

PIONEER POWER SOLUTIONS, INC.
Form 424B5
September 21, 2015

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Registration No. 333-194647

The information in this preliminary prospectus supplement is not complete and may be changed. A registration statement relating to these securities has been declared effective by the Securities and Exchange Commission. This preliminary prospectus supplement and the accompanying prospectus are not an offer to sell these securities, and we are not soliciting offers to buy these securities, in any state where the offer or sale is not permitted.

PROSPECTUS SUPPLEMENT (Subject to Completion) Dated September 21, 2015
(To Prospectus dated May 9, 2014)

Shares

Common Stock

We are offering _____ shares of our common stock. Our common stock is listed for trading on The NASDAQ Capital Market under the symbol "PPSI." On September 18, 2015, the last reported sale price of our common stock was \$6.40 per share.

Our business and an investment in our common stock involve significant risks. These risks are described under the caption "Risk Factors" beginning on page S-3 of this prospectus supplement and page 5 of the accompanying prospectus and in the documents incorporated by reference into this prospectus supplement.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus supplement or the accompanying prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

Per Share Total

Public offering price	\$	\$
Underwriting discount ⁽¹⁾	\$	\$
Proceeds, before expenses, to us	\$	\$

(1) We refer you to “Underwriting” beginning on page S-20 of this prospectus supplement for additional information regarding total underwriting compensation.

Certain of our directors have indicated an interest in purchasing shares of our common stock in this offering. However, because indications of interest are not binding agreements or commitments to purchase, these directors may determine to purchase fewer shares than they indicate an interest in purchasing or determine not to purchase any shares in this offering. In addition, the underwriters may determine to sell fewer shares to these directors than they indicate an interest in purchasing or determine not to sell any shares to them.

The underwriters may also purchase up to an additional _____ shares of common stock from us at the public offering price, less the underwriting discount, within 30 days of the date of this prospectus supplement to cover over-allotments. If the underwriters exercise this option in full, the total discount will be \$ _____, and the total net proceeds to us, before expenses, will be \$ _____.

The underwriters expect to deliver the shares of common stock against payment in New York, New York on or about _____, 2015.

Sole Book-Running Manager

Roth Capital Partners

Co-Manager

Monarch Capital Group

The date of this prospectus supplement is _____, 2015.

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ABOUT THIS PROSPECTUS SUPPLEMENT

This prospectus supplement and the accompanying prospectus are part of a registration statement that we filed with the U.S. Securities and Exchange Commission utilizing a “shelf” registration process. This document is in two parts. The first part is this prospectus supplement, which describes the specific terms of this common stock offering and also adds to and updates information contained in the accompanying prospectus and the documents incorporated by reference herein. The second part, the accompanying prospectus, provides more general information. Generally, when we refer to this prospectus, we are referring to both parts of this document combined. To the extent there is a conflict between the information contained in this prospectus supplement and the information contained in the accompanying prospectus or any document incorporated by reference therein filed prior to the date of this prospectus supplement, you should rely on the information in this prospectus supplement; provided that if any statement in one of these documents is inconsistent with a statement in another document having a later date—for example, a document incorporated by reference in the accompanying prospectus—the statement in the document having the later date modifies or supersedes the earlier statement.

We further note that the representations, warranties and covenants made by us in any agreement that is filed as an exhibit to any document that is incorporated by reference herein were made solely for the benefit of the parties to such agreement, including, in some cases, for the purpose of allocating risk among the parties to such agreements, and should not be deemed to be a representation, warranty or covenant to you. Moreover, such representations, warranties or covenants were accurate only as of the date when made. Accordingly, such representations, warranties and covenants should not be relied on as accurately representing the current state of our affairs.

You should rely only on the information contained in this prospectus supplement, the accompanying prospectus, any free writing prospectus or incorporated by reference herein. We have not authorized, and the underwriters have not authorized, anyone to provide you with different or additional information. The information contained in this prospectus supplement, the accompanying prospectus, any free writing prospectus or incorporated by reference herein or therein is accurate only as of the respective dates thereof, regardless of the time of delivery of this prospectus supplement and the accompanying prospectus or of any sale of our common stock. Our business, financial condition, results of operations and prospects may have changed since those dates. It is important for you to read and consider all information contained in this prospectus supplement and the accompanying prospectus, including the documents incorporated by reference herein and therein, in making your investment decision. You should also read and consider the information in the documents to which we have referred you in the sections entitled “Where You Can Find More Information” and “Incorporation of Certain Information By Reference” in this prospectus supplement and in the accompanying prospectus, respectively.

We are offering to sell, and seeking offers to buy, shares of our common stock only in jurisdictions where offers and sales are permitted. The distribution of this prospectus supplement and the accompanying prospectus and the offering of the common stock in certain jurisdictions may be restricted by law. Persons outside the U.S. who come into possession of this prospectus supplement and the accompanying prospectus must inform themselves about, and observe any restrictions relating to, the offering of the common stock and the distribution of this prospectus supplement and the accompanying prospectus outside the U.S. This prospectus supplement and the accompanying prospectus do not constitute, and may not be used in connection with, an offer to sell, or a solicitation of an offer to buy, any securities offered by this prospectus supplement and the accompanying prospectus by any person in any jurisdiction in which it is unlawful for such person to make such an offer or solicitation.

This prospectus supplement, the accompanying prospectus, and the information incorporated herein and therein by reference includes trademarks, service marks and trade names owned by us or other companies. All trademarks, service marks and trade names included or incorporated by reference into this prospectus supplement or the accompanying prospectus are the property of their respective owners.

All references in this prospectus supplement and the accompanying prospectus to “Pioneer,” the “Company,” “we,” “us,” “our,” or similar references refer to Pioneer Power Solutions, Inc., a Delaware corporation, and its subsidiaries taken as a whole, except where the context otherwise requires or as otherwise indicated.

PROSPECTUS SUPPLEMENT SUMMARY

This summary highlights selected information about us, this offering and information appearing elsewhere in this prospectus supplement, in the accompanying prospectus and in the documents incorporated by reference herein and therein. This summary is not complete and does not contain all the information you should consider before investing in our common stock pursuant to this prospectus supplement and the accompanying prospectus. Before making an investment decision, to fully understand this offering and its consequences to you, you should carefully read this entire prospectus supplement and the accompanying prospectus, and any free writing prospectus we have authorized for use in connection with this offering, including “Risk Factors,” the financial statements, and related notes, and the other information incorporated by reference herein and therein.

Company Overview

We manufacture, sell and service a broad range of specialty electrical transmission, distribution and on-site power generation equipment for applications in the utility, industrial, commercial and backup power markets. Our principal products and services include custom-engineered electrical transformers, switchgear and engine-generator sets and controls, complemented by a national field-service network to maintain and repair power generation assets. We are headquartered in Fort Lee, New Jersey and operate from 14 additional locations in the U.S., Canada and Mexico for manufacturing, service, centralized distribution, engineering, sales and administration.

Our largest customers, which include a number of recognized national and regional utilities, industrial companies and engineering, procurement and construction firms, are located in North America. In addition, we sell our products through hundreds of electrical distributors served by our network of stocking locations throughout the U.S. and Canada. We intend to grow our business through expansion of our sales and marketing activities to address new customers and end markets, and acquisitions.

Description of Business Segments

Our operations are divided into two reportable segments: Transmission & Distribution Solutions (“T&D Solutions”) and Critical Power Solutions (“Critical Power”).

Our T&D Solutions business provides equipment solutions that help customers effectively and efficiently manage their electrical power distribution systems to desired specifications. The reporting segment is comprised of two primary product categories: electrical transformers and switchgear. These solutions are marketed principally through our Pioneer Transformers Ltd., Jefferson Electric, Inc. and Pioneer CEP brand names.

Our Critical Power Solutions business provides customers with sophisticated power generation equipment, switchgear, related electrical distribution infrastructure and an advanced data collection and monitoring platform, the combination of which is used to ensure smooth, uninterrupted power to operations during times of emergency. The reporting segment is comprised of two primary product categories and one main service category: engine-generator sets, switchgear and controls, and preventative maintenance and monitoring services. These solutions are marketed by our operations headquartered in Minneapolis, currently doing business under the Pioneer Critical Power Inc. and Titan Energy Systems Inc. (“Titan”) brand names.

Corporate Information

We are a Delaware corporation that was originally formed in the State of Nevada in 2008. On November 30, 2009, we merged with and into Pioneer Power Solutions, Inc., a Delaware corporation, for the sole purpose of changing our state of incorporation from Nevada to Delaware and changing our name to “Pioneer Power Solutions, Inc.”

Our principal executive offices are located at 400 Kelby Street, 12th Floor, Fort Lee, New Jersey, 07024. Our telephone number is (212) 867-0700. Our website address is www.pioneerpowersolutions.com. Information on or accessed through our website is not a part of, and is not incorporated into, this prospectus supplement or the accompanying prospectus.

THE OFFERING

Issuer	Pioneer Power Solutions, Inc.
Common stock offered by us	shares
Common stock outstanding immediately after this offering	shares (if the underwriters exercise the over-allotment option in full)
Over-allotment option	We have granted the underwriters an option to purchase up to an aggregate of additional shares of our common stock to cover any over-allotments. This option is exercisable, in whole or in part, for a period of 30 days from the date of this prospectus supplement.
Use of proceeds	We plan to use the net proceeds of this offering to repay a portion of our outstanding borrowings under our revolving credit facilities with Bank of Montreal and for general working capital purposes. See “Use of Proceeds” beginning on page S-17 of this prospectus supplement.
Risk factors	You should carefully read and consider the information beginning on page S-3 of this prospectus supplement and page 5 of the accompanying prospectus set forth under the headings “Risk Factors” before deciding to invest in our common stock.
NASDAQ Capital Market symbol	PPSI

Certain of our directors have indicated an interest in purchasing shares of our common stock in this offering. However, because indications of interest are not binding agreements or commitments to purchase, these directors may determine to purchase fewer shares than they indicate an interest in purchasing or determine not to purchase any shares in this offering. In addition, the underwriters may determine to sell fewer shares to these directors than they indicate an interest in purchasing or determine not to sell any shares to them.

The number of shares to be outstanding after this offering is based on 7,405,962 shares of our common stock outstanding as of September 21, 2015 and excludes as of that date:

50,600 shares of common stock issuable upon the exercise of currently outstanding warrants with an exercise price of \$7.00 per share;

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349,400 shares of common stock issuable upon the exercise of currently outstanding options with exercise prices ranging from \$4.11 to \$16.25 and having a weighted average exercise price of \$9.34 per share; and

320,600 shares of common stock available for future issuance under our 2011 Long-Term Incentive Plan.

Except as otherwise indicated, all information in this prospectus supplement assumes no exercise of the underwriters' overallotment option to purchase additional shares of common stock.

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RISK FACTORS

An investment in our common stock involves a high degree of risk. Before deciding whether to invest in our common stock, you should consider carefully the risks described below, together with other information in this prospectus supplement, the accompanying prospectus, the information and documents incorporated herein and therein by reference, and in any free writing prospectus that we have authorized for use in connection with this offering. If any of these risks actually occurs, our business, financial condition, results of operations or cash flow could be seriously harmed, which may cause the trading price of our common stock to decline and the loss of all or part of your investment. These risks and uncertainties are not the only ones facing us. Additional risks and uncertainties not presently known to us, or that we currently see as immaterial, may also harm our business. Please also read carefully the section below entitled “Special Note Regarding Forward-Looking Statements.”

Risks Relating to Our Business and Industry

We are vulnerable to economic downturns in the commercial construction market, which may reduce the demand for some of our products and adversely affect our sales, earnings, cash flow or financial condition.

A large portion of our business involves sales of our products in connection with commercial and industrial construction. Our sales to this sector are affected by the level of discretionary business spending. During economic downturns in this sector, the level of business discretionary spending may decrease. This decrease in spending will likely reduce the demand for some of our products and may adversely affect our sales, earnings, cash flow or financial condition.

The commercial and industrial building and maintenance sectors began to experience a significant decline in 2008. The downturn in these segments contributed to a decline in the demand for our T&D Solutions, particularly our standard distribution transformers and general purpose switchgear products, as well as a decline in demand for power generation equipment distributed by our Critical Power Solutions reporting unit. We cannot predict the timing, duration or severity of another such downturn in these segments which may adversely impact sales, earnings and cash flow.

Our operating results may vary significantly from quarter to quarter, which makes our operating results difficult to predict and can cause our operating results in any particular period to be less than comparable quarters and expectations from time to time.

Our quarterly results may fluctuate significantly from quarter to quarter due to a variety of factors, many of which are outside our control and have the potential to materially and adversely affect our results. Factors that affect our operating results include the following:

- the size, timing and terms of sales and orders, especially large customer orders;
- variations caused by customers delaying, deferring or canceling purchase orders or making smaller purchases than expected;
- the timing and volume of work under new agreements;
- the spending patterns of customers;
- customer orders received;
- a change in the mix of our products having different margins;
- a change in the mix of our customers, contracts and business;
- increases in design and manufacturing costs;
- the length of our sales cycles;
- the rates at which customers renew their contracts with us;
- changes in pricing by us or our competitors, or the need to provide discounts to win business;
- a change in the demand or production of our products caused by severe weather conditions;
- our ability to control costs, including operating expenses;
- losses experienced in our operations not otherwise covered by insurance;
- the ability and willingness of customers to pay amounts owed to us;
- the timing of significant investments in the growth of our business, as the revenue and profit we hope to generate from those expenses may lag behind the timing of expenditures;
- costs related to the acquisition and integration of companies or assets;
- general economic trends, including changes in equipment spending or national or geopolitical events such as economic crises, wars or incidents of terrorism; and
- future accounting pronouncements and changes in accounting policies.

Accordingly, our operating results in any particular quarter may not be indicative of the results that you can expect for any other quarter or for an entire year.

Our industry is highly competitive.

The electrical equipment manufacturing industry is highly competitive. Principal competitors in our markets include ABB Ltd., Carte International, Inc., Eaton Corporation plc, Emerson Electric Company, General Electric Company, Hammond Power Solutions Inc., Howard Industries, Inc., Partner Technologies, Inc., Russelectric, Inc. and Schneider Electric SA. Many of these competitors, as well as other companies in the broader electrical equipment manufacturing and service industry where we expect to compete, are significantly larger and have substantially greater resources than we do and are able to achieve greater economies of scale and lower cost structures than us and may, therefore, be able to provide their products and services to customers at lower prices than we are able to. Moreover, our competitors could develop the expertise, experience and resources to offer products that are superior in both price and quality to our products. While we seek to compete by providing more customized, highly-engineered products, there are few technical or other barriers to prevent much larger companies in our industry from putting more emphasis on this same strategy. Similarly, we cannot be certain that we will be able to market our business effectively in the face of competition or to maintain or enhance our competitive position within our industry, maintain our customer base at current levels or increase our customer base. Our inability to manage our business in light of the competitive forces we face could have a material adverse effect on our results of operations.

