

POWER EFFICIENCY CORP
Form POS AM
April 30, 2010

As filed with the Securities and Exchange Commission on April 30, 2010

Registration No. 333-150556

SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

POST EFFECTIVE AMENDMENT NO. 2 TO FORM S-1
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933

POWER EFFICIENCY CORPORATION
(Exact name of Company as specified in its charter)

DELAWARE
(State or other jurisdiction of
incorporation of
organization)

22-3337365
(I.R.S. Employer
Identification Number)

3960 HOWARD HUGHES PARKWAY
SUITE 460
LAS VEGAS, NV 89169
(702) 697-0377
(Address, including zip code, and telephone number,
including area code, of Company's principal executive offices)

STEVEN Z. STRASSER
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Approximate date of commencement of proposed sale to the public: From time to time after the effective date of this Registration Statement.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, as amended (the "Securities Act"), other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

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 definition of "accelerated filer and large 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

If delivery of the prospectus is expected to be made pursuant to Rule 434, please check the following box.

REGISTRATION FEE PAID WITH ORIGINAL REGISTRATION STATEMENT. NO ADDITIONAL FEE DUE.

THE COMPANY HEREBY AMENDS THIS REGISTRATION STATEMENT ON SUCH DATE OR DATES AS MAY BE NECESSARY TO DELAY ITS EFFECTIVE DATE UNTIL THE COMPANY SHALL FILE A FURTHER AMENDMENT WHICH SPECIFICALLY STATES THAT THIS REGISTRATION STATEMENT SHALL THEREAFTER BECOME EFFECTIVE IN ACCORDANCE WITH SECTION 8(A) OF THE SECURITIES ACT OF 1933, AS AMENDED, OR UNTIL THE REGISTRATION STATEMENT SHALL BECOME EFFECTIVE ON SUCH DATE AS THE SECURITIES AND EXCHANGE COMMISSION, ACTING PURSUANT TO SAID SECTION 8(A), MAY DETERMINE.

The information in this prospectus is not complete and may be changed. Neither we nor the selling stockholders may sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities and neither we nor the selling stockholders are soliciting an offer to buy these securities in any state where the offer or sale is not permitted.

This Post Effective Amendment No. 2 on Form S-1/A amends the Registration Statement on Form S-1 and the Post Effective Amendment No. 1 that were filed by the Registrant. The prospectus contained in this Post-Effective Amendment will, upon effectiveness of the Post-Effective Amendment, supersede the prospectuses dated September 26, 2008 and June 30, 2009 and filed pursuant to Rule 424(b). All filing fees payable in connection with the registration of the securities covered hereby were previously paid in connection with the filing of the original registration statement.

SUBJECT TO COMPLETION, DATED APRIL 30, 2010

PROSPECTUS
POWER EFFICIENCY CORPORATION
58,071,092 SHARES OF COMMON STOCK

This prospectus relates to 58,071,092 shares of our common stock that may be sold from time to time by the Selling Stockholders listed under the caption "Selling Stockholders". We will not receive any of the proceeds from the sale of the common stock sold. The Selling Stockholders may sell those shares from time to time in the public securities market. The Selling Stockholders may determine the prices at which they will sell the common stock, which prices may be at market prices prevailing at the time of such sale or some other price. See "Plan of Distribution".

Our common stock is traded on the National Association of Securities Dealers Over The Counter Bulletin Board (the "OTC Bulletin Board") under the symbol "PEFF." On April 27, 2010, the closing bid price of our common stock as reported on the OTC Bulletin Board was \$0.26.

THE SHARES OF COMMON STOCK OFFERED HEREBY INVOLVE A HIGH DEGREE OF RISK. IT IS LIKELY THAT THE COMMON STOCK WILL BE SUBJECT TO "PENNY STOCK" RULES, WHICH GENERALLY REQUIRE THAT A BROKER OR DEALER APPROVE A PERSON'S ACCOUNT FOR TRANSACTIONS IN PENNY STOCK AND THE BROKER OR DEALER RECEIVE FROM THE INVESTOR A WRITTEN AGREEMENT TO THE TRANSACTIONS SETTING FORTH THE IDENTITY AND QUANTITY OF THE PENNY STOCKS TO BE PURCHASED BEFORE A TRADE INVOLVING A PENNY STOCK IS EXECUTED. SEE "RISK FACTORS" BEGINNING ON PAGE 5.

NEITHER THE SECURITIES AND EXCHANGE COMMISSION NOR ANY STATE SECURITIES COMMISSION HAS APPROVED OR DISAPPROVED OF THESE SECURITIES OR PASSED UPON THE ACCURACY OR ADEQUACY OF THIS PROSPECTUS. ANY REPRESENTATION TO THE CONTRARY IS A CRIMINAL OFFENSE.

The date of this Prospectus is April 30, 2010

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ABOUT THIS PROSPECTUS

This prospectus is part of a post-effective amendment to a registration statement we have filed with the SEC. Under this registration process, the selling stockholders referred to in this prospectus may offer and sell from time to time up to 24,702,117 currently outstanding shares of our common stock, 7,890,000 shares of our common stock issuable upon the conversion of the Company's Series B Preferred Stock, 17,927,997 shares of our common stock issuable upon the exercise of warrants outstanding at an weighted average exercise price of \$0.47 per share and held by the selling stockholders as of the date of this prospectus and 7,550,978 shares of our common stock issuable upon the exercise of options and warrants issued to employees, consultants, vendors and noteholders.

This prospectus does not cover the issuance of any shares of common stock by us, and we will not receive any of the proceeds from any sale of shares by the selling stockholders. We have agreed to pay all expenses incurred in connection with the registration of the shares of common stock covered by this registration statement.

Information about the selling stockholders may change over time. Any changed information given to us by the selling stockholders will be set forth in a prospectus supplement if and when necessary. Further, in some cases, the selling stockholders will also be required to provide a prospectus supplement containing specific information about the terms on which they are offering and selling our common stock. If a prospectus supplement is provided and the description of the offering in the prospectus supplement varies from the information in this prospectus, you should rely on the information in the prospectus supplement.

PROSPECTUS SUMMARY

This section highlights selected information only and may not contain all of the information that may be important to you. Please read this entire prospectus before making your investment decision. This summary, including the summary financial information, is qualified in its entirety by the more detailed information appearing elsewhere in this prospectus. Throughout this prospectus, when we refer to "Power Efficiency" or the "Company" or when we speak of ourselves generally, we are referring to Power Efficiency Corporation unless the context indicates otherwise or as otherwise noted.

THE OFFERINGS

On January 21, 2008, Power Efficiency Corporation issued an aggregate of 140,000 units, each unit consisting of one share of the Company's Series B Preferred Stock, par value \$.001 per share, and a warrant to purchase 50 shares of the Company's common stock, receiving aggregate consideration of \$7,000,000, which included \$5,150,000 of cash and the cancellation of \$1,850,000 of debt. The Series B Preferred Stock and warrants issued in the offering are convertible or exercisable, as applicable, into an aggregate of up to 18,360,000 shares of the Company's common stock, of which 13,885,000 shares are being registered on this registration statement.

Each share of Series B Preferred Stock is initially convertible into 100 shares of the Company's common stock, subject to adjustment under certain circumstances. The Series B Preferred Stock is convertible at the option of the holder at any time. The Series B Preferred Stock is also subject to mandatory conversion in the event the average closing price of the Company's common stock for any ten day period equals or exceeds \$1.00 per share, such conversion to be effective on the trading day immediately following such ten day period. The Series B Preferred Stock has an 8% dividend, payable annually in cash or stock, at the discretion of the Company's Board of Directors. Each warrant is exercisable for up to 50 shares of common stock at an exercise price of \$0.60 per share and expires five years from the date of issuance.

On November 30, 2006, January 19, 2007, March 2, 2007, March 7, 2007, March 30, 2007 and March 31, 2007, the Company issued and sold an aggregate of 14,116,680 shares of its common stock, \$2,000,000 in promissory notes and 9,558,340 common stock purchase warrants in a private offering of equity and debt for an aggregate of \$6,235,000 in cash, cancellation of indebtedness and in lieu of compensation owed to certain employees, officers and directors of the Company. The per share purchase price of the common stock was \$0.30. The warrants have a per share exercise price of \$0.40 and expire five years from the date of issuance. The \$6,235,000 investment consisted of \$400,000 from the cancellation of indebtedness, approximately \$50,000 in lieu of compensation owed to certain employees, officers and directors of the Company, and approximately \$5,785,000 in new cash. Of the aggregate 23,675,020 shares of issued Company common stock and shares of common stock issuable upon the exercise of warrants, 20,686,422 shares are being registered on this registration statement.

In June, July and August of 2005, we conducted a private offering of our common stock and warrants. We offered up to 50 units, at \$50,000 each, to individuals or entities who qualified as "accredited investors" as defined in Rule 501 of Regulation D promulgated under the Securities Act. Each such unit consisted of (a) 250,000 shares of common stock and (b) a warrant to purchase prior to the fifth (5th) anniversary following the closing 125,000 shares of common stock, at an exercise price of \$0.40. The placement closed on August 31, 2005 with the Company receiving gross proceeds of \$2,900,000, and resulted in an aggregate of 24,350,001 shares of Company common stock being issued or reserved for issuance upon the exercise of warrants, of which 15,696,591 shares are being registered on this registration statement.

The Company is also registering an aggregate of 7,803,079 shares of Company common stock issuable upon the issuance of warrants and non-qualified options issued to employees, consultants and vendors on this registration statement.

THE COMPANY

Our Business

Power Efficiency produces products that reduce energy costs in specific commercial applications, utilizing patented improvements upon motor controller technologies developed by National Aeronautics Space Administration (“NASA”), as well as technologies based solely on the Company’s inventions. The Company has branded these collective patented and patent pending technologies as E-SAVE Technology® and has a trademark on this name. Our products are solid-state motor controllers which reduce the amount of power consumed by alternating current (AC) induction motors operating at constant speeds and under variable loads. Our products were previously marketed as the Performance Controller and the Power Genius, but have recently been re-branded as Motor Efficiency Controllers (“MEC”). The MEC reduces energy consumption on electrical equipment by electronically sensing and controlling the amount of energy the motor consumes on certain applications. The energy savings can range up to 35%, while the life of the motor is extended because of both the reduced motor operating temperatures and the reduced mechanical stress provided by its “soft start” technology. The efficiency of the MEC has been tested by Excel Energy, Nevada Power Company and other utilities, and independent third parties, with positive results.

We market our products directly under the brand name MEC, and through other companies under names such as Power Commander® and EcoStar®. Customers include large elevator and escalator manufacturers such as Otis Elevator Co. (a subsidiary of United Technologies, Inc.) and KONE Inc, as well as many industrial companies in plastics, mining, manufacturing and other industries

There are over one billion AC motors in operation in the U.S. alone. Alternating current induction motors are commonly found in industrial and commercial facilities throughout the world. Customers for the MEC are typically in a high electricity cost environment, may have local utility or governmental incentives to save energy, have energy usage as a significant operating cost, use constant speed induction motors that are lightly or cyclically loaded, and have motors that run continuously or have frequent on/off cycles. This customer base represents a market which includes target sectors such as elevators, escalators, granulators, crushers, grinders, conveyors and other industrial applications.

We are focused on creating distribution channels to take advantage of opportunities given the current conditions in the energy market and how our product meets these needs. Management believes this multi-channel distribution strategy, if successful, will allow Power Efficiency to achieve sustainable revenue growth.

Highlights

Demonstrated Energy Savings - Over 1,000 units have been installed at facilities throughout the U.S. [update] The products have demonstrated the ability to reduce the energy consumption of AC induction motors, by up to 35% in appropriate applications.

Extensive Engineering - Our products incorporate trade secret and engineering know-how, which we believe enables them to operate effectively over a broad range of conditions.

Large Potential Market - A study for the United States Department of Energy estimates that motor driven systems consume 64% of all the electricity used in the U.S. manufacturing sector alone. Based on our own in-house testing, our product can save up to 35% of the energy consumed by electric AC induction motors in lightly loaded applications. These applications include most motors that work at constant speed but are variably loaded, such as the AC motors found on many elevators, escalators, granulators, saw mills, stamping presses and other manufacturing equipment. The U.S. Department of Energy studies have found that nearly half the motors in the manufacturing sector

are operating in a lightly loaded condition.

Proprietary Technology – Our products incorporate patented and patent-pending technologies and other trade secrets. We have one approved patent and three patents pending.

New Products - We have developed and received certifications for digital versions of our products from 22 to 380 amps from Underwriter Laboratories, Inc. (“UL”), Conformity European (“CE”), and the Canadian Standards Association (“CSA”). We have also developed a product for small motors such as those found in residential and light commercial equipment and appliances.

Limited Competition - We are not aware of any products on the market today that have been certified by CE, CSA, and UL, and offer the same energy-saving and soft start characteristics as our products, and we have proven to save energy in independent tests.

International Distribution - International markets, such as those in Europe and Asia, often have higher prices for electricity than in the U.S. Therefore, we believe international markets provide a significant opportunity in the future.

A detailed description of our business strategy is provided under the heading "Business" below.

Our headquarters is located at 3960 Howard Hughes Parkway, Suite 460, Las Vegas, NV 89169, and our telephone number is 702-697-0377.

Selling Stockholders

The shares of common stock covered by this prospectus that are being offered by the selling stockholders consist of up to 58,071,092 shares issued or to be issued (the "Securities") to the selling stockholders within 60 days of the date hereof. The full name, address and control persons of the selling stockholders are set forth beginning on page 36 of this prospectus.

RISK FACTORS

An investment in the Company's common stock involves a high degree of risk. You should carefully consider the risks below, together with the other information contained in this prospectus, before you decide to purchase the shares offered hereby. If any of the following risks occur, our business, results of operations and financial condition could be harmed, the trading price of our common stock could decline, and you could lose all or part of your investment. The risks and uncertainties described below are intended to be the material risks that are specific to us and to our industry. New risk factors emerge from time to time and it is not possible for us to predict all such risk factors, nor can we assess the impact of all such risk factors on our business or the extent to which any factor, or combination of factors, may cause future actual results to differ materially from those contained in any historical or forward-looking statements.

RISKS RELATED TO OUR BUSINESS

Unless We Achieve Profitability and Related Positive Cash Flow, We May Not Be Able To Continue Operations, And Our Auditors Have Questioned Our Ability To Continue As A "Going Concern".

The Company has suffered recurring losses from operations, and experienced a deficiency of cash of approximately \$3,000,000 and \$3,100,000 from operations for the years ended December 31, 2009 and 2008, respectively. For the years ended December 31, 2009 and December 31, 2008, we had net losses of \$4,168,708 and \$3,948,204, respectively. In our Auditors' Report dated March 31, 2010 on our December 31, 2009 financial statements included in this report, our auditors have stated that these factors raise substantial doubt about our ability to continue as a "going concern". Our financial statements do not include any adjustments relating to the recoverability and classification of recorded asset amounts or the amount of liabilities that might be necessary should we be unable to continue in existence. The Company's continuation as a "going concern" is dependent upon achieving profitable operations and related positive cash flow and satisfying our immediate cash needs by external financing until we are profitable. Our plans to achieve profitability include developing new products, obtaining new customers and increasing sales to existing customers. We are seeking to raise additional capital through equity issuance, debt financing and other types of financing, but we cannot guarantee that sufficient capital will be raised.

We Have A Limited Operating History, Have Experienced Recurring Losses And Have Limited Revenue.

To date, and due principally to a lack of working capital, our operations have been limited in scale. Although we have an arrangement with an outsourced production facility to manufacture our products, have established relationships with suppliers, and have received contracts for our products, we may experience difficulties in production scale-up, product distribution, and obtaining and maintaining working capital until such time as our operations have been scaled-up to acceptable commercial levels. We have not had a profitable quarter in the past three years and we cannot guarantee we will ever operate profitably. In addition, we have limited revenue. For the year ended December 31, 2009, our total revenues were \$283,990, and for the year ended December 31, 2008, our total revenues were \$480,513.

We Do Not Have A Bank Line Of Credit.

At the present time, we do not have a bank line of credit, which further restricts our financial flexibility.

We Will Require Additional Funds To Meet Our Cash Operating Expenses And Achieve Our Current Business Strategy.

The Company continues to have limited working capital and will be dependent upon additional financing to meet capital needs and repay outstanding debt. We cannot guarantee additional financing will be available on acceptable

terms, if at all. We also need additional financing to raise the capital required to fully implement our business plan. Our current operating expense level is approximately \$250,000 to \$300,000 per month. Management is seeking to raise additional capital through equity issuance, debt financing or other types of financing. However, there are no assurances that sufficient capital will be raised.

When our operations require additional financing, if we are unable to obtain it on reasonable terms, we would be forced to restructure, file for bankruptcy or cease operations, any of which could cause you to lose all or part of your investment in us.

Our Management Group Owns Or Controls A Significant Number Of The Outstanding Shares Of Our Common Stock And Will Continue To Have Significant Ownership Of Our Voting Securities For The Foreseeable Future.

As of the date of this report, management controls approximately twenty-one percent (21%) of our issued and outstanding Common Stock and voting equivalents. Additionally, Summit Energy Ventures, LLC (“Summit”) owns eleven percent (11%) of our common stock and voting equivalents, which is included in the above number. Summit is controlled by Steven Strasser, our Chairman and CEO, and he has the right to vote all shares owned by Summit. BJ Lackland, our CFO, owns a minority equity interest in Summit. As a result, these persons will have the ability, acting as a group, to greatly influence our affairs and business, including the election of directors and, subject to certain limitations, approval or preclusion of fundamental corporate transactions. This concentration of ownership of our common stock may:

- delay or prevent a change in the control;
- impede a merger, consolidation, takeover, or other transaction involving the Company; or
- discourage a potential acquirer from making a tender offer or otherwise attempting to obtain control of the Company.

The relationships between Summit and our executive officers are discussed in more detail under “Certain Relationships And Related Party Transactions” herein.

Our Business Depends Upon The Maintenance Of Our Proprietary Technology, And We Rely, In Part, On Contractual Provisions To Protect Our Trade Secrets And Proprietary Knowledge.

The Company depends upon its proprietary technology, relying principally upon trade secret and patent law to protect this technology. The Company also regularly enters into confidentiality agreements with key employees, customers, potential customers, and vendors and limits access to and distribution of trade secrets and other proprietary information. However, these measures may not be adequate to prevent misappropriation of our technology. Additionally, our competitors may independently develop technologies substantially equivalent or superior to our technology. In addition, the laws of some foreign countries do not protect our proprietary rights to the same extent as the laws of the United States. We also are subject to the risk of adverse claims and litigation alleging infringement of intellectual property rights of others.

Confidentiality agreements to which we are party may be breached, and we may not have adequate remedies for any breach. Our trade secrets may also be known without breach of such agreements or may be independently developed by competitors. Our inability to maintain the proprietary nature of our technology and processes could allow our competitors to limit or eliminate any competitive advantages we may have.

We Are Dependent On Third-Party Suppliers.

Although we believe most of the key components required for the production of our products are currently available in sufficient production quantities from multiple sources, they may not remain so readily available. It is possible that other components required in the future may necessitate custom fabrication in accordance with specifications developed or to be developed by us. Also, in the event that we, or our contract manufacturer, as applicable, are unable to develop or acquire components in a timely fashion, our ability to achieve production yields, revenues and net income can be expected to be adversely affected. Additionally, we are dependent on Sanmina-Sci to manufacture our higher volume products. While we believe we would be successful in finding alternative manufacturers should this manufacturer not be available to manufacture our product, it could take substantial time and effort to locate such alternatives and, depending on the timing of the loss of Sanmina-Sci, could result in disruption in delivery schedules and harm to our clients, our reputation and future prospects.

