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Tecogen Publishes Electrification Policy Paper

WALTHAM, MA / ACCESSWIRE / May 26, 2020 /[Tecogen Inc.](#) (NASDAQ:TGEN), a clean energy company providing ultra-efficient and clean on-site power, heating and cooling equipment, is pleased to announce the publication of a white paper entitled "Building Electrification Policy and Combined Heat and Power Relevance." The paper gives an in-depth analysis of why electrification policy is generally counterproductive to its carbon reduction goals, especially when compared to combined heat and power (CHP). The paper is authored by Robert Panora, Tecogen Chief Operating Officer, and Charles T. Maxwell, special advisor to the Tecogen Board of Directors. The [full technical paper](#), along with a [two-page summary](#), are available on the Tecogen website.

"In light of current trends that describe the benefits of electrification, we thought it important to highlight where electrification indeed makes the most sense from a carbon reduction standpoint and where it faces inherent challenges, particularly when it comes to commercial and industrial heating, the common applications for our CHP and cooling products," noted Robert Panora. "We believe the paper provides a balanced assessment of the opportunity while pointing out areas where highly efficient gas technology is still the best option."

The paper carefully analyzes the carbon offset of using renewable electricity for the needs of a typical facility and concludes that renewable electricity and CHP will always have a positive carbon impact as they displace low-efficiency, carbon emitting power plants. On the other hand, additional electric loads brought about by electrification will always be powered by these plants until most of our grid power is carbon free, a status that will not be achieved except in a few regions, even thirty years into the future.

"We are hopeful that policy makers will become better informed about the impact of electrification which is why we wrote this paper," stated Tecogen CEO Benjamin Locke. "We are very supportive of renewable energy initiatives but believe our domestic policy should focus on displacing fossil fueled plants while only adding electric loads where there is a carbon benefit, such as with electric vehicles. Electric water heating, even with heat pump technology, rarely meets these criteria in non-residential high latitude regions."

About Tecogen

[Tecogen Inc.](#) designs, manufactures, sells, installs and maintains high efficiency, ultra-clean, cogeneration products including combined heat and power, air conditioning systems and high-efficiency water heaters for residential, commercial, recreational and industrial use. The company provides cost efficient, environmentally friendly and reliable products for energy production that, through patented technology, nearly eliminate criteria pollutants and significantly reduce a customer's carbon footprint.

In business for over 35 years, Tecogen has shipped more than 3,000 units, supported by an established network of engineering, sales and service personnel throughout North America. For more information, please visit www.tecogen.com or contact us for a free [Site Assessment](#).

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Forward Looking Statements

This press release 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 our ability to obtain financing on favorable terms to fund existing operations and anticipated growth.

Tecogen Media & Investor Relations Contact Information:

Benjamin Locke, CEO

P: (781) 466-6402

E: Benjamin.Locke@Tecogen.com

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