Because we currently derive a significant portion of our revenues from two customers, any decrease in orders from these customers could have an adverse effect on our business, financial condition and operating results.

We depend on Hydro-Quebec Utility Company and Siemens Industry, Inc. for a large portion of our business, and any change in the level of orders from Hydro-Quebec Utility Company or Siemens Industry, Inc., has, in the past, had a significant impact on our results of operations. In particular, Hydro-Quebec Utility Company represented approximately 13% and 19% of our net sales in the years ended December 31, 2014 and 2013, respectively. In addition, Siemens Industry, Inc. accounted for 10% and 12% of our net sales in the years ended December 31, 2014 and 2013, respectively. Our long term supply agreement with Hydro-Quebec Utility Company has an initial term expiring in February 2017, and a one-year extension option at Hydro-Quebec Utility Company's election. We therefore cannot assure you that Hydro-Quebec Utility Company will continue to purchase transformers from us in quantities consistent with the past or at all. In addition, our pricing agreement with Siemens Industry, Inc. does not obligate Siemens Industry, Inc. to purchase transformers from us in quantities consistent with the past or at all. In late August 2015, Siemens Industry, Inc. commenced a competitive bidding process for the supply of distribution transformers designed to comply with new U.S. Department of Energy efficiency standards coming into effect as of January 1, 2016. These higher-efficiency transformers will replace certain designs currently supplied by us to Siemens Industry, Inc. Following this competitive bidding process, we were informed by Siemens Industry, Inc. that we have retained our primary position to supply distribution transformers beginning in 2016, but there can be no assurance that the terms of our new pricing agreement with Siemens Industry, Inc. will be at least as favorable to us as our prior one. If

either Hydro-Quebec Utility Company or Siemens Industry, Inc. was to cancel, significantly delay or significantly reduce the amount of business it does with us for any reason, there would be a material adverse effect on our business, financial condition and operating results.

The departure or loss of key personnel could disrupt our business.

We depend heavily on the continued efforts of Nathan J. Mazurek, our principal executive officer, and on other senior officers who are responsible for the day-to-day management of our five operating subsidiaries. In addition, we rely on our current electrical and mechanical design engineers, along with trained coil winders and field service technicians, many of whom are important to our operations and would be difficult to replace. We cannot be certain that any of these individuals will continue in their respective capacities for any particular period of time. The departure or loss of key personnel, or the inability to hire and retain qualified employees, could negatively impact our ability to manage our business.

Any acquisitions that we have completed, or may complete in the future, may not perform as planned and could disrupt our business and harm our financial condition and operations.

In an effort to effectively compete in the specialty electrical equipment manufacturing and service businesses, where increasing competition and industry consolidation prevail, we have sought to acquire complementary businesses in the past and will continue to do so in the future. In the event of any future acquisitions, we could:

- issue additional securities that would dilute our current stockholders' percentage ownership or provide the purchasers of the additional securities with certain preferences over those of common stockholders, such as dividend or liquidation preferences;
- incur debt and assume liabilities; and
- incur large and immediate write-offs of intangible assets, accounts receivable or other assets.

These events could result in significant expenses and decreased revenue, which could adversely affect the market price of our common stock. In addition, integrating product and service acquisitions and completing any future acquisitions involve numerous operational and financial risks. These risks include difficulty in assimilating acquired operations, diversion of management's attention, and the potential loss of key employees or customers of acquired operations. Furthermore, companies acquired by us may not generate financial results consistent with our management's plans at the time of acquisition.

For example, in mid-2010 we acquired substantially all the assets and the capital stock of a company to form Pioneer Wind Energy Systems Inc., a business that sought to provide project integration solutions, including equipment sales, procurement, after-sales services and financing to community wind and industrial customers. In September 2011, following weak domestic wind energy market conditions, combined with our inability to effectively redesign this business' operating model, we decided to discontinue this business. On a cumulative basis, from formation through to the discontinuation of Pioneer Wind Energy Systems Inc., our results from operations were impacted by a cumulative net loss of \$3.0 million. Also, in July 2011, we acquired all the capital stock of Bemag Transformer Inc., a Quebec-based manufacturer of low and medium voltage dry-type transformers and custom magnetics. During the fourth quarter and year ended December 2014, the Bemag reporting unit had lower sales and cash flows than previously projected and its business outlook turned significantly more challenging during the fourth quarter. As a result, the reporting unit recognized \$1.4 million in non-cash charges for goodwill and intangible asset impairments that were driven primarily by a downturn in Canada's natural resource sector and expected future capital spending on products manufactured by the reporting unit. This downturn accelerated dramatically during the fourth quarter of 2014 as measured by the price of oil, and a devaluation of the Canadian dollar, the latter of which directly resulted in higher costs for the reporting unit's key raw material inputs. Accordingly, we revised our outlook and valuation of the reporting unit, and the consequential impairment charges reflect an updated forecast that assumes a slower rate of revenue growth and lower near-term profit margins than anticipated at the time the reporting unit was acquired in 2011. Due to economic conditions in Canada that have continued to deteriorate, in August 2015, we announced a plan to significantly restructure the business of Bemag Transformer Inc. and consolidate all of its dry-type transformer production activities by June 2016 to a new, larger, state-of-the art facility in Reynosa, Mexico. The new facility will be near our existing location in Reynosa, which we intend to vacate by the second quarter of 2016. We anticipate that

this restructuring plan will result in restructuring charges, and that incremental capital expenditures will be required.

We may not be able to expand our business through strategic acquisitions, and internal growth initiatives facilitated by acquisitions, which could decrease our profitability.

A key element of our strategy is to pursue strategic acquisitions that either expand or complement our business in order to increase revenue and earnings. We may not be able to identify additional attractive acquisition candidates on terms favorable to us or in a timely manner. We may require additional debt or equity financing for future acquisitions, which may not be available on terms favorable to us, if at all. Moreover, we may not be able to integrate any acquired businesses into our business or to operate any acquired businesses profitably. Recently acquired businesses may operate at lower profit margins, which could negatively impact our results of operations. Each of these factors may contribute to our inability to grow our business through strategic acquisitions, which could ultimately result in increased costs without a corresponding contemporary increase in revenues, which would result in decreased profitability.

For example, our Pioneer CEP reporting unit, which was established through an acquisition in August 2013, generated an operating loss of approximately \$1.2 million during the year ended December 2014. In addition, our strategic sales group, initiated in March 2013 to market the full breadth of our company-wide solutions to increase our penetration of certain sales channels and end markets, generated an operating loss of \$0.7 million during the year ended December 2014. While we believe these operations are instrumental to enhancing our long-term revenue and earnings growth, there can be no assurance that they will scale to profitability in the timeframes anticipated by us or at all.

If we do not conduct an adequate due diligence investigation of a target business that we acquire, we may be required subsequently to take write downs or write-offs, restructuring, and impairment or other charges that could have a significant negative effect on our financial condition, results of operations and our stock price, which could cause you to lose some or all of your investment.

As part of our acquisition strategy, we will need to conduct a due diligence investigation of one or more target businesses. Intensive due diligence is time consuming and expensive due to the operations, accounting, finance and legal professionals who must be involved in the due diligence process. We may have limited time to conduct such due diligence. Even if we conduct extensive due diligence on a target business that we acquire, we cannot assure you that this diligence will uncover all material issues relating to a particular target business, or that factors outside of the target business and outside of our control will not later arise. If our diligence fails to identify issues specific to a target business or the environment in which the target business operates, we may be forced to write-down or write-off assets, restructure our operations, or incur impairment or other charges that could result in us reporting losses. Even though these charges may be non-cash items and not have an immediate impact on our liquidity, the fact that we report charges of this nature could contribute to negative market perceptions about us or our common stock. In addition, charges of this nature may cause us to violate net worth or other covenants that we may be subject to as a result of assuming pre-existing debt held by a target business or by virtue of our obtaining post-combination debt financing.

Our revenue may be adversely affected by fluctuations in currency exchange rates.

Approximately one-third of our 2015 revenue and a significant portion of our expenditures are expected to be derived or spent in Canadian dollars. However, we report our financial condition and results of operations in U.S. dollars. As a result, fluctuations between the U.S. dollar and the Canadian dollar will impact the amount of our revenues and earnings. For example, if the Canadian dollar appreciates relative to the U.S. dollar, the fluctuation will result in a positive impact on the revenues that we report. However, if the Canadian dollar depreciates relative to the U.S. dollar, which was especially the case during 2014, there will be a negative impact on the revenues we report due to such fluctuation. It is possible that the impact of currency fluctuations will result in a decrease in reported consolidated sales even though we may have experienced an increase in sales transacted in the Canadian dollar. Conversely, the impact of currency fluctuations may result in an increase in reported consolidated sales despite declining sales transacted in the Canadian dollar. The exchange rate from the U.S. dollar to the Canadian dollar has fluctuated substantially in the past and may continue to do so in the future. Though we may choose to hedge our exposure to foreign currency exchange rate changes in the future, there is no guarantee such hedging, if undertaken, will be successful.

We may be unable to generate internal growth.

Our ability to generate internal growth will be affected by, among other factors, our ability to attract new customers, increases or decreases in the number or size of orders received from existing customers, hiring and retaining skilled employees and increasing volume utilizing our existing facilities. Many of the factors affecting our ability to generate internal growth may be beyond our control, and we cannot be certain that our strategies will be implemented with positive results or that we will be able to generate cash flow sufficient to fund our operations and to support internal growth. If we do not achieve internal growth, our results of operations will suffer and we will likely not be able to expand our operations or grow our business.

Fluctuations in the price and supply of raw materials used to manufacture our products may reduce our profits.

Our raw material costs represented approximately 60% of our revenues for the years ended December 31, 2014 and 2013, respectively. The principal raw materials purchased by us are electrical core steel, copper wire, aluminum strip and insulating materials including transformer oil. We also purchase certain electrical components from a variety of suppliers including bushings, switches, fuses, protectors and circuit breakers. These raw materials and components are available from, and supplied by, numerous sources at competitive prices, although there are more limited sources of supply for electrical core steel, transformer oil and circuit breakers. Unanticipated increases in raw material prices or disruptions in supply could increase production costs and adversely affect our profitability. We cannot provide any assurances that we will not experience difficulties sourcing our raw materials in the future.

Our Critical Power Solutions segment, through our wholly-owned subsidiary Titan Energy Systems Inc., currently derives a significant portion of its revenues pursuant to a distributor agreement with Generac Power Systems Inc.; a termination or expiration of our distributor agreement with Generac Power Systems Inc., or any reduction in market acceptance of products sold by us pursuant to the distributor agreement could have an adverse effect on our financial condition and operating results.

Under the terms of our distributor agreement with Generac Power Systems Inc. (“Generac”), we are responsible for marketing, distributing and servicing the Generac Industrial Power line of products in the states Minnesota, Iowa and Nebraska. Our agreement has an initial term expiring on March 31, 2016, and automatically expires unless extended by Generac, with 90 days’ prior notice, for consecutive additional two-year (2) periods beyond the expiration of the then current term. Approximately 40% of Titan’s business involves the sale of Generac Industrial Power products. As such, Titan’s business is dependent on market acceptance of Generac products. We believe that Generac has a solid reputation as a manufacturer, with excellent brand recognition and customer support and a growing market share in many of the markets it serves. However, there can be no assurance that Generac will be able to maintain its reputation and grow its market position in the future. If Generac is unsuccessful in developing and enhancing its product lines to meet evolving and sophisticated customer needs, is unable to maintain the quality of its products, or if it is unable to provide its products at competitive prices, the market acceptance for Generac products may deteriorate over time. Any resulting decrease in the demand for Generac products could have a material adverse impact on our business, results of operations and future prospects.

We are also dependent on Generac for the timely supply of parts and equipment to fulfill its deliveries to our customers and meet the requirements of our service maintenance contracts. From time to time, during periods of intense demand, Generac finds it necessary to allocate its supply of particular products among its dealers. Such allocations of supply have not, in the past, proven to be a significant impediment to us in conducting our business. However, there can be no assurance that Generac will continue to supply its products in the quantities and timeframes required by our customers. While delays in the availability of product supply in sufficient quantities may adversely affect our business, results of operations and financial condition, historically such delays have not been an issue for us.

Our Bemag Transformer Inc. business unit currently derives a significant portion of its revenues from three electrical distributor groups; any decrease in orders from these distributors could have an adverse effect on Bemag Transformer Inc.’s financial condition and operating results.

Bemag Transformer Inc. depends on three electrical distributor groups for a large portion of its business, and any change in the level of orders from these distributors, has, in the past, had a significant impact on Bemag Transformer Inc.’s results of operations. Collectively, purchases from these distributor groups represented approximately 43% of Bemag Transformer Inc.’s sales in 2014 and approximately 6% of our sales on a consolidated basis. We expect aggregate sales to these distributor groups to continue to represent less than 10% of our consolidated sales in 2015. Our Bemag Transformer Inc. subsidiary has pricing and rebate agreements with these distributor groups that are negotiated annually and, if the pricing and rebate agreements are modified or not renewed in future periods or are less

favorable than those offered by competitors, we cannot assure you that these distributor groups will continue to purchase transformers from us in quantities consistent with the past or at all. If any of these distributor groups were to influence our customers to cancel, significantly delay or reduce the amount of business they do with Bemag Transformer Inc., there could be a material adverse effect on our business, financial condition and operating results. Moreover, although Bemag Transformer Inc. has agreements for the sale of its products through these three distributor groups, these agreements do not obligate the groups to distribute transformers from Bemag Transformer Inc. in quantities consistent with the past or at all. If any of these distributor groups were to become insolvent, our business, financial condition and operating results could also be materially adversely affected.

We have, and expect to continue to have, credit facilities with restrictive loan covenants that may impact our ability to operate our business and to pursue our business strategies, and our failure to comply with these covenants could result in an acceleration of our indebtedness.

We will continue to rely on our credit facilities with Bank of Montreal for a significant portion of the working capital to operate our business and execute our strategy. These credit facilities contain certain covenants that restrict our ability to, among other things:

- undergo a change in control;
- incur new indebtedness or other obligations, subject to certain exceptions;
- pay cash dividends;
- create or incur new liens, subject to certain exceptions;

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- make new acquisitions or investments in other entities, subject to certain exceptions;
- wind up, liquidate or dissolve our affairs;
- change the nature of our core business;
- alter our capital structure in a manner that would be materially adverse to our lenders; and
- make investments or advancements to affiliated or related companies.

The majority of the liquidity derived from our credit facilities is based on availability determined by a borrowing base. Specifically, the availability of credit is dependent upon eligible receivables, inventory and certain liens. We may not be able to maintain adequate levels of eligible assets to support our required liquidity.

