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

FORM 8-K

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

Date of report (Date of earliest event reported): September 17, 2018 (September 17, 2018)

TECOGEN INC.
(Exact Name of Registrant as Specified in Charter)

Delaware
(State or Other Jurisdiction of Incorporation)

001-36103	04-3536131
(Commission File Number)	(IRS Employer Identification No.)
45 First Avenue Waltham, Massachusetts	2451
(Address of Principal Executive Offices)	(Zip Code)

(781) 622-1120
(Registrant's telephone number, including area code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter). Emerging growth company ☑

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Item 8.01. Other Events

On September 17, 2018, Tecogen Inc. (the "Company") sent to its shareholders a letter describing the relevance and advantages of the Company’s products as solutions for generating and delivering energy in light of vulnerabilities of the electric grid. This letter is being furnished as Exhibit 99.01 to this Current Report on Form 8-K.

The information in this Item 8.01 and Exhibit 99.01 to this Form 8-K shall not be deemed "filed" for purposes of Section 18 of the Exchange Act or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act or the Exchange Act, except as expressly set forth by specific reference in such a filing.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits

The following exhibits relating to Item 8.01 shall be deemed to be furnished, and not filed:

Exhibit	Description
99.01	Shareholder Letter dated September 17, 2018
99.02	Press Release dated November 15, 2012
99.03	Press Release dated November 10, 2011

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Company has duly caused this report to be signed on its behalf by the undersigned, hereunto duly authorized.

TECOGEN INC.

By: /s/ Bonnie Brown

Bonnie Brown, Principal Financial & Accounting Officer

September 17, 2018

Peak Hurricane Season Reemphasizes Grid Vulnerability and Tecogen Relevance

September 17, 2018

Dear Shareholder,

As we enter the peak period for the 2018 Atlantic hurricane season, we wish to remind our shareholders of the increased vulnerability of the east coast to prolonged disruptions to the power grid and our technologies' unique relevance to this situation. Many of you may recall the dire consequences of Hurricane Sandy to the New York City area several years ago where our InVerde customers were able to continue their normal activities throughout the sustained power loss in their neighborhoods (see our Sandy press release https://ir.tecogen.com/press-releases/detail/163/grid-independent-cogen-system-from-tecogen-comes-through and related customer video https://www.youtube.com/watch?v=-SIbcNG_cQY). Our InVerde CHP product had been developed to thread the needle between being utility friendly – operationally very safe to their sensitive urban networks – while being able to assume the role of a reliable backup power source.

Today grid resilience is a dominant factor in our recent sales growth. Our flagship InVerde CHP product is universally applied in this dual role of an energy saving device in its day-to-day use but able to establish the facility as an electrified island (or microgrid) when the power goes out for extended periods (our NYC beverage warehouse customer, described in our press release on Nov 12, 2011, has operated as an island continuously for 7 years -http://investors.tecogen.com/2011-11-10-Keeping-the-Lights-on-and-the-Beer-Cold). There are numerous reasons why our technology is dominant in the east coast distributed generation (DG) market, where the grid is regarded as the most vulnerable:

- Our patented CERTS microgrid technology is simple, reliable, and inexpensive to implement. Based on algorithms for control developed by researchers at the University of Wisconsin and exclusively licensed to Tecogen, it's truly a plug and play solution. When called upon to operate in backup mode it does so seamlessly without the highly complex controls and load balancing batteries typically used in competing generator technologies.
- Our emissions levels are extraordinarily low due to our patented Ultera after-treatment process. In third party tests, measured levels of criteria pollutants (smog, etc.) produced by Tecogen products are comparable to those of natural gas-powered fuel cells. Ultera equipped natural gas engines remain the only engines permitted in Southern California for continuous operation without operational constraints since the current standards were implemented in 2008. The value of this feature is paramount where the grid reliability is of greatest concern in highly congested urban regions with aged power grids and great sensitivity to air quality. Both features characterize much of the US eastern seaboard.
- Tecogen's 125 kW InVerde module is highly compact, with a footprint about the size of a standard plywood panel. The congested urban DG application is not amenable to large, bulky equipment such as fuel cells which, on a kW basis, typically require approximately 4 to 5 times the weight and floor space as InVerde products with similar kW capacity.

