

Provider of mission-critical power generation equipment, parts, and service for the Mid-Atlantic region.



Winter 2019

## Power Generation *PULSE*



### Industry Staying Power

*How do highly-specialized companies stay in business for 75 years?*

**Curtis Engine** President and CEO Trip Harrison answers, *"You have one eye on today and one eye on the future."* The Mid-Atlantic provider of generation equipment sales and service specializes in meeting the needs of **commercial, institutional, government** and other mission-critical facilities.

**Harrison reveals three keys to the company's longevity:** *"We were founded in 1944 and are still committed to being locally owned and operated. The technology of our business evolves rapidly, so we remain at the forefront of these advances to support of customers with critical power generation requirements. Another crucial key to our longevity lives in our culture. Our people are chosen for their abilities to manage complex technical challenges and partner with our customers to tackle*

### Do You Know?



*For more than 10 years, Curtis Engine has been a distributor for MTU Onsite Energy.*

**MTU Onsite Energy**, a division of **Rolls-Royce Power Systems**, is a global provider of **mission-critical, standby, continuous power** and **combined heat and power generator sets**.

**Curtis Engine** recently celebrated its first decade of selling and servicing **MTU Onsite Energy** products to government, institutional and commercial customers for critical power projects located across the Mid-Atlantic region. Factory-certified technicians provide maintenance and 24-hour emergency services for **MTU Onsite Energy** systems, which include **standby generator sets** for emergency backup power and **cogeneration systems** that provide heat and power around the clock.

[Learn more](#)

Read about Curtis Engine's  
industry staying power...



## Safety News: Arc Flash Incidents

54% of all electrical injuries during 2003 through 2017 occurred in the Construction industry \*

A February 2019 article written by Trip Harrison of Curtis Engine for *CE Week* lays out the responsibilities of senior managers in the industry to protect workers and assets from the dangers of arc flash incidents.

\* Source: Electrical Safety Foundation International (ESFI.org)

[Read the full article](#)

## On the Front Lines: Recruiting and Employing the Best

***How do we find disciplined and loyal service technicians who have prior leadership experience, who know how to follow protocols, and who are eager to learn new skills?***

At Curtis Engine, we have discovered that **military veterans** embody these qualifications and represent the future of our company. In every issue of *Power Generation PULSE*, we will honor our veteran employees and acknowledge their service to our country and our customers. These brave veterans have participated in such military missions as Operation IRAQI Freedom, Operation Desert Storm and Operation Enduring Freedom–Phase 3. We honor their service.





Chris Skelley joined the Curtis Engine service team in 2014. During his military service, he served with the 173<sup>rd</sup> Airborne Combat team, U.S. Army. He is a decorated combat officer and successfully completed airborne school in Ft. Benning, Georgia and ASI C9 School in APG Maryland.

Chris's military achievements provided the discipline and leadership experience that prepared him for his present position as Cogeneration Field Engineer at Curtis Engine.

He oversees the company's **CHP (Combined Heat & Power)** projects and maintains the equipment at **Horseshoe Casino**.



Mike Franz joined the Curtis Engine service team almost 13 years ago. He served in the U.S. Marine Corps, stationed in the US and US territories and in multiple countries, including a combat mission in Iraq in 2015.

His military training in Electrical Equipment Repair gave him an excellent foundation for his career at Curtis Engine, and Mike is now the **Engine Service Manager**.

He is always eager to help with any issues that arise and is well-respected by colleagues and customers.

## Projects In the News



### Midtown Center / Fannie Mae Headquarters

*Washington, DC*

Curtis Engine provided the crucial back-up power generator set for the new landmark **Midtown Center / Fannie Mae Headquarters** in the heart of Washington,



### Anne Arundel Medical Center Surgery Center

*Pasadena, MD*

*"Teamwork makes the dream work"* That

DC's business district.

The upscale class A, LEED Gold certified construction required mission-critical backup power to sustain operation. Two MTU Onsite Energy 2,500 kW Series 4000 diesel gensets, one 1,250 kW Series 2000 diesel genset with day tank systems, load bank/generator docking stations, and ASCO paralleling switchgear and automatic transfer switches were specified for the project.

**SOLUTION:** A major project challenge that was resolved by Curtis Engine involved the massive size of the three generator units. The Curtis Engine technical team determined the optimum methods for separating the units into several pieces so they could be craned to the rooftop pads. The factory-certified team then re-assembled the generators on the rooftop and performed testing to verify a successful reconstruction.

Learn more about this landmark project

maxim describes the Curtis Engine team in its role in helping the new surgery center open its doors on schedule in January 2019.

**SOLUTION:** Curtis Engine received an order for a 125 kW MTU Onsite Energy diesel generator set with a special UL2085 Fireguard fuel tank for a standby power system for the new facility. When a sub-supplier was unable to make a critical deadline, Curtis Engine partnered with the contractors and distributors to creatively meet the customer's needs. Curtis Engine ultimately picked up and delivered the generator on one of its own trucks during Christmas week—and the surgery center opened as scheduled.

**THE BOTTOM LINE:** President David A. McGettigan of **East Coast Electric, Inc.**, says, "Curtis Engine went over and above helping to get the facility open on time. All the years I have been doing business with Curtis you prove over and over that customers are important."



**Curtis Engine & Equipment Co., Inc.**

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