In addition, our credit facilities require us to meet certain financial ratios, including maximum funded debt to EBITDA ratios, funded debt to total capitalization ratios and fixed charge coverage ratios. Our ability to meet these financial provisions may be affected by events beyond our control. If, as or when required, we are unable to repay, refinance or restructure our indebtedness under, or amend the covenants contained in, our credit facilities, our lenders could institute foreclosure proceedings against the assets securing borrowings under those facilities, which would harm our business, financial condition and results of operations.

The indebtedness under our credit facilities with Bank of Montreal is secured by substantially all of our consolidated assets. As a result of these security interests, such assets would only be available to satisfy claims of our general creditors or to holders of our equity securities if we were to become insolvent to the extent the value of such assets exceeded the amount of our indebtedness and other obligations. In addition, the existence of these security interests may adversely affect our financial flexibility.

Indebtedness under our credit facilities with Bank of Montreal is secured by a lien on substantially all of our assets. Accordingly, if an event of default were to occur under our credit facilities, Bank of Montreal would have a prior right to our assets, to the exclusion of our general creditors in the event of our bankruptcy, insolvency, liquidation, or reorganization. In that event, our assets would first be used to repay in full all indebtedness and other obligations secured by them (including all amounts outstanding under our senior secured credit agreement), resulting in all or a portion of our assets being unavailable to satisfy the claims of our unsecured indebtedness. Only after satisfying the claims of our unsecured creditors and our subsidiaries' unsecured creditors would any amount be available for our equity holders. The pledge of these assets and other restrictions may limit our flexibility in raising capital for other purposes. Because substantially all of our assets are pledged under these financing arrangements, our ability to incur additional secured indebtedness or to sell or dispose of assets to raise capital may be impaired, which could have an adverse effect on our financial flexibility.

We may not be able to fully realize the revenue value reported in our backlog.

We routinely have a backlog of work to be completed on contracts representing a significant portion of our annual sales. As of June 30, 2015, our order backlog was approximately \$32.8 million. Orders included in our backlog are represented by customer purchase orders and service contracts that we believe to be firm. Backlog develops as a result of new business taken, which represents the revenue value of new customer orders received by us during a given period. Backlog consists of customer orders that either (1) have not yet been started or (2) are in progress and are not yet completed. In the latter case, the revenue value reported in backlog is the remaining value associated with work that has not yet been completed. From time to time, customer orders are canceled that appeared to have a high certainty of going forward at the time they were recorded as new business taken. In the event of a customer order cancellation, we may be reimbursed for certain costs but typically have no contractual right to the total revenue reflected in our backlog. In addition to us being unable to recover certain direct costs, canceled customer orders may also result in additional unrecoverable costs due to the resulting underutilization of our assets.

We are subject to pricing pressure from our larger customers.

We face significant pricing pressures in all of our business segments from our larger customers, including Hydro-Quebec Utility Company and Siemens Industry, Inc. Because of their purchasing size, our larger customers can influence market participants to compete on price terms. Such customers also use their buying power to negotiate lower prices. If we are not able to offset pricing reductions resulting from these pressures by improved operating efficiencies and reduced expenditures, those price reductions may have an adverse impact on our financial results.

Deterioration in the credit quality of several major customers could have a material adverse effect on our operating results and financial condition.

A significant asset included in our working capital is accounts receivable from customers. If customers responsible for a significant amount of accounts receivable become insolvent or are otherwise unable to pay for products and services, or become unwilling or unable to make payments in a timely manner, our operating results and financial condition could be adversely affected. A significant deterioration in the economy could have an adverse effect on the servicing of these accounts receivable, which could result in longer payment cycles, increased collection costs and defaults in excess of management's expectations. Deterioration in the credit quality of Hydro-Quebec Utility Company, Siemens Industry, Inc. or of any other major customers could have a material adverse effect on our operating results and financial condition.

We rely on third parties for key elements of our business whose operations are outside our control.

We rely on arrangements with third party shippers and carriers such as independent shipping companies for timely delivery of our products to our customers. As a result, we may be subject to carrier disruptions and increased costs due to factors that are beyond our control, including labor strikes, inclement weather, natural disasters and rapidly increasing fuel costs. If the services of any of these third parties become unsatisfactory, we may experience delays in meeting our customers' product demands and we may not be able to find a suitable replacement on a timely basis or on commercially reasonable terms. Any failure to deliver products to our customers in a timely and accurate manner may damage our reputation and could cause us to lose customers.

We also utilize third party distributors and manufacturer's representatives to sell, install and service certain of our products. While we are selective in whom we choose to represent us, it is difficult for us to ensure that our distributors and manufacturer's representatives consistently act in accordance with the standards we set for them. To the extent any of our end-customers have negative experiences with any of our distributors or manufacturer's representatives, it could reflect poorly on us and damage our reputation, thereby negatively impacting our financial results.

We may face impairment charges if economic environments in which our business operates and key economic and business assumptions substantially change.

Assessment of the potential impairment of property, plant and equipment, goodwill and other identifiable intangible assets is an integral part of our normal ongoing review of operations. Testing for potential impairment of long-lived assets is dependent on numerous assumptions and reflects our best estimates at a particular point in time, which may vary from testing date to testing date. The economic environments in which our businesses operate and key economic

and business assumptions with respect to projected product selling prices and materials costs, market growth and inflation rates, can significantly affect the outcome of impairment tests. Estimates based on these assumptions may differ significantly from actual results. Changes in factors and assumptions used in assessing potential impairments can have a significant impact on both the existence and magnitude of impairments, as well as the time at which such impairments are recognized. Future changes in the economic environment and the economic outlook for the assets being evaluated could also result in additional impairment charges. Any significant asset impairments would adversely impact our financial results.

Our business requires skilled labor, and we may be unable to attract and retain qualified employees.

Our ability to maintain our productivity and profitability will be limited by our ability to employ, train and retain skilled personnel necessary to meet our requirements. We may experience shortages of qualified personnel. We cannot be certain that we will be able to maintain an adequate skilled labor force necessary to operate efficiently and to support our growth strategy or that our labor expenses will not increase as a result of a shortage in the supply of skilled personnel. Labor shortages, increased labor costs or loss of our most skilled workers could impair our ability to deliver on time to our customers (thereby creating a risk that we lose our customers to competition) and would inhibit our ability to maintain our business or grow our revenues, and may adversely impact our profitability.

Our business operations are dependent upon our ability to engage in successful collective bargaining with our unionized workforce.

Our hourly employees located at our plant in Granby, Quebec, Canada are covered by a collective bargaining agreement with the United Steel Workers of America Local 9414 that expired in May 2015. We are in the process of negotiating a new collective bargaining agreement with our unionized workforce at this facility which may take several months to complete. There can be no assurance we will be successful in this effort. If we are unable to renew our collective bargaining agreement, or if additional segments of our workforce become unionized, we may be subject to work interruptions or stoppages. Strikes or labor disputes with our employees may adversely affect our ability to conduct our business.

Deploying a new enterprise resource planning system could interfere with our business or operations and could adversely impact our financial position, results of operations and cash flows.

We are in the process of deploying a new enterprise resource planning, or ERP, system. This project requires significant investment of capital and human resources, the re-engineering of many processes of our business and the attention of many employees who would otherwise be focused on other aspects of our business. Any disruptions, delays or deficiencies in the design and integration of the new ERP system could result in potentially much higher costs than we had anticipated and could adversely affect our ability to develop and commercialize products, provide services, fulfill contractual obligations, file reports with the Securities Exchange Commission in a timely manner and/or otherwise operate our business, or otherwise impact our controls environment. Any of these consequences could have an adverse effect on our results of operations and financial condition.

We are subject to the risks of owning real property.

We own real property, including the land and buildings at two of our manufacturing locations. The ownership of real property subjects us to risks, including: the possibility of environmental contamination and the costs associated with fixing any environmental problems and the risk of damages resulting from such contamination; adverse changes in the value of the property due to interest rate changes, changes in the neighborhood in which the property is located or other factors; ongoing maintenance expenses and costs of improvements; the possible need for structural improvements in order to comply with zoning, seismic, disability act or other requirements; and possible disputes with neighboring owners or others.

Our risk management activities may leave us exposed to unidentified or unanticipated risks.

Although we maintain insurance policies for our business, these policies contain deductibles and limits of coverage. We estimate our liabilities for known claims and unpaid claims and expenses based on information available as well as projections for claims incurred but not reported. However, insurance liabilities are difficult to estimate due to various factors and we may be unable to effectively anticipate or measure potential risks to our company. If we suffer unexpected or uncovered losses, any of our insurance policies or programs are terminated for any reason or are not effective in mitigating our risks, we may incur losses that are not covered by our insurance policies or that exceed our accruals or that exceed our coverage limits and could adversely impact our consolidated results of operations, cash flows and financial position.

Regulatory, environmental, monetary and other governmental policies could have a material adverse effect on our profitability.

We are subject to international, federal, provincial, state and local laws and regulations governing environmental matters, including emissions to air, discharge to waters and the generation and handling of waste. We are also subject to laws relating to occupational health and safety. The operation of manufacturing plants involves a high level of susceptibility in these areas, and there is no assurance that we will not incur material environmental or occupational health and safety liabilities in the future. Moreover, expectations of remediation expenses could be affected by, and potentially significant expenditures could be required to comply with, environmental regulations and health and safety laws that may be adopted or imposed in the future. Future remediation technology advances could adversely impact expectations of remediation expenses.

Future litigation could impact our financial results and condition.

Our business, results of operations and financial condition could be affected by significant future litigation or claims adverse to us. Types of potential litigation cases include product liability, contract, employment-related, labor relations, personal injury or property damage, intellectual property, stockholder claims and claims arising from any injury or damage to persons, property or the environment from hazardous substances used, generated or disposed of in the conduct of our business.

Our international operations subject us to additional risks, which risks and costs may differ in each country in which we do business and may cause our profitability to decline.

Most of our products are manufactured at our facilities in Canada and Mexico, and we depend on a number of suppliers for raw materials and component parts that are located outside of the U.S., including Asia and Western Europe. We generate a significant portion of our revenue from our operations in Canada and currently derive most of our revenue in the U.S. from products we manufacture in Mexico. Our international operations are subject to a variety of risks that we do not face in the U.S., and that we may face only to a limited degree in Canada, including:

- building and managing highly experienced foreign workforces and overseeing and ensuring the performance of foreign subcontractors;
- increased travel, infrastructure and legal and compliance costs associated with multiple international locations; additional withholding taxes or other taxes on our foreign income, and tariffs or other restrictions on foreign trade or investment;
- imposition of, or unexpected adverse changes in, foreign laws or regulatory requirements, many of which differ from those in the U.S.;
- changes in foreign currency exchange rates, principally fluctuations in the Canadian dollar and Mexican peso; longer payment cycles for sales in some foreign countries and potential difficulties in enforcing contracts and collecting accounts receivable;
- difficulties in repatriating overseas earnings;
- general economic conditions in the countries in which we operate; and
- political unrest, civil disturbances, corruption, crime, war, incidents of terrorism, or responses to such events.

We may be unable to maintain policies and strategies that will be effective in managing these risks in each country where we do business. Our failure to manage these risks could cause us to fail to reap our investments in these markets and could harm our international operations, reduce our international sales and increase our costs, thus adversely affecting our international and overall business, financial condition and operating results.

Market disruptions caused by domestic or international financial crises could affect our ability to meet our liquidity needs at a reasonable cost and our ability to meet long-term commitments, which could adversely affect our financial condition and results of operations.

We rely on credit facilities with our lenders, amongst other avenues, to satisfy our liquidity needs. Disruptions in the domestic or international credit markets or deterioration of the banking industry's financial condition (such as occurred beginning in 2008), may discourage or prevent our lenders and other lenders from meeting their existing lending commitments, extending the terms of such commitments or agreeing to new commitments, such as for acquisitions or to refinance existing credit facilities. Market disruptions may also limit our ability to issue debt securities in the capital markets. We can provide no assurances that our lenders or any other lenders we may have will meet their existing commitments or that we will be able to access the credit markets in the future on terms acceptable to us or at all.

Longer term disruptions in the domestic or international capital and credit markets as a result of uncertainty, reduced financing alternatives or failures of significant financial institutions could adversely affect our access to the liquidity needed for our business. Any disruption could require us to take measures to conserve cash until the market stabilizes or until alternative financing can be arranged. Such measures could include deferring capital expenditures and reducing other discretionary expenditures. Market disruptions could cause a broad economic downturn that may lead to increased incidence of customers' failure to pay for services delivered, which could adversely affect our financial condition, results of operations and cash flow.

Capital market disruptions could result in increased costs related to variable rate debt. As a result, continuation of market disruptions could increase our interest expense and adversely impact our results of operations. Disruption in the capital markets and its actual or perceived effects on particular businesses and the greater economy also adversely affects the value of the investments held within our pension plans. Significant declines in the value of the investments held within our pension plans may require us to increase contributions to those plans in order to meet future funding requirements if the actual asset returns do not recover these declines in value in the foreseeable future. These trends may also adversely impact our results of operations, net cash flows and financial positions, including our stockholders' equity.

Risks Related to the Offering and Our Common Stock

We may invest or spend the proceeds of this offering in ways you do not agree with, or in ways that do not yield a significant return.

We intend to use the net proceeds from this offering to partially repay borrowings outstanding under our revolving credit facilities and for general working capital purposes. However, we will have broad discretion in the application of the net proceeds from this offering and could spend the proceeds in ways that do not improve our results of operations or enhance the value of our common stock. Our failure to apply these funds effectively could result in financial losses that could have a material adverse effect on our business and cause the price of our common stock to decline.

Purchasers in this offering will experience immediate and substantial dilution.

The offering price per share in this offering will exceed the net tangible book value per share of our common stock outstanding immediately prior to this offering. Assuming that an aggregate of _____ shares of our common stock are sold at the public offering price of \$ _____ per share, for aggregate gross proceeds of approximately \$ _____, and after deducting the underwriting discount and estimated aggregate offering expenses payable by us, you will experience immediate dilution of \$ _____ per share, representing the difference between our pro forma net tangible book value per share as of June 30, 2015 after giving effect to this offering and the offering price. See the section entitled “Dilution” on page S-19 below for a more detailed illustration of the dilution you may incur if you participate in this offering.

There has been a limited market for our common stock and we cannot ensure investors that an active market for our common stock will be sustained.

There has been limited trading in our common stock and there can be no assurance that an active trading market in our common stock will ever develop. Due to the illiquidity of our common stock, the market price may not accurately reflect our relative value. Because our common stock is so thinly traded, even limited trading in our shares has in the past, and might in the future, lead to dramatic fluctuations in share price and investors may not be able to liquidate their investment in us at all or at a price that reflects the value of the business.

Our stock price has been and may continue to be volatile, which could result in substantial losses for investors.

