disclosures, which among other things, defines fair value, establishes a consistent framework for measuring fair value and expands disclosure for each major asset and liability category measured at fair value on either a recurring or nonrecurring basis. Fair value is defined as an exit price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants. As such, fair value is a market-based measurement that should be determined based on assumptions that market participants would use in pricing an asset or liability.

The framework for measuring fair value provides a hierarchy that prioritizes the inputs to valuation techniques used in measuring fair value as follows

Level 1 — Quoted prices (unadjusted) in active markets for identical assets or liabilities;

Level 2 — Inputs other than quoted prices included within Level 1 that are either directly or indirectly observable; and

Level 3 — Unobservable inputs in which little or no market activity exists, therefore requiring an entity to develop its own assumptions about the assumptions that market participants would use in pricing.

Cash and restricted cash are measured at fair value on a recurring basis using market prices on active markets for identical securities (Level 1). The carrying amounts of accounts receivable, accounts payable and other accrued expenses approximate fair value because of the short maturity of those instruments. The carrying amount of the contingent consideration arising from our acquisition of Pump Engineering, LLC is measured at fair value on a recurring basis using unobservable inputs in which little or no market activity exists (Level 3). The estimated fair value of the contingent consideration is determined based on an assessment of the weighted probability of payment under various scenarios.

The fair value of financial assets and liabilities measured on a recurring basis is as follows (in thousands):

	<b>Fair Value Measurement at Reporting Date Using</b>			
	<b>September 30, 2011</b>	<b>Quoted Prices in Active Markets for Identical Assets or Liabilities (Level 1)</b>	<b>Significant Other Observable Inputs (Level 2)</b>	<b>Significant Unobservable Inputs (Level 3)</b>
<b>Assets:</b>				
Cash and cash equivalents	\$ 45,430	\$ 45,430	\$ —	\$ —
Restricted Cash	10,626	10,626	—	—
<b>Total</b>	<b>\$ 56,056</b>	<b>\$ 56,056</b>	<b>\$ —</b>	<b>\$ —</b>
<b>Liabilities:</b>				
Contingent consideration*	\$ 1,353	\$ —	\$ —	\$ 1,353
<b>Total</b>	<b>\$ 1,353</b>	<b>\$ —</b>	<b>\$ —</b>	<b>\$ 1,353</b>

	<b>Fair Value Measurement at Reporting Date Using</b>			
	<b>December 31, 2010</b>	<b>Quoted Prices in Active Markets for Identical Assets or Liabilities (Level 1)</b>	<b>Significant Other Observable Inputs (Level 2)</b>	<b>Significant Unobservable Inputs (Level 3)</b>
<b>Assets:</b>				
Cash and cash equivalents	\$ 55,338	\$ 55,338	\$ —	\$ —
Restricted Cash	6,880	6,880	—	—
<b>Total</b>	<b>\$ 62,218</b>	<b>\$ 62,218</b>	<b>\$ —</b>	<b>\$ —</b>
<b>Liabilities:</b>				
Contingent consideration*	\$ 1,353	\$ —	\$ —	\$ 1,353
<b>Total</b>	<b>\$ 1,353</b>	<b>\$ —</b>	<b>\$ —</b>	<b>\$ 1,353</b>

\* Included in Accrued Expenses and Other Current Liabilities

## Note 12 — Restructuring Activities

In July 2011, we initiated a restructuring plan to consolidate our North American operations and transfer our Michigan-based operations to our manufacturing center and headquarters in San Leandro, California. The planned consolidation is expected to reduce costs, improve efficiencies and enhance research and development activities. For the three and nine months ended September 30, 2011, we have recorded total pre-tax charges of \$470,000 related to this plan. Of these charges, we recorded \$408,000 of severance and other personnel costs and \$62,000 for other exit costs.

In accordance with ASC 360-10, we record impairment losses on long-lived assets used in operations when events and circumstances indicate that long-lived assets might be impaired and the undiscounted cash flows estimated to be generated by those assets are less than the carrying amounts of those assets. If the undiscounted cash flows of the assets are less than their carrying amount, an impairment charge is measured as the difference between the carrying amount and estimated fair value. Our plan to consolidate our North American operations was an event that required an impairment evaluation of long-lived assets with a net book value of \$5.3 million at September 30, 2011. We performed an undiscounted cash flow analysis to determine whether there were any current period impairment charges. Based on our estimate of undiscounted cash flows, the recoverable values of the related assets exceeded their carrying value and no impairment charge was recognized; however, since the fair value of certain of these long-lived assets is estimated to be lower than their carrying value, it is reasonably possible that an impairment charge could be recorded in the future if the estimate of undiscounted cash flows changes in the near term or the related assets become held for sale.

The consolidation of these operations is expected to be completed by December 31, 2011. We anticipate that the consolidation will result in additional non-recurring expenses of approximately \$2.1 million, as follows (in thousands):

	Amount Incurred in Current Period and to Date <sup>1</sup>	Remaining Amount Expected to be Incurred	Total Amount Expected to be Incurred
One-time termination benefits and other personnel costs	\$ 408	\$ 323	\$ 731
Loss on sale of assets	—	1,173	1,173
Other exit costs	62	621	683
	<u>\$ 470</u>	<u>\$ 2,117</u>	<u>\$ 2,587</u>

<sup>1</sup> Current period represents the three and nine month periods ended September 30, 2011.

The major components of the restructuring charges and the remaining accrual balance relating to the restructuring plan as of September 30, 2011, are as follows (in thousands):

	June 30, 2011	Restructuring Charges	Amounts Utilized	September 30, 2011
One-time termination benefits and other personnel costs	\$ —	\$ 408	\$ (66)	\$ 342
Other exit costs	—	62	(62)	—
	<u>\$ —</u>	<u>\$ 470</u>	<u>\$ (128)</u>	<u>\$ 342</u>

## ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

*The discussion in this item and in other items of this Form 10-Q contains forward-looking statements within the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements in this report include, but are not limited to, statements about our expectations, objectives, anticipations, plans, hopes, beliefs, intentions or strategies regarding the future.*

*Forward-looking statements represent our current expectations about future events and are based on assumptions and involve risks and uncertainties. If the risks or uncertainties occur or the assumptions prove incorrect, then our results may differ materially from those set forth or implied by the forward-looking statements. Our forward-looking statements are not guarantees of future performance or events.*

*Forward-looking statements in this report include, without limitation, statements about the following:*

- *our belief that our energy recovery devices make seawater reverse osmosis and other fluid processes in which our devices are used a more affordable means of production;*
- *our objective of finding new applications for our technology outside of desalination, expanding and enhancing our offerings for the desalination industry, and developing new products for new markets;*
- *our plan to manufacture most of our ceramics components internally;*
- *our expectation that our expenditures for research and development will increase;*
- *our expectation that we will continue to rely on sales of our energy recovery devices for a substantial portion of our revenue;*
- *our expectation that sales outside of the United States will remain a significant portion of our revenue;*
- *our expectation that our margins will be impacted negatively if our production volume does not increase in the foreseeable future;*
- *our belief that our existing cash balances and cash generated from our operations will be sufficient to meet our anticipated capital requirements for at least the next 12 months;*
- *our expectations and anticipated expenses relating to our plan to consolidate our North American operations and transfer our Michigan-based operations to our manufacturing center and headquarters in San Leandro, California, discussed in Note 12 to Notes to Condensed Consolidated Financial Statements (unaudited) and elsewhere in this report; and*
- *our expectation that a portion of our revenue could continue to be denominated in foreign currencies.*

*All forward-looking statements included in this document are subject to additional risks and uncertainties further discussed under "Part II, Item 1A: Risk Factors" and are based on information available to us as of November 7, 2011. We assume no obligation to update any such forward-looking statements. It is important to note that our actual results could differ materially from the results set forth or implied by our forward-looking statements. The factors that could cause our actual results to differ from those included in such forward-looking statements are set forth under the heading "Part II, Item 1A: Risk Factors," and our results disclosed from time to time in our reports on Forms 10-K, 10-Q and 8-K and our Annual Reports to Stockholders.*

*The following should be read in conjunction with the condensed consolidated financial statements and related notes included in "Part I, Item 1: Financial Statements" of this quarterly report and the consolidated financial statements and related notes included in our Annual Report on Form 10-K as filed on March 15, 2011.*

### Overview

We are in the business of designing, developing and manufacturing energy recovery devices for seawater reverse osmosis desalination. Our company was founded in 1992, and we introduced the initial version of our Pressure Exchanger(TM) energy recovery device in early 1997. In December 2009, we acquired Pump Engineering, LLC, which manufactures centrifugal energy recovery devices, known as turbochargers, and high-pressure pumps.

A significant portion of our net revenue typically has been generated by sales to a limited number of large engineering, procurement and construction firms, which are involved with the design and construction of larger desalination plants. Sales to these firms often involve a long sales cycle, which can range from 6 to 16 months. A single large desalination project can generate an order for numerous energy recovery devices and generally represents an opportunity for significant revenue. We also sell our devices to many small to medium-size original equipment manufacturers, or OEMs, which commission smaller desalination plants, order fewer energy recovery devices per plant and have shorter sales cycles.

Due to the fact that a single order for our energy recovery devices by a large engineering, procurement and construction firm for a particular plant may represent significant revenue, we often experience significant fluctuations in net revenue from quarter to quarter and from year to year. Historically, our engineering, procurement and construction firm customers tended to order a significant amount of equipment for delivery in the fourth quarter and, as a consequence, a significant portion of our annual sales occurred during that quarter. In fiscal year 2010, the fourth quarter revenues did not reflect as high of a percentage of the annual revenues as in past years due to shipment delays caused by customer project delays.

A limited number of our customers account for a substantial portion of our net revenue and accounts receivable. Revenue from customers representing 10% or more of net revenue varies from period to period. For the three months ended September 30, 2011, Aquatech Systems (Asia) Pvt. Ltd. accounted for approximately 12% of our net revenue. For the three months ended September 30, 2010, Nirosoft Industries Ltd. accounted for approximately 16% of our net revenue. For the nine months ended September 30, 2011, IDE Technologies Ltd. accounted for approximately 18% of our net revenue. For the nine months ended September 30, 2010, Thiess Degremont J.V. (a joint venture of Thiess Pty Ltd. and Degremont S.A.) and Acciona Agua accounted for approximately 32% and 9% of our net revenue, respectively.