We Are Developing And Commercializing New Energy Saving Technologies And Products Which Will Involve Uncertainty And Risks Related To Product Development And Market Acceptance.

Our success is dependent, to a large degree, upon our ability to fully develop and commercialize our technology and gain industry acceptance of our products based upon our technology and its perceived competitive advantages. Accordingly, our prospects must be considered in light of the risks, expenses and difficulties frequently encountered in connection with the establishment of a new business in a highly competitive industry, characterized by frequent new product introductions. We anticipate that we will incur substantial expense in connection with the development and testing of our proposed products and expect these expenses to result in continuing and significant losses until such time, if ever, that we are able to achieve adequate levels of sales or license revenues.

We Have Limited Experience in Direct Sales.

Our products have been distributed primarily through OEMs. We have recently begun pursuing an expanded distribution strategy designed to reduce our reliance on OEMs. Pursuant to this strategy, we are increasing our direct sales efforts into new markets. Our future growth and profitability will depend upon the successful development of business relationships with additional OEMs, growth in direct sales, and sales through select resellers and reps to penetrate the market with our products.

We Currently Depend On A Small Number Of Customers And Expect To Continue To Do So.

The Company currently does business with approximately 20 customers. Of this number, four customers accounted for approximately 71% of our gross revenues in 2009. We are, and may continue to be, dependent upon a small number of customers. Accordingly, the loss of one or more of these customers is likely to have a material adverse effect on our business.

Most Of Our Current And Potential Competitors Have Greater Name Recognition, Financial, Technical And Marketing Resources, And More Extensive Customer Bases And Industry Relationships Than We Do, All Of Which Could Be Leveraged To Gain Market Share To Our Detriment, Particularly In An Environment Of Rapid Technological Change.

We compete against a number of companies in the electric motor energy savings market, many of which have longer operating histories, established markets and far greater financial, advertising, research and development, manufacturing, marketing, personnel and other resources than we currently have or may reasonably expect to have in the foreseeable future. This competition may have an adverse effect on our ability to expand our operations or operate profitably. The motor control industry is also highly competitive and characterized by rapid technological change. Our future performance will depend in large part upon our ability to become and remain competitive and to develop, manufacture and market acceptable products in these markets. Competitive pressures may necessitate price reductions, which can adversely affect revenues and profits. If we are not competitive in our ongoing research and development efforts, our products may become obsolete, or be priced above competitive levels. However, management believes, based upon their performance and price, our products are attractive to customers. We cannot guarantee that competitors will not introduce comparable or technologically superior products, which are priced more favorably than our products.

Changes In Retail Energy Prices Could Affect Our Business.

We have found that a customer's decision to purchase an MEC (or similar product) is primarily driven by the payback on the investment resulting from the increased energy savings. Although management believes that current retail energy prices support an attractive return on investment for our products, the future retail price of electrical energy

may not remain at such levels, and price fluctuations reducing energy expense could adversely affect product demand.

Loss Of Key Personnel Could Have Significant Adverse Consequences.

We currently depend on the services of Steve Strasser, and BJ Lackland, our Chief Executive Officer and Chief Financial Officer, respectively. The loss of the services of either of these persons could have an adverse effect on our business. As discussed under “Management”, we have entered into long-term employment contracts with Messrs. Strasser and Lackland, but such contracts do not guarantee they will remain with us.

We Do Not Have “Key Man” Life Insurance.

The Company presently does not have any key man life insurance policies. As soon as practicable following the commencement of profitable operations (which may never occur), we intend to purchase key man life insurance on the life of our principal executive officer, Steven Strasser. Upon purchase of such insurance, we intend to pay the premiums and be the sole beneficiary. The lack of such insurance may have a material adverse effect upon our business.

Delaware Law Limits The Liability Of Our Directors.

Pursuant to our Certificate of Incorporation, the Company’s directors are not liable to us or our stockholders for monetary damages for breach of fiduciary duty, except for liability in connection with a breach of the duty of loyalty, for acts or omissions not in good faith or which involved intentional misconduct or a knowing violation of law for dividend payments or stock repurchases illegal under Delaware law or any transaction in which a director has derived an improper personal benefit.

Potential Product Liability Claims May Not Be Fully Covered By Insurance.

The Company may be subject to potential product liability claims that could, in the absence of sufficient insurance coverage, have a material adverse impact on us. Presently, we have general liability coverage that includes product liability up to \$2,000,000 and umbrella liability up to \$4,000,000. Any large product liability suits occurring early in our growth may significantly and adversely affect our ability to expand the market for our products.

RISKS RELATED TO OUR COMMON STOCK AND CAPITAL STRUCTURE

Trading In Our Common Stock Over The Last 12 Months Has Been Limited, So Investors May Not Be Able To Sell As Many Of Their Shares As They Want At Prevailing Prices.

Prices of our common stock are quoted on the OTC Bulletin Board. Approximately 26,000 shares were traded on an average daily trading basis for the 12 months ended December 31, 2009. If limited trading in our common stock continues, it may be difficult for shareholders to sell their shares. Also, the sale of a large block of our common stock could depress the market price to a greater degree than a company that typically has a higher volume of trading of its securities.

The Limited Public Trading Market May Cause Volatility In Our Stock Price.

The Company’s common stock is currently quoted on a limited basis on the OTC Bulletin Board under the symbol “PEFF”. The quotation of our common stock on the OTC Bulletin Board does not assure that a meaningful, consistent and liquid trading market exists at all times, and in recent years such market has experienced extreme price and volume fluctuations that have particularly affected the market prices of many smaller companies like us. Our common stock is thus subject to this volatility. Sales of substantial amounts of our common stock, or the perception that such sales might occur, could adversely affect prevailing market prices of our common stock.

An Active And Visible Trading Market For Our Common Stock May Not Develop.

The market for our common stock may become inactive in the future. In the absence of an active trading market:

- Investors may have difficulty buying and selling or obtaining market quotations;
- Market visibility for our common stock may be limited; and

- A lack of visibility for our common stock may have a depressive effect on the market price for our common stock.

The OTC Bulletin Board is an inter-dealer, over-the-counter market that provides significantly less liquidity than NASDAQ, and quotes for stocks included on the OTC Bulletin Board are not listed in the financial sections of newspapers, as are those for the NASDAQ Stock Market. The trading price of the common stock is expected to be subject to significant fluctuations in response to variations in quarterly operating results, changes in analysts' earnings estimates, announcements of innovations by the Company or its competitors, general conditions in the industry in which we operate and other factors. These fluctuations, as well as general economic and market conditions, may have a material or adverse effect on the market price of our common stock.

Penny Stock Regulations May Impose Certain Restrictions On Marketability Of Our Securities.

The SEC has adopted regulations which generally define a “penny stock” to be any equity security that has a market price of less than \$5.00 per share or an exercise price of less than \$5.00 per share, subject to certain exceptions. As a result, our common stock is subject to rules that impose additional requirements on broker-dealers who sell such securities to persons other than established customers and accredited investors (generally those with net worth in excess of \$1,000,000 or annual income exceeding \$200,000, or \$300,000 together with their spouse). For transactions covered by these rules, the broker-dealer must make a special suitability determination for the purchase of such securities and have received the purchaser’s written consent to the transaction prior to the purchase. Additionally, for any transaction involving a penny stock, unless exempt, the rules require the delivery, prior to the transaction, of a risk disclosure document relating to the penny stock market. The broker-dealer must also disclose the commission payable to both the broker-dealer and the registered representative, current quotations for the securities and, if the broker-dealer is the sole market maker, the broker-dealer must disclose this fact and the broker-dealer’s presumed control over the market. Finally, monthly statements must be sent disclosing recent price information for the penny stock held in the account and information on the limited market in penny stocks. Consequently, the “penny stock” rules may restrict the ability of broker-dealers to sell the Company’s securities and may affect the ability of investors to sell the Company’s securities in the secondary market and the price at which such purchasers can sell any such securities.

Stockholders should be aware that, according to the Commission, the market for penny stocks has suffered in recent years from patterns of fraud and abuse. Such patterns include:

- Control of the market for the security by one or a few broker-dealers that are often related to the promoter or issuer;
- Manipulation of prices through prearranged matching of purchases and sales and false and misleading press releases;
- "Boiler room" practices involving high pressure sales tactics and unrealistic price projections by inexperienced sales persons;
 - Excessive and undisclosed bid-ask differentials and markups by selling broker-dealers; and
- The wholesale dumping of the same securities by promoters and broker-dealers after prices have been manipulated to a desired level, along with the inevitable collapse of those prices with consequent investor losses.

The Company’s management is aware of the abuses that have occurred historically in the penny stock market.

We May Never Pay Cash Dividends On Our Common Stock.

We have not paid or declared any dividends on our common stock and do not anticipate paying or declaring any cash dividends on our common stock in the foreseeable future.

Sales Of Common Stock Under Rule 144 May Adversely Affect The Market Price Of Our Common Stock.

Possible Resales under Rule 144. Of the 45,077,984 shares of the Company’s common stock outstanding on the date of this report, 33,547,157 shares are freely trading in the market place (the “Free Trading Shares”). The Free Trading Shares are comprised mostly of shares (1) originally issued in private offerings of common stock from June through March 2007, that were later registered in the Company’s S-1 Registration Statement (the “Registration Statement”), declared effective on October 10, 2008 and (2) shares originally issued in transactions exempt from registration under the Securities Act.

The remaining 11,530,827 shares of our common stock outstanding are restricted securities as defined in Rule 144 and under certain circumstances may be resold without registration pursuant to Rule 144. These shares include the 9,968,910 shares held by Summit and Steven Strasser in the aggregate, and 1,561,917 shares held by directors and

insiders.

In addition, the Company had approximately 31,447,563 common stock purchase warrants outstanding and approximately 16,197,396 common stock options outstanding as of the date of this report, including the warrants issued in connection with the private offer and sale of preferred stock units in 2008 and 2009 (See Note 15 to the Financial Statements). The shares issuable on exercise of the options and warrants may, under certain circumstances, be available for public sale in the open market under the Registration Statement or pursuant to Rule 144, subject to certain limitations.

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In general, pursuant to Rule 144, after satisfying a six month holding period: (i) affiliated stockholder (or stockholders whose shares are aggregated) may, under certain circumstances, sell within any three month period a number of securities which does not exceed the greater of 1% of the then outstanding shares of common stock or the average weekly trading volume of the class during the four calendar weeks prior to such sale and (ii) non-affiliated stockholders may sell without such limitations, provided we are current in our public reporting obligations. Rule 144 also permits the sale of securities by non-affiliates that have satisfied a one year holding period without any limitation or restriction. Any substantial sale of the common stock pursuant to Rule 144 may have an adverse effect on the market price of the Company's shares.

Exercise Of Outstanding Options And Warrants Will Dilute Ownership Of Outstanding Shares.

As of the date of this report, the Company has reserved 71,429 shares of common stock for issuance upon exercise of stock options or similar awards which may be granted pursuant to the 1994 Plan, of which no options are outstanding. Furthermore, we have reserved 25,000,000 shares of our common stock for issuance upon exercise of stock options or similar awards which may be granted pursuant to the 2000 Plan, of which options to purchase an aggregate of 16,197,396 shares are outstanding. The outstanding options under the 2000 Plan have a weighted average exercise price of \$0.35. As of the date of this report, we have issued warrants exercisable for 31,447,563 shares of common stock to financial consultants, investors, former employees and other business partners, having a weighted average exercise price of \$0.43 and expiring on various dates from February 2010 to February 2015. Exercise of these options and warrants in the future will reduce the percentage of common stock held by the public stockholders. Furthermore, the terms on which we could obtain additional capital during the life of the options and warrants may be adversely affected, and it should be expected that the holders of the options and warrants would exercise them at a time when we would be able to obtain equity capital on terms more favorable than those provided for by such options and warrants.

Our Issuance Of "Blank Check" Preferred Stock Could Adversely Affect Our Common Stockholders.

The Company's Certificate of Incorporation authorizes the issuance of "blank check" preferred stock with such designations, rights and preferences as may be determined from time to time by the board of directors. Accordingly, our Board of Directors is empowered, without stockholder approval, to issue preferred stock with dividends, liquidation, conversion, voting or other rights that could adversely affect the relative voting power or other rights of the holders of our common stock. In the event of issuance, the preferred stock could be used as a method of discouraging, delaying or preventing a change in control of the Company, which could have the effect of discouraging bids for the Company and thereby prevent stockholders from receiving the maximum value for their shares. From August 12, 2009, through February 24, 2010, the Company sold 23,375 shares of its Series C preferred stock and 34,625 shares of its Series C-1 preferred stock in private offerings of units (See Note 15 to the Financial Statements).

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus, including the sections entitled "Prospectus Summary," "Risk Factors," "Management's Discussion and Analysis of Financial Condition and Results of Operations" and "Business," contains forward-looking statements. These statements relate to future events, our future financial performance, growth of our target market and related worldwide markets, future demand for our products, retail electrical energy demand and prices and similar expectations. These statements involve known and unknown risks, uncertainties and other factors that may cause our actual results, levels of activity, performance or achievements to differ materially from any future results, levels of activity, performance or achievements expressed or implied by these forward-looking statements. You can identify forward-looking statements by terminology such as "may," "will," "should," "expects," "intends," "plans," "anticipates," "believes," "estimates," "predicts," "potential," "continues" or the negative of these terms or other comparable terminology. These risks and other factors include those listed under "Risk Factors" and elsewhere in this

prospectus. Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee future results, levels of activity, performance or achievements. You should not place undue reliance on any forward-looking statements as they reflect our management's view only as of the date of this prospectus. We will not update any forward-looking statements to reflect events or circumstances that occur after the date on which such statement is made.

This prospectus contains statistical data that we obtained from industry sources. These sources generally indicate that they have obtained their information from sources believed to be reliable, but do not guarantee the accuracy or completeness of the information. Although we believe that the industry sources are reliable, we have not independently verified their data.

USE OF PROCEEDS

We will not receive any of the proceeds from the sale of the shares of common stock by the Selling Stockholders. If and when the warrants held by Selling Stockholders are exercised, we will receive the proceeds from the exercise of those warrants. If all of these warrants are exercised in full, we will receive approximately \$10,000,000, which we intend to use for working capital and other general corporate purposes.

We anticipate we will need at least \$250,000 to \$300,000 per month to continue our current operations, not including non-cash expenses and payments to certain creditors, including accrued expenses. As discussed in "Risk Factors" above, we will need to make payments toward accrued liabilities out of our cash flow for the foreseeable future. Overall, our satisfaction of our cash requirements depends on our ability to raise money from external financing sources and to generate future sales.

PRICE RANGE OF COMMON STOCK

The Company's common stock is thinly traded on the National Association of Securities Dealers' Over the Counter Bulletin Board ("OTCBB") under the symbol "PEFF".

The following table sets forth the high and low bid information for periods in the three month period ended March 31, 2010 and the two twelve month periods ended December 31, 2009 and December 31, 2008.

Three months Ended March 31, 2010	High	Low
January 1, 2010 — March 31, 2010	\$ 0.32	\$ 0.20
Twelve months Ended December 31, 2009	High	Low
October 1, 2009 — December 31, 2009	\$ 0.45	\$ 0.20
July 1, 2009 — September 30, 2009	0.25	0.11
April 1, 2009 — June 30, 2009	0.30	0.12
January 1, 2009 — March 31, 2009	0.30	0.08
Twelve months Ended December 31, 2008	High	Low
October 1, 2008 — December 31, 2008	\$ 0.25	\$ 0.08
July 1, 2008 — September 30, 2008	0.32	0.19
April 1, 2008 — June 30, 2008	0.39	0.26
January 1, 2008 — March 31, 2008	0.55	0.26

As of April 27, 2010 there were 168 stockholders of record of the Company's common stock.

DIVIDEND POLICY

We have never declared or paid cash dividends on our capital stock and have no present intention of paying cash dividends in the foreseeable future. Payment of future dividends, if any, will be at the discretion of our Board of Directors and will depend on our financial condition, results of operations, capital requirements and such other factors as the Board of Directors deems relevant. It is the intention and present policy of our board to retain all earnings to

provide for our future growth.

MANAGEMENT'S DISCUSSION AND ANALYSIS OR PLAN OF OPERATIONS

The following discussion should be read in conjunction with our financial statements and the related notes included elsewhere in this prospectus. In addition to historical information, this discussion includes forward-looking information that involves risks and assumptions which could cause actual results to differ materially from management's expectations. See "Special Note Regarding Forward-Looking Statements" on page 10 of this prospectus.

OVERVIEW

The Company generates revenues from a single business segment: the design, development, marketing and sale of proprietary energy efficiency technologies and products for electric motors. The Company's products, called Motor Efficiency Controllers ("MEC"), save up to 35 percent of the electricity used by a motor in appropriate applications. The Company's patented technology platform, called E-Save Technology®, saves energy when a constant speed alternating current induction motor is operating in a lightly loaded condition. Target applications for the Company's three-phase MECs include escalators, MG set elevators, grinders, crushers, saws, stamping presses, and many other types of industrial equipment. The Company has also developed a single-phase MEC targeted at smaller motors, such as those found in clothes washers, dryers, and other appliances and light commercial equipment. The Company has one existing patent and three patents pending on E-Save Technology®.

Analog Three-phase MEC

The Company began generating revenues from sales of its patented analog three-phase MEC line of motor controllers in the late 1990's. The Company sold this product through the second quarter of 2009.

Digital Three-phase MEC

In 2005, the Company began development of a digital version of its three-phase MEC so that the product would be capable of high volume sales through existing distribution channels for motor controls. The digital version is much smaller in size and easier to install than the analog product, is driven by a powerful microprocessor and digital signal processor. The digital MEC is a complete motor control device, meaning it can start, stop, soft start and protect a motor, and is therefore capable of replacing standard motor starters and soft starts that do not save energy. The product can be installed by OEMs at their factories or it can be retrofitted on to existing equipment.

In 2008, the Company launched limited sales of the digital three-phase MEC and initiated testing of the digital product by several OEMs, primarily in the elevator/escalator industry. In the summer of 2009, the Company announced its first OEM agreements and that it had received Underwriters' Laboratories ("UL") certification on a full line of the Company's digital three-phase products. UL certification enables the Company to sell its digital three-phase products to industrial markets. The Company is developing a network of independent sales representatives to penetrate the industrial markets.

Digital Single-phase MEC

In 2006, the Company began development on its digital single-phase product. The digital single phase MEC is targeted at appliances, such as clothes washers and dryers. The Company has one patent pending on its digital single-phase MEC.

Capitalization

As of December 31, 2009, the Company had total stockholders' equity of \$801,642 primarily due to (i) the Company's sale of 30,250 shares of Series C and Series C-1 Convertible Preferred Stock in a private offering in December of 2009, (ii) the Company's sale of 140,000 shares of Series B Convertible Preferred Stock in a private offering from October of 2007 through January of 2008, (iii) the Company's sale of 12,950,016 shares of common stock in a private stock offering from November of 2006 through March of 2007, (iv) the Company's sale of 14,500,000 shares of common stock in a private stock offering in July and August of 2005, (v) the Company's sale of 2,346,233 shares of Series A-1 Convertible Preferred stock to Summit Energy Ventures, LLC in June of 2002 and (vi) the conversion of notes payable of approximately \$1,047,000 into 982,504 shares of Series A-1 Convertible Preferred Stock in October of 2003. All of the Company's Series A-1 Convertible Preferred Stock was converted into the Company's common stock in 2005.

Because of the nature of our business, the Company makes significant investments in research and development for new products and enhancements to existing products. Historically, the Company has funded its research and development efforts through cash flow primarily generated from debt and equity financings. Management anticipates that future expenditures in research and development will continue at current levels.