The market price of our common stock has been and is likely to continue to be highly volatile and could fluctuate widely in response to various factors, many of which are beyond our control, including the following:

- technological innovations or new products and services by us or our competitors;
- additions or departures of key personnel, including Nathan J. Mazurek, our chairman, president and chief executive officer;
- sales of our common stock, particularly under any registration statement for the purposes of selling any other securities, including management shares;
- limited availability of freely-tradable “unrestricted” shares of our common stock to satisfy purchase orders and demand;
- our ability to execute our business plan;
- operating results that fall below expectations;
- loss of any strategic relationship;
- industry developments;
- economic, political and other external factors;
- our ability to manage the costs of maintaining adequate internal financial controls and procedures in connection with the acquisition of additional businesses;
- period-to-period fluctuations in our financial results; and
- announcements of acquisitions.

In addition, the securities markets have from time to time experienced significant price and volume fluctuations that are unrelated to the operating performance of particular companies. These market fluctuations may also significantly affect the market price of our common stock.

Purchasers in this offering may experience additional dilution in the book value of their investment in the future.

We are not restricted from issuing additional securities in the future, including shares of common stock, securities that are convertible into or exchangeable for, or that represent the right to receive, common stock or substantially similar securities. The issuance of these securities may cause further dilution to our stockholders. In order to raise additional capital, we may in the future offer such additional securities at prices that may not be the same as the price per share in this offering. We cannot assure you that we will be able to sell shares or other securities in any other offering at a price per share that is equal to or greater than the price per share paid by investors in this offering, and investors purchasing shares or other securities in the future could have rights superior to existing stockholders, including investors who purchase shares of common stock in this offering. The price per share at which we sell additional shares of our common stock or securities convertible into common stock in future transactions may be higher or lower than the price per share in this offering. The exercise of outstanding stock options and warrants may also result in further dilution of your investment.

We do not expect to pay dividends in the future. As a result, any return on investment may be limited to the value of our common stock.

We do not anticipate paying cash dividends on our common stock in the foreseeable future. The payment of dividends on our common stock will depend on our earnings, financial condition and other business and economic factors as our board of directors may consider relevant. In addition, our credit agreement with Bank of Montreal, Chicago Branch restricts our ability to pay cash dividends. If we do not pay dividends, our common stock may be less valuable because a return on your investment will only occur if our stock price appreciates.

We have identified material weaknesses in our internal control over financial reporting, and if we are unable to achieve and maintain effective internal control over financial reporting or effective disclosure controls, this could have a material adverse effect on our business.

The ongoing internal control provisions of Section 404 of the Sarbanes-Oxley Act of 2002 require us to identify material weaknesses in internal control over financial reporting, which is a process to provide reasonable assurance regarding the reliability of financial reporting for external purposes in accordance with accounting principles generally accepted in the U.S. As previously disclosed in our Annual Report on Form 10-K for year ended December 31, 2014,

we have identified material weaknesses in our internal control over financial reporting, which continued to exist and were still considered material weaknesses in our internal control over financial reporting at June 30, 2015. The material weaknesses related to entity-level controls, including maintaining a sufficient complement of adequately trained personnel, adherence to procedures regarding standard costing and the valuation of inventory at our Bemag Transformer reporting unit, and the financial close and reporting process at our Pioneer Critical Power reporting unit.

We cannot assure you that we will be able to remediate our existing material weaknesses in a timely manner, if at all, or that in the future additional material weaknesses will not exist, reoccur or otherwise be discovered, a risk that is significantly increased in light of the complexity of our business. While we have taken certain actions to address the material weaknesses identified, as described in the remediation plan reported in our Annual Report on Form 10-K for the year ended December 31, 2014, additional measures may be necessary as we work to improve the overall effectiveness of our internal controls over financial reporting. If our efforts to remediate these material weaknesses are not successful or if other deficiencies occur, our ability to accurately and timely report our financial position, results of operations, cash flows or key operating metrics could be impaired, which could result in late filings of our annual and quarterly reports under the Securities Exchange Act of 1934, as amended, restatements of our consolidated financial statements or other corrective disclosures. Additional impacts could include a decline in our stock price, suspension of trading or delisting of our common stock by The NASDAQ Capital Market, or other material adverse effects on our business, reputation, results of operations, financial condition or liquidity. Furthermore, if we continue to have these existing material weaknesses, other material weaknesses or significant deficiencies in the future, it could create a perception that our financial results do not fairly state our financial condition or results of operations. Any of the foregoing could have an adverse effect on the value of our stock.

Our common stock is listed on The NASDAQ Capital Market, and we take advantage of the “controlled company” exemption to the corporate governance rules for NASDAQ-listed companies. As a controlled company, our common stock may be less attractive to some investors or otherwise harm our stock price.

Because we qualify as a “controlled company” under the corporate governance rules for NASDAQ-listed companies, we are not required to have a majority of our board of directors be independent, nor are we required to have a compensation committee or an independent nominating function. In light of our status as a controlled company, our board of directors has determined not to have a majority of independent directors or an independent nominating or compensation committee and to have the full board of directors be directly responsible for compensation matters and for nominating members of our board. Accordingly, should the interests of our controlling stockholder differ from those of other stockholders, the other stockholders may not have the same protections afforded to stockholders of companies that are subject to all the corporate governance rules for NASDAQ-listed companies. Our status as a controlled company could make our common stock less attractive to some investors or otherwise harm our stock price.

Your ability to influence corporate decisions may be limited because Provident Pioneer Partners, L.P. owns a controlling percentage of our common stock.

Provident Pioneer Partners, L.P., which is controlled by Nathan J. Mazurek, our chief executive officer, president and chairman of the board of directors, beneficially owns approximately 61.6% of our outstanding common stock as of September 21, 2015. As a result of this stock ownership, Provident Pioneer Partners, L.P. and Mr. Mazurek can control all matters submitted to our stockholders for approval, including the election of directors and approval of any merger, consolidation or sale of all or substantially all of our assets. This concentration of voting power could delay or prevent an acquisition of our company on terms that other stockholders may desire. In addition, as the interests of Provident Pioneer Partners, L.P. and our minority stockholders may not always be the same, this large concentration of voting power may lead to stockholder votes that are inconsistent with the best interests of our minority stockholders or the best interest of us as a whole.

Delaware law and our corporate charter and bylaws contain anti-takeover provisions that could delay or discourage takeover attempts that stockholders may consider favorable.

Our board of directors is authorized to issue shares of preferred stock in one or more series and to fix the voting powers, preferences and other rights and limitations of the preferred stock. Accordingly, we may issue shares of preferred stock with a preference over our common stock with respect to dividends or distributions on liquidation or dissolution, or that may otherwise adversely affect the voting or other rights of the holders of common stock. Issuances of preferred stock, depending upon the rights, preferences and designations of the preferred stock, may have the effect of delaying, deterring or preventing a change of control, even if that change of control might benefit our stockholders. In addition, we are subject to Section 203 of the Delaware General Corporation Law. Section 203

generally prohibits a public 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, unless the transaction meets one of several exceptions. The exceptions include, for example, approval by two-thirds of the outstanding voting stock which is not owned by the interested stockholder, or approval by the board of directors prior to the stockholder becoming an interested stockholder. Section 203 could have the effect of delaying, deferring or preventing mergers or other takeover or change in control attempts with respect to us and, accordingly, may discourage attempts to acquire us even though such a transaction may offer our stockholders the opportunity to sell their stock at a price above the prevailing market price.

If securities or industry analysts do not publish research or publish inaccurate or unfavorable research about our business, our stock price and trading volume could decline.

The trading market for our common stock will depend in part on the research and reports that securities or industry analysts publish about us or our business. Although we currently have research coverage by securities and industry analysts, you should not invest in our common stock in anticipation that we will increase such coverage. If one or more of the analysts who covers us at any given time downgrades our stock or publishes inaccurate or unfavorable research about our business, our stock price would likely decline. If one or more of these analysts ceases coverage of us or fails to publish reports on us regularly, demand for our stock could decrease, which could cause our stock price and trading volume to decline.

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus supplement and the accompanying prospectus and the information incorporated by reference herein and therein contain “forward-looking statements,” which include information relating to future events, future financial performance, strategies, expectations, competitive environment and regulation. Words such as “may,” “should,” “could,” “would,” “predicts,” “potential,” “continue,” “expects,” “anticipates,” “future,” “intends,” “plans,” “believes,” “estimates,” and other expressions, as well as statements in future tense, identify forward-looking statements. Forward-looking statements should not be read as a guarantee of future performance or results and will probably not be accurate indications of when such performance or results will be achieved. Forward-looking statements are based on information we have when those statements are made or our good faith belief as of that time with respect to future events, and are subject to numerous factors, risks and uncertainties that could cause actual performance, the outcome of events, timing or results to differ materially from those expressed in or suggested by the forward-looking statements. Important factors that could cause such differences include, but are not limited to:

General economic conditions and their effect on demand for electrical equipment, particularly in the commercial construction market, but also in the power generation, industrial production, data center, oil and gas, marine and infrastructure industries.

The effects of fluctuations in sales on our business, revenues, expenses, net income, earnings per share, margins and profitability.

Many of our competitors are better established and have significantly greater resources, and may subsidize their competitive offerings with other products and services, which may make it difficult for us to attract and retain customers.

We depend on Hydro-Quebec Utility Company and Siemens Industry, Inc. for a large portion of our business, and any change in the level of orders from Hydro-Quebec Utility Company or Siemens Industry, Inc., could have a significant impact on our results of operations.

The potential loss or departure of key personnel, including Nathan J. Mazurek, our chairman, president and chief executive officer.

Our ability to expand our business through strategic acquisitions.

Our ability to integrate acquisitions and related businesses.

Our ability to generate internal growth, maintain market acceptance of our existing products and gain acceptance for our new products.

Unanticipated increases in raw material prices or disruptions in supply could increase production costs and adversely affect our profitability.

Restrictive loan covenants and/or our ability to repay or refinance debt under our credit facilities could limit our future financing options and liquidity position and may limit our ability to grow our business.

Our ability to realize revenue reported in our backlog.

Operating margin risk due to competitive pricing and operating efficiencies, supply chain risk, material, labor or overhead cost increases, interest rate risk and commodity risk.

Strikes or labor disputes with our employees may adversely affect our ability to conduct our business.

A majority of our revenue and a significant portion of our expenditures are derived or spent in Canadian dollars. However, we report our financial condition and results of operations in U.S. dollars. As a result, fluctuations between the U.S. dollar and the Canadian dollar will impact the amount of our revenues and earnings.

The impact of geopolitical activity on the economy, changes in government regulations such as income taxes, climate control initiatives, the timing or strength of an economic recovery in our markets and our ability to access capital markets.

Our chairman controls a majority of our combined voting power, and may have, or may develop in the future, interests that may diverge from yours.

Material weaknesses in internal controls.

Future sales of large blocks of our common stock may adversely impact our stock price.

The liquidity and trading volume of our common stock.

You should review carefully the section entitled “Risk Factors” beginning on page S-3 of this prospectus supplement for a discussion of these and other risks that relate to our business and investing in our securities. The forward-looking statements contained or incorporated by reference in this prospectus supplement are expressly qualified in their entirety by this cautionary statement. We do not undertake any obligation to publicly update any forward-looking statement to reflect events or circumstances after the date on which any such statement is made or to reflect the occurrence of unanticipated events.

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USE OF PROCEEDS

We estimate that the net proceeds from the sale of _____ shares of our common stock in this offering will be approximately \$ _____ million, or approximately \$ _____ million if the underwriters exercise in full their over-allotment option to purchase additional shares of common stock, based on the public offering price of \$ _____ per share, after deducting the underwriting discount and estimated offering expenses payable by us.

We intend to use the net proceeds from this offering to repay a portion of our outstanding borrowings under our U.S. and Canada-based revolving credit facilities with Bank of Montreal and for general working capital purposes. Borrowings under the revolving credit facilities are payable on demand and bear interest at approximately the LIBOR rate plus 2.25% per annum. Recent borrowings under our revolving credit facilities were used to fund our acquisition of Titan Energy Worldwide, Inc. and Pacific Power Integration Systems, Inc. Any amounts repaid with the proceeds from this offering may be re-borrowed in the future for working capital and general corporate purposes, subject to the terms and any limitations set forth in the credit agreements governing such credit facilities. For a detailed description of our revolving credit facilities, please read “Management’s Discussion and Analysis of Financial Condition and Results of Operations – Results of Operations – Liquidity and Capital Resources – Credit Facilities and Long-Term Debt” in each of our Form 10-K for the year ended December 31, 2014, our Form 10-Q for the quarter ended March 31, 2015 and our Form 10-Q for the quarter ended June 30, 2015, each of which is incorporated by reference into this prospectus supplement.

Investors are cautioned, however, that expenditures may vary substantially from these uses. Investors will be relying on the judgment of our management, who will have broad discretion regarding the application of the proceeds of this offering. The amounts and timing of our actual expenditures will depend upon numerous factors, including the amount of cash generated by our operations, the amount of competition we face and other operational factors. We may find it necessary or advisable to use portions of the proceeds from this offering for other purposes.

From time to time, we evaluate these and other factors and we anticipate continuing to make such evaluations to determine if the existing allocation of resources, including the proceeds of this offering, is being optimized. Circumstances that may give rise to a change in the use of proceeds include:

the need or desire on our part to accelerate, increase or eliminate existing initiatives due to, among other things, changing market conditions and competitive developments; and

the availability of other sources of cash including cash flow from operations and alternative financing arrangements, if any.

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PRICE RANGE OF OUR COMMON STOCK

Our common stock has been listed on The NASDAQ Capital Market under the symbol “PPSI” since September 19, 2013. Prior to that date, it was quoted on the OTCQB over-the-counter marketplace.

The following table sets forth (i) the high and low sales prices of our common stock as reported on The NASDAQ Capital Market for the period of September 19, 2013 to September 18, 2015 and (ii) the high and low bid prices of our common stock as reported on the OTCQB for the period of January 1, 2013 to September 18, 2013. The quotations reflect inter-dealer prices, without retail markup, markdown, or commissions, and may not represent actual transactions.

<u>The NASDAQ Capital Market</u>	High	Low
2015		
Third Quarter Ended September 30 (through September 18, 2015)	\$7.80	\$4.81
Second Quarter Ended June 30	\$8.91	\$6.75
First Quarter Ended March 31	\$9.99	\$8.67
2014		
Fourth Quarter Ended December 31	\$9.45	\$7.50
Third Quarter Ended September 30	\$8.70	\$7.51
Second Quarter Ended June 30	\$9.80	\$8.30
First Quarter Ended March 31	\$10.59	\$8.60
2013		
Fourth Quarter Ended December 31	\$10.43	\$7.55
September 19, 2013 – September 30, 2013	\$8.98	\$6.50
 <u>OTCQB</u>		
2013		
Third Quarter Ended September 30 (through September 18, 2013)	\$8.07	\$6.15
Second Quarter Ended June 30	\$6.30	\$5.75
First Quarter Ended March 31	\$5.60	\$5.60

On September 18, 2015, the last reported sale price of our common stock on The NASDAQ Capital Market was \$6.40 per share. As of September 18, 2015, there were approximately 37 holders of record of our common stock.