During the three and nine months ended September 30, 2011 and 2010, most of our revenue was attributable to sales outside of the United States. We expect sales outside of the United States to remain a significant portion of our revenue for the foreseeable future.

Our revenue is principally derived from the sales of our energy recovery devices. We also derive revenue from the sale of high-pressure and circulation pumps, which we manufacture and sell in connection with our energy recovery devices for use in desalination plants. We also receive incidental revenue from the sale of spare parts and from services, such as product support, that we provide to our customers.

In June 2011, our board of directors authorized a stock repurchase program under which up to five million shares of our outstanding common stock may be repurchased through June 2012 at the discretion of management. As of September 30, 2011, no shares have been purchased under this program.

As of September 30, 2011, a valuation allowance of approximately \$2.8 million was established to reduce our deferred income tax assets to the amount expected to be realized. The valuation allowance represents a provision for uncertainty as to the realization of tax benefits from these deferred income tax assets. We record net deferred income tax assets to the extent we believe that it is more likely than not that these assets will be realized in accordance with generally accepted accounting principles. In making such a determination, we consider all available positive and negative evidence including recent results of operations, scheduled reversals of deferred tax liabilities, projected future income and available tax planning strategies. We will continue to evaluate the tax benefit uncertainty and will adjust, if warranted, the valuation allowance in the future periods to the extent that our deferred income tax assets become more likely than not to be realizable.

On July 12, 2011, we initiated a plan to consolidate our North American operations and transfer our Michigan-based operations to our manufacturing center and headquarters in San Leandro, California. The planned consolidation is expected to reduce costs, improve efficiencies and enhance research and development activities. For the three and nine months ended September 30, 2011, we have recorded total pre-tax charges of \$470,000 related to this plan and we anticipate that the consolidation will result in additional non-recurring expenses of approximately \$2.1 million. The consolidation of these operations is expected to be completed by December 31, 2011.

In accordance with accounting guidance related to long-lived assets, we record impairment losses on long-lived assets used in operations when events and circumstances indicate that long-lived assets might be impaired and the undiscounted cash flows estimated to be generated by those assets are less than the carrying amounts of those assets. If the undiscounted cash flows of the assets are less than their carrying amount, an impairment charge is measured as the difference between the carrying amount and estimated fair value. Our plan to consolidate our North American operations was an event that required an impairment evaluation of long-lived assets with a net book value of approximately \$5.3 million at September 30, 2011. We performed an undiscounted cash flow analysis to determine whether there were any current period impairment charges. Based on our estimate of undiscounted cash flows, the recoverable values of the related assets exceeded their carrying value and no impairment charge was recognized. However, since the fair value of certain of these long-lived assets is estimated to be lower than their carrying value, it is reasonably possible that an impairment charge could be recorded in the future if the estimate of undiscounted cash flows changes in the near term or the related assets become held for sale.



Our condensed consolidated financial statements are prepared in accordance with generally accepted accounting principles in the United States, or GAAP. These accounting principles require us to make estimates and judgments that can affect the reported amounts of assets and liabilities as of the date of the condensed consolidated financial statements as well as the reported amounts of revenue and expense during the periods presented. We believe that the estimates and judgments upon which we rely are reasonable based upon information available to us at the time that we make these estimates and judgments. To the extent there are material differences between these estimates and actual results, our consolidated financial results will be affected. The accounting policies that reflect our more significant estimates and judgments and which we believe are the most critical to aid in fully understanding and evaluating our reported financial results are revenue recognition, warranty costs, share-based compensation, inventory valuation, allowances for doubtful accounts, income taxes and valuation of goodwill and other intangible assets.

*Third Quarter of 2011 Compared to Third Quarter of 2010*

**Results of Operations**

The following table sets forth certain data from our historical operating results as a percentage of revenue for the periods indicated (in thousands, except percentages):

	Three Months Ended September 30,					
	2011		2010		Change Increase / (Decrease)	
<b>Results of Operations:**</b>						
Net revenue	\$ 4,933	100%	\$ 6,921	100%	\$ (1,988)	(29)%
Cost of revenue	4,214	85%	4,537	66%	(323)	(7)%
Gross profit	719	15%	2,384	34%	(1,665)	(70)%
Operating expenses:						
General and administrative	3,571	72%	3,335	48%	236	7%
Sales and marketing	2,291	46%	1,860	27%	431	23%
Research and development	726	15%	1,252	18%	(526)	(42)%
Amortization of intangible assets	346	7%	683	10%	(337)	(49)%
Restructuring charges	470	10%	—	0%	470	*
Total operating expenses	7,404	150%	7,130	103%	274	4%
Loss from operations	(6,685)	(136)%	(4,746)	(69)%	1,939	41%
Interest expense	(5)	(0)%	(15)	(0)%	(10)	(67)%
Other non-operating income (expense), net	(127)	(3)%	78	1%	(205)	*
Loss before income taxes	(6,817)	(138)%	(4,683)	(68)%	(2,134)	(46)%
Provision for (benefit from) income taxes	4,509	91%	(833)	(12)%	(5,342)	*
Net loss	\$ (11,326)	(230)%	\$ (3,850)	(56)%	\$ 7,476	194%

\* Not meaningful

\*\* Percentages may not add up to 100% due to rounding

*Net Revenue*

Our net revenue decreased \$2.0 million for the three months ended September 30, 2011 compared to the three months ended September 30, 2010. The continued global decline in the construction of new projects and ongoing competitive pressures resulted in a reduction in net revenue due to decreased shipments of PX devices, turbochargers and pumps and lower average sales prices of our PX devices during the current quarter compared to the same quarter last year.

During the three months ended September 30, 2011 and 2010, sales of PX devices and related products and services accounted for approximately 56% of our revenue and sales of turbochargers and pumps accounted for approximately 44%.

During the three months ended September 30, 2011 and 2010, a significant portion of our net revenue was attributable to sales outside of the United States. Revenue attributable to domestic and international sales as a percentage of total net revenue is as follows:

	<b>Three Months Ended September 30,</b>	
	<b>2011</b>	<b>2010</b>
Domestic revenue	5%	7%
International revenue	95	93
Total revenue	100%	100%

#### *Gross Profit*

Gross profit represents our net revenue less our cost of revenue. Our cost of revenue consists primarily of raw materials, personnel costs (including share-based compensation), manufacturing overhead, warranty costs, depreciation expense, and manufactured components. The largest component of our direct cost of revenue is raw materials, primarily ceramic materials and stainless steel castings. For the three months ended September 30, 2011, gross profit as a percentage of net revenue was 15%. For the three months ended September 30, 2010, gross profit as a percentage of net revenue was 34%.

The decrease in gross profit as a percentage of net revenue for the three months ended September 30, 2011 as compared to the same period last year was primarily due to an increase in overhead costs related to our PX devices, turbochargers, and pumps. The increase in overhead costs was largely attributable to the underutilization of our manufacturing facilities in the third quarter of 2011 as compared to the third quarter of 2010.

Future gross profit is highly dependent on the product and customer mix of our net revenues, overall market demand and competition, and the volume of production in our own ceramics factory and our assembly operations that determines our operating leverage. Accordingly, we are not able to predict our future gross profit levels with certainty. In addition, our recent production facility expansion will continue to have a negative impact on our margins if our production volume does not increase in the foreseeable future.

#### *General and Administrative Expense*

General and administrative expense increased by \$0.2 million, or 7%, to \$3.6 million for the three months ended September 30, 2011. As a percentage of net revenue, general and administrative expense increased to 72% for the three months ended September 30, 2011 from 48% for the three months ended September 30, 2010 as general and administrative costs slightly increased period over period while net revenue decreased.

Of the \$236,000 net increase in general and administrative expense, increases of \$266,000 related to professional and other services and \$48,000 related to compensation and employee-related benefits were offset in part by decreases of \$68,000 related to occupancy costs and \$10,000 related to other administrative costs. Share-based compensation expense included in general and administrative expense was \$438,000 for the three months ended September 30, 2011 and \$445,000 for the three months ended September 30, 2010.

General and administrative average headcount decreased to 28 for the third quarter of 2011 from 41 for the third quarter of 2010 largely as a result of reductions in force at our corporate headquarters during late 2010 and early 2011. The decrease in compensation and employee benefit costs resulting from the overall reduction in headcount period over period was largely offset by incremental costs incurred from the appointments of a new Chief Executive Officer (CEO) and a new Chief Financial Officer (CFO) in the first and second quarters of 2011, respectively.

#### *Sales and Marketing Expense*

Sales and marketing expense increased by \$431,000, or 23%, to \$2.3 million for the three months ended September 30, 2011 from \$1.9 million for the three months ended September 30, 2010. Sales and marketing average headcount increased to 28 for the third quarter of 2011 from 25 for the third quarter of 2010. As a percentage of our net revenue, sales and marketing expense increased to 46% for the three months ended September 30, 2011 compared to 27% for the three months ended September 30, 2010 due to both lower net revenue and an increase in sales and marketing expense for the current period.

Of the \$431,000 increase in sales and marketing expense for the three months ended September 30, 2011, increases of \$492,000 in direct and other marketing costs and \$138,000 in employee compensation and benefits were partially offset by a decrease of \$199,000 related to sales commissions. Share-based compensation expense included in sales and marketing expense was \$180,000 for the three months ended September 30, 2011 and \$165,000 for the three months ended September 30, 2010.

#### *Research and Development Expense*

Research and development expense decreased by \$0.5 million, or 42%, to \$0.7 million for the three months ended September 30, 2011 from \$1.3 million for the three months ended September 30, 2010. Research and development expense as a percentage of our net revenue decreased to 15% for the three months ended September 30, 2011 from 18% for the three months ended September 30, 2010 as the percentage decrease in research and development expense exceeded the percentage decrease in net revenue period over period.

Average headcount in our research and development department decreased to 12 for the third quarter of 2011 compared to 18 for the third quarter of 2010 primarily due to reclassification of ceramics personnel from development to manufacturing as the ceramics manufacturing facility went online. Share-based compensation expense included in research and development expense was \$53,000 for three months ended September 30, 2011 and \$61,000 for the three months ended September 30, 2010.