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www.tecogen.com

- Tecogen's InVerde technology is far less expensive than that of fuel cells or microturbines. The increased cost (and size) of fuel cells is substantial due to the additional complex device needed to convert natural gas to hydrogen, an unnecessary step for Tecogen natural gas engines. Generally, their true cost without government subsidies is over 5X the InVerde cost on a per kW basis. Microturbines are similarly impacted by an additional process step that impacts cost but also efficiency: the pipeline gas pressure must be boosted 100-fold before being supplied to the turbine. The required gas compression device is costly, energy intensive, and a major service item. Unless sited outdoors, often impractical in urban settings, safety code constraints for the high-pressure gas become problematic.
- Tecogen's InVerde product is more efficient than both fuel cells and microturbine products. Tecogen's InVerde product has an efficiency of just over 90%. The most common and latest fuel cell technology (solid oxide type) has an efficiency of about 52%, while commercially available microturbines are typically 75% to 80% efficient when applied to typical CHP applications where gas boosting is required and hot (not tepid) water is needed.

We believe the increased concern for grid resiliency will become more acute, especially in the vulnerable eastern seaboard. Tecogen's CHP products offer reliable grid resiliency – while providing rapid payback due to day-to-day energy savings. Given our long-term success – with over 3000 units sold to date, including 200 plus InVerde sales in the greater New York region – and our technical advantages over other technologies, we are well positioned for continued growth and market dominance.

Our chiller products, which require almost no electrical power to operate, offer the same grid resiliency benefit as the InVerde CHP products. That is, with a very modest standby generator assistance, critical air conditioning can be maintained for extended periods when the power fails, a feature first demonstrated in a Tecochill-cooled Florida hotel when hurricane Andrew struck in 1992.

We believe that our products offer compelling solutions in environments that need clean and efficient energy while minimizing dependence on a vulnerable electric grid, and we believe that we are well positioned to respond to those needs.

Best Regards,

John Hatsopoulos
Honorary Chairman,Tecogen Inc.

Benjamin Locke
CEO, Tecogen Inc.

Robert Panora
President & COO, Tecogen Inc.

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Forward Looking Statements

This letter contains “forward-looking statements” which may describe strategies, goals, outlooks or other non-historical matters, or projected revenues, income, returns or other financial measures, that may include words such as "believe," "expect," "anticipate," "intend," "plan," "estimate," "project," "target," "potential," "will," "should," "could," "likely," or "may" and similar expressions intended to identify forward-looking statements. These statements are only predictions and involve known and unknown risks, uncertainties, and other factors that may cause our actual results to differ materially from those expressed or implied by such forward-looking statements. Given these uncertainties, you should not place undue reliance on these forward-looking statements. Forward-looking statements speak only as of the date on which they are made, and we undertake no obligation to update or revise any forward-looking statements.

In addition to those factors described in our Annual Report on Form 10-K and our Quarterly Reports on Form 10-Q under “Risk Factors”, among the factors that could cause actual results to differ materially from past and projected future results are the following: fluctuations in demand for our products and services, competing technological developments, issues relating to research and development, the availability of incentives, rebates, and tax benefits relating to our products and services, changes in the regulatory environment relating to our products and services, integration of acquired business operations, and the ability to obtain financing on favorable terms to fund existing operations and anticipated growth.

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November 15, 2012

Grid-independent Cogen System from Tecogen Comes Through for Greenwich Village Coop Building During Superstorm Sandy

WALTHAM, Mass., Nov. 15, 2012 /PRNewswire/ -- Tecogen Inc., a pioneering force in distributed power generation, today reported that the Brevoort, a 1950's era coop tower in Greenwich Village, NY, maintained power, water and heat during the wide spread power outages left in the wake of Superstorm Sandy thanks to Tecogen's combined heat and power (CHP) system. The four Tecogen InVerde units providing power to the building are designed to provide not only efficient, economical and clean power day in and day out, but to continue functioning even in the case of a grid failure and black-out.

The Brevoort coop board converted the 20–story building from oil heat to the natural CHP system as part of an energy-efficiency green initiative that was fully implemented in 2010. In New York City, Tecogen's cogeneration systems can operate in parallel with Con Edison utilities during periods of regularly available power. During a power grid failure Tecogen's proprietary inverter and microgrid technology will continue to provide power to the residences.

"Having our own power source gives us control of our energy usage and provides a stand-alone system when the local utility fails," said Diane Nardone, President of the Brevoort coop board. "When Sandy hit, Con Edison cut power to the lower 1/3 of Manhattan. Every other building in our neighborhood, with the exception of some NYU facilities, lost power, heat, and in many cases, water. Investing in this technology has given us environmental and economic benefits and the added security of knowing that we can stay up and running no matter what nature throws at us. Powered by our CHP system, we were the only building on lower Fifth Avenue able to provide energy and full service to our residents. A twenty-story climb is not what our shareholders have in mind when they buy apartments in this building."