DIVIDEND POLICY

We have not declared or paid cash dividends on our common stock during the two most recent fiscal years, and we do not intend to pay any cash dividends on our common stock during the foreseeable future. Rather, we intend to retain future earnings (if any) to fund the operation and expansion of our business and for general corporate purposes. Subject to legal and contractual limits, our board of directors will make any decision as to whether to pay dividends in the future. In addition, our credit agreement with Bank of Montreal, Chicago Branch, dated June 28, 2013, restricts our ability to pay cash dividends.

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DILUTION

If you invest in our common stock, your interest will be diluted to the extent of the difference between the price per share you pay in this offering and the net tangible book value per share of our common stock immediately after this offering. Our net tangible book value of our common stock as of June 30, 2015 was approximately \$9.2 million, or approximately \$1.25 per share of common stock based on 7,405,962 shares outstanding at that time. “Net tangible book value” is total assets minus the sum of liabilities and intangible assets. “Net tangible book value per share” is net tangible book value divided by the total number of shares outstanding.

After giving effect to the sale of shares of common stock in this offering at the public offering price of \$ per share, and after deducting the underwriting discount and estimated offering expenses payable by us, our net tangible book value as of December 31, 2014 would have been approximately \$ million, or approximately \$ per share of common stock based on shares of common stock outstanding on a pro forma basis at that time. This represents an immediate increase in net tangible book value of \$ per share to our existing stockholders and an immediate dilution of approximately \$ per share to new investors participating in this offering, as illustrated by the following table:

Public offering price per share of common stock	\$
Net tangible book value per share of common stock as of June 30, 2015	\$(1.25)
Increase in net tangible book value per share of common stock attributable to the offering	\$
Pro forma net tangible book value per share of common stock as of June 30, 2015 after giving effect to the offering	\$
Dilution in net tangible book value per share of common stock to new investors in the offering	\$

If the underwriters exercise in full their option to purchase additional shares of common stock at the public offering price of \$ per share, our as adjusted net tangible book value after this offering would be approximately \$ million, or \$ per share, representing an increase in net tangible book value of approximately \$ per share to existing stockholders and immediate dilution in net tangible book value of approximately \$ per share to investors purchasing our common stock in this offering at the public offering price.

The discussion of dilution, and the table quantifying it, assume no exercise of any outstanding options or warrants or other potentially dilutive securities. The exercise of potentially dilutive securities having an exercise price less than the offering price would increase the dilutive effect to new investors.

In particular, the table above excludes the following potentially dilutive securities as of June 30, 2015:

50,600 shares of common stock issuable upon the exercise of currently outstanding warrants with an exercise price of \$7.00 per share;

349,400 shares of common stock issuable upon the exercise of currently outstanding options with exercise prices ranging from \$4.11 to \$16.25 and having a weighted average exercise price of \$9.34 per share; and

320,600 shares of common stock available for future issuance under our 2011 Long-Term Incentive Plan.

To the extent that any of these options or warrants are exercised, new options are issued under our equity incentive plans and subsequently exercised or we issue additional shares of common stock in the future, there will be further dilution to new investors participating in this offering.

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UNDERWRITING

We have entered into an underwriting agreement with Roth Capital Partners, LLC and Monarch Capital Group, LLC, with respect to the shares subject to this offering. Subject to certain conditions, we have agreed to sell to the underwriters, and the underwriters have agreed to purchase from us on a firm commitment basis, the number of shares of our common stock set forth opposite its name in the table below:

Underwriter	Number of Shares
Roth Capital Partners, LLC	
Monarch Capital Group, LLC	
Total	

The underwriting agreement provides that the underwriters will purchase all of the shares of common stock offered by this prospectus supplement and the accompanying prospectus if they purchase any of the shares. This commitment does not apply to the shares of common stock subject to the over-allotment option described below.

The underwriters propose to offer to the public the shares of our common stock purchased pursuant to the underwriting agreement at the public offering price on the cover page of this prospectus supplement. The underwriters may offer some of the shares to other securities dealers at such price less a concession of \$ per share. The underwriters may also allow, and such dealers may reallow, a concession not in excess of \$ per share to other dealers. After the shares are released for sale to the public, the underwriters may change the offering price and other selling terms at various times.

The factors considered in determining the public offering price included the recent market price of our common stock, the general condition of the securities market at the time of this offering, the history of, and the prospects for, the industry in which we compete, our past and present operations and our prospects for future revenues.

Commissions and Expenses

The following table provides information regarding the amount of the underwriting discounts and commissions to be paid to the underwriters by us. These amounts are shown assuming both no exercise and full exercise of the underwriter's option to purchase additional shares to cover over-allotments, if any.

	Per Share	Total Without Over-Allotment	With Over-Allotment
Underwriting discount	\$	\$	\$
Proceeds, before expenses, to us	\$	\$	\$

In addition, we have agreed to reimburse the underwriters for certain out-of-pocket expenses incurred by them up to an aggregate of \$75,000 with respect to this offering, even in the event the offering is not consummated.

We have agreed to sell the shares at the offering price less the underwriting discount set forth on the cover page of this prospectus supplement. We cannot be sure that the offering price will correspond to the price at which our common stock will trade following this offering.

Over-Allotment Option

We have granted the underwriters an over-allotment option. This option, which is exercisable for up to 30 days after the date of this prospectus supplement, permits the underwriters to purchase a maximum of additional shares from us to cover over-allotments, if any. If the underwriters exercise all or part of this option, they will purchase shares covered by the option at the public offering price that appears on the cover page of this prospectus supplement, less the underwriting discount.

Lock-Up Agreements

Our executive officers and directors have agreed to a 90-day “lock-up” from the date of the final prospectus supplement relating to shares of our common stock that they beneficially own, including the issuance of common stock upon the exercise of currently outstanding options and options which may be issued. This means that, for a period of 90 days following the date of the final prospectus supplement used to sell shares in this offering, such persons may not offer, sell, pledge or otherwise dispose of these securities without the prior written consent of Roth Capital Partners, LLC, as representative of the underwriters, subject to certain exceptions. The lock-up period described in the preceding sentence will be extended if (1) during the last 17 days of the lock-up period, we issue an earnings release or material news or a material event relating to us occurs, or (2) prior to the expiration of the initial lock-up period, we announce that we will release earnings results during the 16-day period following the last day of the initial lock-up period, in which case the lock-up period automatically will be extended until the expiration of the 18-day period beginning on the issuance of the earnings release or the occurrence of the material news or material event, as applicable, unless Roth Capital Partners, LLC, as representative of the underwriters, waives, in writing, such extension.

In addition, the underwriting agreement provides that we will not, for a period of 90 days following the date of the final prospectus supplement used to sell shares in this offering, offer, sell or distribute any of our securities, without the prior written consent of Roth Capital Partners, LLC, as representative of the underwriters.

Furthermore, certain persons associated with Monarch Capital Group, LLC, who are currently principals of Monarch Capital Group, LLC, may purchase shares in the offering at the public offering price to the extent permitted any applicable rules and limitations. In addition, certain of our directors also have indicated an interest in purchasing shares in this offering at the public offering price. However, indications of interest are not binding agreements or commitments to purchase shares and such persons may determine not to purchase shares or the underwriters may determine not to sell any shares to them. The underwriters will receive the same underwriting discount on any shares purchased by these persons as they will on any other shares sold to the public in this offering. Any shares purchased by any such person will be subject to a lock-up agreement pursuant to FINRA rule 5110(g)(1), whereby such person will agree not to sell, transfer, assign, pledge, or hypothecate the shares of common stock, nor will it engage in any hedging, short sale, derivative, put, or call transaction that would result in the effective economic disposition of the shares of common stock for a period of 180 days from the date of effectiveness or commencement of sales in the offering, except as permitted by FINRA Rule 5110(g)(2).

Stabilization

Until the distribution of the securities offered hereby is completed, rules of the Securities and Exchange Commission may limit the ability of the underwriters to bid for and to purchase our common stock. As an exception to these rules, the underwriters may engage in transactions effected in accordance with Regulation M under the Securities Exchange

Act of 1934, as amended, that are intended to stabilize, maintain or otherwise affect the price of our common stock. The underwriters may engage in over-allotment sales, syndicate covering transactions, stabilizing transactions and penalty bids in accordance with Regulation M.

Stabilizing transactions permit bids or purchases for the purpose of pegging, fixing or maintaining the price of the common stock, so long as stabilizing bids do not exceed a specified maximum.

Over-allotment involves sales by the underwriters of securities in excess of the number of securities the underwriters are obligated to purchase, which creates a short position. The short position may be either a covered short position or a naked short position. In a covered short position, the number of shares of common stock over-allotted by the underwriters is not greater than the number of shares of common stock that they may purchase in the over-allotment option. In a naked short position, the number of shares of common stock involved is greater than the number of shares in the over-allotment option. The underwriters may close out any covered short position by either exercising their over-allotment option or purchasing shares of our common stock in the open market.

Covering transactions involve the purchase of securities in the open market after the distribution has been completed in order to cover short positions. In determining the source of securities to close out the short position, the underwriters will consider, among other things, the price of securities available for purchase in the open market as compared to the price at which they may purchase securities through the over-allotment option. If the underwriters sell more shares of common stock than could be covered by the over-allotment option, creating a naked short position, the position can only be closed out by buying securities in the open market. A naked short position is more likely to be created if the underwriters are concerned that there could be downward pressure on the price of the securities in the open market after pricing that could adversely affect investors who purchase in this offering.

Penalty bids permit the underwriters to reclaim a selling concession from a selected dealer when the securities originally sold by the selected dealer are purchased in a stabilizing or syndicate covering transaction.

These stabilizing transactions, covering transactions and penalty bids may have the effect of raising or maintaining the market price of our securities or preventing or retarding a decline in the market price of our common stock. As a result, the price of our securities may be higher than the price that might otherwise exist in the open market.

Neither we nor the underwriters make any representation or prediction as to the effect that the transactions described above may have on the prices of our securities. These transactions may occur on any trading market. If any of these transactions are commenced, they may be discontinued without notice at any time.

This prospectus supplement and the accompanying prospectus may be made available in electronic format on Internet sites or through other online services maintained by the underwriters or their affiliates. In those cases, prospective investors may view offering terms online and may be allowed to place orders online. Other than this prospectus supplement and the accompanying prospectus in electronic format, any information on the underwriters' or their affiliates' websites and any information contained in any other website maintained by the underwriters or any affiliate of the underwriters is not part of this prospectus supplement, the accompanying prospectus or the registration statement of which this prospectus supplement and the accompanying prospectus form a part, has not been approved and/or endorsed by us or the underwriters and should not be relied upon by investors.

The underwriters or their affiliates may engage in transactions with, and may perform, from time to time, investment banking and advisory services for us in the ordinary course of their business and for which they would receive customary fees and expenses. In addition, in the ordinary course of their business activities, the underwriters and their affiliates may make or hold a broad array of investments and actively trade debt and equity securities (or related derivative securities) and financial instruments (including bank loans) for their own account and for the accounts of their customers. Such investments and securities activities may involve securities and/or instruments of ours or our affiliates. The underwriters and their affiliates may also make investment recommendations and/or publish or express independent research views in respect of such securities or financial instruments and may hold, or recommend to clients that they acquire, long and/or short positions in such securities and instruments.

Notice to Non-U.S. Investors

European Economic Area. In relation to each member state of the European Economic Area which has implemented the Prospectus Directive, each referred to herein as a "Relevant Member State," with effect from and including the date on which the Prospectus Directive is implemented in that Relevant Member State, referred to herein as the "Relevant

Implementation Date," no offer of any securities which are the subject of the offering contemplated by this prospectus supplement and the accompanying prospectus has been or will be made to the public in that Relevant Member State other than any offer where a prospectus has been or will be published in relation to such securities that has been approved by the competent authority in that Relevant Member State or, where appropriate, approved in another Relevant Member State and notified to the relevant competent authority in that Relevant Member State in accordance with the Prospectus Directive, except that with effect from and including the Relevant Implementation Date, an offer of such securities may be made to the public in that Relevant Member State:

to any legal entity or person which is a "qualified investor" as defined in the Prospectus Directive;

to fewer than 100 or, if the Relevant Member State has implemented the relevant provision of the 2010 PD Amending Directive, 150, natural or legal persons (other than qualified investors as defined in the Prospectus Directive), as permitted under the Prospectus Directive, subject to obtaining the prior consent of the representatives of the underwriters for any such offer; or

in any other circumstances falling within Article 3(2) of the Prospectus Directive,

provided that no such offer of securities shall require the Company or any of the underwriters to publish a prospectus pursuant to Article 3 of the Prospectus Directive or supplement a prospectus pursuant to Article 16 of the Prospectus Directive.

For the purposes of this provision, the expression an "offer to the public" in relation to any securities in any Relevant Member State means the communication in any form and by any means of sufficient information on the terms of the offer and the securities to be offered so as to enable an investor to decide to purchase or subscribe the securities, as the same may be varied in that Relevant Member State by any measure implementing the Prospectus Directive in that Relevant Member State and the expression "Prospectus Directive" means Directive 2003/71/EC (and amendments thereto, including the 2010 PD Amending Directive, to the extent implemented in the Relevant Member State), and includes any relevant implementing measure in the Relevant Member State and the expression "2010 PD Amending Directive" means Directive 2010/73/EC.

United Kingdom. This document, in so far as it constitutes an invitation or inducement to enter into investment activity (within the meaning of section 21 Financial Services and Markets Act 2000 as amended ("FSMA")) in connection with the securities which are the subject of the offering contemplated by this document, our ordinary shares or otherwise, is being directed only at (i) persons who are outside the United Kingdom or (ii) persons who have professional experience in matters relating to investments who fall within Article 19(5) ("Investment professionals") of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (the "Order") or (iii) certain high value persons and entities who fall within Article 49(2)(a) to (d) ("High net worth companies, unincorporated associations etc") of the Order; or (iv) any other person to whom it may lawfully be communicated (all such persons in (i) to (iv) together being referred to as "relevant persons"). The ADSs are only available to, and any invitation, offer or agreement to subscribe, purchase or otherwise acquire such ADSs will be engaged in only with, relevant persons. Any person who is not a relevant person should not act or rely on this document or any of its contents. The communication of this document or any such invitation or inducement to any persons other than relevant persons is unauthorized and may contravene FSMA.