The decrease of \$526,000 in research and development expense for the three months ended September 30, 2011 consisted of decreases in research and development direct project costs of \$252,000, employee compensation and benefits of \$184,000, occupancy costs of \$75,000, and other net costs of \$15,000.

We anticipate that our research and development expenditures will increase in the future as we expand and diversify our product offerings.

#### *Amortization of Intangible Assets*

Amortization of intangible assets is primarily related to finite-lived intangible assets acquired as a result of our purchase of Pump Engineering, LLC in December 2009. These intangible assets include developed technology, non-compete agreements, backlog, trademarks, and customer relationships. Amortization expense decreased by \$337,000 during the third quarter of 2011 compared to the third quarter of 2010 due to backlog being fully amortized during fiscal year 2010.

#### *Restructuring Charges*

In July 2011, we initiated a restructuring plan to consolidate our North American operations and transfer our Michigan-based operations to our manufacturing center and headquarters in San Leandro, California. The planned consolidation is expected to reduce costs, improve efficiencies and enhance research and development activities. For the three months ended September 30, 2011, we have recorded total pre-tax charges of \$470,000 related to this plan. Of these charges, we recorded \$408,000 for severance and other personnel costs and \$62,000 for other exit costs.

#### *Non-operating Income, Net*

Non-operating income (expense), net, changed unfavorably by \$195,000 to \$(132,000) of other net expense for the three months ended September 30, 2011 from \$63,000 of other net income for the three months ended September 30, 2010. The unfavorable variance was primarily due to \$(138,000) in net foreign currency losses recorded during the third quarter of 2011 compared to \$73,000 in net foreign currency gains recorded during the third quarter of 2010. The unfavorable change was slightly offset by a decrease in interest expense of \$10,000 and an increase in interest income and other income of \$6,000.

*Nine Months Ended September 30, 2011 Compared to Nine Months Ended September 30, 2010*

**Results of Operations**

The following table sets forth certain data from our historical operating results as a percentage of revenue for the periods indicated (in thousands, except percentages):

	Nine Months Ended September 30,					
	2011		2010		Change Increase / (Decrease)	
<b>Results of Operations:**</b>						
Net revenue	\$ 21,932	100%	\$ 32,840	100%	\$ (10,908)	(33)%
Cost of revenue	14,221	65%	16,470	50%	(2,249)	(14)%
Gross profit	7,711	35%	16,370	50%	(8,659)	(53)%
Operating expenses:						
General and administrative	11,953	55%	10,724	33%	1,229	11%
Sales and marketing	6,370	29%	5,962	18%	408	7%
Research and development	2,626	12%	2,943	9%	(317)	(11)%
Amortization of intangible assets	1,037	5%	2,049	6%	(1,012)	(49)%
Restructuring charges	470	2%	—	0%	470	*
Total operating expenses	22,456	102%	21,678	66%	778	4%
Loss from operations	(14,745)	(67)%	(5,308)	(16)%	9,437	178%
Interest expense	(30)	(0)%	(53)	(0)%	(23)	(43)%
Other non-operating income (expense), net	128	1%	(21)	(0)%	(149)	*
Loss before income taxes	(14,647)	(67)%	(5,382)	(16)%	9,265	172%
Provision for (benefit from) income taxes	1,775	8%	(1,278)	(4)%	3,053	239%
Net loss	\$ (16,422)	(75)%	\$ (4,104)	(12)%	\$ 12,318	300%

\* Not meaningful

\*\* Percentages may not add up to 100% due to rounding

*Net Revenue*

Our net revenue decreased \$10.9 million for the nine months ended September 30, 2011 compared to the nine months ended September 30, 2010. The continued global decline in the construction of new projects and ongoing competitive pressures resulted in decreased shipments of PX devices, turbochargers and pumps and lower average sales prices of our PX devices during the first nine months of 2011 compared to the same period last year.

For the nine months ended September 30, 2011, the sales of PX devices and related products and services accounted for approximately 67% of our revenue and sales of turbochargers and pumps accounted for approximately 33%. For the nine months ended September 30, 2010, the sales of PX devices and related products and services accounted for approximately 71% of our revenue and sales of turbochargers and pumps accounted for approximately 29%.

During the nine months ended September 30, 2011 and 2010, a significant portion of our net revenue was attributable to sales outside of the United States. Revenue attributable to domestic and international sales as a percentage of total net revenue is as follows:

	Nine Months Ended September 30,	
	2011	2010
Domestic revenue	10%	9%
International revenue	90	91
Total revenue	100%	100%

*Gross Profit*

Gross profit represents our net revenue less our cost of revenue. Our cost of revenue consists primarily of raw materials, personnel costs (including share-based compensation), manufacturing overhead, warranty costs, depreciation expense, and manufactured components. The largest component of our direct cost of revenue is raw materials, primarily ceramic materials and stainless steel castings. For the nine months ended September 30, 2011, gross profit as a percentage of net revenue was 35%. For the nine months ended September 30, 2010, gross profit as a percentage of net revenue was 50%.

The decrease in gross profit as a percentage of net revenue for the nine months ended September 30, 2011 as compared to the same period last year was primarily due to an increase in overhead costs related to our PX devices, turbochargers, and pumps, largely attributable to the underutilization of our manufacturing facilities in the first nine months of 2011 as compared to the first nine months of 2010. Underutilization was due in part to a decrease in production output for the current period versus the same period last year and in part to the integration of our new ceramics facility, which went online in 2011.

Future gross profit is highly dependent on the product and customer mix of our net revenues, overall market demand and competition, and the volume of production in our own ceramics factory and our assembly operations that determines our operating leverage. Accordingly, we are not able to predict our future gross profit levels with certainty. In addition, our recent production facility expansion will continue to have a negative impact on our margins if our production volume does not increase in the foreseeable future.

#### *General and Administrative Expense*

General and administrative expense increased by \$1.2 million, or 11%, to \$11.9 million for the nine months ended September 30, 2011 from \$10.7 million for the nine months ended September 30, 2010. General and administrative expense as a percentage of our net revenue increased to 55% for the nine months ended September 30, 2011 from 33% for the nine months ended September 30, 2010 as general and administrative costs increased period over period while net revenue decreased.

General and administrative average headcount decreased to 32 for the first nine months of 2011 from 41 for the first nine months of 2010 largely as a result of reductions in force at our corporate headquarters during late 2010 and early 2011. In February 2011, our Chief Executive Officer (CEO) announced his retirement and our board of directors appointed a new Chief Executive Officer (CEO). During the second quarter of 2011, our board of directors appointed a new Chief Financial Officer (CFO). General and administrative costs increased as a result of non-recurring expenses related to the departures of the former CEO and CFO and the appointments of a new CEO and new CFO. This increase was partially offset by a decrease in compensation and employee benefit costs related to the overall decrease in headcount.

Of the \$1.2 million net increase in general and administrative expense, increases of \$1.3 million related to compensation and employee-related benefits, \$0.2 million related to bad debt reserves, and \$0.1 million related to professional and other services. These increases in costs were offset in part by decreases of \$0.3 million related to occupancy costs and \$0.1 million related to other administrative costs. Share-based compensation expense included in general and administrative expense was relatively consistent period over period, totaling \$1.3 million for each of the nine month periods ended September 30, 2011 and September 30, 2010.

#### *Sales and Marketing Expense*

Sales and marketing expense increased by \$408,000, or 7%, for the nine months ended September 30, 2011 compared to the nine months ended September 30, 2010. Sales and marketing average headcount increased to 28 for the first nine months of 2011 from 26 for the first nine months of 2010. As a percentage of our net revenue, sales and marketing expense increased to 29% for the nine months ended September 30, 2011 compared to 18% for the nine months ended September 30, 2010, due primarily to lower net revenue for the current period and, to a lesser extent, the increase in sales and marketing expense.

Of the \$408,000 increase in sales and marketing expense for the nine months ended September 30, 2011, increases of \$608,000 in direct and other marketing costs and \$158,000 in employee compensation and benefits were partially offset by a decrease of \$358,000 related to sales commissions. Share-based compensation expense included in sales and marketing expense was \$477,000 for the nine months ended September 30, 2011 and \$427,000 for the nine months ended September 30, 2010.

#### *Research and Development Expense*

Research and development expense decreased by \$0.3 million, or 11%, to \$2.6 million for the nine months ended September 30, 2011 from \$2.9 million for the nine months ended September 30, 2010. Research and development expense as a percentage of our net revenue increased to 12% for the nine months ended September 30, 2011 from 9% for the nine months ended September 30, 2010 as the percentage decrease in research and development expense exceeded the percentage decrease in net revenue period over period.

Average headcount in our research and development department decreased to 13 for the first nine months of 2011 compared to 17 for the first nine months of 2010. Share-based compensation expense included in research and development expense was \$144,000 for nine months ended September 30, 2011 and \$118,000 for the nine months ended September 30, 2010.

The \$317,000 decrease in research and development expense for the nine months ended September 30, 2011 was primarily due to decreases of \$202,000 in occupancy costs, \$123,000 related to research and development direct project costs, and \$44,000 related to other costs. These decreases in expense were slightly offset by an increase in compensation and employee benefits of \$52,000.

We anticipate that our research and development expenditures will increase in the future as we expand and diversify our product offerings.

#### *Amortization of Intangible Assets*

Amortization of intangible assets is primarily related to finite-lived intangible assets acquired as a result of our purchase of Pump Engineering, LLC in December 2009. These intangible assets include developed technology, non-compete agreements, backlog, trademarks, and customer relationships. Amortization expense decreased by \$1.0 million during the first nine months of 2011 compared to the first nine months of 2010 due to backlog being fully amortized during fiscal year 2010.

#### *Restructuring Charges*

In July 2011, we initiated a restructuring plan to consolidate our North American operations and transfer our Michigan-based operations to our manufacturing center and headquarters in San Leandro, California. The planned consolidation is expected to reduce costs, improve efficiencies and enhance research and development activities. For the nine months ended September 30, 2011, we have recorded total pre-tax charges of \$470,000 related to this plan. Of these charges, we recorded \$408,000 for severance and other personnel costs and \$62,000 for other exit costs.