The Company's results of operations for the year ended December 31, 2009 were marked by a significant decrease in revenues and an increase in losses from operations that are more fully discussed in the following section "Results of Operations for the Years Ended December 31, 2009 and 2008". Sales cycles for our products are generally lengthy and can range from less than a month to well over one year, depending on customer profile. Larger OEM deals and sales to larger end users generally take a longer period of time, whereas sales through channel partners may be closed within a few weeks. Because of the complexity of this sales process, a number of factors that are beyond the control of the Company can delay the closing of transactions.

RESULTS OF OPERATIONS FOR THE YEARS ENDED DECEMBER 31, 2009 AND 2008

The following table sets forth certain line items in our condensed statement of operations as a percentage of total revenues for the periods indicated:

	Year Ended December 31, 2009	Year Ended December 31, 2008
Revenues	100.0%	100.0%
Cost of revenues	78.8	82.8
Gross profit	21.2	17.2
Costs and expenses:		
Selling, general and administrative	933.0	631.1
Research and development	335.6	211.5
Depreciation and amortization	23.4	15.5
Total expenses	1,292.1	858.1
Loss from operations	(1,270.9)	(840.9)
Other income	(175.6)	21.8
Provision for taxes	(21.4)	(2.6)
Net loss	(1,467.9)	(821.7)
Dividends paid or payable on Series B, Series C and Series C-1 Preferred Stock	447.5	113.6
Net loss attributable to common shareholders	(1,915.5)	(935.3)

REVENUES

Revenues for the year ended December 31, 2009, were approximately \$284,000 compared to approximately \$481,000 for the year ended December 31, 2008, a decrease of \$197,000 or 41%. This decrease is mainly attributable to a decrease in sales in the elevator and escalator market during the year ended December 31, 2009. Specifically, escalator manufacturer and service provider sales fell to approximately \$183,000 for the year ended December 31, 2009, from \$363,000 for the year ended December 31, 2008. Sales of the analog product to one escalator manufacturer and service provider, which is one of the Company's largest customers, slowed very significantly during this period in anticipation of release of their private label version of our digital product. The digital product has been tested and approved for use on a retrofit and OEM basis by this customer, and a supply agreement was signed during the second quarter of 2009, and the customer's private label version of our digital product was launched at the end of the second quarter of 2009. The digital product offers greater features and functionality compared to the analog product, making

it more attractive as an OEM product. Furthermore, industrial sales fell to approximately \$78,000 for the year ended December 31, 2009, from approximately \$118,000 for the year ended December 31, 2008. Sales of the Company's single-phase product, which is for use on small appliances, totaled approximately \$23,000 for the year ended December 31, 2009. There were no comparable sales of the single-phase product in 2008. For the year ended December 31, 2009, industrial and other sales, of which all but one sale consisted of digital units, were approximately 27% of total revenues, escalator and elevator sales, which consisted of a mix of digital units and analog units, were approximately 65% of total revenues, and sales of our single-phase product were approximately 8% of total revenues. For the year ended December 31, 2008, industrial and other sales, which consisted of a mix of digital units and analog units, were approximately 21% of total revenues, and escalator and elevator sales, which consisted mostly of analog units, were approximately 79% of total revenues.

COST OF REVENUES

Cost of revenues for the year ended December 31, 2009 were approximately \$224,000 compared to approximately \$398,000 for the year ended December 31, 2008, a decrease of \$174,000, or 44%. This decrease is mainly attributable to a decrease in sales in both the elevator and escalator and the industrial markets during the year ended December 31, 2009. Also, the Company recorded an inventory obsolescence charge of approximately \$41,000 during the year ended December 31, 2008 and no comparable charge was recorded during the year ended December 31, 2009. As a percentage of sales, total cost of revenues decreased to approximately 79% for the year ended December 31, 2009, compared to approximately 82% for the year ended December 31, 2008. The decrease in the costs as a percentage of sales was primarily due to the Company increasing its prices on certain units, which resulted in higher margins during the year ended December 31, 2009, and an increase in the sale of digital units, which have higher average margins than analog units, as well as no inventory obsolescence charges during 2009.

GROSS PROFIT

Gross profit for the year ended December 31, 2009 was approximately \$60,000 compared to approximately \$83,000 for the year ended December 31, 2008, resulting in a decrease of \$23,000 or 28%. This decrease is mainly attributable to a decrease in sales in both the elevator and escalator and the industrial markets during the year ended December 31, 2009, partially offset by the inventory obsolescence charge recorded by the Company during the year ended December 31, 2008, as described above. As a percentage of revenue, gross profit increased to approximately 21% for the year ended December 31, 2009, compared to approximately 17% for the year ended December 31, 2008.

OPERATING EXPENSES

Selling, General and Administrative Expenses

Selling, general and administrative expenses were approximately \$2,650,000 for the year ended December 31, 2009, compared to approximately \$3,033,000 for the year ended December 31, 2008, a decrease of \$383,000 or 13%. The decrease in selling, general and administrative expenses compared to the prior year was primarily due to a decrease in travel expenses, consulting fees, and a decrease in stock based compensation costs related to FASB ASC 718 (SFAS 123(R)). These decreases were partially offset by increases in legal and professional fees, related to the Company's patent attorneys and litigation (see Item 3 – Legal Proceedings), and a change in the Company's independent registered accounting firm.

Research and Development Expenses

Research and development expenses were \$953,000 for the year ended December 31, 2009 compared to approximately \$1,016,000 for the year ended December 31, 2008, a decrease of \$63,000 or 6%. This decrease is mainly attributable to a decrease in the Company's product development and certification costs related to the Company's digital controller for both its single-phase and three-phase products during the year ended December 31, 2009.

Change in Fair Value of Warrant Liability

Warrants issued in connection with a private offering of the Company's common stock completed on July 8, 2005 and August 31, 2005 are being accounted for as liabilities in accordance with FASB ASC 820-10, Fair Value Measurements and Disclosures (Prior authoritative literature: FASB EITF 07-5, Determining Whether an Instrument (or Embedded Feature) Is Indexed to an Entity's Own Stock ("EITF 07-5"), issued January 2009), based on an analysis of the terms and conditions of the warrant agreements.

As a result, the fair value of these warrants (five year warrants to purchase up to 5,696,591 shares of the Company's common stock at an exercise price of \$0.44 per share), amounting to \$381,856 as of January 1, 2009, was reclassified from equity and reflected as a liability. The fair value of these warrants amounted to \$828,827 as of December 31, 2009. The \$514,089 increase in the fair value of these warrants during 2009 has been reflected as a non-operating loss in the Statement of Operations for 2009. The warrants are being valued at each reporting period using the Black-Scholes pricing model to determine the fair market value per share. We will continue to mark the warrants to market value each quarter-end until they expire.

Financial Condition, Liquidity, and Capital Resources: For the Year Ended December 31, 2009

The Company has suffered recurring losses from operations, and experienced a deficiency of cash of approximately \$3,000,000 and \$3,100,000 from operations for the years ended December 31, 2009 and 2008, respectively. For the years ended December 31, 2009 and December 31, 2008, we had net losses of \$4,168,708 and \$3,948,204, respectively. In our Auditors' Report dated March 31, 2010 on our December 31, 2009 financial statements included in this report, our auditors have stated that these factors raise substantial doubt about our ability to continue as a "going concern". Our financial statements do not include any adjustments relating to the recoverability and classification of recorded asset amounts or the amount of liabilities that might be necessary should we be unable to continue in existence.

The Company's continuation as a "going concern" is dependent upon achieving profitable operations and related positive cash flow and satisfying our immediate cash needs by external financing until we are profitable. Our plans to achieve profitability include developing new products, obtaining new customers and increasing sales to existing customers.

We are seeking to raise additional capital through equity issuance, debt financing and other types of financing, but we cannot guarantee that sufficient capital will be raised.

On March 30, 2010, the Company issued unsecured notes payable to Steven Strasser, the Company's CEO, totaling \$125,000. The notes bear interest at 5%, payable upon maturity. The notes mature two months after issuance.

Since inception, the Company has financed its operations primarily through the sale of its securities. In 2009, the Company received a total of approximately \$1,210,000 in gross proceeds from a private placement of its Series C and Series C-1 preferred stock and warrants to purchase common stock. In 2008 and 2007, the Company received a total of approximately \$8,025,000 in gross proceeds from a private placement of its Series B preferred stock, common stock and warrants to purchase common stock, as to which the Company was required to file a registration statement on Form SB-2 or other relevant registration statement. Of this amount, \$1,850,000 was converted from existing debt securities. Also in 2007, the Company grossed approximately \$680,000 in cash from the exercise of warrants. As of December 31, 2009 the Company has received a total of approximately \$21,515,000 from public and private offerings of its equity securities, received \$300,000 from a bridge note with a shareholder (which was converted into 3,000,000 shares of common stock and 1,500,000 warrants with an additional investment of \$300,000 on July 8, 2005), received approximately \$445,386 under a bank line of credit (which was repaid during 2002), and received \$1,000,000 under a line of credit with a shareholder (which was converted to Series A-1 Preferred Convertible shares during 2003). In October 2004 and February 2005, the Company received \$1,589,806 in debt financing through a debt offering arranged by a placement agent, Pali Capital. Of this total, \$300,000 plus accrued interest was converted from borrowings with the same shareholder as referenced above. In April 2006, the Company received \$1,000,000 in debt financing from EMTUCK, LLC, in which the managing member is a management company wholly owned and controlled by Steven Strasser, the Company's CEO. In May 2006, the Company received an additional \$500,000 in debt financing from EMTUCK. In November 2006, the Company received \$2,000,000 in debt financing. Of this amount, \$1,450,000 was converted from borrowings from prior investors. This \$2,000,000 note was paid off in full in October of 2007. As of December 31, 2009 the Company had cash of \$247,564 and has no outstanding debt securities.

Net cash used for operating activities for the year ended December 31, 2009 was \$3,002,386 which primarily consisted of: a net loss of \$4,168,708; less bad debt expense of \$8,149, depreciation and amortization of \$66,589, loss on the disposal of fixed assets of \$3,097, warrants and options issued in connection services from vendors, and to employees and consultants of \$405,143, change in fair value of warrant liability of \$514,089, deferred tax provision of \$49,946, decreases in prepaid expenses and other current assets of \$10,728, and deposits of \$11,292, increases in accounts receivable of \$30,133 and inventory of \$35,233. In addition, these amounts were partially offset by decreases in deferred rent of \$3,750, and increases in accounts payable and accrued expenses of \$166,405.

Net cash used for operating activities for the year ended December 31, 2008 was \$3,102,847 which primarily consisted of: a net loss of \$3,948,204; less bad debt expense of \$7,770, inventory obsolescence expense of \$40,758, depreciation and amortization of \$74,539, warrants and options issued in connection with services from vendors, and to employees and consultants of \$765,504, common stock issued for consulting services of \$7,960, decreases in accounts receivable of \$57,323 and deposits of \$84,057, increases in inventory of \$155,016 and prepaid expenses of \$5,869. In addition, these amounts were partially offset by decreases in accounts payable and accrued expenses of \$30,669 and customer deposits of \$1,605, and increases in deferred rent of \$605.

Net cash used in investing activities for fiscal year 2009 was \$32,882, compared to \$132,364 in fiscal year 2008. The amount for 2009 consisted of the purchase of fixed assets of \$9,601, costs related to patent applications of \$24,174, and proceeds from the sale of fixed assets of \$893. The amount for 2008 consisted of the purchase of fixed assets of \$104,857, and costs related to patent applications of \$27,507.

Net cash provided by financing activities for fiscal year 2009 was \$1,182,819. The entire amount consisted of the net proceeds from the issuance of equity securities.

Net cash provided by financing activities for fiscal year 2008 was \$248,846. The entire amount consisted of the net proceeds from the issuance of equity securities.

The Company expects to increase its operating expenses, particularly in research and development and selling, general and administrative expenses, for the foreseeable future in order to execute its business strategy. As a result, the Company anticipates that operating expenses will constitute a material use of any cash resources.

Cash Requirements and Need for Additional Funds

The Company anticipates a substantial need for cash to fund its working capital requirements. It is the opinion of management that approximately \$2.5 - 3 million will be required to cover operating expenses, including, but not limited to, marketing, sales, research and operations during the next twelve months. If the Company is unable to obtain funding on reasonable terms or finance its needs through current operations, the Company will be forced to restructure, file for bankruptcy or cease operations.

Notable changes to expenses are expected to include an increase in the Company's sales personnel and efforts, and developing more advanced versions of the Company's technology and products.

Critical Accounting Policies and Estimates

Management's discussion and analysis of Power Efficiency Corporation's financial condition and results of operations are based upon the condensed financial statements contained in this Annual Report on Form 10-K, which have been prepared in accordance with accounting principles generally accepted in the United States. The preparation of these financial statements requires management to make estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses, and disclosure of contingent assets and liabilities. On an on-going basis, management evaluates estimates, including those related to the valuation of inventory and the allowance for uncollectible accounts receivable. We base our estimates on historical experience and on various other assumptions that management believes to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ materially from these estimates under different assumptions or conditions. We believe the following critical accounting policies affect our more significant judgments and estimates used in the preparation of our condensed financial statements.

Inventories

Inventories are valued at the lower of cost (first-in, first-out) or market. The Company reviews inventory for impairments to net realizable value whenever circumstances arise. Such circumstances may include, but are not limited to, the discontinuation of a product line or re-engineering certain components making certain parts obsolete. Management has determined a reserve for inventory obsolescence is not necessary at December 31, 2009 or 2008.

Accounts Receivable

The Company carries its accounts receivable at cost less an allowance for doubtful accounts and returns. On a periodic basis, the Company evaluates its accounts receivable and establishes an allowance for doubtful accounts, based on a history of past write-offs and collections and current credit conditions. Change in customer liquidity or financial condition could affect the collectability of that account, resulting in the adjustment upward or downward in the provision for bad debts, with a corresponding impact to our results of operations.

Fair Value Measurements:

FASB ASC 820-10 (SFAS No. 157) emphasizes that fair value is a market-based measurement, not an entity-specific measurement. Therefore, a fair value measurement should be determined based on the assumptions that market participants would use in pricing the asset or liability. As a basis for considering market participant assumptions in fair value measurements, FASB ASC 820-10 (SFAS No. 157) establishes a fair value hierarchy that distinguishes between market participant assumptions based on market data obtained from sources independent of the reporting entity (observable inputs that are classified within Levels 1 and 2 of the hierarchy) and the reporting entity's own assumptions about market participant assumptions (unobservable inputs classified within Level 3 of the hierarchy). The Company has applied FASB ASC 820-10 (SFAS 157) to measure the amount of the liability related to its derivative instruments at fair value and to determine fair value for purposes of testing goodwill for impairment.

Level 1 inputs utilize quoted prices (unadjusted) in active markets for identical assets or liabilities that the Company has the ability to access. Level 2 inputs are inputs other than quoted prices included in Level 1 that are observable for the asset or liability, either directly or indirectly. Level 2 inputs may include quoted prices for similar assets and liabilities in active markets, as well as inputs that are observable for the asset or liability (other than quoted prices), such as interest rates and yield curves that are observable at commonly quoted intervals. Level 3 inputs are unobservable inputs for the asset or liability, which is typically based on an entity's own assumptions, as there is little, if any, related market activity. In instances where the determination of the fair value measurement is based on inputs from different levels of the fair value hierarchy, the level in the fair value hierarchy within which the entire fair value measurement falls is based on the lowest level input that is significant to the fair value measurement in its entirety. The Company's assessment of the significance of a particular input to the fair value measurement in its entirety requires judgment, and considers factors specific to the asset or liability.

Revenue Recognition

Revenue from product sales is recognized at the time of shipment, when all services are complete. Returns and other sales adjustments (warranty accruals, discounts and shipping credits) are provided for in the same period the related sales are recorded.

Accounting for Stock Based Compensation

The Company accounts for employee stock options as compensation expense, in accordance with FASB ASC 718 (SFAS 123(R)). FASB ASC 718 (SFAS 123(R)) requires companies to expense the value of employee stock options and similar awards, and applies to all outstanding and vested stock-based awards.

In computing the impact, the fair value of each option is estimated on the date of grant based on the Black-Scholes options-pricing model utilizing certain assumptions for a risk free interest rate; volatility; and expected remaining lives of the awards. The assumptions used in calculating the fair value of share-based payment awards represent management's best estimates, but these estimates involve inherent uncertainties and the application of management's judgment. As a result, if factors change and the Company uses different assumptions, the Company's stock-based

compensation expense could be materially different in the future. In addition, the Company is required to estimate the expected forfeiture rate and only recognize expense for those shares expected to vest. In estimating the Company's forfeiture rate, the Company analyzed its historical forfeiture rate, the remaining lives of unvested options, and the amount of vested options as a percentage of total options outstanding. If the Company's actual forfeiture rate is materially different from its estimate, or if the Company reevaluates the forfeiture rate in the future, the stock-based compensation expense could be significantly different from what we have recorded in the current period. The impact of applying FASB ASC 718 (SFAS 123(R)) approximated \$405,000 and \$766,000 in additional compensation expense during the periods ended December 31, 2009 and 2008, respectively. Such amounts are included in research and development expenses and selling, general and administrative expense on the statement of operations.

Product Warranties

The Company typically warrants its products for two years. Estimated product warranty expenses are accrued in cost of sales at the time the related sale is recognized. Estimates of warranty expenses are based primarily on historical warranty claim experience. Warranty expenses include accruals for basic warranties for products sold. While management believes our estimates are reasonable, an increase or decrease in submitted warranty claims could affect warranty expense and the related current and future liability.

Provision for Income Taxes

The Company utilizes the asset and liability method of accounting for income taxes pursuant to FASB ASC 740 Accounting for Income Taxes (Prior authoritative literature FASB SFAS No. 109, Accounting for Income Taxes (“SFAS 109”)), which requires the recognition of deferred tax assets and liabilities for both the expected future tax impact of differences between the financial statement and tax basis of assets and liabilities, and for the expected future tax benefit to be derived from tax loss and tax credit carryforwards. FASB ASC 740 (SFAS 109) additionally requires the establishment of a valuation allowance to reflect the likelihood of realization of deferred tax assets. We have reported net operating losses for consecutive years, and do not have projected taxable income in the near future. This significant evidence causes our management to believe a full valuation allowance should be recorded against the deferred tax assets.

FASB ASC 740-10-25-10 Definition of Settlement in FASB Interpretation No. 48 (Prior authoritative literature FIN 48-1 Definition of Settlement in FASB Interpretation No. 48 (“FIN 48-1”) issued May 2007) provides guidance on how to determine whether a tax position is effectively settled for the purpose of recognizing previously unrecognized tax benefits. FASB ASC 740-10-25-10 (FIN 48-1) is effective retroactively to January 1, 2007. Under FASB ASC 740 (FIN 48), the impact of an uncertain tax position taken or expected to be taken on an income tax return must be recognized in the financial statements at the amount that is more likely than not to be sustained upon audit by the relevant taxing authority. An uncertain income tax position will not be recognized in the financial statements unless it is more likely than not of being sustained. The implementation of FASB ASC 740 (FIN 48) and FASB ASC 740-10-25-10 (FIN 48-1) did not have a material impact on the Company’s financial position, results of operations or cash flows.

Goodwill

FASB ASC 350, Goodwill and Other Intangible Assets (Prior authoritative literature: FASB SFAS No. 142, Goodwill and Other Intangible Assets (“SFAS 142”)) requires that goodwill shall not be amortized. At a minimum, goodwill is tested for impairment, on an annual basis by the Company, or when certain events indicate a possible impairment, utilizing a two-step test, as described in FASB ASC 350 (SFAS 142).