No approved prospectus relating to the matters in this document has been made available to the public in the United Kingdom and, accordingly, the securities which are the subject of the offering contemplated by this document may not be, and will not be, offered in the United Kingdom except in circumstances which will not result in there being an offer to the public in the United Kingdom (other than an offer falling within Section 86 FSMA).

LEGAL MATTERS

The validity of the shares of common stock offered by this prospectus supplement will be passed upon for us by Haynes and Boone, LLP, New York, New York. The underwriters are being represented by Olshan Frome Wolosky LLP, New York, New York, in connection with the offering.

EXPERTS

The consolidated financial statements as of and for the year ended December 31, 2014 incorporated in this prospectus supplement by reference to our Annual Report on Form 10-K for the year ended December 31, 2014, have been so incorporated in reliance on the report of BDO USA, LLP, an independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

The consolidated financial statements as of and for the year ended December 31, 2013 incorporated in this prospectus supplement by reference to our Annual Report on Form 10-K for the year ended December 31, 2014, have been so incorporated in reliance on the report of Richter LLP, an independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

WHERE YOU CAN FIND MORE INFORMATION

We are subject to the informational requirements of the Securities Exchange Act of 1934, as amended, and in accordance therewith file annual, quarterly and current reports, proxy statements and other information with the Securities and Exchange Commission. Such reports, proxy statements and other information can be read and copied at the Securities and Exchange Commission's public reference facilities at 100 F Street, N.E., Washington, D.C. 20549, at prescribed rates. Please call the Securities and Exchange Commission at 1-800-732-0330 for further information on the operation of the public reference facilities. In addition, the Securities and Exchange Commission maintains a website that contains reports, proxy and information statements and other information regarding registrants that file electronically with the Securities and Exchange Commission. The address of the Securities and Exchange Commission's website is www.sec.gov.

We make available free of charge on or through our website at www.pioneerpowersolutions.com, our Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and amendments to those reports filed or furnished pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended, as soon as

reasonably practicable after we electronically file such material with or otherwise furnish it to the Securities and Exchange Commission.

We have filed with the Securities and Exchange Commission a registration statement under the Securities Act of 1933, as amended, relating to the offering of these securities. The registration statement, including the attached exhibits, contains additional relevant information about us and the securities. This prospectus does not contain all of the information set forth in the registration statement. You can obtain a copy of the registration statement, at prescribed rates, from the Securities and Exchange Commission at the address listed above, or for free at www.sec.gov. The registration statement and the documents referred to below under “Incorporation of Certain Information By Reference” are also available on our website, www.pioneerpowersolutions.com.

We have not incorporated by reference into this prospectus the information on our website, and you should not consider it to be a part of this prospectus.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The Securities and Exchange Commission allows us to “incorporate by reference” the information we have filed with it, which means that we can disclose important information to you by referring you to those documents. The information we incorporate by reference is an important part of this prospectus supplement, and later information that we file with the Securities and Exchange Commission will automatically update and supersede this information. We incorporate by reference the documents listed below and any future documents (excluding information furnished pursuant to Items 2.02 and 7.01 of Form 8-K) we file with the Securities and Exchange Commission pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934, as amended, subsequent to the date of this prospectus supplement and prior to the termination of the offering:

Our Annual Report on Form 10-K for the fiscal year ended December 31, 2014, filed with the Securities and Exchange Commission on April 2, 2015;

The portions of our Definitive Proxy Statement on Schedule 14A, filed with the Securities and Exchange Commission on April 15, 2015, that are incorporated by reference into our Annual Report on Form 10-K for the year ended December 31, 2014;

Our Quarterly Report on Form 10-Q for the fiscal quarter ended March 31, 2015, filed with the Securities and Exchange Commission on May 15, 2015;

Our Quarterly Report on Form 10-Q for the fiscal quarter ended June 30, 2015, filed with the Securities and Exchange Commission on August 12, 2015;

Our Current Reports on Form 8-K, filed with the Securities and Exchange Commission on each of January 5, 2015, January 22, 2015, January 28, 2015, February 20, 2015, May 18, 2015, August 3, 2015, August 20, 2015, September 3, 2015, September 16, 2015 and September 21, 2015; and

The description of our common stock, which is contained in our registration statement on Form 8-A, filed with the Securities and Exchange Commission on September 17, 2013, as updated or amended in any amendment or report filed for such purpose.

Any statement contained in this prospectus supplement or in a document incorporated or deemed to be incorporated by reference into this prospectus supplement will be deemed to be modified or superseded for purposes of this prospectus supplement to the extent that a statement contained in this prospectus supplement or any other subsequently filed document that is deemed to be incorporated by reference into this prospectus supplement modifies or supersedes the statement. Any statement so modified or superseded will not be deemed, except as so modified or superseded, to constitute a part of this prospectus supplement.

You may request, orally or in writing, a copy of any or all of the documents incorporated herein by reference (excluding any exhibits to those documents, unless we have specifically incorporated that exhibit by reference herein). These documents will be provided to you at no cost, by contacting:

Pioneer Power Solutions, Inc.

400 Kelby Street, 12th Floor

Fort Lee, New Jersey 07024

Attention: Andrew Minkow, Chief Financial Officer

Telephone: (212) 867-0700

You may also access the documents incorporated by reference in this prospectus supplement through our website at www.pioneerpowersolutions.com. Except as set forth above, no information available on or through our website shall be deemed to be incorporated in this prospectus supplement, the accompanying prospectus or the registration statement of which it forms a part.

You should rely only on information contained in, or incorporated by reference into, this prospectus supplement and the accompanying prospectus. Neither we nor the underwriters have not authorized anyone to provide you with information different from that contained in this prospectus supplement or the accompanying prospectus or incorporated by reference in this prospectus supplement or the accompanying prospectus. You should not assume that the information in this prospectus supplement is accurate as of any date other than the date of this prospectus supplement or the date of the documents incorporated by reference in this prospectus supplement. We are not making offers to sell the securities in any jurisdiction in which such an offer or solicitation is not authorized or in which the person making such offer or solicitation is not qualified to do so or to anyone to whom it is unlawful to make such offer or solicitation.

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PROSPECTUS

Pioneer Power Solutions, Inc.

\$75,000,000

Common Stock

Preferred Stock

Warrants

Units

We may offer and sell from time to time, in one or more series or issuances and on terms that we will determine at the time of the offering, any combination of the securities described in this prospectus, up to an aggregate amount of \$75,000,000.

We will provide specific terms of any offering in a supplement to this prospectus. Any prospectus supplement may also add, update, or change information contained in this prospectus. You should carefully read this prospectus and the applicable prospectus supplement as well as the documents incorporated or deemed to be incorporated by reference in this prospectus before you purchase any of the securities offered hereby.

These securities may be offered and sold in the same offering or in separate offerings; to or through underwriters, dealers, and agents; or directly to purchasers. The names of any underwriters, dealers, or agents involved in the sale of our securities, their compensation and any over-allotment options held by them will be described in the applicable prospectus supplement. See “Plan of Distribution.”

Our common stock is listed on the Nasdaq Capital Market under the symbol "PPSI." On March 17, 2014, the last reported sale price of our common stock was \$8.97 per share. We recommend that you obtain current market quotations for our common stock prior to making an investment decision. We will provide information in any applicable prospectus supplement regarding any listing of securities other than shares of our common stock on any securities exchange.

As of March 17, 2014, the aggregate market value of our outstanding common stock held by non-affiliates, or the public float, was approximately \$22.5 million, which was calculated based on 2,505,000 shares of our outstanding common stock held by non-affiliates and a price of \$8.97 per share, the last reported sale price for our common stock on March 17, 2014. We have not offered any securities pursuant to General Instruction I.B.6 of Form S-3 during the 12 calendar months prior to and including the date of this prospectus.

You should carefully read this prospectus, any prospectus supplement relating to any specific offering of securities, and all information incorporated by reference herein and therein.

Investing in our securities involves a high degree of risk. These risks are discussed in this prospectus under "Risk Factors" beginning on page 5 and in the documents incorporated by reference into this prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is May 9, 2014

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement on Form S-3 that we filed with the Securities and Exchange Commission using a “shelf” registration process. Under this shelf process, we may, from time to time, sell any combination of the securities described in this prospectus in one or more offerings up to a total amount of \$75,000,000.

This prospectus provides you with a general description of the securities we may offer. Each time we sell securities, we will provide a prospectus supplement that will contain specific information about the terms of that offering. The prospectus supplement may also add to, update or change information contained in the prospectus and, accordingly, to the extent inconsistent, information in this prospectus is superseded by the information in the prospectus supplement.

The prospectus supplement to be attached to the front of this prospectus may describe, as applicable: the terms of the securities offered; the public offering price; the price paid for the securities; net proceeds; and the other specific terms related to the offering of the securities.

You should only rely on the information contained or incorporated by reference in this prospectus and any prospectus supplement or issuer free writing prospectus relating to a particular offering. No person has been authorized to give any information or make any representations in connection with this offering other than those contained or incorporated by reference in this prospectus, any accompanying prospectus supplement and any related issuer free writing prospectus in connection with the offering described herein and therein, and, if given or made, such information or representations must not be relied upon as having been authorized by us. Neither this prospectus nor any prospectus supplement nor any related issuer free writing prospectus shall constitute an offer to sell or a solicitation of an offer to buy offered securities in any jurisdiction in which it is unlawful for such person to make such an offering or solicitation. This prospectus does not contain all of the information included in the registration statement. For a more complete understanding of the offering of the securities, you should refer to the registration statement, including its exhibits.

You should read the entire prospectus and any prospectus supplement and any related issuer free writing prospectus, as well as the documents incorporated by reference into this prospectus or any prospectus supplement or any related issuer free writing prospectus, before making an investment decision. Neither the delivery of this prospectus or any prospectus supplement or any issuer free writing prospectus nor any sale made hereunder shall under any circumstances imply that the information contained or incorporated by reference herein or in any prospectus supplement or issuer free writing prospectus is correct as of any date subsequent to the date hereof or of such prospectus supplement or issuer free writing prospectus, as applicable. You should assume that the information appearing in this prospectus, any prospectus supplement or any document incorporated by reference is accurate only as of the date of the applicable documents, regardless of the time of delivery of this prospectus or any sale of securities. Our business, financial condition, results of operations and prospects may have changed since that date.

PROSPECTUS SUMMARY

This summary provides an overview of selected information contained elsewhere or incorporated by reference in this prospectus and does not contain all of the information you should consider before investing in our securities. You should carefully read the prospectus, the information incorporated by reference and the registration statement of which this prospectus is a part in their entirety before investing in our securities, including the information discussed under “Risk Factors” in this prospectus and the documents incorporated by reference and our financial statements and notes thereto that are incorporated by reference in this prospectus. As used in this prospectus, unless the context otherwise indicates, the terms “we,” “our,” “us,” or “the Company” refer to Pioneer Power Solutions, Inc., a Delaware corporation, and its subsidiaries taken as a whole.

The Company

We manufacture specialty electrical transmission and distribution equipment and provide a broad range of custom-engineered and general purpose solutions for applications in the utility, industrial and commercial markets. Our product lines include a wide range of liquid-filled and dry-type power, distribution and specialty electrical transformers, which are magnetic products used in the control and conditioning of electrical current for critical processes. Through acquisitions completed during 2013, we expanded our product range to include certain classes of low and medium voltage switchgear and control systems. Generally, this equipment is used to distribute, monitor and control the flow of electricity, while isolating and protecting critical equipment such as transformers, motors and other machinery. We believe demand for our products will continue to increase based on the aging and overburdened power grid in North America, increasing use of on-site distributed generation and renewables and rapid expansion in critical power needs. We are headquartered in Fort Lee, New Jersey and operate from eight additional locations in the U.S., Canada and Mexico for manufacturing, centralized distribution, engineering, sales and administration.

Our largest customers are primarily located in North America and include many recognized national and regional utilities, industrial companies and engineering, procurement and construction (EPC) firms. In 2013, our two largest customers were Hydro-Quebec Utility Company and Siemens Industry, Inc., both of which have been customers of ours for more than 10 years. In addition, we sell our products to hundreds of electrical distributors served by our direct sales force, independent sales representatives and by our network of independently-operated stocking locations throughout the U.S. We intend to grow our business through acquisitions and internal product development by increasing the scope of highly-engineered solutions we offer our customers for their electrical applications.

Corporate and Other Information

We were originally formed in the State of Nevada in 2008. On November 30, 2009, we merged with and into Pioneer Power Solutions, Inc., a Delaware corporation, for the sole purpose of changing our state of incorporation from Nevada to Delaware and changing our name to “Pioneer Power Solutions, Inc.” Our principal executive offices are located at 400 Kelby Street, 9th Floor, Fort Lee, New Jersey, 07024. Our telephone number is (212) 867-0700. Our website address is www.pioneerpowersolutions.com. Information on or accessed through our website is not incorporated into this prospectus and is not a part of this prospectus.

The Securities We May Offer

We may offer up to \$75,000,000 of common stock, preferred stock, warrants and/or units in one or more offerings and in any combination. This prospectus provides you with a general description of the securities we may offer. A prospectus supplement, which we will provide each time we offer securities, will describe the specific amounts, prices and terms of these securities.

Common Stock

We may issue shares of our common stock from time to time. The holders of our common stock are entitled to one vote per share. Our certificate of incorporation does not provide for cumulative voting. The holders of our common stock are entitled to receive ratably such dividends, if any, as may be declared by our board of directors out of legally available funds; however, the current policy of our board of directors is to retain earnings, if any, for operations and growth. Upon liquidation, dissolution or winding-up, the holders of our common stock are entitled to share ratably in all assets that are legally available for distribution. The holders of our common stock have no preemptive, subscription, redemption or conversion rights. The rights, preferences and privileges of holders of our common stock are subject to, and may be adversely affected by, the rights of the holders of any series of preferred stock, which may be designated solely by action of our board of directors and issued in the future.

Preferred Stock

We may issue shares of our preferred stock from time to time, in one or more series. Our board of directors will determine the rights, preferences, privileges and restrictions of the preferred stock, including dividend rights, conversion rights, voting rights, terms of redemption, liquidation preferences, sinking fund terms and the number of shares constituting any series or the designation of such series, without any further vote or action by stockholders. Convertible preferred stock will be convertible into our common stock or exchangeable for our other securities. Conversion may be mandatory or at your option or both and would be at prescribed conversion rates.

If we sell any series of preferred stock under this prospectus and applicable prospectus supplements, we will fix the rights, preferences, privileges and restrictions of the preferred stock of such series in the certificate of designation relating to that series. We will file as an exhibit to the registration statement of which this prospectus is a part, or will incorporate by reference from reports that we file with the Securities and Exchange Commission, the form of any certificate of designation that describes the terms of the series of preferred stock we are offering before the issuance of the related series of preferred stock. We urge you to read the applicable prospectus supplement related to the series of preferred stock being offered, as well as the complete certificate of designation that contains the terms of the applicable series of preferred stock.