#### *Non-operating Income, Net*

Non-operating income (expense), net, changed favorably by \$172,000 to \$98,000 of other net income for the nine months ended September 30, 2011 from \$(74,000) of other net expense for the nine months ended September 30, 2010. The favorable change was primarily due to favorable changes in net foreign currency gains of \$224,000 and a decrease in interest expense of \$23,000. The favorable change in net foreign currency gains is primarily a result of favorable changes in exchange rates and an increase in Euro-denominated trade receivables during the first nine months of 2011 compared to the same period last year. The favorable changes in net non-operating income (expense) during the nine months ended September 30, 2011 were slightly offset by a net loss of \$75,000 related to sales of equipment.

### **Liquidity and Capital Resources**

#### *Overview*

Our primary source of cash historically has been proceeds from the issuance of common stock, customer payments for our products and services and borrowings under our credit facility. From January 1, 2005 through September 30, 2011, we issued common stock for aggregate net proceeds of \$84.0 million. The proceeds from the sales of common stock have been used to fund our operations and capital expenditures.

As of September 30, 2011, our principal sources of liquidity consisted of unrestricted cash and cash equivalents of \$45.4 million, which are invested primarily in money market funds, and accounts receivable of \$3.8 million.

We are party to a line of credit agreement with a financial institution. Under this credit agreement, we are allowed to draw advances up to \$10.0 million on a revolving line of credit or utilize up to \$15.9 million as collateral for irrevocable standby letters of credit, provided that the aggregate of the outstanding advances and collateral do not exceed the total available credit line of \$16.0 million. Advances under the revolving line of credit incur interest based on either a prime rate index or LIBOR plus 1.375%.

During the periods presented, we provided certain customers with irrevocable standby letters of credit to secure our obligations for the delivery of products, performance guarantees and warranty commitments in accordance with sales arrangements. Some of these letters of credit were issued under our revolving line of credit. The letters of credit generally terminate within 12 to 36 months from issuance.

Effective July 2011, the credit agreement was amended, requiring us to maintain a cash collateral balance equal to at least 101% of the face amount of all outstanding letters of credit collateralized by the line of credit and 100% of the amount of all outstanding advances. As of September 30, 2011, the amounts outstanding on irrevocable letters of credit collateralized under our credit agreement totaled approximately \$6.4 million and were collateralized by \$6.5 million in corresponding restricted cash. There were no advances drawn under this line of credit as of September 30, 2011.

We are subject to certain financial and administrative covenants under the amended revolving line credit agreement. As of September 30, 2011, we were in compliance with all covenants under the amended agreement.

#### ***Cash Flows from Operating Activities***

Net cash (used in) provided by operating activities was \$(4.5) million and 3.9 million for the nine months ended September 30, 2011 and 2010, respectively. For the nine months ended September 30, 2011 and 2010, net losses of (\$16.4) million and \$(4.1) million, respectively, were adjusted to (\$7.3) million and \$3.0 million, respectively, by non-cash items totaling \$9.1 million and \$7.1 million, respectively. Non-cash adjustments primarily include depreciation and amortization, unrealized gains and losses on foreign exchange, share-based compensation, the valuation of deferred tax assets and provisions for doubtful accounts, warranty reserves and excess and obsolete inventory reserves.

The net cash inflow effect from changes in assets and liabilities was approximately \$2.8 million and \$0.9 million for the nine months ended September 30, 2011 and 2010, respectively. Net changes in assets and liabilities are primarily attributable to changes in inventory as a result of the timing of order processing and product shipments, changes in accounts receivable and unbilled receivables as a result of timing of invoices and collections for large projects, and changes in prepaid expenses and accrued liabilities as a result of the timing of payments to employees, vendors and other third parties.

#### ***Cash Flows from Investing Activities***

Cash flows used in investing activities primarily relate to capital expenditures to support our future growth, as well as increases in our restricted cash used to collateralize our standby letters of credit.

Net cash used in investing activities was \$5.2 million and \$6.2 million for the nine months ended September 30, 2011 and 2010, respectively. The favorable net change of \$1.0 million in cash flows from investing activities for the nine months ended September 30, 2011 compared to the nine months ended September 30, 2010 was due to a decrease in capital expenditures of \$7.3 million for seismic upgrades and the build-out of ceramics capabilities at our new facility offset partially by an increase of \$6.6 million in restricted cash to collateralize standby letters of credit that previously had been collateralized by a credit line. Additionally, a favorable variance of \$0.4 million resulted from the disposal of miscellaneous equipment in the current period compared to none in the prior period.

#### ***Cash Flows from Financing Activities***

Net cash (used in) provided by financing activities was \$(212,000) and \$52,000 for the nine months ended September 30, 2011 and 2010, respectively. The \$264,000 change in net cash flows from financing activities was primarily due to decreases in proceeds from stock option and warrant exercises and partly due to decreases in repayments of promissory notes by stockholders and excess tax benefits related to share-based compensation arrangements during the first nine months of 2011 compared to the first nine months of 2010. In addition, capital lease payments increased slightly during the nine months ended September 30, 2011 due to an accelerated pay-off of an equipment lease. These unfavorable variances were partially offset by a decrease in debt payments during the nine months ended September 30, 2011 compared to the nine months ended September 30, 2010 as a result of paying off two notes payable during the first quarter of 2010.

#### ***Liquidity and Capital Resource Requirements***

We believe that our existing cash balances and cash generated from our operations will be sufficient to meet our anticipated capital requirements for at least the next 12 months. However, we may need to raise additional capital or incur additional indebtedness to continue to fund our operations in the future. Our future capital requirements will depend on many factors, including our rate of revenue growth, if any, the expansion of our sales and marketing and research and development activities, the timing and extent of our expansion into new geographic territories, the timing of introductions of new products and the continuing market acceptance of our products. We may enter into potential material investments in, or acquisitions of, complementary businesses, services or technologies, in the future, which could also require us to seek additional equity or debt financing. Additional funds may not be available on terms favorable to us or at all.

#### ***Contractual Obligations***

We lease facilities under fixed non-cancelable operating leases that expire on various dates through 2019. The total of the future minimum lease payments under these leases as of September 30, 2011 is \$12.3 million. For additional information, see Note 8 — “Commitments and Contingencies” to the unaudited condensed consolidated financial statements.

In the course of our normal operations, we also entered into purchase commitments with our suppliers for various key raw materials and components parts. The purchase commitments covered by these arrangements are subject to change based on our sales forecasts for future deliveries. As of September 30, 2011, we had approximately \$2.1 million of cancelable open purchase order arrangements related primarily to materials and parts.

In 2008, we entered into a supply agreement with a vendor in order to manage the cost and availability of key raw materials and components. The agreement was amended in 2010. Under the terms of the amended agreement, we committed to future minimum annual purchases of raw materials and components through 2013. If annual purchase commitments are not met, a penalty of approximately 35% of the remaining open annual minimum purchase requirement could be assessed by the vendor. In June 2011, due to ongoing quality issues, we notified the vendor of our termination of the agreement for material breach. At the date of termination of the supply agreement in June 2011, \$1.2 million in minimum purchase commitments remained open for fiscal year 2011. No amounts have been accrued related to this agreement as of September 30, 2011.

We have agreements with guarantees or indemnity provisions that we have entered into with customers and others in the ordinary course of business. Based on our historical experience and information known to us as of September 30, 2011, we believe that our exposure related to these guarantees and indemnities as of September 30, 2011 was not material.

#### **Off-Balance Sheet Arrangements**

During the periods presented, we did not have any relationships with unconsolidated entities or financial partnerships, such as entities often referred to as structured finance or special purpose entities, which would have been established for the purpose of facilitating off-balance sheet arrangements or other contractually narrow or limited purposes.

#### **Recent Accounting Pronouncements**

See Note 1 — “The Company and Summary of Significant Accounting Policies” to the condensed consolidated financial statements regarding the impact of certain recent accounting pronouncements on our condensed consolidated financial statements.

#### **Item 3. Quantitative and Qualitative Disclosure About Market Risk**

The information in this section should be read in connection with the information on financial market risk related to changes in non-U.S. currency exchange rates and interest rates in Part II, Item 7A, “Quantitative and Qualitative Disclosure About Market Risk,” in our Annual Report on Form 10-K for the year ended December 31, 2010.

##### ***Foreign Currency Risk***

Currently, the majority of our revenue contracts have been denominated in United States dollars. In some circumstances, we have priced certain international sales in Euros.

As we expand our international sales, we expect that a portion of our revenue could continue to be denominated in foreign currencies. As a result, our cash and cash equivalents and operating results could be increasingly affected by changes in exchange rates. Our international sales and marketing operations incur expense that is denominated in foreign currencies. This expense could be materially affected by currency fluctuations. Our exposures are primarily due to fluctuations in exchange rates for the United States dollar versus the Euro. Changes in currency exchange rates could adversely affect our consolidated operating results or financial position. Additionally, our international sales and marketing operations maintain cash balances denominated in foreign currencies. In order to decrease the inherent risk associated with translation of foreign cash balances into our reporting currency, we have not maintained excess cash balances in foreign currencies. We have not hedged our exposure to changes in foreign currency exchange rates because expenses in foreign currencies have been insignificant to date, and exchange rate fluctuations have had little impact on our operating results and cash flows.

##### ***Interest Rate Risk***

At September 30, 2011, we had cash and cash equivalents totaling \$45.4 million and restricted cash totaling \$10.6 million. These amounts were invested primarily in money market funds. The unrestricted cash and cash equivalents are held for working capital purposes, capital expenditures and possible future acquisitions. We do not enter into investments for trading or speculative purposes. We believe that we do not have any material exposure to changes in the fair value as a result of changes in interest rates due to the short term nature of our cash and cash equivalents. Declines in interest rates, however, would reduce future interest income.



### ***Concentration of Credit Rate Risk***

The market risk inherent in our financial instruments and in our financial position represents the potential loss arising from disruptions caused by recent financial market conditions. Currently, our cash and cash equivalents are primarily deposited in money market funds; however, substantially all of our cash and cash equivalents are in excess of federally insured limits at a very limited number of financial institutions. This represents a high concentration of credit risk.