The Company’s most recent impairment analysis was performed on December 31, 2009, on the Company’s single reporting unit. Using the Company’s market capitalization (based on Level 1 inputs), management determined that the estimated fair market value substantially exceeded the company’s book value. As of December 31, 2009, the Company’s market capitalization was \$13,896,024, and the Company’s book value was \$801,642. As of December 31, 2008, the Company’s market capitalization was \$8,651,088, and the Company’s book value was \$4,046,747. Based on this, no impairment exists as of December 31, 2009 and 2008. Circumstances may arise in which the Company will perform an impairment test in addition to its annual tests. A significant impairment could have a material adverse affect on our financial condition and results of operations.

New Accounting Pronouncements:

In October 2009, the Financial Accounting Standards Board issued Accounting Standards Update 2009-13, “Revenue Recognition (Topic 605) Multiple-Deliverable Revenue Arrangements, a consensus of the FASB Emerging Issues Task Force (“ASU 2009-13”). ASU 2009-13 amends existing accounting guidance for separating consideration in multiple-deliverable arrangements. ASU 2009-13 establishes a selling price hierarchy for determining the selling price of a deliverable. The selling price used for each deliverable will be based on vendor-specific objective evidence if available, third-party evidence if vendor-specific evidence is not available, or estimated selling price if neither vendor-specific evidence nor third-party evidence is available. ASU 2009-13 eliminates residual method of allocation and requires that arrangement consideration be allocated at the inception of the arrangement to all deliverables using the “relative selling price method.” The relative selling price method allocates any discount in the arrangement proportionately to each deliverable on the basis of each deliverable’s selling price. ASU 2009-13 requires that a vendor determine its best estimate of selling price in a manner that is consistent with that used to determine the price to sell the deliverable on a stand-alone basis. ASU 2009-13 is effective prospectively for revenue arrangements entered into or materially modified in fiscal years beginning on or after June 15, 2010, with earlier adoption permitted. We do not believe the adoption of ASU 2009-13 will have any material impact on our financial statements.

In January 2010, the FASB issued accounting standards update (ASU) No. 2010-06, Fair Value Measurements and Disclosures (Topic 820)—Improving Disclosures about Fair Value Measurements (ASU No. 2010-06). ASU No. 2010-06 requires: (1) fair value disclosures of assets and liabilities by class; (2) disclosures about significant transfers in and out of Levels 1 and 2 on the fair value hierarchy, in addition to Level 3; (3) purchases, sales, issuances and settlements be disclosed on gross basis on the reconciliation of beginning and ending balances of Level 3 assets and liabilities; and (4) disclosures about valuation methods and inputs used to measure the fair value of Level 2 assets and liabilities. ASU No. 2010-06 becomes effective for the first financial reporting period beginning after December 15, 2009, except for disclosures about purchases, sales, issuances and settlements of Level 3 assets and liabilities which will be effective for fiscal years beginning after December 15, 2010. We are currently assessing what impact, if any, ASU No. 2010-06 will have on our fair value disclosures; however, we do not believe the adoption of the guidance provided in this codification update to have a material impact on our financial statements.

BUSINESS

General Background

We design, develop and market energy efficiency technologies and products for electric motors. Until recently these products were called the “Power Genius™”. We recently re-branded the product as the “MEC”. Our new digital technology is called “E-SAVE Technology™”. Our products reduce the amount of power consumed by lightly loaded alternating current induction motors that operate at a constant speed. Utilizing patented improvements upon NASA-developed motor diagnostic technologies, our products provide energy cost savings to the user of as much as 35%. We market our products directly under the brand name MEC, and through other companies under names such as Power Commander® and EcoStart™. These companies include the leading elevator/escalator manufacturers in the world, such as Otis Elevator Co (a division of United Technologies) and KONE, Inc.

Description of Business

(a) Business Development

Formation

Power Efficiency Corporation was incorporated in Delaware on October 19, 1994. From inception through 1997, the Company was a development stage entity that was engaged in the design, development, marketing and sale of proprietary solid state electrical components designed to reduce energy consumption in alternating current induction motors. Alternating current induction motors are commonly found in industrial and commercial facilities throughout the world.

(b) Business of the Company

The Company’s Principal Products and Technology

In the late 1990s the Company commenced the sale of its initial product, which was based on analog technology and reduces energy consumption in alternating current induction motors in certain applications. This product has been known by several names, including the Power Commander® and Power Genius. In 2005 the Company began development of a digital product that would overcome many of the commercial limitations of the analog product. In 2008, limited models of the first-generation of the digital product were launched. In mid-2009 the Company launched a line of products up to 300 horsepower that had certification from Underwriters Laboratories (“UL”) and its second-generation digital circuitry was launched. Going forward, the Company has chosen to call its products Motor Efficiency Controllers (“MEC”).

The Company has developed patented and patent-pending technologies for effectively controlling the energy usage of an electric motor. The Company's first United States Patent was granted in 1998. Over the past four years the Company has undertaken extensive study and computer modeling of motors and their energy use, and has developed digital technologies for its controllers. In the process, the Company has discovered what it believes are significant innovations and has completed numerous patent filings around these new inventions. The Company has branded these collective patented and patent pending technologies as E-SAVE Technology® and has a registered trademark on this name.

The Company has developed technologies and products for use on three-phase and single-phase motors. Three-phase power and motors are generally found in industrial and commercial buildings for larger applications than single-phase power and motors.

The Company's marketing efforts initially focused on the three-phase version but it is also now marketing the single-phase product. The Company's digital Three-Phase MEC is designed to have the following functionality:

1. Start a motor
2. Provide a soft start for the motor, bringing it gradually from rest to full speed
3. Provide various motor protection capabilities, such as sensing current overload, phase loss, under- and over-voltage, and more.
4. Save energy when the motor is at full speed but is less than fully loaded

The Company's digital Single-Phase MEC is designed to have the following functionality:

1. Start a motor
2. Provide a soft start for the motor, bringing it gradually from rest to full speed
3. Save energy when the motor is at full speed but is less than fully loaded

Three-Phase and Single-Phase MECs are unique particularly because of their energy savings capabilities. The product reduces energy consumption by electric motors by electronically sensing and controlling the amount of energy the motor consumes. A motor with an MEC installed only uses the energy it needs to perform its work task, thereby increasing its efficiency. The result is a reduction of energy consumption typically ranging from 15% - 35% in applications that do not always run at peak load levels. The amount of energy savings depends on a variety of factors, including the load on the motor and the motor's characteristics.

The Company's management believes its Motor Efficiency Controllers offer certain advantages over competing products for the following reasons:

- **Motor and Equipment Life:** The MEC extends motor life by reducing the stress and strain on the motor and surrounding equipment, and reduces the amperage to the motor, which results in cooler running.
- **Successful Utility and Customer Tests:** The MEC has been successfully tested by numerous electric utilities and customers. For example, Paragon Consulting Services, a contractor for Nevada Power Company, the electric utility for southern Nevada, performed 8 field tests on escalators and one on an elevator in major Las Vegas casinos. The tests resulted in average energy savings of over 30% on the escalators and 20% on the elevator.

- Utility Incentive Financing: The three-phase product has qualified for rebate incentive financing, most frequently called “rebates”, from many electric utilities. This financing is generally paid to the end user of the MEC as an incentive to invest in energy saving products. As such, this financing effectively decreases the cost of the Company’s MEC for end users. The utilities that have approved the Company’s products for incentive financing include: NV Energy (formerly Nevada Power Company and Sierra Pacific Power Company), the Los Angeles Department of Water and Power, Southern California Edison, Sacramento Municipal Utility District, Anaheim Utilities, the New York Power Authority, Excel Energy and San Diego Gas and Electric.

- Acceptance by Original Equipment Manufacturers: The Company's products have been approved and installed by numerous original equipment manufacturers ("OEMs") in the escalator and granulator industries.

Three-Phase MEC

The Company initially focused its marketing efforts for the Three-Phase MEC in the elevator and escalator industry, although the Company is also actively marketing this product to industrial markets, such as recycling, mining, plastics, and manufacturing. Industries that operate equipment such as conveyor systems, crushing equipment, stamping presses, granulators, grinders, shredders and other motor driven equipment with varying loads, are believed to be viable target markets for the Three-Phase MEC. The Company is seeking to target markets with appropriate applications and market access, using direct sales, OEMs, distributors and independent representatives to address these markets.

Single-Phase Product

Like the Company's three-phase product described above, the Company's single-phase product reduces energy consumption in electric motors by sensing and controlling the amount of energy the motor consumes. Many motors commonly used in home appliances and other consumer goods are single-phase AC motors. Since the single-phase product is much smaller, has a much lower price point, and can be incorporated directly into a broad variety of applications, the Company believes it is a product most suitable for installation at the OEM level.

Product Development

The Company has devoted significant time and resources in the past several years toward developing "digital" versions of its three-phase and single-phase products. Through this process, the Company has transformed its technology so that its key technological breakthroughs are primarily incorporated in algorithms and software on a microchip. The Company believes the digital versions of its products have several distinct advantages over the older analog versions, including:

- Motor starter and motor protection capabilities similar to standard solid state starters sold by large motor control companies. The analog product could not start a motor and provided no motor protection, so the customer had to purchase these items at additional costs for components and installation. The digital MEC instead incorporates all these functions and therefore replaces a standard solid state motor control.
- Increased ease of installation and reduced technical support requirements. For example, instead of approximated and manual adjustments during installation, which can require technical support from the Company, the digitized unit will allow more simplified and precise adjustments by customers and third party installers.
 - Reduced product size, which is important for many installations.
 - Input-output communications capabilities, so the device can communicate with external control systems.
- Increased functionality. The Company expects to be able to add new functionality to the products. These new functions may include such things as:
 - Recording and reporting of actual energy savings;
- Prediction of maintenance problems by reading and reporting on changes in the motor's operating characteristics; and
 - More secure intellectual property protection through the use of secured chips and software.

Marketing and Sales

The Company's marketing efforts have historically been concentrated in the elevator and escalator industry, primarily to OEMs of elevator and escalator equipment and end users that own this equipment. With UL approval in mid-2009, the Company has targeted more heavily industrial markets, such as mining aggregates and plastics. End users of the Company's products include retail chains, hotels, airports, transit systems, and mining, plastics and manufacturing companies.

The Company sells products into the elevator and escalator market primarily to and through large OEM resellers. The elevator and escalator market is dominated by four global companies, Otis Elevator, Schindler, ThyssenKrupp and KONE. Collectively these companies are believed to have over 80% of the world market for new equipment and service contracts. The Company has formal supply agreements for North America with ThyssenKrupp and KONE. The Company also sells to and completes projects with Otis Elevator and Schindler.

The Company is focused on penetrating industrial markets through independent representatives and distributors who will in turn sell to OEMs of industrial equipment and end users. The Company significantly increased these industrial market activities in late 2009 after receiving UL certification, since this certification is required by many industrial concerns.

The Company's longer term goal is to be a high value supplier of technologies, with numerous OEMs and other resellers engaged with high volume sales and/or licensing agreements.

Manufacturing and Distribution

The Company's products are manufactured internally and by a multi-billion dollar global contract manufacturer, Sanmina SCI ("Sanmina"). The Company's strategy is to manufacture internally products that sell at lower volumes, such as MECs for very large motors, and to outsource the manufacturing of higher volume products, such as smaller units and circuit boards. The Company believes this strategy allows for high quality production, cost efficiencies, and the capability to rapidly increase production volumes. Management believes this strategy has the ability to meet the Company's production needs and the Company would be successful in finding alternative manufacturers should Sanmina not be available to manufacture our product.

Competition

Power Efficiency believes the principal competitive factors in the Company's markets include innovative product development, return on investment from energy savings, product quality, product performance, utility rebate acceptance, established customer relationships, name recognition, distribution and price.

Three-Phase Competition. The Company's Three-Phase MEC's principal capabilities include being a motor starter, providing a soft start and protection for the motor, and reducing the motor's electricity consumption once the motor is at full speed. The Company believes its products are unique primarily because of the last capability – energy savings.

The first capabilities - starting, soft starting and protecting a motor - are commonly found in existing motor control products. There are billions of dollars of motor starters and soft starts sold every year. These products are typically manufactured and marketed by large motor control companies, many of which have longer operating histories, established markets and far greater financial, advertising, research and development, manufacturing, marketing, personnel and other resources than the Company currently has or may reasonably be expected to have in the foreseeable future. This competition may have an adverse effect on the ability of the Company to commence and expand its operations or operate in a profitable manner.

There are also several small companies that reportedly make products that combine motor starting, soft starting and energy savings. The Company is unaware of any large company that makes a product of this nature. Although the Company has not completed any formal market study, the Company believes its Three-Phase MEC has the following competitive advantages over other products:

- It combines soft start features with energy savings features in a single integrated unit that is CSA, UL and CE certified and has achieved energy savings levels of up to 15% to 35% in independent, third party testing;

- Its circuitry is proprietary, protected by one patent. Three additional patent filings on new innovations are pending approval of the U.S. Patent and Trademark Office;
- It has been tested extensively by utilities with documented energy savings and approval for incentive financing rebates;

- It is accepted by OEMs in the escalator and granulator industries.

Single-Phase Competition. There have been several companies that have, with different technologies, attempted to exploit this market due to the enormous opportunity in single-phase motor applications. These products include among others, “Green Plug” (voltage clamping), “Power Planner” (digital microchip) and “Econelectric” (power factor control). The Company has made numerous innovations in the past three years that it believes overcome many of the problems with these and the Company’s earlier designs. The Company has filed for a patent on these innovations and has reduced the product in size and cost to the point it can be sold to OEMs of applicable appliances and other equipment driven by single-phase AC motors.

Premium Efficiency Motors. Motors are rated by their efficiency at full load. However, when motors, including “premium efficiency motors” are lightly loaded, they become very inefficient. Management believes that the energy savings gain attributable to premium efficiency motors is materially lower than that of its MEC on underloaded motor applications. Furthermore, the Company’s products are able to save energy on underloaded premium efficiency motors, so that such motors and the Company’s technology are not mutually exclusive.

Source of Supply and Availability of Raw Materials

The MEC has been designed to use standard, off-the-shelf, easily acquired components, except for the custom made circuit boards. Such off-the-shelf components are basic items readily available worldwide at competitive prices. They come in standard and miniature versions and offer the Company latitude in product design and production. Although the Company believes most of the key components required for the production of its products are currently available in sufficient production quantities from multiple sources, there can be no assurance they will remain so readily available or at comparable prices.

Customers

The Company currently does business with approximately 20 customers. Of this number, four customers presently account for approximately 71% of the Company’s gross revenues. These customers and their respective gross revenue percentages are KONE – 49%; IXYS – 8%; Otis – 7%; and Global PET – 7%. The Company is, and may continue to be, dependent upon a limited number of customers. Accordingly, the loss of one or more of these customers may have a material adverse effect upon the Company’s business.

Patents and Proprietary Rights

The Company currently relies on a combination of trade secrets, non-disclosure agreements and patent protection to establish and protect its proprietary rights in its products. There can be no assurance these mechanisms will provide the Company with any competitive advantages. Furthermore, there can be no assurance others will not independently develop similar technologies, duplicate or “reverse engineer” the proprietary aspects of the Company’s technology.

The Company has one U.S. patent issued with respect to its products. The “Balanced and Synchronized Phase Detector for an AC Induction Motor Controller,” No. 5,821,726, was issued on October 13, 1998 and expires in 2017. This patent covers improvements to the technology under the NASA License Agreement (described below), which were developed by the Company. Management believes this patent protects the Company’s intellectual property position beyond the expiration of the NASA License Agreement.

The Company has filed three utility patents on new inventions associated with the development of its digital products. The Company is continually making improvements to its products and technologies, and anticipates making additional patent filings on new inventions when warranted.

The Company has obtained U.S. Trademark registration of the E-Save Technology® mark.

NASA License Agreement

The Company had been the exclusive United States licensee of certain power factor controller technology owned by the United States of America, as represented by NASA. This license agreement covered the United States and its territories and possessions and did not require the Company to pay royalties to NASA in connection with the Company's sale of products employing technology utilizing the licensed patents. The Company's rights under the license agreement were non-transferable and were not to be sublicensed without NASA's consent. The license agreement terminated on December 16, 2002 upon expiration of all of the licensed patents.

The Company believes its products and other proprietary rights do not infringe any proprietary rights possessed by third parties. There can be no assurance, however, that third parties will not assert infringement claims in the future, the defense costs of which could be substantial.

Government Regulation

The Company is not required to be certified by any government agencies. However, most of the Company's products are manufactured to comply with specific codes that meet industry accepted safety standards. Presently, many of the Company's products are certified to comply with UL 508 Industrial Control Equipment and the Company has also received certification meeting CSA (Canadian Standards Association) B44.1/ASME-17.5 Elevator and Escalator Electrical Equipment for many of the Company's products. Many of the Company's products are also CE marked. The Department of Commerce does not require the Company's technology to be certified for export. The Company's industrial code is 421610 and the SIC code is 5063.

Deregulation of Electrical Energy

Sales of the Company's product are not dependent on deregulation of the electrical energy market as the Company's product can be sold in regulated and deregulated markets.

Research and Development

The Company intends to continue its research and development effort to introduce new products based on its energy saving technology. Towards this end, the Company spent \$953,004 and \$1,016,158 in fiscal years 2009 and 2008, respectively, on research and development activities, virtually none of which was borne by customers. A major focus of the Company's foreseeable research and development activities will be on completing additional features and refinements to the three-phase and single phase products. The Company also anticipates the possibility of working with OEMs that make or purchase motor control equipment, in order to develop products with features or specifications they require.

Effect of Environmental Regulations

The Company is not aware of any federal, state, or local provisions regulating the discharge of materials into the environment or otherwise relating to the protection of the environment with which compliance by the Company has had, or is expected to have, a material effect upon the capital expenditures, earnings, or competitive position of the Company.

Employees

At the date of this document, the Company employs fourteen people. Of this number, two are engaged in accounting and finance, three in operations and general management, three in sales and marketing, and six in product research and development, engineering and manufacturing. At such time as business conditions dictate, the Company may hire additional personnel for, among other things, increased engineering, marketing and sales. The Company has no collective bargaining agreements and considers its relationship with its employees to be good. The Company utilizes consultants in the areas of marketing, product and technology development and finance on a regular basis.

(c) Reports to Security Holders

The Company is a smaller reporting company, and as such files Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q under the scaled disclosure requirements and Current Reports on Form 8-K on a regular basis with the

SEC.

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The public may read and copy any materials the Company files with the SEC at the SEC's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. The public may obtain information on the operation of the Public Reference Room by calling the SEC at 1-800-SEC-0330. The SEC maintains an internet site that contains reports, proxy and information statements, and other information regarding issuers that file electronically with the SEC at <http://www.sec.gov>.

Description of Property

The Company's corporate office space is located at 3960 Howard Hughes Pkwy, Suite 460, Las Vegas, Nevada 89169. The office lease calls for rent of \$11,292 per month, plus annual increases equal to 3%, through the end of the lease term in February 2011.

The Company leases office space at 6380 South Valley View Blvd., Suite 412, Las Vegas, Nevada 89118. The lease calls for rent of \$1,995 plus common area maintenance charges, per month, through the end of the lease term in August 2010. This space is used primarily for research and development.

The Company leases office space at 6380 South Valley View Blvd., Suite 402, Las Vegas, Nevada 89118. The lease calls for rent of \$1,605 plus common area maintenance charges, per month, through the end of the lease term in August 2010. This space is used primarily for manufacturing and warehousing.

Legal Proceedings

None.

MANAGEMENT

INFORMATION ABOUT THE COMPANY'S EXECUTIVE OFFICERS AND DIRECTORS

The following table lists the current executive officers and directors and, in the case of directors, their length of service on the board. Each director is elected to hold office for a term expiring at the first annual meeting of stockholders held following such director's election and until his successor has been elected and qualified, or until his prior resignation or removal. All of the Company's current directors were either appointed by the plurality of votes cast by the holders of our common stock present, or represented, at the 2009 Annual Meeting of the Stockholders in July 2009, or elected by the board. On March 29, 2010, Gregory Curhan resigned from the Board of Directors. Mr. Curhan's resignation is not as a result of any disagreement with the Company on any matter relating to the Company's operations, policies or practices.

