

worldcogenerationday.org

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WORLD COGENERATION DAY

September 4th

[WEST CHESTER, PA] — World Cogeneration Day is about the future – the next generation, new technologies and rising stars. The celebration highlights noteworthy contributions of cogeneration, also known as Combined Heat and Power (CHP), to society around the globe. On September 4th, we encourage everyone to give a shout out and a special acknowledgment to the stalwart operators of the thousands of *energy-efficient cogeneration systems that keep providing reliable, resilient electricity, heat, and cooling to our essential facilities*. While disaster planning is part of electric and gas utilities' DNA, which regularly deals with hurricanes, earthquakes, cyber-attacks, and other disruptions that threaten to disable critical infrastructure, the Coronavirus epidemic brought challenges not normally seen. *Celebrate CHP leaders, operators, and team members*. It is safe to say that the world is changing, and though most people are not aware, *CHP helps keep people safer and healthier*.

Fortunately, people and CHP are resilient — and we have found ways to stay connected. Some of the most helpful tools have been virtual meetings, events, and webinars on the Internet. While social distancing, masks, and quarantining were commonplace, technology has become even more integral to the lives of many. The Internet has certainly provided people with hours of Netflix entertainment and plenty of fun, it has also played an important role in supporting one another.

On September 4th we will virtually highlight key cogeneration projects internationally. Cogeneration, or combined heat and power technology (CHP), plays an important role in providing efficient localized power and supports carbon emissions reduction. CHP systems can use renewable gas such as biogas, biomethane or hydrogen or low carbon gases such as natural gas at high efficiency and close to the site of use. Generating electricity and heat locally means lower losses and better use of the fuel, translating to lower carbon emissions.

September 4th was selected to acknowledge the first Cogeneration System at [Pearl Street Station](#), New York City, in 1882, designed by Thomas Edison, 139 years ago. Edison produced electricity and made use of the thermal by-product to provide steam heating to local manufacturers and nearby buildings on the same Manhattan block.

The healthcare, food, and agricultural industries use the efficient and reliable CHP approach today, and we are proud to honor the frontline workers that serve our communities to keep the lights on. [World Cogeneration Day](#) shows examples of how embedded CHP system operators around the world provide dependable cost-effective energy resilience to indispensable facilities that are prone to natural disasters or have unreliable power distribution networks. These people maintain resilient, efficient, distributed CHP energy that is sustainable for the future energy transition to our most vital facilities.

The sponsors of [World Cogeneration Day](#) will celebrate on a world-wide basis because some challenges have to be met with a global response. Celebrants will take to social media, the internet,

offices, CHP facilities and the airwaves to teach us what is obvious — that there will be no future for us if we destroy the environment that sustains us. This one day helps us all to also pursue a "green future"; showing that healthy energy supplies enable healthy environments.

#WorldCogenerationDay

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