### **Item 4. Controls and Procedures.**

(a) *Evaluation of disclosure controls and procedures.* Under the supervision and with the participation of our management, including the President and Chief Executive Officer and the Chief Financial Officer, we have evaluated the effectiveness of our disclosure controls and procedures as defined in Rule 13a-15(e) of the Securities Exchange Act of 1934 as of the end of the period covered by this report.

Based on that evaluation, the Chief Executive Officer and the Chief Financial Officer have concluded that these disclosure controls and procedures are effective.

(b) *Changes in internal controls.* There were no changes in our internal control over financial reporting during the quarter ended September 30, 2011 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

## **Part II — OTHER INFORMATION**

### **Item 1. Legal Proceedings**

We are not currently a party to any material litigation, and we are not aware of any pending or threatened litigation against us that we believe would adversely affect our business, operating results, financial condition or cash flows. However, in the future, we may be subject to legal proceedings in the ordinary course of business.

### **Item 1A. Risk Factors**

***Almost all of our revenue is derived from sales of energy recovery devices and pumps used in reverse osmosis desalination; a decline in demand for desalination or the reverse osmosis method of desalination will reduce demand for our products and will cause our sales and revenue to decline.***

Products for the desalination market have historically accounted for a high percentage of our revenue. We expect that the revenue from these products will continue to account for most of our revenue in the foreseeable future. Any factors adversely affecting the demand for desalination, including changes in weather patterns, increased precipitation in areas of high human population density, new technology for producing fresh water, increased water conservation or reuse, political changes and unrest, changes in the global economy, or changes in industry or governmental regulations would reduce the demand for our energy recovery products and services and would cause a significant decline in our revenue. Similarly, any factors adversely affecting the demand for energy recovery products in reverse osmosis desalination, including new energy technology or reduced energy costs, new methods of desalination that reduce pressure and energy requirements, or improvements in membrane technology would reduce the demand for our energy recovery devices and would cause a significant decline in our revenue. Some of the factors that may affect sales of our energy recovery devices and pumps may be out of our control.

***We depend on the construction of new desalination plants for revenue, and as a result, our operating results have experienced, and may continue to experience, significant variability due to volatility in capital spending, availability of project financing, and other factors affecting the water desalination industry.***

We derive substantially all of our revenue from sales of products and services used in desalination plants for municipalities, hotels, resorts and agricultural operations in dry or drought-ridden regions of the world. The demand for our products may decrease if the construction of desalination plants declines for political, economic or other factors, especially in these regions. Other factors that could affect the number and capacity of desalination plants built or the timing of their completion include: the availability of required engineering and design resources, a weak global economy, shortage in the supply of credit and other forms of financing, changes in government regulations, permitting requirements or priorities, or reduced capital spending for desalination. Each of these factors could result in reduced or uneven demand for our products. Pronounced variability or delays in the construction of desalination plants or reductions in spending for desalination could negatively impact our sales and revenue and make it difficult for us to accurately forecast our future sales and revenue, which could lead to increased inventory and use of working capital.

***Our revenue and growth model depend upon the continued viability and growth of the seawater reverse osmosis desalination industry using current technology.***

If there is a downturn in the seawater reverse osmosis desalination industry, our sales would be directly and adversely impacted. Changes in seawater reverse osmosis desalination technology could also reduce the demand for our devices. For example, a reduction in the operating pressure used in seawater reverse osmosis desalination plants could reduce the need for, and viability of, our energy recovery devices. Membrane manufacturers are actively working on lower pressure membranes for seawater reverse osmosis desalination that could potentially be used on a large scale to desalinate seawater at a much lower pressure than is currently necessary.

Engineers are also evaluating the possibility of diluting seawater prior to reverse osmosis desalination to reduce the required membrane pressure. Similarly, an increase in the membrane recovery rate would reduce the number of energy recovery devices required and would reduce the demand for our product. A significant reduction in the cost of power may reduce demand for our product or favor a less expensive product from a competitor.

Any of these changes would adversely impact our revenue and growth. Water shortages and demand for desalination can also be adversely affected by water conservation and water reuse initiatives.

***New planned seawater reverse osmosis projects can be cancelled and/or delayed, and cancellations and/or delays may negatively impact our revenue.***

Planned seawater reverse osmosis desalination projects can be cancelled or postponed due to delays in, or failure to obtain, approval, financing or permitting for plant construction because of political factors, including political unrest in key desalination markets such as the Middle East or adverse and increasingly uncertain financial conditions or other factors. Even though we may have a signed contract to provide a certain number of energy recovery devices by a certain date, shipments may be suspended or delayed at the request of customers. Such shipping delays negatively impact our results of operations and revenue. As a result of these factors, we have experienced and may in the future experience significant variability in our revenue on both an annual and a quarterly basis.

***We rely on a limited number of engineering, procurement and construction firms for a large portion of our revenue. If these customers delay or cancel their commitments, do not purchase our products in connection with future projects, or are unable to attract and retain sufficient qualified engineers to support their growth, our revenue could significantly decrease, which would adversely affect our financial condition and future growth.***

There are a limited number of large engineering, procurement and construction firms in the desalination industry and these customers account for a substantial portion of our net revenue. One or more of these customers represent 10% or more of our total revenue each year and the customers in this category vary from year to year. See Note 10 — "Concentrations" to the condensed consolidated financial statements regarding the impact of customer concentrations on our condensed consolidated financial statements. Since we do not have long-term contracts with these large customers but sell to them on a purchase order or project basis, these orders may be postponed or delayed on short or no notice. If any of these customers reduces or delays its purchases, cancels a project, decides not to specify our products for future projects, fails to attract and retain qualified engineers and other staff, fails to pay amounts due us, or experiences financial difficulties or reduced demand for its services, we may not be able to replace that lost business and our projected revenue may significantly decrease, which will adversely affect our financial condition and future growth.

***We face competition from a number of companies that offer competing energy recovery and pump solutions. If any of these companies produce superior technology or offer more cost-effective products, our competitive position in the market could be harmed and our profits may decline.***

The market for energy recovery devices and pumps for desalination plants is competitive and evolving. We expect competition, especially competition on price and warranty terms, to persist and intensify as the desalination market grows, and new competitors may enter the market. Some of our current and potential competitors may have significantly greater financial, technical, marketing and other resources, longer operating histories or greater name recognition. They may also be able to devote greater resources to the development, promotion, sale and support of their products and respond more quickly to new technology. These companies may also have more extensive customer bases, broader customer relationships across product lines, or long-standing or exclusive relationships with our current or potential customers. They may also have more extensive products and product lines that would enable them to offer multi-product or packaged solutions or competing products at lower prices or with other more favorable terms and conditions. As a result, our ability to penetrate the market or sustain our market share may be adversely impacted, which would affect our business, operating results and financial condition. In addition, if another one of our competitors were to merge or partner with another company, the change in the competitive landscape could adversely affect our continuing ability to compete effectively.

***Global economic conditions and the current crisis in the financial markets could have an adverse effect on our business and results of operations.***

Current economic conditions may continue to negatively impact our business and make forecasting future operating results more difficult and uncertain. A weak global economy may cause our customers to delay product orders or shipments, or delay or cancel planned or new desalination projects, including retrofits, which would reduce our revenue. Turmoil in the financial and credit markets may also make it difficult for our customers to obtain needed project financing, resulting in lower sales. Negative economic conditions may also affect our suppliers, which could impede their ability to remain in business and supply us with parts, resulting in delays in the availability or shipment of our products. In addition, most of our cash and cash equivalents are currently invested in money market funds backed by United States Treasury securities. Given the current weak global economy and the instability of financial institutions, we cannot be assured that we will not experience losses on our deposits, which would adversely affect our financial condition. If current economic conditions persist or worsen and negatively impact the desalination industry, our business, financial condition or results of operations could be materially and adversely affected.

***Our operating results may fluctuate significantly, which makes our future operating results difficult to predict and could cause our operating results to fall below expectations or our guidance.***

Our operating results may fluctuate due to a variety of factors, many of which are outside of our control. Since a single order for our energy recovery devices may represent significant revenue, we have experienced significant fluctuations in revenue from quarter to quarter and year to year, and we expect such fluctuations to continue. As a result, comparing our operating results on a period-to-period basis may not be meaningful. You should not rely on our past results as an indication of our future performance. If our revenue or operating results fall below the expectations of investors or securities analysts or below any guidance we may provide to the market, the price of our common stock would likely decline substantially.

In addition, factors that may affect our operating results include, among others:

- fluctuations in demand, sales cycles and pricing levels for our products and services;
- the cyclical nature of equipment purchasing for planned reverse osmosis desalination plants, which historically resulted in increased product shipments in the fourth quarter in most years;
- changes in customers' budgets for desalination plants and the timing of their purchasing decisions;
- adverse changes in the local or global financing conditions facing our customers;
- delays or postponements in the construction of desalination plants;
- our ability to develop, introduce and timely ship new products and product enhancements that meet customer demand and contractual and technical requirements, including scheduled delivery dates, performance tests and product certifications;
- the ability of our customers to obtain other critical plant components such as high-pressure pumps or membranes;
- our ability to implement scalable internal systems for reporting, order processing, product delivery, purchasing, billing and general accounting, among other functions;
- our ability to maintain efficient factory throughput in our new facility and minimize overhead given significant variability in orders from quarter to quarter and year to year;
- unpredictability of governmental regulations and political decision-making as to the approval or building of a desalination plant;
- our ability to control costs, including our operating expenses;
- our ability to purchase critical components, including ceramics, from third-party suppliers;
- our ability to compete against other companies that offer energy recovery solutions;
- our ability to attract and retain highly skilled employees, particularly those with relevant industry experience; and
- general economic conditions in our domestic and international markets, including conditions that affect the valuation of the U.S. dollar against other currencies.

***If we are unable to collect unbilled receivables, our operating results will be adversely affected.***

Our contracts with large engineering, procurement and construction firms generally contain holdback provisions that delay final installment payments up to 24 months after the product has been shipped and revenue has been recognized. Typically, between 10% and 20%, and in some instances up to 30%, of the revenue we receive pursuant to our customer contracts is subject to such holdback provisions and is accounted for as unbilled receivables until we deliver invoices for payment. Such holdbacks can result in relatively high current and non-current unbilled receivables. If we are unable to invoice and collect these performance holdbacks or if our customers fail to make these payments when due under the sales contracts, our results of operations will be adversely affected.