"The Brevoort usually houses about 720 people but those numbers swelled to roughly 1,500 as people came from other parts of NYC," said Joe Weinschreider from Energy Concepts, the design engineers for the Brevoort CHP plant. "The Tecogen CHP system powered the entire building including the central boilers, domestic water pumps, all elevators and all apartments. The plant ran 24/7 under computerized control with remote monitoring until ConEd power was restored five days after the storm."

"Our hearts go out to our many friends, families and the communities affected by the

storm," said Robert Panora, president and COO of Tecogen. "Tecogen is proud to offer systems that provide security against a city-wide black-out and help save money, gain energy efficiency and reduce the carbon footprint."

Tecogen CHP systems offer energy efficiency, carbon reduction, and the ability to meet today's most stringent air quality requirements by virtually eliminating criteria pollutants (contributors to smog) using a proprietary two-stage emission system. A combination of microgrid capabilities, interconnection certification, black start and high part-load efficiencies, makes Tecogen systems a particularly successful way to produce cleaner, reliable and more efficient energy.

About Tecogen Inc.
Tecogen manufactures highly efficient, ultra-clean Combined Heat and Power products including natural gas engine-driven cogeneration, air conditioning systems, and high-efficiency water heaters for industrial and commercial use. Tecogen has an installed base of more than 2,100 units, supported by an established network of engineering, sales, and service personnel across the United States. For more information, please visit www.tecogen.com.

FORWARD-LOOKING STATEMENTS
This press release contains forward-looking statements under the Private Securities Litigation Reform Act of 1995 that involve a number of risks and uncertainties. Important factors could cause actual results to differ materially from those indicated by such forward-looking statements, as disclosed on the Company's website and in Securities and Exchange Commission filings. The statements in this press release are made as of the date of this press release, even if subsequently made available by the Company on its website or otherwise. The Company does not assume any obligation to update the forward-looking statements provided to reflect events that occur or circumstances that exist after the date on which they were made.

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SOURCE Tecogen Inc.

News Releases

Keeping the Lights on and the Beer Cold

Tecogen Cogeneration Systems Help Achieve Grid Independence While Supporting a Renewable Energy Future

PR Newswire

WALTHAM

WALTHAM, Mass., Nov. 10, 2011 /PRNewswire/ -- Tecogen Inc., a pioneering force in distributed power generation announced today that at Red Hook pier in Brooklyn, Phoenix Beverages, one of New York City's largest beer distributors, enjoyed an energy-efficient and grid-independent operation throughout the power outages that plagued much of the Northeast, US last week.

The company achieved this independence and smooth operation thanks to its on-site power (600kW) combined heat and power (CHP) plant, designed by Rochester, NY-based Energy Concepts Engineering and featuring six Tecogen InVerde CHP systems.

"While it is clear that given its lower emissions and greater energy efficiencies, natural gas cogeneration may represent the most practical bridge to an energy efficient future," said Robert Panora, president and COO of Tecogen Inc. "It is also true that a cogeneration strategy may represent a compelling alternative to power grid dependence."

"With six Tecogen InVerde units available, our system is designed to sustain our remote microgrid with maximum reliability and efficiency," said Patrick Simeone, director of facilities management. "With the 90+ percent efficient power plant driving our grid independent CHP strategy, we expect to save more than half a million dollars and reduce carbon emissions by more than 3,100 tons annually."

Prior to its use as a beverage-distribution facility, the building was used as a cocoa warehouse. While there were some electric lines running to the pier, they were not capable of handling anything approaching the power load required by Phoenix Beverage's cutting edge, fully temperature controlled warehouse.

Phoenix Beverages, one of New York's largest beer distributors, is the exclusive distributor of Heineken, Amstel, Guinness, Brooklyn Brewery, Anchor Steam and other beverages. Its fleet of some 250 trucks make more than 2500 daily deliveries.

Lighting, cooling and mobility functions essential to the facility's operation represent highly demanding power requirements. Within the massive building, individual temperature-controlled rooms store the beverages at optimal temperatures thanks to the electric refrigeration equipment. A large forklift recharging station keeps the many battery-powered forklifts operating. Finally, the warehouse must be heated in the winter and cooled in the summer. The CHP system is meeting all these challenges.

About Tecogen

Tecogen manufactures highly efficient, ultra-clean Combined Heat and Power (CHP) products including natural gas engine-driven cogeneration and air conditioning systems for industrial and commercial use. Tecogen has an installed base of more than 2,000 units supported by an established network of engineering, sales and service personnel across the United States. For more information, please visit www.tecogen.com.

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