Name	Age	Director Since	Position
Steven Z. Strasser	61	2002	C Chairman, Chief Executive Officer
John (BJ) Lackland	39	2002	Di Director, Chief Financial Officer, and Secretary
George Boyadjieff	71	2006	Di Director, Senior Technical Advisor
Douglas M. Dunn	67	2006	Di Director
Richard Morgan	64	2007	Di Director
Gary Rado	70	2005	Di Director
Kenneth Dickey	68	2009	Di Director, Consultant

Director Independence

Pursuant to SEC rules, a majority of our Board of Directors is comprised of independent directors, as defined under Section 121(A) of the New York Stock Exchange Constitution and Rules. Messrs. Boyadjieff, Dickey, Dunn, Morgan and Rado are independent directors. Our audit committee is comprised of Messrs. Dunn, Morgan and Rado; and our compensation committee is comprised of Messrs. Boyadjieff, Dickey and Rado, all of whom are independent directors.

Steven Strasser – Chairman and Chief Executive Officer. Prior to becoming the Company's CEO in October 2004, Mr. Strasser was the Managing Director, founder and majority owner of Summit Energy Ventures LLC, currently the largest stockholder in Power Efficiency Corporation. Summit is a private equity firm focused on investments in companies with energy efficiency technologies. At Summit, Mr. Strasser spent four years, from 2001 through 2005, evaluating and investing in energy technology companies and serving on the boards of portfolio companies. Mr. Strasser has been a director since August 2002.

From 1984 through 2000, Mr. Strasser was the founder and CEO of Northwest Power Enterprises. Over its seventeen-year history, Northwest Power Enterprises and its predecessor companies were involved in multiple aspects of the energy development business. Mr. Strasser received law degrees from McGill University, Montreal, Canada and the University of Washington, Seattle, Washington.

John (BJ) Lackland – Director, Chief Financial Officer, and Secretary. Mr. Lackland became the Company's CFO in October 2004. Mr. Lackland has been the Vice President and Director Summit Energy Ventures since 2001, a private equity firm that is the largest stockholder in Power Efficiency Corporation. Summit focuses on investments in companies with energy efficiency technologies. At Summit, Mr. Lackland evaluated and invested in energy technology companies and served on the boards of portfolio companies. Prior to joining Summit, Mr. Lackland was the Director of Strategic Relations at Encompass Globalization, where he was in charge of strategic alliances and

mergers and acquisitions. Prior to Encompass, he was the Director of Strategic Planning and Corporate Development at an Internet business development consulting company, where he was in charge of strategic planning and investor relations. Mr. Lackland has been an independent consultant to Fortune 1,000 companies and startups. Mr. Lackland also worked at The National Bureau of Asian Research, an internationally acclaimed research company focusing on U.S. policy toward Asia, where he led economic and political research projects for Microsoft, Dell, Compaq and U.S. government agencies. Mr. Lackland has been a director since August 2002.

Mr. Lackland earned an M.B.A. from the University of Washington Business School, an M.A. in International Studies (Asian Studies) from the University of Washington's Jackson School of International Studies, and a B.A. in Politics, Philosophy and Economics from Claremont McKenna College.

George Boyadjieff — Director and Senior Technical Advisor. Mr. Boyadjieff has been a director of the Company since May 2006, and Senior Technical Advisor of the Company since April 2005. Mr. Boyadjieff is the retired CEO of the former Varco International, a New York Stock Exchange traded oil service company with over \$1.3 billion in annual revenues at the time of Mr. Boyadjieff's retirement. Varco has recently merged with National Oil Well to become National Oil Well Varco (NOV). Mr. Boyadjieff joined Varco in 1969 as Chief Engineer and was appointed CEO in 1991. Currently Mr. Boyadjieff is a director of Southwall Technologies, a Silicon Valley hi-tech firm. Mr. Boyadjieff joined Southwall in December 2004.

Mr. Boyadjieff holds over 50 US patents related to oil and gas well drilling equipment. Mr. Boyadjieff holds BS and MS degrees in Mechanical Engineering from the University of California at Berkeley and is a graduate of the University of California at Irvine executive program.

Dr. Douglas Dunn — Dr. Dunn has had an extensive career in research, business and academic leadership. Dr. Dunn served as dean of Carnegie Mellon University's Graduate School of Industrial Administration (now the Tepper School of Business) from July 1996 through June 2002, after which he retired. He began his career at AT&T Bell Laboratories, and his corporate experience culminated in senior positions as a corporate officer leading Federal Regulatory Matters, Regional Government Affairs, and Visual Communications and Multimedia Strategy for AT&T. Dr. Dunn is a board member of Universal Stainless & Alloy Products, Inc. (NasdaqNM: USAP). He holds a Ph.D. in business from the University of Michigan, an MS in industrial management and a BS in physics from the Georgia Institute of Technology.

Richard Morgan – Mr. Morgan is currently Of Counsel to the law firm of Lionel, Sawyer & Collins, and is the Dean Emeritus and a former Professor of Law at the William S. Boyd School of Law at the University of Nevada, Las Vegas, a position he held from September 1, 1997 through June 30, 2007. Mr. Morgan is an experienced legal educator, having served as dean at both the Arizona State University College of Law and the University of Wyoming College of Law. Mr. Morgan earned his B.A. in Political Science at the University of California, Berkeley in 1967. In 1971 he received his J.D. from UCLA, where he was an editor of the UCLA Law Review. He practiced with the Los Angeles law firm of Nossaman, Krueger & Marsh in the corporate/securities areas from 1971 to 1980. He was a professor at the Arizona State University College of Law from 1980 to 1987 and served as associate dean from 1983 to 1987. He was dean at the University of Wyoming College of Law from 1987 to 1990 and returned to the Arizona State University College of Law in 1990, where he served as dean and professor of law until 1997.

Gary Rado – Mr. Rado retired in 2002 after being the President of Casio Inc. USA for 3 years. He joined Casio in 1996 as an EVP to spearhead the move into the digital camera business. Before joining Casio, Mr. Rado was with Texas Instruments Inc. for 21 years. He was the Division Manager of the Consumer Products Division Worldwide and ran the division for 7 years, including two years while based in Europe. This division was responsible for home computer, calculator, and educational products. Mr. Rado earned a Bachelors of Science in Business Administration from Concord College in 1963.

Kenneth Dickey– Mr. Dickey is the co-founder of The Institute of Strategic Mapping, and has spent his extensive career learning how superior results can be achieved from very average businesses and how to translate this winning process into an understandable, reusable format. Mr. Dickey has been retired since February 2002. From October 1999 to February 2002, Mr. Dickey was Vice President Sales-Marketing for Safetronics, where he developed sales and marketing strategies, completed Safetronic's acquisition of Fincor Electric, a manufacturer of variable frequency drives, and ran that business unit. Prior to this, Mr. Dickey was the President/CEO of Cleveland Motion Control,

Dynact Inc., and Motion Science, Inc., from February 1997 to October 1999. Prior to this, Mr. Dickey served as Senior Vice-President Sales for Reliance Electric/Rockwell Automation from 1994 thru 1996. His responsibilities included Sales/Marketing with 76 sales offices (located in the Americas), which generated more than \$900 million in revenue. He also spent 9 years as the Operating General Manager of the Industrial Motor Division at Reliance Electric from 1986 to 1994. Mr. Dickey earned his Bachelor of Science degree in Finance from the University of Akron and an Executive MBA from Case-Western Reserve University.

On March 29, 2010, Gregory Curhan resigned from the Board of Directors. Mr. Curhan's resignation is not as a result of any disagreement with the Company on any matter relating to the Company's operations, policies or practices.

Board of Directors and Committees of the Board

Our business affairs are conducted under the direction of our board of directors. The role of our board of directors is to effectively govern our affairs for the benefit of our stockholders and, to the extent appropriate under governing law, of other constituencies, which include our employees, customers, suppliers and creditors. Our board strives to ensure the success and continuity of our business through the selection of a qualified management team. It is also responsible for ensuring that our activities are conducted in a responsible ethical manner. Our board of directors has two standing committees – an audit committee and a compensation committee.

Our board of directors met eight times in 2009.

We do not have a policy that requires directors to attend our annual meetings of stockholders. All but one of the directors attended the 2009 Meeting of Stockholders on July 16, 2009.

Audit Committee

Douglas Dunn, Richard Morgan and Gary Rado currently serve on our audit committee. Messrs. Dunn, Morgan and Rado are each independent directors as required by Section 301 of the Sarbanes-Oxley Act of 2002, Rule 10A(3)(b)(1) of the Securities Exchange Act of 1934 and Section 121(A) of the New York Stock Exchange Constitution and Rules. Raymond Skiptunis served as the Chairman of our audit committee from January 1 through April 20, 2009. Dr. Dunn, the current Chairman of our audit committee, qualifies as a financial expert. Our audit committee, among other things:

- selects the independent auditors, considering independence and effectiveness;
- receives the written disclosures and the letter from the independent accountant required by applicable requirements of the Public Company Accounting Oversight Board regarding the independent accountant's communications with the audit committee concerning independence, and has discussed with the independent accountant the independent accountant's independence;
- discusses the scope and results of the audit with the independent auditors and reviews with management and the independent auditors our interim and year-end operating results;
- discusses with the independent accountant the matters required to be discussed by Statement on Auditing Standards No. 114 (Communications with Audit Committees);
- considers the adequacy of our internal accounting controls and audit procedures;
- reviews and approves all audit and non-audit services to be performed by the independent auditors; and
- administers the whistleblower policy.

The audit committee has the sole and direct responsibility for appointing, evaluating and retaining our independent auditors and for overseeing their work.

Compensation Committee

Kenneth Dickey, Gary Rado and George Boyadjieff currently serve on our compensation committee. Messrs. Dickey, Rado and Boyadjieff are independent directors as required by SEC Rules and as defined in Section 121(A) of the American Stock Exchange Constitution and Rules. Mr. Dickey serves as the Chairman of our compensation committee. Our compensation committee, among other things:

- recommends to the board of directors the compensation level of the executive officers;
- reviews and makes recommendations to our board of directors with respect to our equity incentive plans;
- establishes and reviews general policies relating to compensation and benefits of our employees.

Committee Interlocks and Insider Participation

None of our executive officers currently serve as a member of the board of directors or compensation committee of any entity that has one or more executive officers serving on our board of directors or compensation committee.

CODE OF ETHICS

The Company has not adopted a code of ethics. The Company has been focused on developing technology, generating sales and raising capital to support operations and consequently has not focused on adopting a code of ethics. In early 2006, the Company developed and implemented an official Employee Manual that requires ethical behavior from its employees, and defines the consequences of unethical behavior by its employees.

Executive Compensation

The following table summarizes compensation information for the last two fiscal years for (i) Mr. Steven Z. Strasser, our Principal Executive Officer and (ii) John (BJ) Lackland, our Principal Financial Officer, who were serving as executive officers at the end of the fiscal year and who we refer to collectively, the Named Executive Officers.

SUMMARY COMPENSATION TABLE

Name and principal position	Year	Salary (\$)	Bonus (\$)	Stock Awards (\$)	Option Awards (\$)	Non-Equity			Total (\$)
						Incentive Plan Compensation (\$)	Nonqualified Deferred Compensation Earnings (\$)	All Other Compensation (\$)	
Steven Z. Strasser(1) Chairman and Chief Executive Officer	2009	\$ 304,730	-	-	-	-	-	-	\$ 304,730
	2008	\$ 311,208	-	-	-	-	-	-	\$ 311,208
John (BJ) Lackland (2) Director and Chief Financial Officer	2009	\$ 177,037	-	-	-	-	-	-	\$ 177,037
	2008	\$ 198,042	-	-	-	-	-	-	\$ 198,042

Narrative Disclosure to Summary Compensation Table

During 2004, we hired the following officers: Steven Strasser, Chief Executive Officer, and John (BJ) Lackland, Chief Financial Officer. Effective June 1, 2005, the Company entered into employment agreements with the above officers. These two individuals comprise our current executive officers. The term of each agreement is five years. In the event of a defined change in control of the Company, each agreement will provide for accelerated vesting of stock options and a cash severance payment equal to 2.99 times the executive's then current salary and previous year's bonus.

The following table sets forth the material financial terms of the agreements for each of our executives as of December 31, 2009:

Name	Salary (1)	Bonus(4)	Common
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		Stock Options(5)
Steven Strasser	\$ 275,000(2)	3,000,000
BJ Lackland	\$ 175,000(3)	1,800,000

-
- (1) To be increased annually by at least 5% of current year's base salary.
- (2) First year's salary to be paid \$60,000 in cash and options to purchase 1,612,500 shares of Common Stock at an exercise price equal to not less than market at date of grant in lieu of remaining cash vesting quarterly over one year.
- (3) First year's salary to be paid \$120,000 in cash and options to purchase 412,500 shares of Common Stock at an exercise price equal to market at date of grant in lieu of remaining cash vesting quarterly over one year.

- (4) At the discretion of the disinterested members of the Board.
(5) Vesting evenly and quarterly over five years.

Outstanding equity awards

OUTSTANDING EQUITY AWARDS AT FISCAL YEAR-END

Name	OPTION AWARDS					STOCK AWARDS			
	Number of Securities Underlying Unexercised Options (#) Exercisable	Number of Securities Underlying Unexercised Options (#) Unexercisable	Equity Incentive Plan Awards: Number of Securities Underlying Unexercised Options (#)	Option Exercise Price (\$)	Option Expiration Date	Number of Shares or Units of Stock That Have Not Vested (#)	Market Value of Shares or Units of Stock That Have Not Vested (\$)	Equity Incentive Plan Awards: Number of Unearned Shares, Units or Other Rights That Have Not Vested (#)	Equity Incentive Plan Awards: Market Payout Value of Unearned Shares, Units or Other Rights That Have Not Vested (\$)
Steven Strasser	2,272,729	300,000	-	\$ 0.22	5/31/2010	-	-	-	-
	2,039,771	-	-	\$ 0.20	5/31/2015	-	-	-	-
	600,000	-	-	\$ 0.65	11/28/2014	-	-	-	-
BJ Lackland	2,032,500	180,000	-	\$ 0.20	5/31/2015	-	-	-	-
	375,000	-	-	\$ 0.65	11/28/2014	-	-	-	-

Stock Option Plan Narrative Disclosure

As of December 31, 2009, we had an aggregate of 17,474,896 shares of Common Stock available for issuance under our stock plans. The following is a description of our plans.

2000 Stock Option and Restricted Stock Plan, or the 2000 Plan

The 2000 Plan was adopted by our board of directors and our stockholders in 2000. On July 16, 2009, the 2000 Plan was amended and restated. As of December 31, 2009, no restricted shares of Common Stock have been issued, and 117,871 of the outstanding options to purchase shares of our Common Stock have been exercised pursuant to the 2000 Plan. There are 17,474,896 options outstanding under the 2000 Plan as of December 31, 2009.

Share Reserve. Under the 2000 Plan, we have initially reserved for issuance an aggregate of 25,000,000 shares.

Administration. The 2000 Plan is administered by the board of directors. The stock option awards qualify as "performance-based-compensation" within the meaning of Section 162(m) of the Internal Revenue Code of 1986, or the Code, with two or more outside directors within the meaning of Section 162(m) of the Code. The board of directors has the power to determine the terms of the awards, including the exercise price, the number of shares subject to each award, the exercisability of the awards and the form of consideration payable upon exercise.

Eligibility. Awards under the 2000 Plan may be granted to any of our employees, directors or consultants or those of our affiliates.

Options. With respect to non-statutory stock options intended to qualify as "performance-based compensation" within the meaning of Section 162(m) of the Code and incentive stock options, the exercise price must be at least equal to the fair market value of our Common Stock on the date of grant. In addition, the exercise price for any incentive stock option granted to any employee owning more than 10% of our Common Stock may not be less than 110% of the fair market value of our Common Stock on the date of grant. The term of any stock option may not exceed ten years, except that with respect to any participant who owns 10% or more of the voting power of all classes of our outstanding capital stock, the term for incentive stock options must not exceed five years.

Stock Awards. The administrator may determine the number of shares to be granted and impose whatever conditions to vesting it determines to be appropriate, including performance criteria. The criteria may be based on financial performance, personal performance evaluations and/or completion of service by the participant. The administrator will determine the level of achievement of performance criteria. Unless the administrator determines otherwise, shares that do not vest typically will be subject to forfeiture or to our right of repurchase, which we may exercise upon the voluntary or involuntary termination of the participant's service with us for any reason, including death or disability.

Adjustments upon Merger or Change in Control. The 2000 Plan provides that in the event of a merger with or into another corporation or a "change in control," including the sale of all or substantially all of our assets, and certain other events, our board of directors (or a committee of the board of directors) may, in its discretion, provide for some or all of:

- assumption or substitution of, or adjustment to, each outstanding award;
- acceleration of the vesting of options and stock appreciation rights;
- termination of any restrictions on stock awards or cash awards; or
- cancellation of awards in exchange for a cash payment to the participant.

Amendment and Termination. The board of directors has the authority to amend, alter or discontinue the 2000 Plan, subject to the approval of the stockholders, but no amendment will impair the rights of any award, unless mutually agreed to between the participant and the administrator.

Compensation of Directors Summary Table

DIRECTOR COMPENSATION

Name (a)	Fees Earned or Paid in Cash (\$)	Stock Awards (\$)	Option Awards (\$)**	Non-Equity Incentive Plan Compensation (\$)	Non-Qualified Deferred Compensation Earnings (\$)	All Other Compensation (\$)	Total (\$)
R Raymond J. Skiptunis*	\$ 4,000	-	\$ 8,250	-	-	-	\$ 12,250
G George Boyadjieff	-	-	\$ 11,000	-	-	-	\$ 11,000
D Douglas M. Dunn	-	-	\$ 13,750	-	-	-	\$ 13,750
Ri Richard Morgan	-	-	\$ 11,000	-	-	-	\$ 11,000
G Gary Rado	-	-	\$ 13,750	-	-	-	\$ 13,750
G Greg Curhan**	-	-	\$ 11,000	-	-	-	\$ 11,000

Kenneth Dickey	-	-	\$ 17,250	-	-	-	\$ 17,250
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* Mr. Skiptunis resigned from the Board of Directors on April 20, 2009.

** Mr. Curhan resigned from the Board of Directors on March 29, 2010.
** Aggregate fair value as of date of grant.

Narrative to Director Compensation

In January 2009, non-employee directors received options to purchase 100,000 shares of common stock per year for their board service, pro-rated for the quarters in the year they served. Employee directors do not receive compensation for serving on the board of directors. The Chairman of the Audit Committee received an additional 50,000 options per year, pro-rated for the quarters in the year he served, and \$1,000 per month for the months in the year he served. This cash payment ended when Mr. Skiptunis resigned as Chairman. The remaining members of the audit committee receive an additional 25,000, prorated for the quarters in the year they served. Depending on the anticipated workload and organization, the board of directors may elect to increase the compensation for committee members and/or all non-executive board members.

Limitation of Liability and Indemnification of Directors and Officers

Our certificate of incorporation provides that the personal liability of our directors shall be limited to the fullest extent permitted by the provisions of Section 102(b)(7) of the General Corporation Law of the State of Delaware, or the DGCL. Section 102(b)(7) of the DGCL generally provides that no director shall be liable personally to us or our stockholders for monetary damages for breach of fiduciary duty as a director, provided that our certificate of incorporation does not eliminate the liability of a director for (i) any breach of the director's duty of loyalty to us or our stockholders; (ii) acts or omissions not in good faith or that involve intentional misconduct or a knowing violation of law; (iii) acts or omissions in respect of certain unlawful dividend payments or stock redemptions or repurchases; or (iv) any transaction from which such director derives improper personal benefit. The effect of this provision is to eliminate our rights and the rights of our stockholders through stockholders' derivative suits on our behalf, to recover monetary damages against a director for breach of her or his fiduciary duty of care as a director including breaches resulting from negligent or grossly negligent behavior except in the situations described in clauses (i) through (iv) above. The limitations summarized above, however, do not affect our or our stockholders' ability to seek non-monetary remedies, such as an injunction or rescission, against a director for breach of her or his fiduciary duty.