***If we lose key personnel upon whom we are dependent, we may not be able to execute our strategies. Our ability to increase our revenue will depend on hiring highly skilled professionals with industry-specific experience, particularly given the unique and complex nature of our devices.***

Given the specialized nature of our business, we must hire highly skilled professionals for certain positions with industry-specific experience. Given the nature of the reverse osmosis desalination industry, the number of qualified candidates for certain positions is limited. Our ability to grow depends on recruiting and retaining skilled employees with relevant experience, competing with larger, often better known companies and offering competitive total compensation packages. Our failure to retain existing or attract future talented and experienced key personnel could harm our business.

***The success of our business depends in part on our ability to enhance and scale our existing products, develop new products for desalination, diversify into new markets by developing or acquiring new technology and to generate and fulfill sales orders for new products.***

Our future success depends in part on our ability to enhance and scale existing products and to develop new products for desalination and applications outside desalination. While new or enhanced products and services have the potential to meet specified needs of new or existing markets, pricing may not meet customer expectations, and they may not compete favorably with products and services of current or potential competitors. New products may be delayed or cancelled if they do not meet specifications, performance requirements or quality standards, or perform as expected in a production environment. Product designs also may not scale as expected. We may have difficulty finding new markets for our existing technology or developing or acquiring new products for new markets. Customers may not accept or be slow to adopt new products and services and potential new markets may be too costly to penetrate. In addition, we may not be able to offer our products and services at prices that meet customer expectations without increasing our costs and eroding our margins. We may also have difficulty executing plans to break into new markets, expanding our operations to successfully manufacture new products or scaling our operations to accommodate increased business. If we are unable to develop competitive new products, open new cost-effective markets, and scale our business to support increased sales and new markets, our business and results of operations will be adversely affected.

***Our plans to manufacture a portion of our ceramic components may prove to be more costly or less reliable than outsourcing.***

We outsource the production of our ceramic components to a limited number of ceramic vendors. In 2010, to diversify our supply of ceramics and retain more control over our intellectual property, we developed our own ceramics plant at our headquarters in San Leandro, California to manufacture most of our ceramics components. If we are less efficient at producing our ceramic components or are unable to achieve required yields that are equal to or greater than the vendors to which we outsource, then our cost of manufacturing may be adversely affected. If we are unable to ramp up the internal production of our ceramics parts or manufacture these parts cost-effectively and/or one of our ceramics suppliers goes out of business, we may be exposed to increased risk of supply chain disruption and capacity shortages and our business and financial results, including our cost of goods sold and margins, may be adversely affected. During the ramp-up phase of bringing our ceramics facility on line, we expect our cost of goods sold to be negatively affected until we optimize production throughput.

***The durable nature of the PX device may reduce or delay potential aftermarket revenue opportunities.***

Our PX devices utilize ceramic components that have to date demonstrated high durability, high corrosion resistance and long life in seawater reverse osmosis desalination applications. Because most of our PX devices have been installed for a limited number of years, it is difficult to accurately predict their performance or endurance over a longer period of time. In the event that our products are more durable than expected, our opportunity for aftermarket revenue may be deferred.

***Our sales cycle can be long and unpredictable, and our sales efforts require considerable time and expense. As a result, our sales are difficult to predict and may vary substantially from quarter to quarter, which may cause our operating results to fluctuate.***

Our sales efforts involve substantial education of our current and prospective customers about the use and benefits of our energy recovery products. This education process can be time-consuming and typically involves a significant product evaluation process. While the sales cycle for our OEM customers, which are involved with smaller desalination plants, averages one to three months, the average sales cycle for our international engineering, procurement and construction firm customers, which are involved with larger desalination plants, ranges from nine to 16 months and has, in some cases, extended up to 24 months. In addition, these customers generally must make a significant commitment of resources to test and evaluate our technologies. As a result, our sales process involving these customers is often subject to delays associated with lengthy approval processes that typically accompany the design, testing and adoption of new, technologically complex products. This long sales cycle makes quarter-by-quarter revenue predictions difficult and results in our investing significant resources well in advance of orders for our products.

***Since a significant portion of our annual sales typically occurs during the fourth quarter, any delays could affect our fourth quarter and annual revenue and operating results.***

A significant portion of our annual sales historically occurred in most years during the fourth quarter, which we believe generally reflects engineering, procurement and construction firm customer buying patterns. A downturn in the market and delays in, or cancellation of, expected sales during the fourth quarter would reduce our quarterly and annual revenue from what we anticipated. Such a reduction might cause our quarterly and annual revenue or quarterly and annual operating results to fall below the expectations of investors and securities analysts or below any guidance we may provide to the market, causing the price of our common stock to decline.

***We depend on a limited number of vendors for our supply of ceramics, which is a key component of our PX products. If any of our ceramics vendors cancels its commitments or is unable to meet our demand and/or requirements, our business could be harmed.***

We rely on a limited number of vendors to produce ceramics components for our PX products. If any of our ceramic suppliers were to have financial difficulties, cancel or materially change their commitments with us or fail to meet the quality or delivery requirements needed to satisfy customer orders for our products and we are unable to make up that shortfall through in-house production, we could lose customer orders, be unable to develop or sell our products cost-effectively or on a timely basis, if at all, and have significantly decreased revenue, which would harm our business, operating results and financial condition.

***We depend on a limited number of suppliers for some of our components. If our suppliers are not able to meet our demand and/or requirements, our business could be harmed.***

We rely on a limited number of suppliers for vessel housings, stainless steel castings and alumina powder for our PX devices and castings for our PEI turbochargers and pumps. Our reliance on a limited number of manufacturers for these supplies involves a number of risks, including reduced control over delivery schedules, quality assurance, manufacturing yields, production costs and lack of guaranteed production capacity or product supply. We do not have long-term supply agreements with these suppliers and instead secure these supplies on a purchase order basis. Our suppliers have no obligation to supply products to us for any specific period, in any specific quantity or at any specific price, except as set forth in a particular purchase order. Our requirements represent a small portion of the total production capacities of these suppliers, and our suppliers may reallocate capacity to other customers, even during periods of high demand for our products. We have in the past experienced, and may in the future experience, quality control issues and delivery delays with our suppliers due to factors such as high industry demand or the inability of our vendors to consistently meet our quality or delivery requirements. If our suppliers were to cancel or materially change their commitments with us or fail to meet quality or delivery requirements needed to satisfy customer orders for our products, we could lose time-sensitive customer orders, be unable to develop or sell our products cost-effectively or on a timely basis, if at all, and have significantly decreased revenue, which would harm our business, operating results and financial condition. We may qualify additional suppliers in the future which would require time and resources. If we do not qualify additional suppliers, we may be exposed to increased risk of capacity shortages due to our complete dependence on current suppliers.

***We are subject to risks related to product defects, which could lead to warranty claims in excess of our warranty provisions or result in a significant or a large number of warranty or other claims in any given year.***

We provide a warranty for certain products for a period of one to two years and provide up to a six-year warranty for the ceramic components of our PX-branded products. As our ceramics technology evolves, we may increase the ceramics warranty beyond six years. We test our products in our manufacturing facilities through a variety of means. However, there can be no assurance that our testing will reveal latent defects in our products, which may not become apparent until after the products have been sold into the market, or will replicate the harsh, corrosive and varied conditions of the desalination plants and other plants in which they are installed. In addition, certain components of our turbochargers and pumps are custom-made and may not scale or perform as required in production environments. Accordingly, there is a risk that we may have significant warranty claims or breach supply agreements due to product defects. We may incur additional operating expenses if our warranty provisions do not reflect the actual cost of resolving issues related to defects in our products. If these additional expenses are significant, they could adversely affect our business, financial condition and results of operations. While the number of warranty claims has not been significant to date, we have only offered up to a six-year warranty on the ceramic components of our PX products in new sales agreements executed after August 7, 2007, and we have only offered PEI products since December 2009 when we acquired Pump Engineering, LLC. We cannot quantify the error rate of our products and the ceramic components of our PX products with statistical accuracy and cannot assure that a large number of warranty claims will not be filed in a given year. As a result, our operating expenses may increase if a significant or large number of warranty or other claims are filed in any specific year, particularly towards the end of any given warranty period.

***If we are unable to protect our technology or enforce our intellectual property rights, our competitive position could be harmed and we could be required to incur significant expenses to enforce our rights.***

Our competitive position depends on our ability to establish and maintain proprietary rights in our technology and to protect our technology from copying by others. We rely on trade secret, patent, copyright and trademark laws and confidentiality agreements with employees and third parties, all of which may offer only limited protection. We hold a limited number of United States patents and patents outside the U.S. that are counterparts to several of the U.S. patents and when their terms expire, we could become more vulnerable to increased competition. We do not hold issued patents in many of the countries where competing products are used, though we do have pending applications in countries where we have substantial sales activity. Accordingly, the protection of our intellectual property in some of those countries may be limited. We also do not know whether any of our pending patent applications will result in the issuance of patents or whether the examination process will require us to narrow our claims, and even if patents are issued, they may be contested, circumvented or invalidated. Moreover, while we believe our remaining issued patents are essential to the protection of our technology, the rights granted under any of our issued patents or patents that may be issued in the future may not provide us with proprietary protection or competitive advantages, and, as with any technology, competitors may be able to develop similar or superior technologies to our own now or in the future. In addition, our granted patents may not prevent misappropriation of our technology, particularly in foreign countries where intellectual property laws may not protect our proprietary rights as fully as those in the United States. This may render our patents impaired or useless and ultimately expose us to currently unanticipated competition. Protecting against the unauthorized use of our products, trademarks and other proprietary rights is expensive, difficult and, in some cases, impossible. Litigation may be necessary in the future to enforce or defend our intellectual property rights or to determine the validity and scope of the proprietary rights of others. This litigation could result in substantial costs and diversion of management resources, either of which could harm our business.