Warrants

We may issue warrants for the purchase of common stock or preferred stock in one or more series. We may issue warrants independently or together with common stock or preferred stock, and the warrants may be attached to or separate from these securities. We will evidence each series of warrants by warrant certificates that we will issue under a separate agreement. We may enter into warrant agreements with a bank or trust company that we select to be our warrant agent. We will indicate the name and address of the warrant agent in the applicable prospectus supplement relating to a particular series of warrants.

In this prospectus, we have summarized certain general features of the warrants. We urge you, however, to read the applicable prospectus supplement related to the particular series of warrants being offered, as well as the warrant agreements and warrant certificates that contain the terms of the warrants. We will file as exhibits to the registration statement of which this prospectus is a part, or will incorporate by reference from reports that we file with the Securities and Exchange Commission, the form of warrant agreement or warrant certificate containing the terms of the warrants we are offering before the issuance of the warrants.

Units

We may issue units consisting of common stock, preferred stock and/or warrants for the purchase of common stock or preferred stock in one or more series. In this prospectus, we have summarized certain general features of the units. We urge you, however, to read the applicable prospectus supplement related to the series of units being offered, as well as the unit agreements that contain the terms of the units. We will file as exhibits to the registration statement of which this prospectus is a part, or will incorporate by reference reports that we file with the Securities and Exchange Commission, the form of unit agreement and any supplemental agreements that describe the terms of the series of units we are offering before the issuance of the related series of units.

Many of our competitors are better established and have significantly greater resources, and may subsidize their competitive offerings with other products and services, which may make it difficult for us to attract and retain customers.

We depend on Hydro-Quebec Utility Company and Siemens Industry, Inc. for a large portion of our business, and any change in the level of orders from Hydro-Quebec Utility Company or Siemens Industry, Inc., could have a significant impact on our results of operations.

The potential loss or departure of key personnel, including Nathan J. Mazurek, our chairman, president and chief executive officer.

·Our ability to expand our business through strategic acquisitions.

·Our ability to integrate acquisitions and related businesses.

·Our ability to generate internal growth, maintain market acceptance of our existing products and gain acceptance for our new products.

· Unanticipated increases in raw material prices or disruptions in supply could increase production costs and adversely affect our profitability.

· Restrictive loan covenants and/or our ability to repay or refinance debt under our credit facilities could limit our future financing options and liquidity position and may limit our ability to grow our business.

· Our ability to realize revenue reported in our backlog.

· Operating margin risk due to competitive pricing and operating efficiencies, supply chain risk, material, labor or overhead cost increases, interest rate risk and commodity risk.

· Strikes or labor disputes with our employees may adversely affect our ability to conduct our business.

A majority of our revenue and a significant portion of our expenditures are derived or spent in Canadian dollars. However, we report our financial condition and results of operations in U.S. dollars. As a result, fluctuations between the U.S. dollar and the Canadian dollar will impact the amount of our revenues and earnings.

· The impact of geopolitical activity on the economy, changes in government regulations such as income taxes, climate control initiatives, the timing or strength of an economic recovery in our markets and our ability to access capital markets.

· Our chairman controls a majority of our combined voting power, and may have, or may develop in the future, interests that may diverge from yours.

· Future sales of large blocks of our common stock may adversely impact our stock price.

· The liquidity and trading volume of our common stock.

You should review carefully the section entitled “Risk Factors” beginning on page 5 of this prospectus for a discussion of these and other risks that relate to our business and investing in our securities. The forward-looking statements contained or incorporated by reference in this prospectus or any prospectus supplement are expressly qualified in their entirety by this cautionary statement. We do not undertake any obligation to publicly update any forward-looking

statement to reflect events or circumstances after the date on which any such statement is made or to reflect the occurrence of unanticipated events.

USE OF PROCEEDS

Unless we specify another use in the applicable prospectus supplement, we will use the net proceeds from the sale of the securities offered by us for general corporate purposes, which may include, among other things, debt repayment, working capital and/or capital expenditures.

We may also use such proceeds to fund acquisitions of businesses, technologies or product lines that complement our current business. We may set forth additional information on the use of net proceeds from the sale of the securities we offer under this prospectus in a prospectus supplement related to a specific offering.

Investors are cautioned, however, that expenditures may vary substantially from these uses. Investors will be relying on the judgment of our management, who will have broad discretion regarding the application of the proceeds of this offering. The amounts and timing of our actual expenditures will depend upon numerous factors, including the amount of cash generated by our operations, the amount of competition and other operational factors. We may find it necessary or advisable to use portions of the proceeds from this offering for other purposes.

From time to time, we evaluate these and other factors and we anticipate continuing to make such evaluations to determine if the existing allocation of resources, including the proceeds of this offering, is being optimized. Circumstances that may give rise to a change in the use of proceeds include:

- our ability to negotiate definitive agreement with acquisition candidates;
- the availability and terms of debt financing to fund a portion of the purchase price(s) for potential acquisitions;
- the need or desire on our part to accelerate, increase or eliminate existing initiatives due to, among other things, changing market conditions and competitive developments; and
- the availability of other sources of cash including cash flow from operations and new bank debt financing arrangements, if any.

Pending other uses, we intend to invest the proceeds to us in investment-grade, interest-bearing securities such as money market funds, certificates of deposit, or direct or guaranteed obligations of the U.S. government, or hold as cash. We cannot predict whether the proceeds invested will yield a favorable, or any, return.

DESCRIPTION OF CAPITAL STOCK

The following description of common stock and preferred stock summarizes the material terms and provisions of the common stock and preferred stock that we may offer under this prospectus, but is not complete. For the complete terms of our common stock and preferred stock, please refer to our amended and restated certificate of incorporation, as amended, any certificates of designation for our preferred stock, and our amended and restated bylaws, as may be amended from time to time. While the terms we have summarized below will apply generally to any future common stock or preferred stock that we may offer, we will describe the specific terms of any series of preferred stock in more detail in the applicable prospectus supplement. If we so indicate in a prospectus supplement, the terms of any preferred stock we offer under that prospectus supplement may differ from the terms we describe below.

We have authorized 35,000,000 shares of capital stock, par value \$0.001 per share, of which 30,000,000 are shares of common stock and 5,000,000 are shares of “blank check” preferred stock. On March 18, 2014, there were 7,172,255 shares of common stock issued and outstanding and no shares of preferred stock issued and outstanding. The authorized and unissued shares of common stock and the authorized and undesignated shares of preferred stock are available for issuance without further action by our stockholders, unless such action is required by applicable law or the rules of any stock exchange on which our securities may be listed. Unless approval of our stockholders is so required, our board of directors does not intend to seek stockholder approval for the issuance and sale of our common stock or preferred stock.

Common Stock

The holders of our common stock are entitled to one vote per share. Our certificate of incorporation does not provide for cumulative voting. The holders of our common stock are entitled to receive ratably such dividends, if any, as may be declared by our board of directors out of legally available funds; however, the current policy of our board of directors is to retain earnings, if any, for operations and growth. Upon liquidation, dissolution or winding-up, the holders of our common stock are entitled to share ratably in all assets that are legally available for distribution. The holders of our common stock have no preemptive, subscription, redemption or conversion rights. The rights, preferences and privileges of holders of our common stock are subject to, and may be adversely affected by, the rights of the holders of any series of preferred stock, which may be designated solely by action of our board of directors and issued in the future.

The transfer agent and registrar for our common stock is Action Stock Transfer Corp. The transfer agent’s address is 2469 E. Fort Union Blvd., Suite 214, Salt Lake City, Utah 84121. Our common stock is listed on the Nasdaq Capital Market under the symbol “PPSI.”

Preferred Stock

The board of directors is authorized, subject to any limitations prescribed by law, without further vote or action by the stockholders, to issue from time to time shares of preferred stock in one or more series. Each such series of preferred stock shall have such number of shares, designations, preferences, voting powers, qualifications, and special or relative rights or privileges as shall be determined by the board of directors, which may include, among others, dividend rights, voting rights, liquidation preferences, conversion rights and preemptive rights. Issuance of preferred stock by our board of directors may result in such shares having dividend and/or liquidation preferences senior to the rights of the holders of our common stock and could dilute the voting rights of the holders of our common stock.

Prior to the issuance of shares of each series of preferred stock, the board of directors is required by the Delaware General Corporation Law and our certificate of incorporation to adopt resolutions and file a certificate of designation with the Secretary of State of the State of Delaware. The certificate of designation fixes for each class or series the designations, powers, preferences, rights, qualifications, limitations and restrictions, including, but not limited to, some or all of the following:

the number of shares constituting that series and the distinctive designation of that series, which number may be increased or decreased (but not below the number of shares then outstanding) from time to time by action of the board of directors;

the dividend rate and the manner and frequency of payment of dividends on the shares of that series, whether dividends will be cumulative, and, if so, from which date;

whether that series will have voting rights, in addition to any voting rights provided by law, and, if so, the terms of such voting rights;

whether that series will have conversion privileges, and, if so, the terms and conditions of such conversion, including provision for adjustment of the conversion rate in such events as the board of directors may determine;

whether or not the shares of that series will be redeemable, and, if so, the terms and conditions of such redemption;

whether that series will have a sinking fund for the redemption or purchase of shares of that series, and, if so, the terms and amount of such sinking fund;

whether or not the shares of the series will have priority over or be on a parity with or be junior to the shares of any other series or class in any respect;

the rights of the shares of that series in the event of voluntary or involuntary liquidation, dissolution or winding up of the corporation, and the relative rights or priority, if any, of payment of shares of that series; and

any other relative rights, preferences and limitations of that series.

Once designated by our board of directors, each series of preferred stock may have specific financial and other terms that will be described in a prospectus supplement. The description of the preferred stock that is set forth in any prospectus supplement is not complete without reference to the documents that govern the preferred stock. These include our certificate of incorporation and any certificates of designation that our board of directors may adopt.

All shares of preferred stock offered hereby will, when issued, be fully paid and nonassessable, including shares of preferred stock issued upon the exercise of preferred stock warrants or subscription rights, if any.

Although our board of directors has no intention at the present time of doing so, it could authorize the issuance of a series of preferred stock that could, depending on the terms of such series, impede the completion of a merger, tender offer or other takeover attempt.

Registration Rights

In connection with our \$5 million private placement of common stock on December 2, 2009, we agreed to use our best efforts to file a registration statement with the Securities and Exchange Commission on or before February 1, 2010 covering the resale of the shares of common stock issued in such private placement, and to cause such registration statement to be declared effective by the Securities and Exchange Commission on or before May 31, 2010. As required, we filed a registration statement on January 25, 2010, which was originally declared effective on April 20, 2010 and remains in effect.

We granted to Provident Pioneer Partners, L.P. and Genesis Capital Advisors, LLC piggyback registration rights, pursuant to which we agreed to register the shares of common stock issuable upon the exercise of the warrants held by them in the event that we determined to prepare and file a registration statement with the Securities and Exchange Commission relating to an offering of any of our equity securities for our own account or the account of others under the Securities Act of 1933, as amended, subject to certain exemptions. These shares were included in the effective registration statement described above.

Delaware Anti-Takeover Law and Provisions of our Certificate of Incorporation and Bylaws

Delaware Anti-Takeover Law

We are subject to Section 203 of the Delaware General Corporation Law. Section 203 generally prohibits a public 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, unless:

prior to the date of the transaction, the board of directors of the corporation approved either the business combination or the transaction which resulted in the stockholder 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 (i) shares owned by persons who are directors and also officers and (ii) shares owned by employee stock plans in which employee participants do not have the right to determine confidentially whether shares held subject to the plan will be tendered in a tender or exchange offer; or

on or subsequent to the date of the transaction, the business combination is approved by the board and authorized at an annual or special meeting of stockholders, and not by written consent, by the affirmative vote of at least 66 2/3% of the outstanding voting stock which is not owned by the interested stockholder.

Section 203 defines a business combination to include:

any merger or consolidation involving the corporation and the interested stockholder;

any sale, transfer, pledge or other disposition involving the interested stockholder of 10% or more of the assets of the corporation;

subject to exceptions, any transaction that results in the issuance or transfer by the corporation of any stock of the corporation to the interested stockholder; or

the receipt by the interested stockholder of the benefit of any loans, advances, guarantees, pledges or other financial benefits provided by or through the corporation.

In general, Section 203 defines an interested stockholder as any entity or person beneficially owning 15% or more of the outstanding voting stock of the corporation and any entity or person affiliated with, or controlling, or controlled by, the entity or person. The term "owner" is broadly defined to include any person that, individually, with or through that person's affiliates or associates, among other things, beneficially owns the stock, or has the right to acquire the stock, whether or not the right is immediately exercisable, under any agreement or understanding or upon the exercise of warrants or options or otherwise or has the right to vote the stock under any agreement or understanding, or has an agreement or understanding with the beneficial owner of the stock for the purpose of acquiring, holding, voting or disposing of the stock.

The restrictions in Section 203 do not apply to corporations that have elected, in the manner provided in Section 203, not to be subject to Section 203 of the Delaware General Corporation Law or, with certain exceptions, which do not have a class of voting stock that is listed on a national securities exchange or authorized for quotation on the Nasdaq Stock Market or held of record by more than 2,000 stockholders. Our certificate of incorporation and bylaws do not opt out of Section 203.

Section 203 could delay or prohibit mergers or other takeover or change in control attempts with respect to us and, accordingly, may discourage attempts to acquire us even though such a transaction may offer our stockholders the opportunity to sell their stock at a price above the prevailing market price.

Certificate of Incorporation and Bylaws

So long as Provident Pioneer Partners, L.P., which is controlled by Nathan J. Mazurek, maintains a majority of the voting power of our common stock, Mr. Mazurek will effectively control all matters submitted to our stockholders for a vote, as well as the overall management and direction of our company, which may have the effect of delaying, deferring or discouraging another person from acquiring control of our company.

After such time that Provident Pioneer Partners, L.P. or any other entity controlled by Mr. Mazurek does not maintain a majority of the voting power of our common stock, the provisions of our certificate of incorporation and bylaws may delay or discourage transactions involving an actual or potential change in our control or change in our management, including transactions in which stockholders might otherwise receive a premium for their shares, or transactions that our stockholders might otherwise deem to be in their best interests. Therefore, these provisions could adversely affect the price of our common stock. Among other things, our certificate of incorporation and bylaws:

provide that special meetings of stockholders may be called only by our chairman, our president or by a resolution adopted by a majority of our board of directors;

do not include a provision for cumulative voting in the election of directors. Under cumulative voting, a minority stockholder holding a sufficient number of shares may be able to ensure the election of one or more directors. The absence of cumulative voting may have the effect of limiting the ability of minority stockholders to effect changes in our board of directors; and

allow us to issue, without stockholder approval, up to 5,000,000 shares of preferred stock that could adversely affect the rights and powers of the holders of our common stock.