In addition, our certificate of incorporation and bylaws provide that we shall, to the fullest extent permitted by Section 145 of the DGCL, indemnify all directors and officers who we may indemnify pursuant to Section 145 of the DGCL. Section 145 of the DGCL permits a company to indemnify an officer or director who was or is a party or is threatened to be made a party to any proceeding because of his or her position, if the officer or director acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the best interests of such company and, with respect to any criminal action or proceeding, had no reasonable cause to believe his or her conduct was unlawful. We have entered into indemnification agreements with our directors and officers consistent with indemnification to the fullest extent permitted under the DGCL.

We maintain a directors' and officers' liability insurance policy covering certain liabilities that may be incurred by our directors and officers in connection with the performance of their duties. The entire premium for such insurance is paid by us.

Insofar as indemnification for liabilities arising under the Securities Act, our directors and officers, and persons controlling us pursuant to the foregoing provisions, we have been informed that in the opinion of the SEC, such indemnification is against public policy as expressed in the Securities Act and is therefore unenforceable.

SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT

Beneficial Ownership

The following table sets forth information as to our shares of common stock beneficially owned as of March 31, 2010 by (i) each person known by us to be the beneficial owner of more than five percent of our outstanding common stock, (ii) each of our directors, (iii) each of our executive officers named in the Summary Compensation Table and (iv) all of our directors and executive officers as a group.

Title of Class	Name of Beneficial Owner(1)	Shares Owned	Percent of Shares Owned(10)
Common Stock	Steven Strasser, CEO, Chairman of the Board	23,974,575(2)	40.58%
Common Stock	John (BJ) Lackland, CFO, Director	2,886,026(3)	6.04%
Common Stock	Gary Rado, Director	867,303(4)	1.89%
Common Stock	George Boyadjieff, Director	3,072,105(5)	6.53%
Common Stock	Douglas Dunn, Director	643,026(6)	1.41%
Common Stock	Richard Morgan, Director	325,000(7)	Less than 1%
Common Stock	Greg Curhan, Director	125,000(8)	Less than 1%
Common Stock	Kenneth Dickey, Director	471,074(9)	1.03%
Common Stock	Summit Energy Ventures, LLC	8,803,901(2)	18.70%
Common Stock	Sarkowsky Family L.P.	8,018,455	16.39%
Common Stock	Ron Boyer	9,851,558	18.85%
Common Stock	Michael J. Goldfarb Enterprises	2,513,685	5.40%
Common Stock	Byron LeBow Family Trust	4,289,370	7.90%
Common Stock	Marathon Hard Asset Fund L.P.	4,289,370	9.05%
Common Stock	Irwin Helford Family Trust	3,341,424	7.06%
Common Stock	All Executive Officers and Directors as a Group (8 persons)	32,364,109	48.99%

(1) Information in this table regarding directors and executive officers is based on information provided by them. Unless otherwise indicated in the footnotes and subject to community property laws where applicable, each of the directors and executive officers has sole voting and/or investment power with respect to such shares. The address for each of the persons reported in the table other than Commerce Energy Group is in care of Power Efficiency Corporation at 3960 Howard Hughes Pkwy, Ste 460, Las Vegas, Nevada 89169.

(2) Includes 9,968,910 common shares and common shares subject to options and warrants exercisable within 60 days of the date hereof held by Summit, in which Steven Strasser is one of two members, 2,010,000 common shares subject to the conversion of 20,100 shares of Series B Preferred Stock, 1,083,334 common shares subject to the conversion of 8,125 shares of Series C-1 Preferred Stock, and 10,912,331 common shares subject to options and warrants which are presently exercisable or will become exercisable within 60 days of the date hereof. Mr. Strasser was also granted an additional 150,000 common shares subject to options which will become exercisable after 60 days of the date hereof. Mr. Strasser's options and warrants expire on various dates from May, 2010 through November, 2015.

(3) Includes 188,526 common shares, 100,000 common shares subject to the conversion of 1,000 shares of Series B Preferred Stock, and 2,597,500 common shares and common shares subject to options and warrants presently exercisable or will become exercisable within 60 days of the date hereof. Mr. Lackland was also granted an additional 90,000 common shares subject to options which will become exercisable after 60 days of the date

hereof. Mr. Lackland's options and warrants expire on various dates from May, 2010 through November, 2015.

- (4) Includes 61,053 common shares, 200,000 common shares subject to the conversion of 2,000 shares of Series B Preferred Stock, and 606,250 common shares subject to options presently exercisable or will become exercisable within 60 days of the date hereof. Mr. Rado was also granted an additional 93,750 common shares subject to options which will become exercisable after 60 days of the date hereof. Mr. Rado's options expire on various dates from September, 2015 through February, 2020.
- (5) Includes 1,122,105 common shares, 400,000 common shares subject to the conversion of 4,000 shares of Series B Preferred Stock, and 1,550,000 common shares subject to options and warrants presently exercisable or will become exercisable within 60 days of the date hereof. Mr. Boyadjieff was also granted an additional 75,000 common shares subject to options which will become exercisable after 60 days of the date hereof. Mr. Boyadjieff's options and warrants expire on various dates from April, 2010 through February, 2020.

- (6) Includes 30,526 common shares, 100,000 common shares subject to the conversion of 1,000 shares of Series B Preferred Stock, and 512,500 common shares subject to options presently exercisable or which will become exercisable within 60 days of the date hereof. Dr. Dunn was also granted an additional 112,500 shares of common stock subject to options which will become exercisable after 60 days of the date hereof. Dr. Dunn's options expire on various dates from May 2016 through February, 2020.
- (7) Includes 325,000 common shares subject to options presently exercisable or which will become exercisable within 60 days of the date hereof. Mr. Morgan was also granted an additional 75,000 common shares subject to options exercisable after 60 days of the date hereof. Mr. Morgan's options expire on various dates from January, 2017 through February, 2020.
- (8) Includes 125,000 common shares subject to options presently exercisable or which will become exercisable within 60 days of the date hereof. Mr. Curhan was also granted an additional 75,000 common shares subject to options exercisable after 60 days of the date hereof. Mr. Curhan's options expire on various dates from March, 2019 through February, 2020.
- (9) Includes 4,407 common shares, 166,667 common shares subject to the conversion of 1,250 shares of Series C-1 Preferred Stock, 300,000 common shares subject to options and warrants presently exercisable or which will become exercisable within 60 days of the date hereof. Mr. Dickey was also granted an additional 75,000 common shares subject to options exercisable after 60 days of the date hereof. Mr. Dickey's options expire on various dates from February, 2012 through February, 2020.
- (10) The percentage for common stock includes all common shares subject to options and warrants exercisable within 60 days of the date hereof.

CERTAIN RELATIONSHIPS AND RELATED PARTY TRANSACTIONS

Relationship with Steven Strasser and Summit

Mr. Strasser, our CEO, owns 99.5% of Summit. As of March 31, 2009, Summit owned 6,803,901 shares of our common stock and 2,000,000 warrants to purchase common stock. In addition, Mr. Strasser owns beneficially 23,974,575 shares of common stock (including those shares beneficially owned by Summit) issued or issuable on the exercise of options and warrants, the conversion of Series B Preferred Stock and the conversion of Series C-1 Preferred Stock, exercisable within 60 days of March 31, 2009.

On March 30, 2010, the Company issued unsecured notes payable to Steven Strasser, the Company's CEO, totaling \$125,000. The notes bear interest at 5%, payable upon maturity. The notes mature two months after issuance.

On February 24, 2010, Mr. Strasser purchased 1,875 shares of Series C-1 Preferred Stock and 93,750 warrants to purchase the Company's common stock for \$75,000 in cash.

On December 11, 2009, Mr. Strasser exchanged 6,250 shares of Series C Preferred Stock into 6,250 shares of Series C-1 Preferred Stock and 312,500 warrants to purchase the Company's common stock.

On September 29, 2009, Mr. Strasser purchased 350,000 shares of common stock, 2,500 shares of Series B Preferred Stock, and 203,062 warrants to purchase the Company's common stock for \$90,000 in cash, from another shareholder

On August 12, 2009, Mr. Strasser purchased 6,250 shares of Series C Preferred Stock and 312,500 warrants to purchase the Company's common stock for \$250,000 in cash

On January 21, 2008, Mr. Strasser purchased 1,600 units, resulting in the issuance of 1,600 shares of Series B Preferred Stock and 80,000 warrants to purchase the Company's common stock, for \$80,000 in cash.

Relationship with John (BJ) Lackland

Mr. Lackland, our CFO, owns 0.5% of Summit. Mr. Lackland owns beneficially 2,886,026 shares of common stock, issued or issuable on the exercise of options and warrants, and the conversion of Series B Preferred Stock, exercisable within 60 days of December 31, 2009.

On September 29, 2009, Mr. Lackland purchased 1,000 shares of Series B Preferred Stock and 50,000 warrants to purchase the Company's common stock for \$15,000 in cash, from another shareholder.

Agreements with Officers and Directors

We will enter and expect to continue to enter into indemnification agreements with our directors and officers. Generally, these agreements attempt to provide the maximum protection permitted by law with respect to indemnification. See "Management — Limitation of Liability and Indemnification of Directors and Officers."

SELLING STOCKHOLDERS

The following table provides certain information with respect to the selling stockholders' beneficial ownership of our common stock as of April 27, 2010 and as adjusted to give effect to the sale of all of the shares of common stock offered by this prospectus. We do not know when or in what amounts the selling stockholders may offer for sale the shares of common stock pursuant to this prospectus. The selling stockholders may choose not to sell any of the shares offered by this prospectus. For purposes of this table, we have assumed the selling stockholders will have sold all of the shares covered by this prospectus upon the completion of the offering.

Beneficial ownership is determined in accordance with the rules of the SEC. In computing the number of shares beneficially owned by a selling stockholder and the percentage of ownership of that selling stockholder, shares of common stock underlying outstanding shares of our Series B Preferred Stock, convertible debentures, options or warrants held by that selling stockholder that are convertible or exercisable, as the case may be, within 60 days from the date of this prospectus are included. Those shares, however, are not deemed outstanding for the purpose of computing the percentage ownership of any other selling stockholder. Each selling stockholder's percentage of ownership in the following table is based upon 40,486,441 shares of common stock outstanding as of April 27, 2010. We will not receive any of the proceeds from the sale of our common stock by the selling stockholders.

Except as noted below, none of these selling stockholders are, or are affiliates of, a broker-dealer registered under the Exchange Act.

Except as described below, to our knowledge, none of the selling stockholders within the past three years has had any material relationship with us or any of our predecessors or affiliates:

Except as described below, to our knowledge, none of the selling stockholders within the past three years has had any material relationship with us or any of our predecessors or affiliates:

Selling Stockholder	Shares of Common Stock Beneficially Owned Prior to Offering Number of Shares(1)	Total Number of Shares of Common Stock Registered for Sale	Shares of Common Stock Beneficially Owned After Offering Number of Shares	Percent
Ron Boyer (2) 6129 SW Sheridan St Portland, OR 97225	9,851,560	5,935,769	3,915,791	9%
Sarkowsky Family L.P. Herman Sarkowsky (3) 1201 3rd Ave, Suite 5450 Seattle, WA 98101	8,004,863	6,069,074	1,935,789	4%
The LaMarque Family Trust Hector LaMarque TTEE 322 Karen Ave # 3604 Las Vegas, NV 89109	1,805,263	1,500,000	305,263	1%

Warren and Cathy Smith Trustees of the Warren and Cathy Smith Revocable Trust U.A. 1648 E. Mira Vista Flagstaff, AZ 86001	340,000	300,000	40,000	*
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Ronald R. Butler 600 108th Street NE, #242 Bellevue, WA 98004	1,111,053	1,050,000	61,053	*
Brett Goldfarb 600 University St. #2912 Seattle, WA 98101	298,598	200,001	98,597	*
Michael J. Goldfarb Enterprises LLC (4) 600 University St. #2912 Seattle, WA 98101	2,513,685	2,300,001	213,684	*
Irwin Helford Family Trust (5) One Hughes Center Drive, #1804 Las Vegas, NV 89169	3,341,424	1,800,000	1,541,424	3%
AP Finance, LLC 152 West 57th Street, 4th Floor New York, NY 10019	13,412	13,412	-	-
Larry S. Spitcaufsky Actring Trustee U/A Dated 04-24-2003 FBO Larry S. Spitcaufsky Second Amended and Restated Revocable Trust PO Box 891 Rancho Santa Fe, CA 92067-0891	532,093	32,093	500,000	1%
Stephen DiMarco 4770 Santa Fe St San Diego, CA 92109	532,093	32,093	500,000	1%
Alan Taylor (8) 23649 Kathryn Street Murrieta, CA 92562	231,419	6,419	225,000	*
Michael Murdock 50 Durango Station Dr. Henderson, NV 89102	106,419	6,419	100,000	*
Brian J. Taylor (8) 23 Viola St. South San Francisco, CA 94040	492,763	75,000	417,763	1%

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Michael A. Saltman and Sonja Saltman 1997 Family Trust One Hughes Center Drive, #1830 Las Vegas, NV 89169	1,319,388	800,001	519,387	1%
Byron LeBow Revocable Family Trust Byron LeBow TTEE (6) One Hughes Center Drive #1104N Las Vegas, NV 89169	3,821,122	2,700,003	1,121,119	2%
Jerome F. Snyder 8628 Scarsdale Dr. Las Vegas, NV 89117	180,526	150,000	30,526	*
PCP Operating LLC Phillip C. Peckman 9525 Hillwood Dr., Suite 160 Las Vegas, NV 89134	1,434,725	782,093	652,632	1%
Fred Chin 3230 South Plaris Avenue Ste. 11 Las Vegas, NV 89102	180,526	150,000	30,526	*
Arthur & Jayn Marshall Family Trust DTD 7/2/1973 (7) Turmberry Place 2877 Paradise Road, No. 1701 Las Vegas, NV 89109	180,526	150,000	30,526	*
Todd Marshall Revocable Trust UAD DTD 04/01/2003 Todd Marshall TTEE (7) PO Box 46470 Las Vegas, NV 89114	180,526	150,000	30,526	*
Cari Marshall Trust UAD DTD 01/09/1995 Cari Marshal TTEE (7) 2012 Grouse Street Las Vegas, NV 89134	180,526	150,000	30,526	*
George Boyadjieff (8)(9) 18772 Colony Circle Villa Park, CA 92861	4,097,105	3,550,000	597,105	1%

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Douglas M. and Karen M. Dunn Trustees; Dunn Family Trust (8) Dated April 7, 2007 11817 Oakland Hills Drive Las Vegas, NV 89141	680,526	150,000	605,526	1%
Alvin Goldfarb 4823 Lake Washington Blvd. NE #3 Kirkland, WA 98033	541,579	450,000	91,579	*
James G. Coyne 3230 South Polaris Avenue, Ste. 11 Las Vegas, NV 89102	180,526	150,000	30,526	*
Gary Rado (8) 16 Chesterfield Drive Warren, NJ 07059	989,553	400,000	652,053	1%
Robert Mullin, Managing Director (10) Marathon Hard Asset Fund, L.P. One Ferry Building, Suite 255 San Francisco, CA 94111	4,289,370	4,000,002	289,368	1%
Donald D. and Dorothy R. Snyder Living Trust 1989 2824 High Sail Ct. Las Vegas, NV 89117	429,708	400,002	29,706	*
Charles Sitkin 1933 38th Avenue East Seattle, WA 98112-3139	71,881	60,000	11,881	*
Edward & Mona Sher 3111 Bel Air Drive Las Vegas, NV 89109	1,093,555	300,000	793,555	2%
Burton M Cohen Trust 3111 Bel Air Drive Unit 14C Las Vegas, NV 89109	88,893	75,000	13,893	*
MSSS Family Partners, L.P. 1912 South Realeza Ct. Las Vegas, NV 89102	584,740	300,000	284,740	1%
The Richard A. Oshins	141,836	120,000	21,836	*

1995 Irrevocable Trust (11)
1645 Village Center Circle
Suite 170
Las Vegas, NV 89134

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The Richard A. Oshins 1990 Irrevocable Trust (11) 1645 Village Center Circle Suite 170 Las Vegas, NV 89134	106,376	90,000	16,376	*
The Ruth S. Oshins 2000 Irrevocable Trust (11) 1645 Village Center Circle Suite 170 Las Vegas, NV 89134	295,902	75,000	220,902	*
The Benjamin Oshins Bypass Trust (11) 1645 Village Center Circle Suite 170 Las Vegas, NV 89134	53,188	45,000	8,188	*
The Edward H. Oshins Revocable Trust (1) 59 John Street New York, NY 10038	141,836	120,000	21,836	*
LUH, Inc. 1001 Lakeside Ave., Suite 900 Cleveland, OH 44114	354,588	300,000	54,588	*
The Lionel Trust Samuel Lionel, Trustee 1700 Bank of America Tower 300 South 4th Street Las Vegas, NV 89101	351,958	300,000	51,958	*
David Heerensperger 96 Cascade Key Bellvue, WA 98006	1,000,002	1,000,002	-	-
Terry L. and Dana A. Wright Living Trust 2001, Terry Wright TTEE 2500 North Buffalo Drive Suite 150 Las Vegas, NV 89128	250,002	250,002	-	-
John "BJ" Lackland (8)(12) 3960 Howard Hughes Pkwy Ste 460 Las Vegas, NV 89169	3,076,026	2,887,500	278,526	1%

Robert Murray TTEE of the RMM Living Trust, Dated 9/11/2006 3960 Howard Hughes Pkwy Ste 460 Las Vegas, NV 89169	238,000	150,000	88,000	*
Sharon Fay Strasser (13) 1 Hughes Center Drive #1004-N Las Vegas, NV 89109	437,502	437,502	-	-
Nevada Trust Company As Custodian F/B/O Mark L Fine Rollover IRA U/A Dated September 24, 1997 Amended November 12, 2002 4043 South Easter Ave. Las Vegas, NV 89193-3685	250,002	250,002	-	-
William S. Boyd Trust II William S. Boyd TTEE 2950 Industrial Road Las Vegas, NV 89109	250,002	250,002	-	-
Herbert Soroca Bear Stearns Securities Corp One Metro Center Brooklyn, NY 11201-3859	44,272	44,272	-	-
Patricia R. Schwarz (13) 740 Pinehurst Way Palm Beach Gardens, FL 33418	44,272	44,272	-	-
David H. Schwartz (13) 740 Pinehurst Way Palm Beach Gardens, FL 33418	44,272	44,272	-	-
Yahia Bagzhouz 4504 Maryland Parkway Box 454026 Las Vegas, NV 89154	24,000	24,000	-	-
Kenneth Dickey (8) 6481 Wooded View Drive Boston Heights, OH 44236	512,074	100,000	462,074	1%