***Claims by others that we infringe their proprietary rights could harm our business.***

Third parties could claim that our technology infringes their proprietary rights. In addition, we or our customers may be contacted by third parties suggesting that we obtain a license to certain of their intellectual property rights they may believe we are infringing. We expect that infringement claims against us may increase as the number of products and competitors in our market increases and overlaps occur. In addition, to the extent that we gain greater visibility, we believe that we will face a higher risk of being the subject of intellectual property infringement claims. Any claim of infringement by a third party, even those without merit, could cause us to incur substantial costs defending against the claim, and could distract our management from our business. Furthermore, a party making such a claim, if successful, could secure a judgment that requires us to pay substantial damages. A judgment against us could also include an injunction or other court order that could prevent us from offering our products. In addition, we might be required to seek a license for the use of such intellectual property, which may not be available on commercially reasonable terms, or at all. Alternatively, we may be required to develop non-infringing technology, which could require significant effort and expense and may ultimately not be successful. Any of these events could seriously harm our business. Third parties may also assert infringement claims against our customers. Because we generally indemnify our customers if our products infringe the proprietary rights of third parties, any such claims would require us to initiate or defend protracted and costly litigation on their behalf in one or more jurisdictions, regardless of the merits of these claims. If any of these claims succeeds, we may be forced to pay damages on behalf of our customers.

***Our business entails significant costs that are fixed or difficult to reduce in the short term while demand for our products is variable and subject to downturns, which may adversely affect our operating results.***

Our business requires investments in facilities, equipment, R&D and training that are either fixed or difficult to reduce or scale in the short term. At the same time, the market for our products is variable and has experienced downturns due to factors such as economic recessions, increased precipitation, uncertain global financial markets, and political changes, many of which are outside our control. During periods of reduced product demand, we may experience higher relative operating costs and excess manufacturing capacity, resulting in high overhead and lower gross margins and causing cash flow and profitability to decline. Similarly, while we believe that our existing manufacturing facilities are capable of meeting current demand and demand for the foreseeable future, the continued success of our business depends on our ability to expand our manufacturing, research and development and testing facilities to meet market needs. If we are unable to respond timely to an increase in demand, our revenue, gross margin, cash flow and profitability may be adversely affected.

***If we need additional capital to fund future growth, it may not be available on favorable terms, or at all.***

We have historically relied on outside financing to fund our operations, capital expenditures and expansion. In our initial public offering in July 2008, we issued approximately 10,000,000 shares of common stock at \$8.50 per share before underwriting discount and issuing expenses. We may require additional capital from equity or debt financing in the future to fund our operations or respond to competitive pressures or strategic opportunities. We may not be able to secure such additional financing on favorable terms or at all. The terms of additional financing may place limits on our financial and operating flexibility. If we raise additional funds through further issuances of equity, convertible debt securities or other securities convertible into equity, our existing stockholders could suffer significant dilution in their percentage ownership of our company, and any new securities we issue could have rights, preferences or privileges senior to those of existing or future holders of our common stock. If we are unable to obtain necessary financing on terms satisfactory to us, if and when we require it, our ability to grow or support our business and to respond to business challenges could be significantly limited.

***If foreign and local government entities no longer guarantee and subsidize, or are willing to engage in, the construction and maintenance of desalination plants and projects, the demand for our products would decline and adversely affect our business.***

Our products are used in seawater reverse osmosis desalination plants which are often constructed and maintained with local, regional or national government guarantees and subsidies, including tax-free bonds. The rate of construction of desalination plants depends on each governing entity's willingness and ability to obtain and allocate funds for such projects, which capabilities may be affected by the current weak global financial system and credit market and the weak global economy. In addition, some desalination projects in the Middle East and North Africa have been funded by budget surpluses resulting from once high crude oil and natural gas prices. Since prices for crude oil and natural gas vary, governments in those countries may not have the necessary funding for such projects and may cancel the projects or divert funds allocated for them to other projects. Political unrest, coups or changes in government administrations, such as recent political changes and unrest in the Middle East, may also result in policy or priority changes that may also cause governments to cancel, delay or re-contract planned or ongoing projects. Government embargoes may also prohibit sales into certain countries. As a result, the demand for our products could decline and negatively affect our revenue base, our overall profitability and pace of our expected growth.

***Our products are highly technical and may contain undetected flaws or defects which could harm our business and our reputation and adversely affect our financial condition.***

The manufacture of our products is highly technical and some designs and components of our turbochargers and pumps are custom-made. Our products may contain latent defects or flaws. We test our products prior to commercial release and during such testing have discovered and may in the future discover flaws and defects that need to be resolved prior to release. Resolving these flaws and defects can take a significant amount of time and prevent our technical personnel from working on other important tasks. In addition, our products have contained and may in the future contain one or more flaws that were not detected prior to commercial release to our customers. Some flaws in our products may only be discovered after a product has been installed and used by customers. Any flaws or defects discovered in our products after commercial release could result in loss of revenue or delay in revenue recognition, loss of customers and increased service and warranty cost, any of which could adversely affect our business, operating results and financial condition. In addition, we could face claims for product liability, tort or breach of warranty. Our contracts with our customers contain provisions relating to warranty disclaimers and liability limitations, which may not be upheld or for reasons of good long-term customer relations, we may not be willing to enforce. Defending a lawsuit, regardless of its merit, is costly and may divert management's attention and adversely affect the market's perception of us and our products. In addition, if our business liability insurance coverage proves inadequate or future coverage is unavailable on acceptable terms or at all, our business, operating results and financial condition could be harmed.

***Our international sales and operations subject us to additional risks that may adversely affect our operating results.***

Historically, we have derived a significant portion of our revenue from customers whose seawater reverse osmosis desalination facilities are outside the United States. Many of these projects are located in emerging growth countries with relatively young or unstable market economies or changing political environments. These countries may be affected significantly by the current weak global economy and unstable credit markets. We also rely on sales and technical support personnel stationed in Spain, Asia and the Middle East, and we expect to continue to add personnel in other countries. Governmental changes, political unrest or reforms, or other disruptions or changes in the business, regulatory or political environments of the countries in which we sell our products or have staff could have a material adverse effect on our business, financial condition and results of operations.

Sales of our products have to date been denominated principally in U.S. dollars. If the U.S. dollar strengthens against most other currencies, it will effectively increase the price of our products in the currency of the countries in which our customers are located. This may result in our customers seeking lower-priced suppliers, which could adversely impact our revenue, margins and operating results. A larger portion of our international revenue may be denominated in foreign currencies in the future, which would subject us to increased risks associated with fluctuations in foreign exchange rates.

Our international contracts and operations subject us to a variety of additional risks, including:

- political and economic uncertainties, which the current global economic crisis may exacerbate;
- uncertainties related to the application of local contract and other laws, including reduced protection for intellectual property rights;
- trade barriers and other regulatory or contractual limitations on our ability to sell and service our products in certain foreign markets;
- difficulties in enforcing contracts, beginning operations as scheduled and collecting accounts receivable, especially in emerging markets;
- increased travel, infrastructure and legal compliance costs associated with multiple international locations;
- competing with non-U.S. companies not subject to the U.S. Foreign Corrupt Practices Act;
- difficulty in attracting, hiring and retaining qualified personnel; and
- increasing instability in the capital markets and banking systems worldwide, especially in developing countries, that may limit project financing availability for the construction of desalination plants.

As we continue to expand our business globally, our success will depend, in large part, on our ability to anticipate and effectively manage these and other risks associated with our international operations. Our failure to manage any of these risks successfully could harm our international operations and reduce our international sales, which in turn could adversely affect our business, operating results and financial condition.

***If we fail to manage future growth effectively, our business would be harmed.***

Future growth in our business, if it occurs, will place significant demands on our management, infrastructure and other resources. To manage any future growth, we will need to hire, integrate and retain highly skilled and motivated employees. We will also need to continue to improve our financial and management controls, reporting and operational systems and procedures. If we do not effectively manage our growth, our business, operating results and financial condition would be adversely affected.



***Our failure to achieve or maintain adequate internal control over financial reporting in accordance with SEC rules or prevent or detect material misstatements in our annual or interim consolidated financial statements in the future could materially harm our business and cause our stock price to decline.***

As a public company, SEC rules require that we maintain internal control over financial reporting to provide reasonable assurance regarding the reliability of financial reporting and preparation of published financial statements in accordance with generally accepted accounting principles, or GAAP, in the United States. Accordingly, we are required to document and test our internal controls and procedures to assess the effectiveness of our internal control over financial reporting. In addition, our independent registered public accounting firm is required to report on the effectiveness of our internal control over financial reporting. In the future, we may identify material weaknesses and deficiencies which we may not be able to remediate in a timely manner. Our acquisition of Pump Engineering, LLC and possible future acquisitions may increase this risk by expanding the scope and nature of operations over which we must develop and maintain internal control over financial reporting. If there are material weaknesses or deficiencies in our internal control, we will not be able to conclude that we have maintained effective internal control over financial reporting or our independent registered public accounting firm may not be able to issue an unqualified report on the effectiveness of our internal control over financial reporting. As a result, our ability to report our financial results on a timely and accurate basis may be adversely affected and investors may lose confidence in our financial information, which in turn could cause the market price of our common stock to decrease. We may also be required to restate our financial statements from prior periods. In addition, testing and maintaining internal control will require increased management time and resources. Any failure to maintain effective internal control over financial reporting could impair the success of our business and harm our financial results and you could lose all or a significant portion of your investment. If we have material weaknesses in our internal control over financial reporting, the accuracy and timing of our financial reporting may be adversely affected.

***Changes to financial accounting standards may affect our results of operations and cause us to change our business practices.***

We prepare our financial statements to conform to GAAP. These accounting principles are subject to interpretation by the SEC and various other bodies. A change in those policies can have a significant effect on our reported results and may affect our reporting of transactions completed before a change is announced. Changes to those rules or the interpretation of our current practices may adversely affect our reported financial results or the manner in which we conduct our business.

***Our planned consolidation of our North American operations could disrupt our business, impact our financial results and fail to achieve expected benefits.***

Our plan to integrate our Michigan operations into our California manufacturing center is expected to reduce costs, improve efficiencies, and enhance research and development efforts. We may not be able to complete the consolidation on schedule and in accordance with estimated costs. The consolidation may also result in unexpected business disruption causing delays in the fulfillment of orders and in the recognition of revenue. Even if the consolidation proceeds as planned, we cannot assure that the consolidation will yield expected cost reductions, economies of scale and efficiencies in research and development.