DESCRIPTION OF WARRANTS

As of March 18, 2014, there were 690,600 shares of common stock that may be issued upon exercise of outstanding warrants.

We may issue warrants for the purchase of common stock or preferred stock in one or more series. We may issue warrants independently or together with common stock or preferred stock, and the warrants may be attached to or separate from these securities.

We will evidence each series of warrants by warrant certificates that we may issue under a separate agreement. We may enter into a warrant agreement with a warrant agent. Each warrant agent may be a bank that we select which has its principal office in the United States. We may also choose to act as our own warrant agent. We will indicate the name and address of any such warrant agent in the applicable prospectus supplement relating to a particular series of warrants.

We will describe in the applicable prospectus supplement the terms of the series of warrants, including:

- the offering price and aggregate number of warrants offered;

- if applicable, the designation and terms of the securities with which the warrants are issued and the number of warrants issued with each such security or each principal amount of such security;

- if applicable, the date on and after which the warrants and the related securities will be separately transferable;

- in the case of warrants to purchase common stock or preferred stock, the number or amount of shares of common stock or preferred stock, as the case may be, purchasable upon the exercise of one warrant and the price at which and currency in which these shares may be purchased upon such exercise;

- the manner of exercise of the warrants, including any cashless exercise rights;

- the warrant agreement under which the warrants will be issued;

- the effect of any merger, consolidation, sale or other disposition of our business on the warrant agreement and the warrants;

- anti-dilution provisions of the warrants, if any;
- the terms of any rights to redeem or call the warrants;

- any provisions for changes to or adjustments in the exercise price or number of securities issuable upon exercise of the warrants;

- the dates on which the right to exercise the warrants will commence and expire or, if the warrants are not continuously exercisable during that period, the specific date or dates on which the warrants will be exercisable;

- the manner in which the warrant agreement and warrants may be modified;

- the identities of the warrant agent and any calculation or other agent for the warrants;

· federal income tax consequences of holding or exercising the warrants;

· the terms of the securities issuable upon exercise of the warrants;

· any securities exchange or quotation system on which the warrants or any securities deliverable upon exercise of the warrants may be listed or quoted; and

· any other specific terms, preferences, rights or limitations of or restrictions on the warrants.

Before exercising their warrants, holders of warrants will not have any of the rights of holders of the securities purchasable upon such exercise, including, in the case of warrants to purchase common stock or preferred stock, the right to receive dividends, if any, or, payments upon our liquidation, dissolution or winding up or to exercise voting rights, if any.

Exercise of Warrants

Each warrant will entitle the holder to purchase the securities that we specify in the applicable prospectus supplement at the exercise price that we describe in the applicable prospectus supplement. Unless we otherwise specify in the applicable prospectus supplement, holders of the warrants may exercise the warrants at any time up to 5:00 P.M. eastern time, the close of business, on the expiration date that we set forth in the applicable prospectus supplement. After the close of business on the expiration date, unexercised warrants will become void.

Holders of the warrants may exercise the warrants by delivering the warrant certificate representing the warrants to be exercised together with specified information, and paying the required exercise price by the methods provided in the applicable prospectus supplement. We will set forth on the reverse side of the warrant certificate, and in the applicable prospectus supplement, the information that the holder of the warrant will be required to deliver to the warrant agent.

Upon receipt of the required payment and the warrant certificate properly completed and duly executed at the corporate trust office of the warrant agent or any other office indicated in the applicable prospectus supplement, we will issue and deliver the securities purchasable upon such exercise. If fewer than all of the warrants represented by the warrant certificate are exercised, then we will issue a new warrant certificate for the remaining amount of warrants.

Enforceability of Rights By Holders of Warrants

Any warrant agent will act solely as our agent under the applicable warrant agreement and will not assume any obligation or relationship of agency or trust with any holder of any warrant. A single bank or trust company may act as warrant agent for more than one issue of warrants. A warrant agent will have no duty or responsibility in case of any default by us under the applicable warrant agreement or warrant, including any duty or responsibility to initiate any proceedings at law or otherwise, or to make any demand upon us. Any holder of a warrant may, without the consent of the related warrant agent or the holder of any other warrant, enforce by appropriate legal action the holder's right to exercise, and receive the securities purchasable upon exercise of, its warrants in accordance with their terms.

Warrant Agreement Will Not Be Qualified Under Trust Indenture Act

No warrant agreement will be qualified as an indenture, and no warrant agent will be required to qualify as a trustee, under the Trust Indenture Act. Therefore, holders of warrants issued under a warrant agreement will not have the protection of the Trust Indenture Act with respect to their warrants.

Governing Law

Each warrant agreement and any warrants issued under the warrant agreements will be governed by New York law.

DESCRIPTION OF UNITS

We may issue units comprised of one or more of the other securities described in this prospectus or any prospectus supplement in any combination. Each unit will be issued so that the holder of the unit is also the holder, with the rights and obligations of a holder, of each security included in the unit. The unit agreement under which a unit is issued may provide that the securities included in the unit may not be held or transferred separately, at any time or at any times before a specified date or upon the occurrence of a specified event or occurrence.

The applicable prospectus supplement will describe:

the designation and the terms of the units and of the securities comprising the units, including whether and under what circumstances those securities may be held or transferred separately;

any unit agreement under which the units will be issued;

any provisions for the issuance, payment, settlement, transfer or exchange of the units or of the securities comprising the units; and

whether the units will be issued in fully registered or global form.

PLAN OF DISTRIBUTION

We may sell the securities being offered pursuant to this prospectus to or through underwriters, through dealers, through agents, or directly to one or more purchasers or through a combination of these methods. The applicable prospectus supplement will describe the terms of the offering of the securities, including:

- the name or names of any underwriters, if any, and if required, any dealers or agents;
- the purchase price of the securities and the proceeds we will receive from the sale;
- any underwriting discounts and other items constituting underwriters' compensation;
- any discounts or concessions allowed or reallocated or paid to dealers; and
- any securities exchange or market on which the securities may be listed or traded.

We may distribute the securities from time to time in one or more transactions at:

- a fixed price or prices, which may be changed;
- market prices prevailing at the time of sale, directly by us or through a designated agent;
- prices related to such prevailing market prices; or
- negotiated prices.

Only underwriters named in the prospectus supplement are underwriters of the securities offered by the prospectus supplement.

If underwriters are used in an offering, we will execute an underwriting agreement with such underwriters and will specify the name of each underwriter and the terms of the transaction (including any underwriting discounts and other

terms constituting compensation of the underwriters and any dealers) in a prospectus supplement. The securities may be offered to the public either through underwriting syndicates represented by managing underwriters or directly by one or more investment banking firms or others, as designated. If an underwriting syndicate is used, the managing underwriter(s) will be specified on the cover of the prospectus supplement. If underwriters are used in the sale, the offered securities will be acquired by the underwriters for their own accounts and may be resold from time to time in one or more transactions, including negotiated transactions, at a fixed public offering price or at varying prices determined at the time of sale. Any public offering price and any discounts or concessions allowed or reallocated or paid to dealers may be changed from time to time. Unless otherwise set forth in the prospectus supplement, the obligations of the underwriters to purchase the offered securities will be subject to conditions precedent, and the underwriters will be obligated to purchase all of the offered securities, if any are purchased.

We may grant to the underwriters options to purchase additional securities to cover over-allotments, if any, at the public offering price, with additional underwriting commissions or discounts, as may be set forth in a related prospectus supplement. The terms of any over-allotment option will be set forth in the prospectus supplement for those securities.

If we use a dealer in the sale of the securities being offered pursuant to this prospectus or any prospectus supplement, we will sell the securities to the dealer, as principal. The dealer may then resell the securities to the public at varying prices to be determined by the dealer at the time of resale. The names of the dealers and the terms of the transaction will be specified in a prospectus supplement.

We may sell the securities directly or through agents we designate from time to time. We will name any agent involved in the offering and sale of securities and we will describe any commissions we will pay the agent in the prospectus supplement. Unless the prospectus supplement states otherwise, any agent will act on a best-efforts basis for the period of its appointment.

We may authorize agents or underwriters to solicit offers by institutional investors to purchase securities from us at the public offering price set forth in the prospectus supplement pursuant to delayed delivery contracts providing for payment and delivery on a specified date in the future. We will describe the conditions to these contracts and the commissions we must pay for solicitation of these contracts in the prospectus supplement.

In connection with the sale of the securities, underwriters, dealers or agents may receive compensation from us or from purchasers of the securities for whom they act as agents, in the form of discounts, concessions or commissions. Underwriters may sell the securities to or through dealers, and those dealers may receive compensation in the form of discounts, concessions or commissions from the underwriters or commissions from the purchasers for whom they may act as agents. Underwriters, dealers and agents that participate in the distribution of the securities, and any institutional investors or others that purchase securities directly for the purpose of resale or distribution, may be deemed to be underwriters, and any discounts or commissions received by them from us and any profit on the resale of the common stock by them may be deemed to be underwriting discounts and commissions under the Securities Act of 1933, as amended.

We may provide agents, underwriters and other purchasers with indemnification against particular civil liabilities, including liabilities under the Securities Act of 1933, as amended, or contribution with respect to payments that the agents, underwriters or other purchasers may make with respect to such liabilities. Agents and underwriters may engage in transactions with, or perform services for, us in the ordinary course of business.

To facilitate the public offering of a series of securities, persons participating in the offering may engage in transactions that stabilize, maintain, or otherwise affect the market price of the securities. This may include over-allotments or short sales of the securities, which involves the sale by persons participating in the offering of more securities than have been sold to them by us. In addition, those persons may stabilize or maintain the price of the securities by bidding for or purchasing securities in the open market or by imposing penalty bids, whereby selling concessions allowed to underwriters or dealers participating in any such offering may be reclaimed if securities sold by them are repurchased in connection with stabilization transactions. The effect of these transactions may be to stabilize or maintain the market price of the securities at a level above that which might otherwise prevail in the open market. Such transactions, if commenced, may be discontinued at any time. We make no representation or prediction as to the direction or magnitude of any effect that the transactions described above, if implemented, may have on the price of our securities.

Unless otherwise specified in the applicable prospectus supplement, any common stock sold pursuant to a prospectus supplement will be eligible for listing on the Nasdaq Capital Market, subject to official notice of issuance. Any underwriters to whom securities are sold by us for public offering and sale may make a market in the securities, but such underwriters will not be obligated to do so and may discontinue any market making at any time without notice.

In order to comply with the securities laws of some states, if applicable, the securities offered pursuant to this prospectus will be sold in those states only through registered or licensed brokers or dealers. In addition, in some states securities 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 complied with.

LEGAL MATTERS

The validity of the securities offered by this prospectus will be passed upon by Haynes and Boone, LLP, New York, New York.

EXPERTS

The financial statements incorporated in this prospectus by reference to the Annual Report on Form 10-K for the fiscal year ended December 31, 2013 have been so incorporated in reliance on the report of Richter LLP, an independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

WHERE YOU CAN FIND MORE INFORMATION

We are subject to the informational requirements of the Securities Exchange Act of 1934, as amended, and in accordance therewith file annual, quarterly and current reports, proxy statements and other information with the Securities and Exchange Commission. Such reports, proxy statements and other information can be read and copied at the Securities and Exchange Commission's public reference facilities at 100 F Street, N.E., Washington, D.C. 20549, at prescribed rates. Please call the Securities and Exchange Commission at 1-800-732-0330 for further information on the operation of the public reference facilities. In addition, the Securities and Exchange Commission maintains a website that contains reports, proxy and information statements and other information regarding registrants that file electronically with the Securities and Exchange Commission. The address of the Securities and Exchange Commission's website is www.sec.gov.

We make available free of charge on or through our website at www.pioneerpowersolutions.com, our Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and amendments to those reports filed or furnished pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended, as soon as reasonably practicable after we electronically file such material with or otherwise furnish it to the Securities and Exchange Commission.

We have filed with the Securities and Exchange Commission a registration statement under the Securities Act of 1933, as amended, relating to the offering of these securities. The registration statement, including the attached exhibits, contains additional relevant information about us and the securities. This prospectus does not contain all of the information set forth in the registration statement. You can obtain a copy of the registration statement, at prescribed rates, from the Securities and Exchange Commission at the address listed above, or for free at

www.sec.gov. The registration statement and the documents referred to below under “Incorporation of Certain Information By Reference” are also available on our website, www.pioneerpowersolutions.com.

We have not incorporated by reference into this prospectus the information on our website, and you should not consider it to be a part of this prospectus.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The Securities and Exchange Commission allows us to “incorporate by reference” the information we have filed with it, which means that we can disclose important information to you by referring you to those documents. The information we incorporate by reference is an important part of this prospectus, and later information that we file with the Securities and Exchange Commission will automatically update and supersede this information. We incorporate by reference the documents listed below and any future documents (excluding information furnished pursuant to Items 2.02 and 7.01 of Form 8-K) we file with the Securities and Exchange Commission pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934, as amended, subsequent to the date of this prospectus and prior to the termination of the offering:

Our Annual Report on Form 10-K for the fiscal year ended December 31, 2013, filed with the Securities and Exchange Commission on March 14, 2014;

The description of our common stock, which is contained in our registration statement on Form 8-A, filed with the Securities and Exchange Commission on September 17, 2013, and any amendment or reports filed for the purpose of updating such description.

All filings filed by us pursuant to the Securities Exchange Act of 1934, as amended, after the date of the initial filing of this registration statement and prior to the effectiveness of such registration statement (excluding information furnished pursuant to Items 2.02 and 7.01 of Form 8-K) shall also be deemed to be incorporated by reference into the prospectus.

You should rely only on the information incorporated by reference or provided in this prospectus. We have not authorized anyone else to provide you with different information. You should not assume that the information in this prospectus is accurate as of any date other than the date of this prospectus or the date of the documents incorporated by reference in this prospectus.

We will provide without charge to each person to whom a copy of this prospectus is delivered, upon written or oral request, a copy of any or all of the information that has been incorporated by reference in this prospectus but not delivered with this prospectus (other than an exhibit to these filings, unless we have specifically incorporated that exhibit by reference in this prospectus). Any such request should be addressed to us at: 400 Kelby Street, 9th Floor, Fort Lee, New Jersey 07024, Attention: Andrew Minkow, Chief Financial Officer, or made by phone at (212) 867-0700. You may also access the documents incorporated by reference in this prospectus through our website at www.pioneerpowersolutions.com. Except for the specific incorporated documents listed above, no information available on or through our website shall be deemed to be incorporated in this prospectus or the registration statement of which it forms a part.

\$75,000,000

COMMON STOCK

PREFERRED STOCK

WARRANTS

UNITS

PROSPECTUS

Shares

Common Stock

PROSPECTUS SUPPLEMENT

Sole Book-Running Manager

Roth Capital Partners

Co-Manager

Monarch Capital Group

, 2015