Nicholas Anderson 1536 208th Street Bayside, NY 11360	66,000	66,000	-	-
R. Scott Caputo 1155 Colonial Way Bridgewater, NJ 08807	4,285	4,285	-	-
Norbert Mayer 576 Grassy Hill Road Orange, CT 06477	15,000	15,000	-	-
Scott Straka Hitachi America Ltd. 50 Prospect Ave Tarrytown, NY 10591	14,284	14,284	-	-
Leonard Bellezza 79 Talltimber Rd. Middletown, NJ 07748	89,927	81,284	8,643	*
Art Marsh Blue Mountain Investments 7386 Fairway Lane Parker, CO 80134	1,428	1,428	-	-
Raymond Skiptunis (8) 4459 Via Bianca Ave. Las Vegas, NV 89141	471,039	111,000	360,039	1%
Charles Mataya 2 Locust Drive Helmetta, NJ 08828	30,000	30,000	-	-
Timothy Franzen 260 E. Flamingo Road, #311 Las Vegas, NV 89109	7,143	7,143	-	-
Joan Dziena 865 UN Plaza, #16E New York, NY 10017	1,214	1,214	-	-
Richard Koch 1604 Sound Watch Dr. Wilmington, NC 28409	154,666	106,354	48,312	*

Leon Mayer 547 McKinley Plymouth, MI 48170	50,000	50,000	-	-
Ron Heagle 5533 Bilbao Place Sarasota, FL 34238	100,000	100,000	-	-
Rick Pulford 3000 Town Center, Suite 540 Southfield, MI 48075	168,551	25,000	143,551	*
Don Fields 11642 Deer Forest Road Reston, VA 20194	200,000	200,000	-	-
Nils Weibull 1689 W. Huron River Drive Ann Arbor, MI 48103	118,000	118,000	-	-
Dan Koch 301 W 10th St, Apt 203 Charlotte, NC 28202	39,000	39,000	-	-
Brian Chan (8) 7021 Pipers Ridge Ave Las Vegas, NV 89109	300,000	300,000	-	-
Abacus Solutions 745 5th Avenue New York, NY 10151	100,000	100,000	-	-
Justin Bellezza 500 Washington Avenue Carlstadt, NJ 07072	1,000	1,000	-	-
Steven Sacharoff 500 Washington Avenue Carlstadt, NJ 07072	33,000	33,000	-	-
Bernard Geik 500 Washington Avenue Carlstadt, NJ 07072	33,000	33,000	-	-
Domimick Rizzitano 500 Washington Avenue Carlstadt, NJ 07072	33,000	33,000	-	-

DB Max 8520 Roundhill Ct. Saline, MI 48176	700	700	-	-
Reed Smith LLP P.O. Box 23416 Newark, NJ 07198	150,000	150,000	-	-
Richard A. Ackner 14643 Draft House Lane Wellington, FL 33414	375,000	375,000	-	-
Daniel Anderson 4409 Willow Creek Circle Bellbrook, OH 45305	75,000	75,000	-	-
Bryan Arakelian 7110 N. Fresno Street Suite 410 Fresno, CA 93720	150,000	150,000	-	-
Robert F. Arnold & Susan L. Arnold JR WROS 2 Fielding Street Wakefield, MA 01880	100,000	100,000	-	-
Paul J. Bargiel 100 West Monroe Suite 902 Chicago, IL 60603	112,500	112,500	-	-
John J. Bender 2803 22nd Street S. Lacrosse, WI 54601	300,000	300,000	-	-
Berkowitz and Garfinkel D.D.S., P.A. Employees' Pension Plan D/T/D 7/1/1972 Mark Berkowitz & Eric Garfinkel Trustees 17 Country Club Lane Marlboro, NJ 07746	187,500	187,500	-	-
Lester B. Boelter 50 Shady Oak Court Winona, MN 55987	250,000	250,000	-	-

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Robert H. Brackman 5309 Crave Avenue E Port Orchard, WA 98366	225,000	225,000	-	-
Keith Buhrdorf 4582 South Vister Steet Suite 550 Denver, CO 80237	375,000	375,000	-	-
Jeffrey Davis 383 North West 112th Ave Coral Springs, FL 33071	125,000	125,000	-	-
James Demarco & Rose Demarco JTWROS 274 Rose Avenue Staten Island, NY 10306	375,000	375,000	-	-
Douglas Dotter 3615 West Lawther Drive Dallas, TX 75214	112,500	112,500	-	-
Arun Dua & Satish Dua, JTWROS 25 W. Houston ST. 28 New York, NY 10012	75,000	75,000	-	-
Edward Duffy 178 Hanson Lane New Rochelle, NY 10804	75,000	75,000	-	-
Ahsan Farooqi 54 Kimberly Court S. Brunswick, NJ 08852	187,500	187,500	-	-
William L. Fox & Lynne Fox JT WROS 450 Music Mountain Rd. Falls Village, CT 06031	262,500	262,500	-	-
Bernie J. Gallas 5200 North Diversey Blvd. Suite 204 Milwaukee, WI 53217	375,000	375,000	-	-
Mark T. Hellner 900 West Olive Suite A Merced, CA 95348	1,159,091	1,159,091	-	-

Dr. Paul A. Kaye Family Trust D/T/D 10/06/93 Dr. Paul A. Kaye Trustee 9 Diamonte Lane Rancho Palos Verdes, CA 90275	75,000	75,000	-	-
Brian J. Keller & Debra M. Keller JT WROS 1246 130th Avenue New Richmond, WI 54017	187,500	187,500	-	-
James Kelly 1558 E. County Road 800 N. Ockans, IN 47452	75,000	75,000	-	-
Christopher Kemp 2528 Boulder Lane Auburn Hills, MI 48326	75,000	75,000	-	-
Stephen N. Kitchens & Martha M. Kitchens JTWROS 28 Fox Vale Lane Nashville, TN 37221	175,000	175,000	-	-
Lester Krasno 400 North 2nd Steet Pottsville, PA 17901	150,000	150,000	-	-
Edwin Kriel 2904 Pocock Road Monkton, MD 21111	75,000	75,000	-	-
Daniel J. Lange 20800 Hunters Run Brookfield, WI 53045	187,500	187,500	-	-
Lind Family Investments LP 1000 West Washington St. Suite #502 Chicago, IL 60607	100,000	100,000	-	-

Barry Lind Revocable Trust Barry Lind Trustee U/A/D 12/19/1989 1000 West Washington St. Suite #502 Chicago, IL 60607	500,000	500,000	-	-
National Financial Services LLC As Custodian FBO Lance Lindsey IRA 7700 Blanding Blvd. Jacksonville, FL 32244	600,000	600,000	-	-
Dwight Long 406 Belle Glen Lane Brentwood, TN 37027	375,000	375,000	-	-
Jeffrey S. McCorstin 4750 Blue Mountain Yorba Linda, CA 92887	75,000	75,000	-	-
Glen Miskiewicz Apt. 724 48 Par-La-Ville Road Hamilton HM11 Bermuda	187,500	187,500	-	-
Enrico Monaco 2230 Ocean Avenue Brooklyn, NY 11229	125,000	125,000	-	-
Natchez Morice 12 A West Bank Exwy Gretna, LA 70056	150,000	150,000	-	-
MSB Family Trust D/T/D 6/25/93 Michael Blechman TTEE 295 Shadowood Ln. Northfield, IL 60093	250,000	250,000	-	-
Daniel Navarro Jr. & Richard Navarro JT WROS 2036 Highway 35 North South Amboy, NJ 08879	75,000	75,000	-	-
National Financial Services LLC As Custodian FBO Michael J. Radlove IRA	375,000	375,000	-	-

2748 Blackbird Hollow
Cincinnati, OH 452

Prahalathan Rajasekaran 1 Grosvenor Place London, England SW1X7JJ	187,500	187,500	-	-
Gretchen Kinstler 49-365 Rio Arenoso La Quinto, CA 92253	750,000	750,000	-	-
Lawrence Silver 225 West Hubbard Suite 600 Chicago, IL 60610	250,000	250,000	-	-
Robert A. Snyder & Beverly J. Snyder JT WROS 27297 Forest Grove Road Evergreen, CO 80439	75,000	75,000	-	-
Claire Spooner 111 Seaview Court Neptune, NJ 07753	225,000	225,000	-	-
Henry H. Strauss 12 Howard Avenue Tappan, NY 10983	75,000	75,000	-	-
David Takacs 17073 Snyder Road Bainbridge, OH 44023	150,000	150,000	-	-
Richard Terranova & Vincent Terranova TEN COM 349 Bartlett Avenue Staten Island, NY 10312	375,000	375,000	-	-
William S. Tyrrell 2711 Edgehill Avenue Bronx, NY 10463	262,500	262,500	-	-
Herbert Weisberger 2904 West Clay Street Richmond, VA 23230	112,500	112,500	-	-
Darren R. Williams 17280 Timothy Way Gladstone, OR 97027	75,000	75,000	-	-

Robert A. Yates Shakespeare No 15-1 Piso Cuydad De Mexico Distrito Federal 11590 Mexico	187,500	187,500	-	-
Alan J. Young 1750 Braeside Avenue Northbrook, IL 60062	250,000	250,000	-	-
Jan Arnett 7 Longwood Road Sandspoint, NY 11050	187,500	187,500	-	-
Elliot Braun C/O Atlantic Beverage 3775 Park Avenue Edison, NJ 08820	187,500	187,500	-	-
Larry J. Buck 1624 Brandon Drive Hebron, KY 41048	187,500	187,500	-	-
Keith H. Cooper 5840 De Claire Court Atlanta, GA 30328	100,000	100,000	-	-
Steven Gurewitsch 930 5th Avenue Apt. 3-G New York, NY 10021	112,500	112,500	-	-
Antonio Hernandez 1575 Bengal Drive El Paso, TX 79935	187,500	187,500	-	-
James Herron 601 Cleveland Street Suite 950 Clearwater, FL 33755	75,000	75,000	-	-
Robert W. Higginson 247-F Rosario Blvd. Santa Fe, NM 87501	150,000	150,000	-	-
Don Jackler & Alana Jackler, JTWROS 246 E. 51st Street Suite 8 New York, NY 10022	187,500	187,500	-	-

Donald Mapes 532 Bellepoint Drive St. Pete Beach, FL 33706	75,000	75,000	-	-
Dr. John McPhail 603 Beamon Steet Clinton, NC 28328	375,000	375,000	-	-
Grace Melton 1250 S. Beverly Glen Blvd. #311 Los Angeles, CA 90024	375,000	375,000	-	-
Larry R. Nichols & Janet B. Nichols JT WROS 9348 Burning Tree Dr. Grand Blanc, MI 48439	50,000	50,000	-	-
National Financial Services LLC As Custodian FBO Michael J. Radlove IRA 2748 Blackbird Hollow Cincinnati, OH 45244	187,500	187,500	-	-
Barry Saxe 325 E. 41st Street New York, NY 10017	187,500	187,500	-	-
Theodore Staahl 1329 Spanos Court Modesto, CA 95355	375,000	375,000	-	-
Randolph Stephenson 10316-300 Feld Farm Lane Charlotte, NC 28210	75,000	75,000	-	-
Anthony Yodice 2443 Benson Avenue Brooklyn, NY 11214	375,000	375,000	-	-
Gary Schuman 2425 Olympic Blvd. Ste 500 East Santa Monica, CA 90404	210,000	210,000	-	-

Brooks Dexter 2425 Olympic Blvd. Ste 500 East Santa Monica, CA 90404	90,000	90,000	-	-
Tony Acone 44-489 Town Center Way #D Palm Desert, CA 92260	45,000	45,000	-	-
The Investor Relations Group 11 Stone St. 3rd Floor New York, NY 10004	252,101	252,101	-	-
		58,071,092		

* Less than 1%

- (1) All share numbers are based on information that these selling stockholders supplied to us. The term “selling stockholders” also includes any transferees, pledges, donees, or other successors in interest to the selling stockholders named in the table below. To our knowledge, subject to applicable community property laws, each person named in the table has sole voting and investment power with respect to the shares of common stock set forth opposite such person's name, unless otherwise indicated below. The inclusion of any shares in this table does not constitute an admission of beneficial ownership by the selling stockholder.
- (2) Ron Boyer owns over 6% of our currently outstanding common stock and over 23% of our common stock on a fully diluted basis, including upon conversion of our Series B Preferred Stock and upon conversion or exercise of all outstanding options and warrants within 60 days of the date hereof, and under certain definitions, may be considered an affiliate of our company.
- (3) The Sarkowsky Family L.P. owns over 9% of our outstanding common stock and over 18% of our common stock on a fully diluted basis, including upon conversion of our Series B Preferred Stock and upon conversion or exercise of all outstanding options and warrants within 60 days of the date hereof, and under certain definitions, may be considered an affiliate of our company.
- (4) Michael J. Goldfarb Enterprises LLC owns over 2% of our outstanding common stock and over 7% of our common stock on a fully diluted basis, including upon conversion of our Series B Preferred Stock and upon conversion or exercise of all outstanding options and warrants within 60 days of the date hereof, and under certain definitions, may be considered an affiliate of our company. Michael J. Goldfarb, the managing member of Michael J. Goldfarb Enterprises LLC, is the father of Brett Goldfarb, and the brother of Alvin Goldfarb. Mr. Goldfarb disclaims beneficial ownership of Brett Goldfarb’s and Alvin Goldfarb’s shares.
- (5) The Irwin Helford Family Trust owns over 2% of our outstanding common stock and over 7% of our common stock on a fully diluted basis, including upon conversion of our Series B and Series C-1 Preferred Stock and upon conversion or exercise of all outstanding options and warrants within 60 days of the date hereof, and under certain definitions, may be considered an affiliate of our company.
- (6) The Byron LeBow Revocable Family Trust owns over 2% of our outstanding common stock and over 9% of our common stock on a fully diluted basis, including upon conversion of our Series B and Series C-1 Preferred Stock and upon conversion or exercise of all outstanding options and warrants within 60 days of the date hereof, and under certain definitions, may be considered an affiliate of our company.

(7) Arthur and Jayn Marshall, trustees of the Arthur and Jayn Marshall Family Trust DTD 7/2/1973, are the parents of Todd Marshall and Cari Marshall, trustees of the Todd Marshall Revocable Trust UAD DTD 04/01/2003 and the Cari Marshall Trust UAD DTD 01/09/1995, respectively. Arthur and Jayn Marshall disclaim beneficial ownership of Todd Marshall's and Cari Marshall's beneficial shares.

- (8) Indicates a person that has, within the past three years, served as an employee, officer or director of the company.
- (9) Mr. Boyadjieff has been a Senior Technical Advisor of the Company since April 2005 and a Director of the Company since May 2006. Mr. Boyadjieff owns over 2% of our outstanding common stock and over 7% of our common stock on a fully diluted basis, including upon conversion of our Series B Preferred Stock and upon conversion or exercise of all outstanding options and warrants within 60 days of the date hereof, and under certain definitions, may be considered an affiliate of our company. Mr. Boyadjieff beneficially owns a total of 3,825,000 common shares, common shares issuable upon the exercise of stock options and warrants and common shares issuable upon the conversion of Series B Preferred Stock.
- (10) Mr. Mullin beneficially owns over 3% of our outstanding common stock and over 11% of our common stock on a fully diluted basis, including upon conversion of our Series B Preferred Stock and upon conversion or exercise of all outstanding options and warrants within 60 days of the date hereof, and under certain definitions, may be considered an affiliate of our company. Mr. Mullin is the managing director of Marathon Hard Asset Fund, L.P. Of the 4,000,002 shares beneficially owned by Mr. Mullin, all of the shares are held in the name of Marathon Hard Asset Fund, L.P.
- (11) Richard A. Oshins, trustee of the Richard A. Oshins 1995 Irrevocable Trust and the Richard A. Oshins 1990 Irrevocable Trust, is married to Ruth S. Oshins, trustee of the Ruth S. Oshins 2000 Irrevocable Trust, and is the father of Benjamin Oshins and Edward H. Oshins, trustees of the Benjamin Oshins Bypass Trust and the Edward H. Oshins Revocable Trust, respectively. Richard A. Oshins disclaims beneficial ownership of Ruth S. Oshins', Benjamin Oshins', and Edward H. Oshins' beneficial shares.
- (12) Mr. Lackland has been a Director of the Company since August 2007 and the Chief Financial Officer of the Company since October 2004. Indicates a person that has, within the past three years, served as an employee, officer or director of the company. Mr. Lackland beneficially owns a total of 2,976,026 common shares and common shares issuable upon the conversion of our Series B Preferred Stock and upon exercise of stock options and warrants.
- (13) Sharon Strasser is married to the Company's Chief Executive Officer, Steven Strasser. Mr. Strasser disclaims beneficial ownership of Mrs. Strasser's Shares.
- (14) Patricia Schwartz is married to David Schwartz. Mrs. Schwartz disclaims beneficial ownership to Mr. Schwartz's shares.

DESCRIPTION OF SECURITIES

The following is a summary of the rights of our common and preferred stock and related provisions of our articles of incorporation and our bylaws, as will be in effect upon the closing of this offering. This summary is not complete. For more detailed information, please see our articles of incorporation, bylaws and related agreements, which are filed as exhibits or incorporated by reference to the registration statement of which this prospectus is a part.

Common Stock

We are authorized to issue up to 140,000,000 shares of common stock. As of April 27, 2010 there were 45,077,984 shares of common stock issued and outstanding. Each holder of issued and outstanding shares of our common stock will be entitled to one vote per share on all matters submitted to a vote of our stockholders. Holders of shares of our common stock do not have cumulative voting rights. Therefore, the holders of more than 50% of the shares of our common stock will have the ability to elect all of our directors.

Holders of our common stock are entitled to share ratably in dividends payable in cash, property or shares of our capital stock, when, as and if declared by our Board of Directors. We do not currently expect to pay any cash dividends on our common stock. Upon our voluntary or involuntary liquidation, dissolution or winding up, any assets remaining after prior payment in full of all of our liabilities and after prior payment in full of the liquidation preference of any preferred stock would be paid ratably to holders of our common stock.

Options to Purchase Common Stock

The following table describes the options to purchase shares of our common stock that are outstanding as of April 27, 2010, and that will be outstanding immediately following the offering:

Description	Total Number of Shares Underlying Options Before this Offering	Weighted Average Exercise Price Per Share Before This Offering	Total Number of Shares Underlying Options After This Offering	Weighted Average Exercise Price For Shares After this Offering
2000 Stock Option and Restricted Stock Plan	16,197,396	\$ 0.35	16,197,396	\$ 0.35
1994 Stock Option Plan	-	\$ -	-	\$ -
Total	16,197,396	\$ 0.35	16,197,396	\$ 0.35

The options also contain provisions for the adjustment of the exercise price and the aggregate number of shares issuable upon exercise of the options in the event of stock dividends, stock splits, reorganization, reclassifications and consolidation.

Warrants to Purchase Common Stock

As of the date hereof, there are, and following this offering there will be, 31,447,563 warrants outstanding with exercise prices ranging from \$0.11 to \$2.17 with expiration dates ranging from July 7, 2010 through February 23, 2015.

Certain of the warrants have net exercise provisions under which their respective holders may, in lieu of payment of the exercise price in cash, surrender the warrant and receive a net amount of shares based on the fair market value of our common stock after deduction of the aggregate exercise price. These warrants also contain provisions for the

adjustment of the exercise price and the aggregate number of shares issuable upon exercise of the warrants in the event of stock dividends, stock splits, reorganization, reclassifications and consolidations.

Preferred Stock

We are authorized to issue 10,000,000 shares of preferred stock, \$.001 par value per share. As of April 27, 2010, 140,000 shares of preferred stock have been designated as Series B Preferred, 125,000 shares of preferred stock have been designated as Series C Preferred Stock and 175,000 shares of preferred stock have been designated as Series C-1 Preferred Stock. As of such date all such shares of Series B Preferred Stock are issued and outstanding, no shares of Series C Preferred Stock are issued and outstanding and 32,750 shares of Series C-1 Preferred Stock are issued and outstanding.

Series B Preferred Stock

The Series B Preferred Stock votes with the common stock on an as-converted basis, and is entitled to dividends at a rate of 8% per annum, payable in cash or common stock only when, or if, declared by our Board of Directors.