***Our past acquisition and future acquisitions could disrupt our business, impact our margins, cause dilution to our stockholders or harm our financial condition and operating results.***

We acquired privately-held Pump Engineering, LLC in late 2009 and, in the future, we may invest in other companies, technologies or assets. We may not realize the expected benefits from our past or future acquisitions. We may not be able to find other suitable acquisition candidates, and we may not be able to complete acquisitions on favorable terms, if at all. If we do complete acquisitions, we cannot assure that they will ultimately strengthen our competitive or financial position or that they will not be viewed negatively by customers, financial markets, investors or the media. Acquisitions could also result in shareholder dilution or significant acquisition-related charges for restructuring, share-based compensation and the amortization of purchased technology and intangible assets. Expenses resulting from impairment of acquired goodwill, intangible assets and purchased technology could also increase over time if the fair value of those assets decreases. A future change in our market conditions, a downturn in our business, or a long-term decline in the quoted market price of our stock may result in a reduction of the fair value of acquisition-related assets. Any such impairment of goodwill or intangible assets could harm our operating results and financial condition. In addition, when we make an acquisition, we may have to assume some or all of that entity's liabilities which may include liabilities that are not fully known at the time of the acquisition. Future acquisitions may reduce our cash available for operations and other uses. If we continue to make acquisitions, we may require additional cash or use shares of our common stock as payment, which would cause dilution for our existing stockholders.

Acquisitions, including our 2009 acquisition of Pump Engineering, LLC, entail a number of risks that could harm our ability to achieve their anticipated benefits. We could have difficulties integrating and retaining key management and other personnel, aligning product plans and sales strategies, coordinating research and development efforts, supporting customer relationships, aligning operations and integrating accounting, order processing, purchasing and other support services. Since acquired companies have different accounting and other operational practices, we may have difficulty harmonizing order processing, accounting, billing, resource management, information technology and other systems company-wide. We may also have to invest more than anticipated in product or process improvements. Especially with acquisitions of privately held or non-US companies, we may face challenges developing and maintaining internal controls consistent with the requirements of the Sarbanes-Oxley Act and US public accounting standards. Acquisitions may also disrupt our ongoing operations, divert management from day-to-day responsibilities and disrupt other strategic, research and development, marketing or sales efforts. Geographic and time zone differences and disparate corporate cultures may increase the difficulties and risks of an acquisition. If integration of our acquired businesses or assets is not successful or disrupts our ongoing operations, acquisitions may increase our expenses, harm our competitive position, adversely impact our operating results and financial condition and fail to achieve anticipated revenue, cost, competitive or other objectives.

***Insiders and principal stockholders will likely have significant influence over matters requiring stockholder approval.***

Our directors, executive officers and other principal stockholders beneficially own, in the aggregate, a substantial amount of our outstanding common stock. Although they do not have majority control of the outstanding stock, these stockholders will likely have significant influence over all matters requiring stockholder approval, including the election of directors and approval of significant corporate transactions, such as a merger or other sale of our company or its assets.

***Anti-takeover provisions in our charter documents and under Delaware law could discourage, delay or prevent a change in control of our company and may affect the trading price of our common stock.***

Provisions in our amended and restated certificate of incorporation and bylaws may have the effect of delaying or preventing a change of control or changes in our management. Our amended and restated certificate of incorporation and amended and restated bylaws include provisions that:

- authorize our board of directors to issue, without further action by the stockholders, up to 10,000,000 shares of undesignated preferred stock;
- require that any action to be taken by our stockholders be effected at a duly called annual or special meeting and not by written consent;
- specify that special meetings of our stockholders can be called only by our board of directors, the chairman of the board, the chief executive officer or the president;
- establish an advance notice procedure for stockholder approvals to be brought before an annual meeting of our stockholders, including proposed nominations of persons for election to our board of directors;
- establish that our board of directors is divided into three classes, Class I, Class II and Class III, with each class serving staggered terms;
- provide that our directors may be removed only for cause;
- provide that vacancies on our board of directors may be filled only by a majority vote of directors then in office, even though less than a quorum;
- specify that no stockholder is permitted to cumulate votes at any election of directors; and
- require a super-majority of votes to amend certain of the above-mentioned provisions.

In addition, we are subject to the provisions of Section 203 of the Delaware General Corporation Law regulating corporate takeovers. Section 203 generally prohibits us from engaging in a business combination with an interested stockholder subject to certain exceptions.

## Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

### (a) Sales of Unregistered Securities

None.

### (b) Use of Proceeds from Public Offering of Common Stock

On July 1, 2008, our registration statement (No. 333-150007) on Form S-1 was declared effective for our initial public offering, or IPO, pursuant to which we registered the offering and sale of an aggregate 16,100,000 shares of common stock, including the underwriters' over-allotment option, at a public offering price of \$8.50 per share, or aggregate offering price of \$136.9 million, of which \$86.5 million related to 10,178,566 shares sold by us and \$50.4 million related to 5,921,434 shares sold by selling stockholders. The offering closed on July 8, 2008 with respect to the primary shares and on July 11, 2008 with respect to the over-allotment shares. The managing underwriters were Citigroup Global Markets Inc. and Credit Suisse Securities (USA) LLC.

As a result of the offering, we received net proceeds of approximately \$76.7 million, after deducting underwriting discounts and commissions of \$6.1 million and additional offering-related expenses of approximately \$3.7 million. No payments for such expenses were made directly or indirectly to (i) any of our officers or directors or their associates, (ii) any persons owning 10% or more of any class of our equity securities, or (iii) any of our affiliates.

In December 2009, we used approximately \$20.0 million, including amounts held in escrow, for the acquisition of Pump Engineering, LLC.

We anticipate that we will use the remaining net proceeds from our IPO for working capital and other general corporate purposes, including to finance our growth, develop new products, fund capital expenditures, expand our existing business through acquisitions of other businesses, products or technologies, or to fund continuing operations. Pending such uses, we have deposited a substantial amount of the remaining net proceeds in a U.S. Treasury based money market fund. There has been no material change in the planned use of proceeds from our IPO from that described in the final prospectus filed with the SEC pursuant to Rule 424(b).

### (c) Purchases of Equity Securities by the Issuer and Affiliated Purchasers

None.

## Item 6. Exhibits

<u>Exhibit No.</u>	<u>Description</u>
31.1	Certification of Principal Executive Officer Pursuant to Exchange Act Rule 13a-14(a) or 15d—14(a), as Adopted Pursuant to Section 302 of The Sarbanes Oxley Act of 2002.
31.2	Certification of Principal Financial Officer Pursuant to Exchange Act Rule 13a-14(a) or 15d—14(a), as Adopted Pursuant to Section 302 of The Sarbanes Oxley Act of 2002.
32.1	Certifications of Chief Executive Officer and Chief Financial Officer Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
101.INS*	XBRL Instance Document
101.SCH*	XBRL Taxonomy Extension Schema Document
101.CAL*	XBRL Taxonomy Extension Calculation Linkbase Document
101.DEF*	XBRL Taxonomy Extension Definition Linkbase Document
101.LAB*	XBRL Taxonomy Extension Label Linkbase Document
101.PRE*	XBRL Taxonomy Extension Presentation Linkbase Document

\* XBRL (Extensible Business Reporting Language) information is furnished and not filed herewith, is not a part of a registration statement or Prospectus for purposes of sections 11 or 12 of the Securities Act of 1933, is deemed not filed for purposes of section 18 of the Securities Exchange Act of 1934, and otherwise is not subject to liability under these sections.



**CERTIFICATION OF PRINCIPAL EXECUTIVE OFFICER  
PURSUANT TO EXCHANGE ACT RULE 13a-14(a) OR 15d-14(a), AS ADOPTED PURSUANT TO  
SECTION 302 OF THE SARBANES OXLEY ACT OF 2002**

I, Thomas S. Rooney, Jr., certify that:

1. I have reviewed this quarterly report on Form 10-Q of Energy Recovery, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: November 7, 2011

/s/ THOMAS S. ROONEY, JR.

Name: Thomas S. Rooney, Jr.

Title: President and Chief Executive Officer  
(Principal Executive Officer)

**CERTIFICATION OF PRINCIPAL FINANCIAL OFFICER  
PURSUANT TO EXCHANGE ACT RULE 13a-14(a) OR 15d-14(a), AS ADOPTED PURSUANT TO  
SECTION 302 OF THE SARBANES OXLEY ACT OF 2002**

I, Alexander J. Buehler, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Energy Recovery, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: November 7, 2011

/s/ ALEXANDER J. BUEHLER

Name: Alexander J. Buehler  
Title: Chief Financial Officer  
(Principal Financial Officer)

**CERTIFICATION OF CHIEF EXECUTIVE OFFICER AND CHIEF FINANCIAL OFFICER,  
PURSUANT TO 18 U.S.C. SECTION 1350, AS ADOPTED PURSUANT TO SECTION 906 OF THE  
SARBANES-OXLEY ACT OF 2002\***

Pursuant to the requirement set forth in Rule 13a-14(b) of the Securities and Exchange Act of 1934, as amended (the "Exchange Act"), and Section 1350 of Chapter 63 of Title 18 of the United States Code, Thomas S. Rooney, Jr., President and Chief Executive Officer of Energy Recovery, Inc. (the "Company"), and Alexander J. Buehler, Chief Financial Officer of the Company, each hereby certify that, to the best of their knowledge:

1. The Company's Quarterly Report on Form 10-Q for the period ended September 30, 2011, to which this Certification is attached as Exhibit 32.1 (the "Quarterly Report") fully complies with the requirements of Section 13(a) or Section 15(d) of the Exchange Act, and
2. The information contained in the Quarterly Report fairly presents, in all material respects, the financial condition of the Company at the end of the period covered by the Quarterly Report and results of operations of the Company for the period covered by the Quarterly Report.

/s/ THOMAS S. ROONEY, JR.  
President and Chief Executive Officer

/s/ ALEXANDER J. BUEHLER  
Chief Financial Officer

Dated: November 7, 2011

Dated: November 7, 2011

\* This certification accompanies the Form 10-Q to which it relates, is not deemed filed with the Securities and Exchange Commission and is not to be incorporated by reference into any filing of Energy Recovery, Inc. under the Securities Act of 1933, as amended, or the Securities Exchange Act of 1934, as amended (whether made before or after the date of the Form 10-Q), irrespective of any general incorporation language contained in such filing.