Trump tax reforms could help complete Obama CHP mission

A series of tax updates being introduced by the administration of Donald Trump could make a goal for an increase in combined heat and power set by the Obama presidency achievable. In a 2012 executive order, President Barack Obama called for the U.S. to add 40 gigawatts of new combined heat and power (CHP) capacity by 2020.

http://www.decentralized-energy.com/articles/2018/03/trump-tax-reforms-could-help-complete-obama-chp-mission.html

Distributed Energy Poised for 'Explosive Growth' on the US Grid

GTM Research has been tracking the rapid growth of rooftop solar, small-scale **combined heat and power (CHP)** systems, residential smart thermostats, electric vehicles and behind-the-meter batteries across the U.S.

https://www.greentechmedia.com/articles/read/distributed-energy-poised-for-explosive-growth-on-the-us-grid#gs.KxBQSOQ

PUC Releases Policy Statement on Combined Heat and Power

On April 05, 2018, the Pennsylvania Public Utility Commission adopted a policy statement aimed at advancing the development of combined heat and power (CHP) technology in the Commonwealth. Noting that CHP provides environmental, efficiency, and economic benefits, the Commission voted 5-0 to adopt the policy statement. Specifically, the statement is intended to: (1) promote CHP investments; (2) encourage EDC and NGDCs to make CHP an integral part of their efficiency plans: and (3) encourage interconnection processes and rates for owners and operates of CHP facilities. The new policy requires EDCs and NGDCs to submit biennial reports on CHP development in their service territories, and directs the PUC's bureau of Technical Utility Services to initiate a CHP working group to reduce barriers to CHP deployment in Pennsylvania.

http://www.puc.pa.gov/about_puc/press_releases.aspx?ShowPR=4009

Capstone to Power Mid-Atlantic Area University with a 1 MW 80% Efficient Solution

VAN NUYS, Calif., May 14, 2018 (GLOBE NEWSWIRE) -- Capstone Turbine Corporation (**www.capstoneturbine.com**) (Nasdaq:CPST), the world's leading clean technology manufacturer of microturbine energy systems, announced today an order for a C1000 Signature Series microturbine to provide combined cooling, heat and power (CCHP) to a university in the mid-Atlantic area of the United States. E-Finity Distributed Generation, Capstone's model distributor for the Mid-Atlantic and Southeast regions, secured the order.

https://ir.capstoneturbine.com/press-releases/detail/3605/capstone-to-power-mid-atlantic-area-university-with-a-1-mw

Gaining Steam: Combined Heat and Power

Currently bolstered by various funding schemes and emissions credits, Germany, Belgium, Lithuania, and many other nations are moving forward with new CHP projects. Producers are adopting CHP schemes because under EU rules, the captured byproduct—heat—is considered both green and renewable, regardless of what generated the heat. These projects then are factored into renewable energy targets, and communities can claim them as green.

http://www.powermag.com/gaining-steam-combined-heat-and-power/#.WsHIVVZyAio.linkedin

What states have the best economics and are friendly to CHP?

Let's discuss the best locations for CHP. There are 5 items for consideration, and the more of these items being offered, the more attractive CHP will be for you. The 5 items are mapped out on a diagram.

https://www.linkedin.com/pulse/ever-wonder-what-states-have-best-economics-friendly-chp-eric-burgis/

Supporting Grid Modernization with Flexible CHP Systems

Most combined heat and power (CHP) installations are designed to produce onsite, baseload power and thermal energy for a facility, with value streams focused on energy bill savings. However, CHP's benefits extend beyond bill savings to include reliability, resilience, and valuable grid services that align well with grid modernization objectives. In the future, flexible CHP systems will be leveraged to support grid modernization and provide maximum value to the grid in use cases that go beyond baseload power generation.

http://consortia.myescenter.com/CHP/Supporting_Grid_Mod_with_Flexible_CHP_121217.pdf

As market pressures mount for IPPs, Vistra, Dynegy complete $1.74B merger

With coal, nuclear and even some older gas plants under pressure from more efficient combined-cycle facilities, companies have turned to economies of scale. More than 60% of the new company's generation is natural gas-fueled, and 84% is in the major competitive markets of the Electric Reliability Council of Texas (ERCOT), PJM Interconnection and the New England ISO.

https://www.utilitydive.com/news/as-market-pressures-mount-for-ipps-vistra-dynegy-complete-174b-merger/520918/

Newest thing in CHP

PHILADELPHIA, PA, March 22, 2018 /24-7PressRelease/ -- CHP-Funder.com, a match-making website for investors in cogeneration, was launched as an online investment intermediary fintech web property. The mission of CHP-Funder.com is to speed time-to-funding for viable CHP projects and to connect such projects to the broader venture capital market.

http://www.nbc-2.com/story/37782261/chp-funder-website-launched

The 10% CHP tax credit has been extended to 2022.

This is great news for anyone that recently installed CHP in the U.S. or is planning to do so. The original CHP tax credit expired on 12/31/16, but it has been extended and effective retroactively, so if you installed a Combined Heat & Power (CHP) System in 2017, you may be eligible for a 10% tax incentive. The 10% Investment Tax Credit(ITC) was part of the Energy Improvement and Extension Act of 2008, and the extension is part of the Bipartisan Budget Act of 2018 that was signed on Friday, February 9, 2018.

https://www.linkedin.com/pulse/10-combined-heat-power-tax-credit-re-instated-eric-burgis/?trackingId=%2BIKzv8AmCkx522c0b0i32g%3D%3D

Pennsylvania opens Alternative Clean Energy Program

The Alternative and Clean Energy Program (ACE) provides financial assistance in the form of grant and loan funds that will be used by eligible applicants for the utilization, development and construction of clean energy projects in the state, including CHP. The program is administered jointly by the Department of Community and Economic Development (DCED) and the Department of Environmental Protection (DEP), under the direction of the Commonwealth Financing Authority (CFA).

https://dced.pa.gov/programs/alternative-clean-energy-program-ace/

CHP project funding site launches in US

A website dedicated to matching combined heat and power (CHP) project developers with investors has been launched in the US.

http://www.decentralized-energy.com/articles/2018/01/chp-project-funding-site-launches-in-us.html

A New Resource for Capitalizing on the Shale Revolution

A new website designed to match up developers of combined heat and power projects (CHP) with financing to bring these energy advancements to fruition.

http://naturalgasnow.org/chp-funder-new-resource-capitalizing-shale-revolution/

Website Connects Lenders/Borrows for Natural Gas CHP Projects

There are a dozen hospitals across PA that also use CHP. The *cool* thing? Much (most?) of the time the primary fuel used in CHP installations is natural gas. We spotted an article on MDN's sister site *Natural Gas Now* about a new website called CHP-Funder (www.CHP-Funder.com). The site matches those who want to build CHP plants with those willing to fund them.

https://marcellusdrilling.com/2018/01/website-connects-lenders-borrows-for-combined-heat-power-projects/