Each share of Series B Preferred Stock is initially convertible into 100 shares of our common stock at any time at the option of the stockholder. The shares of Series B Preferred Stock are automatically converted into common stock in the event the average closing price of the common stock for any ten day period equals or exceeds \$1.00 per share.

The Certificate of Designations of the Series B Preferred Stock provides that in the event we issue stock in connection with a dividend, distribution, classification, merger or consolidation of the number of shares of common stock that the Series B Stock is convertible into will be adjusted accordingly.

In the event of any dissolution or winding up of the Company, whether voluntary or involuntary, holders of each outstanding share of Series B Preferred Stock will be entitled to be paid pari passu with any other series of preferred stock equal to the Series B Preferred Stock.

Series C Preferred Stock

The Series C Preferred Stock votes with the common stock on an as-converted basis, and is entitled to dividends at a rate of 8% per annum, payable in cash or common stock only when, or if, declared by our Board of Directors.

Each share of Series C Preferred Stock is initially convertible into 100 shares of our common stock at any time at the option of the stockholder. The shares of Series C Preferred Stock are automatically converted into common stock in the event the average closing price of the common stock for any ten day period equals or exceeds \$1.00 per share.

The Certificate of Designation of the Series C Preferred Stock provides that in the event we issue stock in connection with a dividend, distribution, classification, merger or consolidation of the number of shares of common stock that the Series C Stock is convertible into will be adjusted accordingly.

In the event of any dissolution or winding up of the Company, whether voluntary or involuntary, holders of each outstanding share of Series C Preferred Stock will be entitled to be paid pari passu with any other series of preferred stock equal to the Series C Preferred Stock.

As described below, all shares of Series C Preferred Stock were converted into shares of Series C-1 Preferred Stock in connection with such offering.

Series C-1 Preferred Stock

The Series C-1 Preferred Stock votes with the common stock on an as-converted basis, and is entitled to dividends at a rate of 8% per annum, payable in cash or common stock only when, or if, declared by our Board of Directors.

Each share of Series C-1 Preferred Stock is initially convertible into 133 shares of our common stock at any time at the option of the stockholder. The shares of Series C-1 Preferred Stock are automatically converted into common stock in the event the average closing price of the common stock for any ten day period equals or exceeds \$1.00 per share.

The Certificate of Designation of the Series C-1 Preferred Stock provides that in the event we issue stock in connection with a dividend, distribution, classification, merger or consolidation of the number of shares of common stock that the Series C-1 Stock is convertible into will be adjusted accordingly.

In the event of any dissolution or winding up of the Company, whether voluntary or involuntary, holders of each outstanding share of Series C-1 Preferred Stock will be entitled to be paid pari passu with any other series of preferred stock equal to the Series C-1 Preferred Stock.

Registration Rights

Pursuant to the offering which terminated on January 21, 2008, we are obligated to (i) use reasonable best efforts to register by March 21, 2008, the shares of common stock issuable upon the conversion of our Series B Preferred Stock and warrants in a registration statement to be filed by us with the Securities and Exchange Commission and (ii) use our best efforts to cause such registration statement to be declared effective by the Commission by May 20, 2008 and to remain effective without any lapse of 30 or more consecutive days.

Certain Statutory and Charter Provisions Relating to a Change of Control

We are subject to the provisions of Section 203 of the DGCL. In general, this provision prohibits a publicly held Delaware corporation from engaging in a "business combination" with an "interested stockholder" for a period of three years after the date of the transaction in which the person became an interested stockholder.

A "business combination" includes a merger, asset sale, or other transaction resulting in a financial benefit to the interested stockholder. An "interested stockholder" is a person, other than the corporation and any direct or indirect wholly-owned subsidiary of the corporation, who together with the affiliates and associates, owns or, as an affiliate or associate, within three years prior, did own 15% or more of the corporation's outstanding voting stock.

This prohibition is lifted if:

- prior to such date, the corporation's Board of Directors approved either the business combination or the transaction that resulted in the stockholder becoming an interested stockholder;
- upon consummation of the transaction that resulted in such person becoming an interested stockholder, the interested stockholder owned at least 85% of the voting stock of the corporation outstanding at the time the transaction commenced, excluding for purposes of determining the number of shares outstanding, shares owned by certain directors or certain employee stock plans; or
- on or after the date the stockholder became an interested stockholder, the business combination is approved by the corporation's Board of Directors and authorized by the affirmative vote, and not by written consent, of at least two-thirds of the outstanding voting stock of the corporation excluding that owned by the interested stockholder.

Section 203 expressly exempts from the requirements described above any business combination by a corporation with an interested stockholder who becomes an interested stockholder in a transaction approved by the corporation's Board of Directors.

Rule 144

Of the 45,077,984 shares of the Company's common stock outstanding on the date of this report, 33,547,157 shares are freely trading in the market place (the "Free Trading Shares"). The Free Trading Shares are comprised mostly of shares (1) originally issued in private offerings of common stock from June through March 2007, that were later registered in the Company's S-1 Registration Statement (the "Registration Statement"), declared effective on October 10, 2008 and (2) shares originally issued in transactions exempt from registration under the Securities Act.

The remaining 11,530,927 shares of our common stock outstanding are restricted securities as defined in Rule 144 and under certain circumstances may be resold without registration pursuant to Rule 144. These shares include the 9,968,910 shares held by Summit and Steven Strasser in the aggregate, and 1,561,917 shares held by directors and insiders.

In addition, the Company had approximately 31,447,563 common stock purchase warrants outstanding and approximately 16,197,396 common stock options outstanding as of the date of this report, including the warrants issued in connection with the private offer and sale of preferred stock units in 2008 and 2009 (See Note 15 to the Financial Statements). The shares issuable on exercise of the options and warrants may, under certain circumstances, be available for public sale in the open market under the Registration Statement or pursuant to Rule 144, subject to certain limitations.

In general, pursuant to Rule 144, after satisfying a six month holding period: (i) affiliated stockholder (or stockholders whose shares are aggregated) may, under certain circumstances, sell within any three month period a number of securities which does not exceed the greater of 1% of the then outstanding shares of common stock or the average weekly trading volume of the class during the four calendar weeks prior to such sale and (ii) non-affiliated stockholders may sell without such limitations, provided we are current in our public reporting obligations. Rule 144 also permits the sale of securities by non-affiliates that have satisfied a one year holding period without any limitation or restriction. Any substantial sale of the common stock pursuant to Rule 144 may have an adverse effect on the market price of the Company's shares.

Transfer Agent and Registrar

The transfer agent for our common stock is Continental Stock Transfer and Trust, located at 17 Battery Place, New York, New York, 10004.

PLAN OF DISTRIBUTION

Our common stock is currently traded on the OTC Bulletin Board.

All of the shares of our common stock included in this prospectus are for sale by the selling stockholders. We will not receive any proceeds from the sale by the selling stockholders of the shares of common stock pursuant to this prospectus which are already owned by them, or which are to be issued to them upon their conversion of shares of our convertible preferred stock. We will receive cash proceeds from the issuance of shares to selling stockholders on exercise of options or warrants, but not from the resale of any such shares.

The selling stockholders and any of their pledgees, assignees and successors-in-interest, may, from time to time, sell any or all of their shares of our common stock on any stock exchange, market or trading facility on which the shares are traded or in private transactions. These sales may be at fixed or negotiated prices. The selling stockholders may use any one or more of the following methods when selling shares:

- ordinary brokerage transactions and transactions in which the broker-dealer solicits purchasers;
- block trades in which the broker-dealer will attempt to sell the shares as agent but may position and resell a portion of the block as principal to facilitate the transaction;
 - purchases by a broker-dealer as principal and resale by the broker-dealer for its account;
 - an exchange distribution in accordance with the rules of the applicable exchange;
 - privately negotiated transactions;
- settlement of short sales entered into after the date of this prospectus;

- broker-dealers may agree with the selling stockholders to sell a specified number of such shares at a stipulated price per share;
 - a combination of any such methods of sale;
- through the writing or settlement of options or other hedging transactions, whether through an options exchange or otherwise; or
 - any other method permitted pursuant to applicable law.

The selling stockholders may also sell shares under Rule 144, if available, rather than under this prospectus.

NASD Notice to Members 88-101 states that in the event a selling stockholder intends to sell any of the shares registered for resale in this Prospectus through a member of the NASD participating in a distribution of our securities, such member is responsible for insuring that a timely filing is first made with the Corporate Finance Department of the NASD and disclosing to the NASD the following:

- it intends to take possession of the registered securities or to facilitate the transfer of such certificates;
- the complete details of how the selling stockholders shares are and will be held, including location of the particular accounts;
- whether the member firm or any direct or indirect affiliates thereof have entered into, will facilitate or otherwise participate in any type of payment transaction with the selling stockholders, including details regarding any such transactions; and
- in the event any of the securities offered by the selling stockholders are sold, transferred, assigned or hypothecated by any selling stockholder in a transaction that directly or indirectly involves a member firm of the NASD or any affiliates thereof, that prior to or at the time of said transaction the member firm will timely file all relevant documents with respect to such transaction(s) with the Corporate Finance Department of the NASD for review.

Broker-dealers engaged by the selling stockholders may arrange for other brokers-dealers to participate in sales. Broker-dealers may receive commissions or discounts from the selling stockholders (or, if any broker-dealer acts as agent for the purchaser of shares, from the purchaser) in amounts to be negotiated. Each selling stockholder does not expect these commissions and discounts relating to its sales of shares to exceed what is customary in the types of transactions involved.

In connection with the sale of our common stock or interests therein, the selling stockholders may enter into hedging transactions with broker-dealers or other financial institutions, which may in turn engage in short sales of the common stock in the course of hedging the positions they assume. The selling stockholders may, after the date of this prospectus, also sell shares of our common stock short and deliver these securities to close out their short positions, or loan or pledge the common stock to broker-dealers that in turn may sell these securities. The selling stockholders may also enter into option or other transactions with broker-dealers or other financial institutions or the creation of one or more derivative securities which require the delivery to such broker-dealer or other financial institution of shares offered by this prospectus, which shares such broker-dealer or other financial institution may resell pursuant to this prospectus (as supplemented or amended to reflect such transaction).

The selling stockholders and any broker-dealers or agents that are involved in selling the shares may be deemed to be "underwriters" within the meaning of the Securities Act in connection with such sales. In such event, any commissions received by such broker-dealers or agents and any profit on the resale of the shares purchased by them may be deemed to be underwriting commissions or discounts under the Securities Act. Each selling stockholders has informed us that it does not have any agreement or understanding, directly or indirectly, with any person to distribute our common stock. If any of the selling stockholders enter into an agreement with an underwriter to do a firm commitment offering of the shares of our common stock offered by such selling stockholder through this prospectus, if we are aware of such underwriting agreement we will file a post-effective amendment to the registration statement of which this prospectus is a part setting forth the material terms of such underwriting agreement. The selling stockholder may not sell any of the shares in such firm underwriting until such post-effective amendment becomes effective.

Because selling stockholders may be deemed to be "underwriters" within the meaning of the Securities Act, they will be subject to the prospectus delivery requirements of the Securities Act. In addition, any securities covered by this prospectus which qualify for sale pursuant to Rule 144 may be sold under Rule 144 rather than under this prospectus.

Each selling stockholder has advised us that they have not entered into any agreements, understandings or arrangements with any underwriter or broker-dealer regarding the sale of the resale shares. There is no underwriter or coordinating broker acting in connection with the proposed sale of the resale shares by the selling stockholders.

The resale shares will be sold only through registered or licensed brokers or dealers if required under applicable state securities laws. In addition, in certain states, the resale shares may not be sold unless they have been registered or qualified for sale in the applicable state or an exemption from the registration or qualification requirement is available and is complied with.

Under applicable rules and regulations under the Exchange Act, any person engaged in the distribution of the resale shares may not simultaneously engage in market making activities with respect to our common stock for a period of two business days prior to the commencement of the distribution. In addition, the selling stockholders will be subject to applicable provisions of the Exchange Act and the rules and regulations thereunder, including Regulation M, which may limit the timing of purchases and sales of shares of our common stock by the selling stockholders or any other person. We will make copies of this prospectus available to the selling stockholders and have informed them of the need to deliver a copy of this prospectus to each purchaser at or prior to the time of the sale.

We do not know whether any selling stockholder will sell any or all of the shares of common stock registered by the registration statement of which this prospectus forms a part.

We will pay all expenses of the registration of the shares of common stock offered pursuant to this prospectus including SEC filing fees and expenses of compliance with state securities or "blue sky" laws, except that the selling stockholders will pay any underwriting discounts and selling commissions for the sale of their shares. We expect that our expenses for this offering, consisting primarily of legal, accounting and printing expenses, will be approximately \$59,201.

We will indemnify the selling stockholders against liabilities, including some liabilities under the Securities Act, in accordance with registration rights and other agreements entered into by us with the selling stockholders, or the selling stockholders will be entitled to contribution.

Once sold under the registration statement, of which this prospectus forms a part, by any of the selling stockholders, the shares of common stock will be freely tradable in the hands of persons other than our affiliates.

LEGAL MATTERS

Certain legal matters will be passed upon for us by Ellenoff Grossman & Schole LLP, New York, New York.

EXPERTS

The financial statements as of December 31, 2009, and for the year then ended, included in this Prospectus have been so included in reliance on the report of BDO Seidman, LLP, an independent registered public accounting firm (the report contains an explanatory paragraph regarding the Company's ability to continue as a going concern) appearing elsewhere herein, given on the authority of said firm as experts in auditing and accounting.

The balance sheet as of December 31, 2008 and the related statements of operations, changes in stockholders' equity and cash flows for the years ended December 31, 2008 included in this Prospectus have been so included in reliance on the report (which contains an explanatory paragraph relating to the Company's ability to continue as a going concern as described in Note 3 to the financial statements) of Sobel & Co., LLC, independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS

(a) Dismissal of Certifying Accountant

On April 23, 2009, we dismissed Sobel & Co., LLC ("Sobel") as our independent registered public accounting firm. Our audit committee approved the termination of Sobel.

Sobel's audit report dated March 30, 2009 (which was included in the Company's Annual Report on Form 10-K for the year ended December 31, 2008) on our consolidated financial statements as of, and for the years ended, December 31, 2008 and December 31, 2007, did not contain an adverse opinion or a disclaimer opinion, nor was it qualified or modified as to uncertainty, audit scope, or accounting principles, except the audit report contained a separate paragraph stating:

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The accompanying financial statements have been prepared assuming that the Company will continue as a going concern. As discussed in Note 3 to the financial statements, the Company has suffered recurring losses from operations, and the Company has experienced a deficiency of cash from operations. These matters raise substantial doubt as to the Company's ability to continue as a going concern. Management's plans in regard to these matters are also discussed in Note 3. The financial statements do not include any adjustments that might result from the outcome of these uncertainties.

During our two most recent fiscal years and the subsequent interim period through April 23, 2009, there were no disagreements with Sobel on any matter of accounting principles or practices, financial statement disclosure, or auditing scope or procedure which disagreement, if not resolved to Sobel's satisfaction, would have caused Sobel to make reference to the subject matter of the disagreement in connection with its report. There were no "reportable events" as defined in Item 304(a)(1)(v) of Regulation S-K during our two most recent fiscal years and the subsequent interim period through April 23, 2009.

We provided Sobel with a copy of the foregoing disclosures and requested Sobel to furnish us a letter addressed to the Securities and Exchange Commission stating whether or not it agrees with the above statements. Such letter states Sobel's agreement with the foregoing statements.

(b) Engagement of New Certifying Accountant

On April 27, 2009, our audit committee approved the engagement of BDO Seidman, LLP ("BDO Seidman") as our new independent registered public accounting firm. We have not consulted with BDO Seidman during our two most recent fiscal years or during the subsequent interim period through April 27, 2009 regarding the application of accounting principles to a specific completed or proposed transaction, or the type of audit opinion that might be rendered on our financial statements, or as to any disagreement or reportable event as described in Item 304(a)(1)(iv) and Item 304(a)(1)(v) of Regulation S-K.

WHERE YOU CAN FIND MORE INFORMATION

This prospectus is a part of the registration statement filed on Form S-1 with the SEC. The registration statement contains more information about us and our common stock than this prospectus, including exhibits and schedules. You should refer to the registration statement for additional information about us and our common stock being offered in this prospectus. Statements contained in this prospectus as to the contents of any contract or other document referred to in this prospectus are not necessarily complete and, where that contract is an exhibit to the registration statement, each statement is qualified in all respects by reference to the exhibit to which the reference relates.

We are subject to the information and reporting requirements of the Exchange Act and, in accordance therewith, file reports and other information with the SEC. You may read and copy any document that we file at the SEC's public reference facilities at 450 Fifth Street N.W., Room 1024, Washington, D.C. 20549. Please call the SEC at 1-800-732-0330 for more information about its public reference facilities. Our SEC filings are also available to you free of charge at the SEC's web site at <http://www.sec.gov>. Information about us may be obtained from our website www.powerefficiencycorp.com. Copies of our SEC filings are available free of charge on the website as soon as they are filed with the SEC through a link to the SEC's EDGAR reporting system. Simply select the "Investors" menu item, then click on the "SEC Filings" link.

POWER EFFICIENCY CORPORATION

FINANCIAL STATEMENTS

DECEMBER 31, 2009 AND 2008

POWER EFFICIENCY CORPORATION

DECEMBER 31, 2009 AND 2008

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REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

Board of Directors
Power Efficiency Corporation
Las Vegas, Nevada

We have audited the accompanying balance sheet of Power Efficiency Corporation as of December 31, 2009 and the related statement of operations, changes in stockholders' equity and cash flows for the year then ended. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. The Company is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. Our audit included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Power Efficiency Corporation at December 31, 2009 and the results of its operations and its cash flows for the year then ended in conformity with accounting principles generally accepted in the United States of America.

The accompanying financial statements have been prepared assuming that the Company will continue as a going concern. As discussed in Note 2 to the financial statements, the Company has suffered recurring losses from operations and has a working capital deficiency that raise substantial doubt about its ability to continue as a going concern. Management's plans in regard to these matters are also described in Note 2. The financial statements do not include any adjustments that might result from the outcome of this uncertainty.

/s/BDO Seidman LLP

Las Vegas, Nevada
March 30, 2010

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

Board of Directors
Power Efficiency Corporation
Las Vegas, Nevada

We have audited the accompanying balance sheet of Power Efficiency Corporation, (a Delaware corporation) (the "Company") as of December 31, 2008, and the related statements of operations, changes in stockholders' equity, and cash flows for each of the year ended December 31, 2008. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. The Company is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. Our audit included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Power Efficiency Corporation at December 31, 2008 and the results of its operations and its cash flows for the years ended December 31, 2008 in conformity with accounting principles generally accepted in the United States of America.

The accompanying financial statements have been prepared assuming that the Company will continue as a going concern. As discussed in Note 2 to the financial statements, the Company has suffered recurring losses from operations, and the Company has experienced a deficiency of cash from operations. These matters raise substantial doubt as to the Company's ability to continue as a going concern. Management's plans in regard to these matters are also discussed in Note 2. The financial statements do not include any adjustments that might result from the outcome of these uncertainties.

/s/Sobel & Co., LLC
Certified Public Accountants

March 30, 2009
Livingston, New Jersey

POWER EFFICIENCY CORPORATION
BALANCE SHEETS

	December 31,	
	2009	2008
ASSETS		
CURRENT ASSETS:		
Cash	\$ 247,564	\$ 2,100,013
Accounts receivable, net of allowance of \$28,861 in 2009 and \$26,082 in 2008	66,143	44,159
Inventories	281,253	246,020
Prepaid expenses	36,437	47,165
Total Current Assets	631,397	2,437,357
PROPERTY AND EQUIPMENT, Net	86,533	144,967
OTHER ASSETS:		
Deposits	26,914	38,206